PERIODICAL DEPARTMENT

SAN FRANCISCO HISTORY ROOM

X

SAN FRANCISCO PUBLIC LIBRARY

VITA SINE LITERIS MORS EST

Book No. f690 B86 23/2

Accession 205889

NOT TO BE TAKEN FROM THE LIBRARY

FORM NO. 37 2M-2-24

PERIODICAL DEPARTMENT

Digitized by the Internet Archive
in 2010 with funding from
San Francisco Public Library

http://www.archive.org/details/buildingengineer2193cont

205889

Publication Office
60 Mission Street

SAN FRANCISCO, CALIF., JULY 7, 1923

Published Every Saturday
Twenty-third Year No. 27

Schumacher
Office
210 American National Bank Building

Permanence
Economy

Wall

Warehouses
San Francisco Oakland

Appearance
Comfort

Board

For Sale by all Lumber and Building Material Dealers

Remixes Concrete

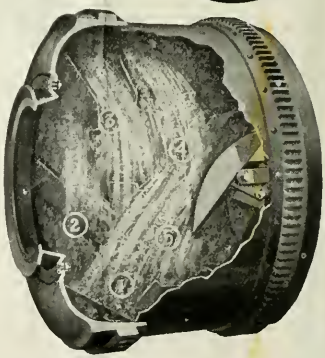
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., JULY 7, 1923 | Twenty-third Year No. 27

No. 560 Mission Street,
San Francisco, Calif.
Telephones Douglas 2371 and 2372

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

GENERAL USE OF ELECTRICITY SHOWS GROWTH

The increase in the general use of electricity throughout California in the past few years is evident, according to the discussion at the annual convention of the Pacific Coast Electrical Association recently held in San Francisco. Utilization of electric energy for domestic and commercial cooking and heating, as well as for power purposes, according to the reports, has advanced rapidly. This more general use of electricity as pointed out, has been due in a large measure to increased efficiency and the lowering of rates for power.

As would be expected, the increase in the general use of electricity is greatest in California, where development of hydro-electric power has assumed vast proportion. The mountain streams have been harnessed and the rushing waters utilized for the generation of electric energy. This making possible the more general use of this most desirable fuel.

The present increase in demand is well indicated by figures just submitted by the office of W. G. Vincent, Vice-President and Executive Engineer of the Pacific Gas and Electric Company, which show that during the past month 3411 new consumers were added to that company's lines and for the first five months of the year there were 18747 new consumers added.

CONCRETE FLOOR TESTS ARE COMPLETED BY GOVERNMENT

The hollow tile and reinforced concrete floors of the Arlington Building, Washington, D. C., occupied by the U. S. Veterans Bureau, were tested by loading them and measuring the deformation.

In this structure, the tiles were placed in rows and spaced four inches in each direction. Reinforcing steel was placed in these spaces near the bottom of the slab in the panel and near the top of it across the supporting beams. The concrete was poured around the reinforcing bars and into the open ends of the tiles.

The building was intended for a hotel but was later turned over to the government for the use of the Veterans Bureau. The original design load of 75 pounds per square foot was increased to 100 pounds per square foot and the increased strength obtained by a two-inch layer of concrete over the tops of the tiles.

The panels of the floor were loaded with sand bags up to 380 pounds per square foot and the stresses in the steel and the concrete measured. The maximum stresses developed in the steel reinforcement were about 27,000 pounds per square inch and those in the concrete about 1600 pounds per square inch. The effect of time under load was to increase the stresses in the reinforcing steel from 15 to 20 per cent. This was particularly pronounced in the first 20 hours and was comparatively small later.

The panels tested varied in the ratio of length to width. It was found that with the increase of that ratio, the stresses in the reinforcing steel at the bottom of the slab and those at the top of the slab (across the gorders) increased in the direction of the short span and decreased in the long one. The stresses in the girders were lower than those in the slab.

The factor of safety of the structure was greater than two. This factor is the ratio of the maximum load the structure can sustain to the load which can be safely allowed when the building is in use.

These tests are described in Technologic Paper No. 236 of the Bureau of Standards, copies of which can be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is 15 cents.

EARLY CONSTRUCTION OF FERRY SUBWAY IS PLAN

The State Board of Harbor Commissioners has submitted a proposal to the San Francisco supervisors seeking their co-operation in the construction of a subway under the railroad tracks in the loop fronting the Ferry Building.

The cost of the subway is estimated at $424,000. The Harbor Board proposes that the state pay one-half, the city of San Francisco one-quarter and the Market Street Railway Company one-quarter of the total cost of its construction.

Preliminary plans prepared by Frank G. White, chief engineer for the Harbor Board, provide for a tunnel twenty-two feet wide and thirteen feet high with two traffic paths.

CONSTRUCTION PROJECTS ABROAD ARE REPORTED

A number of unusually interesting construction projects arranged for or contemplated in foreign countries are reported to the Department of Commerce by commercial attachés, trade commissioners and consular officers abroad.

In Canada one of the largest cities is making preliminary studies of the possibilities for a large cold storage plant for which financial assistance may be secured from the provincial and dominion governments. Another important Canadian municipality is considering the installation of a central heating system in connection with the electric light and power system. New electrical and automobile buildings are to be erected in Toronto for the annual Canadian National Exhibition.

Reports from Latvia state that the cabinet has allocated large sums for the building of hydro- electric stations on the River Dvina. It is said that the total available power at four sites is 375,000 horse power.

Additional oil handling and tankage equipment is to be provided at once at a French port, and it is possible also that a refinery may be built.

The municipality of Malaga, Spain, is preparing for a large bond issue to improve the municipal waterworks system. It is stated that a Spanish bank will probably take the bonds and that the contract will probably go to Spanish firms.

Preliminary specifications have been received covering a proposed oil refinery in Argentine. Bids will be opened August 25, 1923.

The so-called Peruvian sanitation loan of $25,000,000, is is reported, has been arranged. The Banco Italiano at Lima is representing the banking interests.

Further information about these projects may be obtained from the Bureau of Foreign and Domestic Commerce, Washington, or any district office of the Bureau.

SHEET STEEL SHORTAGE

Daily Metal Trade (Cleveland) says, "Plate and sheet steel consumers clamor for greater shipments from Pittsburg and Youngstown district mills, fearing supplies will run short when the mills close for one week in July for repairs and vacations. Sheet mills now find themselves unable to clear the present order books until August, when buying is expected to resume. Further iron price cuts bring a wave of renewed market activity at Cincinnati as precursor of third quarter purchasing movement.

BRICK WALL STRENGTH

The ideal brick wall eight inches thick is 24 per cent stronger than the eight-inch solid brick wall, each being built in panels six feet long and nine feet high, laid in cement-lime mortar, and tested with a load applied with two inches of eccentricity, according to an exhaustive report by Rudolph P. Miller, consulting engineer, which is published in "The Strength of Ordinary Brick Work" just issued by the Common Brick Manufacturers Association, Cleveland.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Stabilization of building costs, both in materials and in labor, is producing a revolution in the art of the constructing contractor in the large cities, resulting in a considerable recession of building, according to information reaching the National Association of Real Estate Boards. Indications are that, though there is not yet a very perceptible slack in the building industries, except in the cheaper type of old orders. What has taken place is only a change of attitude on the part of the public. With the economies of seemingly general feeling that building costs have been advancing too rapidly, building needs which have been pressing are being postponed.

In connection with the study of development problems in the Tonkawa, Okla., oil field, being made by the Department of the Interior, through the Bureau of Mines, laboratory tests of cements and mud fluids used in the exclusion of water from oil wells are being made. The time of initial and final set, and the viscosities and specific gravities of four brands of cement mixed with different proportions of water are being determined. Penetrations tests have been made on sandstone, using mud fluid of 1.1 specific gravity.

Colonel George H. Kelly of Portland, commander of the Twentieth Infantry Regiment, the Forestry Regiment, in France in the World War, is the purchaser of a minimum of 685,000,000 feet of government timber in the canyon of the North Fork of the Willamette River in southern Oregon, paying $1,500 for the lot. It is estimated that the amount of timber eventually may run into 700,000,000 feet. The timber was sold to Kelly by the federal forest service.

The Three Cities Chamber of Commerce, with headquarters at San Mateo, plans to hold a "Home Exposition" in that city, Burlingame and Hillsborough during the month of July. Prospective home owners will be taken on tours of inspection through the three cities and an effort will be made to have all homes lighted at night. It is believed that the "Home Exposition" will be one of the most novel advertising schemes ever attempted.

Increased curtailment of activity in the lumber industry is indicated by the statistical summary of the National Lumber Manufacturers' Association for the week ending June 9. With 396 mills in operation as against 422 in the previous week, the cut showed a decline of 15,717,726 feet for the period. Shipments totaled 235,495,586 feet, a decline of 33,251,338 feet from that of the previous week. Orders totaled 186,025,147 feet, a decline of 22,051,787 feet.

N. E. Beaumenk and E. H. Presno of Modesto are looking over their asbestos property at Edgewood, Siskiyou county, and plan to spend $10,000 in development work. Unconfirmed reports are that plans are being formulated to organize a company which proposes to establish a plant costing in excess of $300,000, including equipment, to supply asbestos to every section of the Pacific Coast.

The Fresno county supervisors contemplate levying a direct tax of 41 cents to finance completion of the county highway system, the estimated cost of which is $668,000. The county board has tentatively decided to build the balance of the highways not completed under the 1919 bond issue and the special highway fund of last year, but the definite decision is yet to be made.

The H. D. Haley Company of California has been incorporated and will maintain offices in Sacramento. The company is capitalized at $15,000 and will engage in a general engineering and timber cruising business. Directors are: H. D. Haley and J. O. Shinn of Portland, Ore., and Chas. J. Hasman and R. L. Rankin of Sacramento.

Commenting on the so called "buyers' strike" the National Lumber Bulletin says: "The move against construction inflation is primarily directed to put a stop to the pyramiding of labor costs and particularly to the reduction in labor efficiency brought about by the arbitary limitation of output by building trade unions."

Present amounts invested in home building mortgages by building and loan associations in the United States are approximately three billion dollars, millions of dollars more than the total amount which all the life insurance companies in America have invested in their entire real estate mortgage holdings.

The Pacific Clay Products Company of Los Angeles has been succeeded by the Pacific Clay Products, Inc. The new firm assumes all obligations of the former company. Offices are maintained at 600 American Bank Bldg., 129 W. Second street, Los Angeles, Cal.

The suit to decide the validity of the the paving program in Chico will come before the Butte County Superior Court at Oroville July 17. It was previously announced that the case would be put over until September.

The California Filter Company of San Francisco, has opened an office in Los Angeles, at 706 Equitable Bldg., First and Spring Sts. F. C. Ackers is the company's representative.

Santa Barbara county on July 24 will vote question of issuing bonds of $305,392 to finance paving of twenty-five miles of county roads.

The 1924 convention of the National Retail Hardware Association will be held in San Francisco.

E. E. Etherton, building contractor, formerly of San Francisco, has located in Los Angeles and is starting business under the name, Etherton Company, with office at 412 Byrne Bldg.

Santa Fe Lumber yards at San Bernardino, suffer $450,000 fire loss, June 30.

Thos. W. Dupes has been re-appointed plumbing and building inspector of Bakersfield.

ADDITIONAL FOREST SERVICE FUNDS FOR ARIZONA HIGHWAY

Expenditures totaling $383,613 of national forest highway funds for the construction of the Prescott-White Spar Road in Arizona have just been approved by the Secretary of Agriculture, according to an announcement by the Forest Service, United States Department of Agriculture. This money is available for roads serving the national forests and for roads within or adjacent to forests which are of primary importance to States, counties, and communities.

The $383,613 just approved for this road brings the total allotment up to $528,613, funds totaling $145,000 having been allotted in May 1922. The road is to be 18 miles in length and will run from Prescott, Arizona, to the western boundary of the Prescott National Forest. All of the project is within Yavapai County. It is a part of the 7 per cent highway system recommended by the State Highway Commission and when completed will form one of the most important improved roads in Arizona.

PUBLICATIONS

There is no subject of greater importance to the home owner, or for that matter to the nation, than that of home sanitation. His own and his family's health and welfare depend upon the most efficient disposal of wastes, the protection of water supply and the exclusion of rats and mice from the home. As a port of its service to home owners, the Portland Cement Association has just published a new booklet "Concrete in Home Sanitation" which contains under one cover the subject matter of several separate booklets issued in the past together with newly prepared material. In its present convenient form this booklet contains information which the home owner, particularly in rural communities, can hardly afford to do without.

The Associated Metal Lath Manufacturers, Wharton Clay, Commissioner, 740 Edison Bldg., Chicago, has issued in pamphlet form, specifications for all uses of metal lath, as agreed upon by the principal manufacturers of expanded metal lath. For years the various manufacturers of metal lath have given out slightly conflicting recommendations on the use of their products. It has been very difficult for the companies to arrive at a uniform recommendation, because they are manufacturing some 73 different kinds, weights, gauges and qualities of Metal Lath. These specifications have reduced this great number to 10 different weights,, simplifying the sale, distribution and the specifying of metal lath.

A pamphlet entitled "Blasting Drilled Wells to Increase the flow of Water," by S. R. Russell, C. E., has just been issued by E. I. du Pont de Nemours & Co. Mr. Russell is one of the most widely known experts in explosives in the United States and is a member of the technical staff of the du Pont Company. His pamphlet embodies the result of studies made extending over a great number of years, and is considered to be the most authoritative discussion on the subject which has been published recently. It should be of especial interest to municipal and county engineers, farmers and all those who have had difficulty with the flow of water in drilled wells.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

COLONEL D. H. SAWYER APPOINTED SECRETARY OF A. G. C.

Colonel D. H. Sawyer has been appointed secretary of the Associated General Contractors of America to fill the place of Mr. Eugene Young who recently resigned to enter business in Minneapolis. Born in Mt. Pulaski, Ill., Colonel Sawyer graduated in engineering from the Universcity of Illinois and is a member of the American Society of Engineers. Going East after graduation, he was engaged in engineering and building operations for about a year when he returned to his native state, becoming city Engineer of Paris. Later, as chief engineer of the Illinois Traction system, he had charge of the construction of most of the interurban lines of that company which connect the larger towns of Central and Southern Illinois.

In 1908 Colonel Sawyer joined his brothers in the Northwest, forming the firm of Sawyer Brothers, who, with offices in Seattle and Spokane, engaged in consulting and designing engineering work, covering fields of municipal improvement, irrigation, drainage and kindred work.

Summoned to Washington late in May, 1917, he was soon commissioned a major in the Quartermaster Corps and assigned as Construction Quartermaster to build the original Camp Grant. Upon the completion of this assignment and during the remainder of the War, Colonel Sawyer was engaged in building a nitrate plant near Cincinnati, Camp Bragg, and in a supervisory capacity was in charge of construction of quartermaster storage projects throughout the East and Central West.

Following his resignation from the military service, he became associated with the James Stewart Company being engaged on various building enterprises.

Colonel Sawyer brings to his new position years of experience in the engineering and construction fields which peculiarly fits him for the secretaryship of the Associated General Contractors with its large opportunities for furthering the interests of the general contractors of the country.

BUILDER SUES TO TEST RESTRICTION DEMANDS

Upon the result of the suit of Theodore de Pass against the Residential Development Company of San Francisco and the Westwood Park Association, now being heard before Superior Judge Trabucco (San Francisco), will will depend the legality of many of the restrictions placed upon land purchasers here. In his action De Pass has charged that he has been forced to halt construction upon an apartment house being built at the intersection of Miramar avenue and Ocean avenue because the Westwood Park Association contend that apartment houses are forbidden in the restrictions covering that district.

Geo. A. Posey, County Surveyor of Alameda County, will leave shortly for Eastern points to investigate subway and tube construction, preparitory to starting plans for the proposed tube under the Oakland estuary to cost approximately $4,500,000.

SAN ANTONIO HAS SCHOOL FOR PLASTERERS

The Open Shop Association, 206 Bedell building, San Antonio, Texas, has taken its initial step to overcome the shortage of skilled mechanics by opening a school of plastering at 1033 Laredo street.

The interior of the building has been reconstructed to present the equivalent of a seven room house, with hallways and exterior so designed as to provide every angle, opening, recess, and type of architecture that might be encountered in plastering work in and around San Antonio.

The school charges no tuition and the only expense to the men is for tools, which are purchased at cost by the association and sold to the men at purchase price. The only obligation imposed is that the men agree to obey the rules laid down by the instructor with reference to work and attendance and remain at the school throughout the course, or until released by the instructor at such time as he considers them proficient enough to reflect credit on the school and their instruction.

The work is being financed by the Open Shop Association through subscriptions. The instructor of the school is Harry Millar, a retired plastering contractor and formerly expert journeyman. The trade school committee is composed of E. A. Holmgreen, A. J. McKenzie, James Aiken, Russell Hill, Marvin Hill, Martin Wright, Walter Graham, Walter Shafer, Jay DePuy and Sidney E. Cornelius, manager.

The motive actuating the association to establish the trade school was to afford the opportunity and encourage the American boy to learn a skilled trade. The association gives much of the credit for the inspiration and the practical methods employed to the Industrial Association of San Francisco, which has already established seven schools for different trades.

PHOENIX, ARIZONA, NOW TRAINS BRICKLAYERS

The shortage of bricklayers in Phoenix, Arizona, became so acute recently that some sort of plan was needed to fill the vacancies in the line of bricklaying. For a great many years past there had been no apprentices in this territory.

How to secure students was the first problem. The Builders' Exchange of Phoenix advertised, securing about twenty-five answers from the small population. After questioning the boys thoroughly as to their intentions regarding the class the exchange accepted about fourteen.

An expert instructor was secured and the co-operation of John D. Loper, principal of the public schools, enlisted. Materials were purchased. The boys furnished their own trowels. Three classes were conducted each week, of about two or more hours each and after a few lessons it was found the boys were more than interested in the work, being on hand long before the appointed hour and willing to work an hour overtime at class if necessary. Much credit is due the instructor as he held the interest of the boys wonderfully well.

At the end of the first course it was found that six of the students had progressed much more rapidly than the balance of the class; so it was decided to offer them another full course, which will run to the conclusion of the regular school term. At this time there are five or six boys who will lay 800 to 1200 brick per eight hours in an ordinary wall. Three of the boys can build piers, which means they are capable of laying up corners. Three of the boys are at present out on regular work. One of them receives $4, another $3.50, and the two others $3 a day. Just how they will demonstrate on the regular grind remains to be seen.

Three prizes have been secured for the boys doing the best work at the end of the term. These are as follows: Bricklayer's plumb rod, rule, and good trowel. The boys are working hard to win these prizes.

When school opens again in the fall the bricklaying class will be continued, and also one in plastering. The question now is whether the facilities will be adequate to handle all the applicants who wish to enter the classes.

It is quite probable that there will be an attempt to interest the entire Valley including some six or eight towns, in the apprenticeship plan, thereby making one central school for the entire population with no charge whatever to the student.

ARCHITECTS SEE PACIFIC SANITARY PLANTS

Members of the San Francisco Architectural Club, their friends and members of the East Bay Building fraternity were the guests of the Pacific Sanitary Manufacturing Company at the plants in Richmond and San Pablo, Contra Costa County, Saturday June 30.

Leaving San Francisco, Saturday morning, the visitors were escorted across the bay by Foster Glaspell, a member of the sales force of the Pacific Company and Mark T. Jorgenson, president of the Architectural Club. Arriving at Richmond the gathering was met by a committee of plant employees and an inspection of the plants started.

At plants Nos. 1 and 2, devoted to vitrous products, the process of manufacture was explained in detail by W. A. Potter, manager of the Vitrous Plant. The baking and enameling ovens were viewed while in full operation.

Following the inspection of these two units the guests were taken to Martin's Grill in Richmond, where a hearty luncheon was enjoyed. A complete minature bath room set was given each guest as a souvenir of the trip.

Following this the visitors were taken on a trip through Plant No. 3, devoted to the manufacture of cast iron plumbing products.

Harvey M. Toy, chairman of the California State Highway Commission, has left for Banff, Canada, where he will represent the state at the opening of the Banff-Windemere highway.

WILL SEEK WAR DEPARTMENT APPROVAL ON GOLDEN GATE BRIDGE PROJECT

San Francisco and her sister counties in Northern California will petition the United States War Department to open hearings within the next few months on the proposed to build a bridge across the Golden Gate as the connecting link between the counties.

Such was the determination of Supervisors representing a dozen counties who met in San Francisco June 23 to discuss preliminary plans for the bay span, the details of which were recently announced by Joseph Strauss, chief bridge engineer, and City Engineer Michael O'Shaughnessy.

Although the Golden Gate bridge was the principal topic of the session, plans for two other spans across the bay were presented by J. G. Little, civil engineer of San Francisco. Both were on the same location, from the foot of Van Ness avenue to the present ferry landing, San Rafael.

One of the designs advocated by Little is for a combination trestle and tube with a clear ship channel of 1500 feet, or about one-quarter mile between ventilation towers. The other design is for a high steel bridge with three main spans for 1100 feet, or about one-fifth of a mile each, the remainder of the bridge to be of low level spans. In presenting his plans, Little declared that both projects would be cheaper and present less engineering difficulties than the so-called Golden Gate bridge.

CIVIL SERVICE EXAMINATIONS

The United States Civil Service Commission announces the following open competitive examinations:

Design draftsman (structural), $8.80 per diem. Vacancies at naval operating base, Pearl Harbor, Hawaii.

Junior engineer, $1200-$1500 and bonus; junior physicist, $1200-$1500 and bonus; junior technologist, $1200-$1500 and bonus. Vacancies in bureau of standards, Washington, D. C.

Junior aid, grade 1, $540 a year; junior aid, grade 2, $720-$850; laboratory assistant, senior grade, $1200-$1800 a year. Vacancies in bureau of standards, Washington, D. C.

Laboratory assistant, junior grade, $1000 a year; senior aid, $900 a year. Vacancies in bureau of standards, Washington, D. C.

Ship draftsman, $130 a month and bonus. Vacancy in coast and goedetic survey, Washington, D. C.

Further information regarding these examinations may be obtained from office of the Commission at Washington, D. C. or at the branch offices in the Federal Building in the principal cities throughout the U. S.

BUILDING SLUMPS

Contract volume fell off 14 per cent in May and was 23 per cent less than for May, 1922. The only gains were in the South and Far West, according to the Engineering News-Record of New York.

Value of large contracts fell off nearly 14 per cent during the week ending June 14, but gained 26 per cent over the listings for the week of May 31.

Public building awards, however, increased 166 per cent during the week ending June 14, while private commercial buildings dropped 9 per cent.

A slight increase in large public jobs now out for bid, developed during the week of June 14, compared with a falling off in buildings and private work.

The only change in basic materials prices occurred in pine lumber, which dropped $1 per M ft. in New York, during the week.

High Costs and Building—Do Closed Shop Communities Pay More?

By Noel Sargent, Manager, Open Shop Department, National Association of Manufacturers, in the June "Constructor"

The National Association of Manufacturers is, as the name implies, composed of manufacturers in all lines of industry and from all sections of the country. We recognize, however, that the construction field is the chief industrial barometer. In our researches in connection with the open shop we have, therefore, devoted especial attention to the building industry.

A tabulation which we have only recently completed presents the actual cost of construction per cubic foot of public school buildings erected under both open shop and closed shop conditions.

The costs were as follows:

Erected Under Open-Shop Conditions	
Birmingham	.22
Los Angeles	.22
Minneapolis	.23
San Antonio	.23
Jacksonville, Fla.	.24
St. Paul	.24
Omaha	.26
San Francisco	.27
Richmond	.27
Oklahoma City	.27
Spokane	.28
Seattle	.28
Erie	.30
Detroit	.36
Average cost	.26
Open-shop cost	100%
Erected Under Closed-Shop Conditions	
New Orleans	.26
Louisville	.28
Cohoes, N. Y.	.32
Albany, N. Y.	.33
Springfield, Mass.	.33
St. Louis	.35
Dallas	.35
Utica	.36
Rochester	.38
Quincy, Ill.	.38
Pittsburg	.43
Cleveland	.45
Providence	.50
New York	.55
Average cost	.38
Closed-shop cost	146%

The above figures are based, with a very few exceptions, on the cost of buildings completed in 1922; where the exceptions occurred we were assured that the cost given are substantially the same as would have prevailed in 1922. In the case of the Southern towns, costs for fireproof buildings are presented, to make comparison with Northern cities more equitable.

It was attempted to obtain the same information from approximately 40 additional cities; but the information was either not available or could not be secured or, in the case of some half dozen replies, the answers were so vague that the information given could not be used in our comparison. In one town it required three months before the information desired could be secured from the local political ring.

Possible Criticisms Met

Certain criticisms which have been made or may be made should be answered:

(1) There are five Southern cities (Birmingham, San Antonio, Jacksonville, Richmond and Oklahoma City) in the 'open-shop" group and only three (New Orleans, Dallas and Louisville) in the "Closed-shop" group. Oklahoma City, as a matter of fact, is almost a "western" town, rather than a typical "Southern" community. It would be no more fair to include Los Angeles as a "Southern" town than it would be to include St. Louis. Taking the eight cities above listed, we find that the average cost in the open-shop group was 25 cents per cubic foot, as compared with 30 cents in the closed-shop group—20 per cent more. If both Los Angeles and St. Louis are included, the average costs become 24 cents and 31 cents, respectively, or 29 per cent more in the closed-shop group.

(2) The figures presented apply only to public schools—in some of the towns where public schools are erected closed shop, a large share of private building is open-shop.

(3) Educational systems are vital in American life. Erection costs of public buildings are of great importance because they involve taxation. There is no substantial reason for believing that the same percentage differences in cost do not prevail in private buildings erected under open and closed-shop conditions.

(4) It may be urged that in the "closed-shop" group we have many cities in New England and New York where building is unusually high, and that in the 'open-shop" group there are several western cities where costs are low. This is certainly not an adequate criticism. It is precisely on account of the closed-shop methods, including "deals" with material men in many centers, that the costs are high, in the "closed-shop" communities; the absence of such methods reduces the costs in the towns where buildings are erected "open-shop."

Trend of Per Capita Permit Values

An examination of permit figures for 1922 in the 72 towns where the permits totaled $5,000,000 or more makes it clear that as the percentage of building erected on an open-shop basic increases that the community tends to benefit by an increased amount of construction.

In towns where building was 75 per cent or over closed-shop per capita permits were $68.

In towns where building averaged 50 per cent open-shop per capita permits were $75, or 10 per cent more.

In towns where building was 75 per cent or more open-shop per capita permits were $86, or 26 per cent greater than in the predominantly closed-shop group.

Greater construction in open-shop communities is a logical complement to lower construction costs, and, indeed, bears out our assertion of higher costs in the closed-shop communities.

Figures Present Typical Conditions

We have considered the 1922 permits and 1920 populations of 63 towns. Evanston and Chicago were omitted because their building was largely under Landis Award conditions, making it almost impossible to classify either as "open" or "closed." New York was omitted because its building was on an abnormal and artificial level, due to the tax-exemption ordinance. It would not have been fair to include New York, with a population of 5,620,048, in which building was artifically stimulated. An average based on the inclusion of New York City in the "closed-shop" group would not present a true picture of the national result of closed-shop building conditions. In the other six towns, we could not obtain authoritative statements as to methods of building construction.

The combined 1920 population of all towns of 50,000 or more population was 32,692,065. The combined population of our 63 cities was 17,196,931, or 53 per cent. Excluding New York and Chicago, for the reasons given above, the cities included in our computations represent 71 per cent—certainly a fair enough test. Of 33 cities, including New York and Chicago, having 200,000 or more population, 28 are included. Of 35 cities with 100,000-200,000 population, 20 are included.

The tables follow:

Building Statistics of 63 Large Cities

Building 75 Per Cent or More Closed Shop

Town	Population	1922 Permits	Permits per Capita
Mt. Vernon, N. Y.	42,726	$ 7,669,671	$179
Fresno, Cal.	45,086	7,495,840	166
Sacramento, Cal.	65,908	9,351,052	142
Fort Worth	106,482	12,154,722	114
Washington	437,571	49,001,414	112
Des Moines	126,468	12,473,325	98
Houston	138,276	13,450,529	97
Yonkers, N. Y.	100,176	8,550,750	85
Albany	113,344	8,805,895	78
Boston	748,060	57,496,972	77
Dayton	152,559	11,540,709	76
Cincinnati	401,247	28,729,795	72
Kansas City, Mo.	324,410	23,146,190	71
Louisville	234,891	16,736,750	71
Springfield, Mass.	129,614	9,077,635	70
Cleveland	796,841	55,147,565	69
Newark	414,524	28,585,166	69
Elizabeth, N. J.	95,783	6,315,914	66
Pittsburg	588,343	35,255,375	60
Rochester	295,750	17,347,873	59
Lawrence, Mass.	94,270	5,468,399	58
Syracuse	171,717	9,899,324	58
Jersey City	298,103	14,265,710	48
Paterson	135,875	5,696,013	42
St. Louis	772,897	25,210,503	33
New Orleans	387,219	10,495,460	27
	7,218,140	$489,368,551	$68

Building 25-75 Per Cent Open Shop

Town	Population	1922 Permits	Permits per Capita
Tulsa, Okla.	72,075	$ 13,636,489	$189
Dallas	158,976	18,646,988	117
Atlanta	200,616	20,584,734	103
Berkeley, Cal.	56,036	5,622,963	100
Indianapolis	314,194	26,110,457	83
Utica	94,156	6,922,783	74
Denver	256,491	18,016,125	70
Seattle	315,312	19,783,835	63
New Haven	162,537	9,625,918	59
Buffalo	506,775	26,177,120	51
Youngstown	132,358	5,338,545	40
	2,269,526	$170,405,957	$75

Building 75 Per Cent or More Open Shop

Town	Population	1922 Permits	Permits per Capita
Long Beach, Cal.	55,593	$ 14,044,518	$253
Los Angeles	576,673	121,206,787	210
Pasadena	45,354	9,420,481	208
San Diego	74,683	12,004,036	161
South Bend, Ind.	70,983	10,098,035	142
Oakland	216,261	24,468,223	113
Detroit	993,678	94,615,093	95
St. Paul	234,698	22,276,457	95
San Francisco	506,676	45,327,206	89
Richmond, Va.	171,667	15,116,912	88
Oklahoma City	91,295	7,698,196	84
Wichita, Kansas	72,217	5,940,794	82
Grand Rapids	137,634	11,195,077	81
Duluth	98,917	7,843,956	79
Minneapolis	380,582	29,470,450	77
Columbus	237,031	18,191,300	77
Canton, Ohio	87,091	6,015,248	69
Jacksonville, Fla.	91,558	5,864,287	64
Philadelphia	1,823,779	114,878,540	63
Baltimore	733,826	43,263,210	59
Omaha	191,601	11,246,075	59
San Antonio	161,379	7,234,303	45
Norfolk, Va.	115,777	5,169,533	45
Nashville	118,342	5,259,908	44
Birmingham	178,806	7,336,213	41
Toledo	243,164	9,038,891	37
	7,709,265	$664,223,729	$86

IMPORTANT CONSTRUCTION PROJECTS ABROAD REPORTED

The Department of Commerce reports the following construction projects at distant points which may prove of interest to the American construction industry:

Extension of the harbor facilities at Cape Town are being considered by the South African Government, says Consul C. J. Pisar in a report to the Department of Commerce. A preliminary report on the situation has been made by Sir George Buchuanan, of London. No action has yet been taken in this matter by the South African Railways and Harbors whose headquarters are at Johannesburg by whom the matter would ultimately be handled.

According to press reports, J. D. McArthur, of Winnipeg, head of the Fort Alexander Railway Company, has made arrangements for the floating of a $3,000,000 bond issue to be used for the construction of a branch line from Beconia to Fort Alexander, Manitoba. At the latter point it is proposed to erect a large pulp mill which will employ about 2000 men, Consul General J. I. Brittain, Winnipeg, reports to the Department of Commerce.

Public highway work authorized in Manitoba during the balance of the fiscal year amounts to about $556,500. A number of concrete bridges will also be constructed, says Consul General J. I. Brittain.

Desuite unsettled conditions there is a great deal of construction work going on at Canton. At present several large office buildings, each costing approximately $200,000 (U. S.) are under construction. They are modern reinforced concrete buildings.

Port improvements at Nantes and Saint Nazaire are being actively discussed by the Chamber of Commerce at those ports. It is said that a certain amount of work will be done when definite decisions as to plans are arrived at, according to Consul Fred D. Fisher, Nantes, in a report to the Department of Commerce.

BILL PROVIDES FOR PUBLICITY ON DAY WORK CONTRACTS

Senate Bill No. 580, effective August 17, provides for publicity on public work done by day's labor or force account. This is the bill introduced in the legislature two years ago by Senator Breed, which was passed at that session by a practically unanimous vote but failed to secure the signature of Governor Stephens. As passed at the recent session of the legislature the bill is materially changed from the original draft but it will, if enforced, accomplish enough to justify future legislatures in strengthening its weak points that may be developed. Following is the text of the new law:

Section 1. It shall be the duty of the state highway engineer, the state engineer, the state architect and of every county engineer, county surveyor, city and county engineer, county highway engineer, road commissioner, city engineer, commissioner of public works, superintendent of streets, harbor engineer, flood control engineer, and the engineer of any reclamation, irrigation or other district, political subdivision or agency of the state directing, supervising or superintending the construction, or in charge of the engineering work for or in connection with the construction of any bridge, road, street, highway, ditch, canal, dam, tunnel, excavation, building or structure within the state by day's labor or force account, except emergency and maintenance work and work costing less than ten thousand dollars, to keep an accurate account of the cost of such work; to prepare and file in his office, prior to the commencement of the work, full, complete and accurate plans and specifications, and an estimate of the cost thereof, except where other and adequate provision is made by law requiring the preparation and filing of such plans, specifications and estimates of cost by some other officer or in some other office; and, upon completion of any such work, to prepare and file in the office of the county clerk of the county in which the work is performed, (or if any such reclamation, irrigation or other district maintains an office then in the office of his own such district instead of the office of the county clerk), a certificate in writing verified by him in the same manner as complaints in civil actions, setting forth the estimate of cost, names of bidders with prices bid, changes in adopted or approved plans and specifications, that the work performed has or has not been done in accordance with such plans and specifications, a list of any publicly-owned equipment used in the work, and an itemized statement of the actual cost of all labor, materials, rentals, repairs, compensation and other insurance, transportation of labor, equipment and materials, engineering or architectural services including the services of public employes in connection with the work, and any and all other cost entering into the work performed, including a reasonable amount for depreciation of publicly owned equipment used in the work and the cost of repairs thereon while so used.

Section 2. Such plans, specifications and certificates shall be open to inspection and examination as a public record.

ROMAN PAINT COMPANY OPENS NEW QUARTERS

The Roman Paint Co., Inc., has moved its general sales offices from the Monadnock Bldg., San Francisco, to 823 Clement street, where a complete line of paints, oils, varnishes and enamels, wall paper and wall board, roofing and building papers will be carried in stock to meet every demand.

These new quarters will be maintained in addition to a general business office in the Monadnock Bldg., which will operate independent of the factory office at 2255 Folsom street and Oakland branch at 1915 Broadway.

RECORD SET IN INSTALLING 100-FOOT TURNTABLE

Re[illegible] for the installation of [illegible]-foot [illegible] was established at S[illegible] on May 28 when a [illegible] removed the old ta[illegible] new one in operation [illegible] minutes. The previous [illegible] at Ashland, March 16 [illegible] 100-foot table was in[illegible] 12 minutes.

T[illegible] Bridge & Building men [illegible] were employed in the [illegible] ing under the super[illegible] Nelson, Supervisor of Bridge and Building, Coast Division, [illegible] Roadmaster San Luis Obispo [illegible] and J. W. Stephenson, Foreman Bridge and Building gang.

The work was so arranged that there was no interference in the movement of traffic, and during the installation [illegible] freight trains were started east, two 4-engine trains and one 3-engine train west, and three trains were received.

The new turntable was constructed alongside the pit, enabling the existing 70 foot table to be kept in service until actually taken out. A framed timber trestle was constructed leading from the rims of the pit to the center and the old turntable was lifted out by the wrecking crane and placed on a flat car. The old stone center was also removed and the new concrete block weighing 8 tons set in place.

The table was constructed on a timber frame on a 2.48 per cent grade over which it was launched by means of a double line of rollers so gauged as to fit the journals of standard car axles and using standard brasses and wedges. In placing the table is landed exactly over the center but it was necessary to lower it 20 inches by means of four 50-ton Norton jacks, two on each side to bring it to its bearing.

Work of installation was started at 7:30 a.m. and in one hour the old table was loaded on a flat car and backed away. The wrecker was hooked on the new turntable at 10:25 and the table was down at 11:50. Ten minutes later it as turned empty and immediately after turned with an engine.

ANNUAL FIFTY MILLION FOOT LUMBER CUT POSSIBLE

Fifty million feet of sawlogs can be removed annually for all time from the Coeur d'Alene national forest, Idaho, according to the prescriptions of the management plan just approved by the forest service, United States department of agriculture.

The net area of forest is about 660,000 acres, of which about 550,000 acres is considered as productive forest land. The greater part of the timber, as usual, is in two age classes, the mature and over-mature classes and the very young, zero to 20 year, class.

The main problem of management is that of making the mature timber last for a sufficient period to enable the younger and intermediate classes to reach maturity. This average period is estimated at 50 years, during which time a total of four billion feet will be removed at an average of 50 million feet per year.

The forest is divided into two working circles based upon practical logging and transportation factors. In one working circle the harvesting of the timber [illegible] years or more in age will [illegible] years and in the other about [illegible] years. The rotation (or the [illegible] the timber is considered [illegible] for cutting) is fixed at 120 years, although a shorter period than [illegible] may be used later, especially for the better sites

State Railroad Commission Is Completing Electric Survey

California has the distinction of being the first state in the Union to undertake a detailed inspection of all overhead electric utility facilities, with the view to eliminating improper and hazardous constructon, as a matter of protection to the public, to the utility workers, and for the maintenance of safe and efficient service.

This immense task was deligated to the Railroad Commission by the California Legislature, through the enactment of Chapter 499, Statutes of 1911, as amended by Chapter 600, Statutes of 1915, which charged the Commission with the inspection of all overhead electric facilities as to their complaince with the provisions of the law, providing for safe and efficient construction.

The work has been underway for approximately one year, in which time the State from Sacramento south has practically been covered. This area includes the facilities of more than fifty electric utilities, more than 500 cities, and a large number of individual services. Upwards of 75,000 miles have been covered by the inspectors of the Commission in the pursuit of the work. Completion of the preliminary inspection, and the final inspection itself will require two years additional, it is estimated.

The work necessitated additions to the staff of the Commission's Engineering Department, as it was impossible to handle it with the force available at the time the inspection was undertaken. At the present time there are three inspection engineers in the field , one clerk and one stenographer, all working under the supervision of Assistant Engineer J. E. McCaffrey. The cost of conducting the work is being charged against the owners of the lines inspected.

The Commission has felt that the greatest hazard to workmen and the public existed in the facilities of the Power and Traction Utilities, and with this in mind inspection, has been made of these properties before any attempt to look into the facilities of the Telegraph-Telephone and other signal companies. Excepting in the case, therefore, where in making inspection of supply lines a particular hazard is discerned in the signal lines, such as its location of proximity to the supply line, the inspection of signal facilities will not be made, until the completion of the inspection of the power facilities.

To expedite the work, and to keep the cost of it at a mimimum, the proceedure in general is as follows:

One Company in a locality is notified a week or ten days in advance that the inspection is soon to follow, and the inspection fixes a definite date for starting the work. While pursuing the work of the first Company he so arranges his time and labors that he can go on to the facilities of competing companies, private individuals and municipal plants in the territory. This means that a given locality is fully inspected with one visit of the inspector, thus eliminating the expense of doubling back to pick up each individual facility.

From the date gathered in the field the Commission is enabled to make an accurate estimate of the cost and time necessary to make the correction in existing construction, and this information is incorporated in the decision which the Commission hands the Utilities after the completion of the preliminary inspection. It is contemplated to make a final inspection of the facilities at the expiration of the time allowed in the decision.

While on the work of inspection it is also the business of the inspectors to acquaint the field men of the Utilities with the interpretations of the Commission of its General Order No. 64, which became effective July 1st, 1922, and which is a more detailed ruling on the construction of overhead lines. This together with the safety of workmen and the general public, as well as the improved service assured by a better mode of construction of lines, makes the inspection now being carried on of utmost importance to everyone in the state, and is being received as such by every one connected with the electrical industry.

WASHINGTON FOREST ROADS RECEIVE FEDERAL FUNDS

Expenditures totaling $96,000 of national forest development funds for the construction of 16 miles of highway in the State of Washington have just been approved by the Forest Service, United States Department of Agriculture

One of these road-building projects is the Baker River road in Whatcom County and lies within the Washington National Forest. The project is nine miles in length and will run between the south boundary of the forest to the south end of Baker Lake. The sum of $46,000 has been allotted for the work. The road when completed will open up a large interior region that can now be reached only by trail, thus being of great value from a protective as well as a recreational standpoint. It will also be of value to the United States Fish Hatchery at Baker Lake.

The other project consists of seven miles of the Middle Fork Snoqualmie highway located partly within the Snoqualmie National Forest and partly within King County. The sum of $50,000 has been appropriated for the construction work, King County co-operating to the extent of building a bridge over the Pratt River.

This highway when completed will be of immense value to the Snoqualmie National Forest from the protection standpoint, as it will open up a large interior region containing heavy timber.

The Secretary of Agriculture has also authorized an additional $10,000 of the Section S Highway fund for the construction of the Mount Baker road in Whatcom County, Washington, and within the Washington National Forest. This additional allotment brings the total amount allotted for this highway up to $127,000, two-thirds of which is from Federal funds and one-third of which is furnished by Whatcom County.

WATERPROOFING CONCRETE

Tests on waterproofing of concrete, conducted in Switzerland, seem to indicate that any concrete structure may be made waterproof without the addition of special materials. Careful proportioning of the mix and good workmanship are the essential requirements. A clay coating on old structures was found unsuccessful in stopping leaks or filtration, but it is expected that a mixture of clay and sand may give better results.

DURABLE FINISH FOR WOOD AND METAL PERFECTED

After many years of experimentation, chemists have developed a new finish for wood and metal, which it is claimed is so durable, tough and hard that it will resist high degrees of heat, hot or cold liquids and hot plates or dishes. It is described also as absolutely waterproof—in fact it can be washed with soap and water, according to E. I. Dupont De Nemours and Co., of Wilmington, Delaware.

The new material which is known as viscolac is now in use in many wood and metal working industries including the manufacture of automobiles and furniture. It is made of ingredients entirely different from those of the old style varnishes. It is a pyroxylin solution, which is developed from cotton and which seems to have a natural affinity for wood and metal surfaces of all kinds.

It has been tested under some of the most difficult conditions, even live steam having been turned on it and yet it was found to survive this test. Chemists state that it does not readily chip or crack, is unusually hard and tough and has the extraordinary advantage from a manufacturing standpoint that it air-dries very rapidly.

The chemists who produce viscolac believe that it will completely revolutionize the art of wood and metal finishing. They point to the fact that tables and other household furniture finished with this new material are completely immune from any harmful effects of food or any kind of liquids being spilled on them.

SAN FRANCISCO BUILDING PERMITS TOTAL $4,213,346

San Francisco building operations for June, 1923, totaled $4,213,346, according to figures compiled by Chief Inspector of Buildings John P. Horgan of the Department of Public Works. During the month 868 permits were issued.

Following is a complete tabulation of the activities of the past month as reported by Horgan:

Class	No. of Permits	Est. Cost
"A"	1	125,000
"B"	3	267,340
"C"	41	1,348,399
Frames	317	1,829,763
Alterations	504	394,696
Public Buildings	2	247,542
Total	868	$4,213,346

FRESNO BUILDER IS BANKRUPT IN LOS ANGELES

A voluntary petition in bankruptcy has been filed in the United States District Court at Los Angeles by E. Porter Smith, building contractor of Fresno. In his petition Smith listed his liability at $53,755.68, and his assets at $32,000.

Only three Fresno men are among his creditors. They are Edward L. Smith and Peter and Raymond Heisdors, to whom he owed sums ranging from $95 to $140 for labor.

Smith's biggest liabilities are two promissory notes, one for $10,0000 and the other for $11,000. Two contracting houses in Oakland, several San Jose and Los Angeles in several other cities, also are listed as creditors.

STONE, STOCKTON ARCHITECT, OPENS OAKLAND OFFICES

Lewis Stone, Stockton architect, has opened permanent offices in Room 16, 3[illegible] Webster street, Oakland. Mr. Stone formerly had a temporary quarters at 1241 Webster street, Oakland. He will continue to maintain offices in the Belding Bldg., Stockton.

Business In Twelfth Federal Reserve District

(By John Perrin, Federal Reserve Agent, San Francisco)

During May, production and distribution proceeded at levels only slightly below those of the first quarter of the year, such declines as were noted compared with April having been largely seasonal. The business situation has been characterized, nevertheless, by a spirit of caution which best finds expression in figures showing the movement of bank funds during the month. Total loans of 66 reporting member banks in the principal cities of the district which had increased nearly $100,000,000 during the four months ending May 9th, advanced only $9,000,000 during the four week period ending June 6th. Investment holdings of the same banks declined by approximately $5,000,000 during this latter period so that the total volume of credit advanced by the banks in all forms increased but $4,000,000, compared with increases of $18,000,000 and $35,000,000 during April and March, respectively. Accompanying this diminishing demand upon member banks, discounts of the Federal Reserve Bank of San Francisco declined from the recent peak of $68,000,000 to $61,000,000 on June 13th. The Reserve Bank also sold some of its investments during the past month, its combined holdings of acceptances and United States government securities declining from $58,500,000 on May 16th to $44,000,000 on June 13th, so that total earning assets on that date at $104,801,000 were 16 per cent less than the $124,904,000 held on May 16th.

No such check in productive activity has been noted. The **lumber** mills of the district were operated at greater than single shift capacity during May. New orders received and shipments made were less than production, but stocks of lumber held in mill yards generally are still below normal. The **mines** of the district produced metal in slightly increased quantities as new equipment was placed in operation and recently recruited labor forces gained in experience. **Building** activity continued unabated. The value of permits issued during May was 10 per cent greater than the value of those issued during April, and the number was practically the same. The May figures were but little below the record month of March, 1923. Another new record of **petroleum** production in California was set during May, but the increase over the previous month was the smallest reported this year. Further accumulation of stocks of oil carried storage holdings from 68,935,000 barrels on May 1st to 69,480,000 barrels on June 1st, but this increase was also the smallest reported in recent months. Efforts of the larger operators [illegible] production were [illegible] **employment** of labor [illegible] of the dist[illegible] workers [illegible] requirements [illegible]

The **volume of business** [illegible] in the district during [illegible] cated by debits [illegible] at banks in 21 [illegible] greater than [illegible] increase being [illegible] as the increase [illegible] months of this year [illegible] have been made [illegible] months of 1922. [illegible] retail, [illegible] ported by 31 [illegible] 10.3 per cent [illegible] May 1913, the [illegible] excepting the [illegible] each year were [illegible] in any month [illegible] At **wholesale** the [illegible] goods showed a [illegible] many lines, but with the [illegible] cultural implements [illegible] greater than one year ago. [illegible] of the eleven lines which [illegible] to this bank the value [illegible] ed 15 per cent [illegible] May, 1923, as compared with [illegible] The number of **business failures** [illegible] during the month [illegible] were chiefly involved [illegible] of liabilities reported [illegible] in any month since [illegible]

The general level of **prices** [illegible] slightly during May. The [illegible] ber of wholesale p[illegible] the United States Department of Labor stood at 156 for the [illegible] of three points or 1.9 per cent [illegible] previous month. [illegible] discrepancies continued [illegible] agricultural products [illegible] modities selling at prices [illegible] of a year ago, while other [illegible] prices well above the [illegible] of May, 1922. Prices of the [illegible] metals, including copper, lead and [illegible] ago, declined, and are now [illegible] 15 per cent below the [illegible] of March, 1923.

Weather conditions [illegible] generally favorable for the [illegible] of farm **crops** and of [illegible] **livestock**. The condition of the growing grains improved in all [illegible] district during May. A yield of [illegible] in excess of last year [illegible] now reported to be in prospect. [illegible] of wool has been completed, 66 to 80 per cent of the total [illegible] approximately 78,000,000 pounds [illegible] sold by the growers at the [illegible] received since 1919. Li[illegible] generally are reported to be in good condition and marketing is [illegible] in an orderly manner.

LUMBER COMPANY INCREASES CAPITAL STOCK

One million dollars has been added to the capital stock of the Panhandle Lumber Co. of Spokane, Wash., which is now $5,000,000.

"This increase is to provide additional working capital," said John Dimeling of Spokane, vice-president and general manager of the company. "The mill at Spirit Lake and possibly that at Ione will be equipped with resaws to increase the capacity. Greater capacity is necessitated by the short summer season if sufficient dry lumber is to be secured before bad weather sets in. The additional capital is required to finance these contemplated improvements and future purchases of timber. While the present lumber market is a little off, I am optimistic for the future."

NAVY HOSPITAL CONSTRUCTION RECOMMENDED

Rear Admiral E. R. Stitt, Surgeon General of the U. S. Navy and Chief of the Bureau of Medicine and Surgery, now in San Francisco, on his return to Washington will recommend the construction of a modern fireproof hospital at Mare Island, the cost of which will be in the neighborhood of [illegible]. Other improvements [illegible] ended include the razing of [illegible] structures in the vicinity [illegible] Mare Island hospital [illegible] of fireproof structures [illegible] and enlarging of the [illegible] Navy Hospital so that it [illegible] will accommodate 100 [illegible] as at present [illegible] additional appropriation [illegible] additions to the [illegible] at San Diego, which has [illegible] occupied and which has [illegible] $1,[illegible]00.

Building News Section

APARTMENTS

Contracts Awarded.
APARTMENTS Cost, $100,000
SAN FRANCISCO. NE Leavenworth and O'Farrell Sts.
Six-story and basement concrete apartment building (50 apts).
Owner—Abdah Stock, 919 Sutter St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco
Excavating, concrete and carpentry work awarded to the Mission Concrete Co., Call Bldg.
Sheet Metal Work to Anderberg & McCaron, 1998 Polk St.
Plumbing to Higgins & Kraus, 730 Tehama St.
Steam Heating to Reliable Plumbing & Heating Co., 350 5th St.
Painting to Tessier & Thompson, 2029 Fillmore St.

Completing Plans.
APT. BLDG. Cost, $25,000
OAKLAND, Alameda Co., Cal., Excelsior and Lakeshore Ave.
Two-story frame and plaster apartment bldg. (8 3-room apts.).
Owner—August Johnson.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Plans will be ready for figures in about a week.

Plans Being Figured.
APARTMENTS Cost, $——
SAN FRANCISCO. N Pacific Ave. near Central Avenue.
Three-story and basement apartment building (6 4-room and 8 5-room apartments).
Owner—S. A. Schwartz.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
Steel frames, sub-basement which will accommodate 20 care, automatic elevator, steam heat, etc.
Figures are being taken for a general contract.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN FRANCISCO, SE Julian Ave. and 15th Street.
Three-story and basement frame (8) apartments.
Owner—Mary Jane Anglum, 51 Guerrero St., S. F.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—A. H. Beetham, 3555 18th St., San Francisco.

Sub-Figures to be Taken in a Few Days.
APARTMENTS Cost, $115,000
SAN FRANCISCO. SW Sutter and Leavenworth Streets.
Six-story and basement concrete (23) apartments.
Owner—L. E. Ham, 107 Montgomery St., San Francisco.

To be Done by Day's Work.
APARTMENTS Cost, $40,000
SAN FRANCISCO. S O'Farrell 137-6 W Hyde Street.
Four-story and basement concrete (23) apartments.
Owner—Carl F. Ernest, 1631 20th Ave., San Francisco.
Architect—None.

Contract Awarded.
APARTMENTS Cost, $26,000
OAKLAND, 14th and Adeline Sts.
Two-story 28-room apts.
Owner—H. Aronsen.
Contractor—California Builders, 1534 Franklin St., Oakland.

Figures To Be Taken Next Week.
APT. BLDG. Cost, $—
SAN FRANCISCO, Bay and Gough Sts.
Two-story frame and stucco apartment bldg. (4 4-room apts).
Owner—Miss Enid Crippen.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured.
ALTERATION Cost, $16,000
OAKLAND, Fairmont & Garland Sts.
Alter 2-story frame residence into 4 4-room apartments.
Owner—Lars Olsen.
Architect—W. H. Ratcliff Jr., 1st Natl. Bank Bldg., Berkeley.

Figures To Be Taken Shortly.
APT. BLDG. Cost, $40,000
SAN FRANCISCO, Scott St., near Lombard.
Two-story frame and stucco apartment building.
Owner—Withheld.
Architect—Evans & Co., 359 Pacific Building, S. F.

LOS ANGELES, Cal. — Architects Dodd & Richards, 905 Brack-Shops Bldg., have completed plans for an apartment house to be erected on Russell Ave. near Western Ave., for W. J. Dodd. It will contain 52 rooms, 42 apartments; 3-story, 65x182 ft., frame and plaster construction, composition roofing hardwood and pine trim and floors, wall beds, tiled baths, steam heating, water heaters. Cost, $120,000.

BONDS

LEMOORE, Kings Co., Cal. — Bond election will be called shortly to vote funds to finance erection of city hall and firehouse.

EUREKA, Humboldt Co., Cal.—Fields Landing School District votes bonds of $10,000 to finance construction of new school.

SAN JOSE, Santa Clara Co., Cal.—County supervisors sell $10,000 bond issue of College Park School District for premium of $18; proceeds to finance school improvements.

LINWOOD, Tulare Co., Cal.—Election will be held July 23 in Linwood School District to vote bonds of $14,500 to finance school improvements. Trustees of district are: J. M. Steiner, E. W. Carlton and R. B. Abbott.

DELHI, Merced Co., Cal.—Election will be held July 2 in Madison School District to vote bonds of $15,000 to finance construction of new school.

RED BLUFF, Tehama Co., Cal.—Election will be held July 20 in Vina School District to vote bonds of $35,000 to finance school improvements. Trustees of district are: Clyde F. Moors, I. D. Wolfe and Ralph Burt.

EUGENE, Ore.—Election will be called shortly to vote bonds of $150,000 to finance construction of junior high school.

FLORIN, Sacramento Co., Cal.—Election will be held July 14 in Florin School District to vote bonds of $17,000 to finance construction of school improvements. Thos. W. Venn, Benj. Thomas and W. L. Landsborough are trustees of district.

HAYWARD, Alameda Co., Cal.—Election held to vote bonds of $30,000, to be added to $45,000 already available, to finance construction of City Hall, failed to carry.

GRIDLEY, Butte Co., Cal.—Trusteest of Gridlay Union High School District will call election to vote bonds of $200,000 to finance construction of new high school.

CHURCHES

LONG BEACH, Cal.—Archt. H. L. Pierce, 603 Wright-Callender Bldg., has been commissioned to prepare plans for a new church bldg., on Atlantic Ave., Long Beach, for the Atlantic Avenue Congregational Church; will contain auditorium and balcony to seat 10,000 people, basement with social hall, kitchen, restrooms, etc. Reinf. conc. and frame constr., plaster exter, tile rfg., gas htg., vtg. system, hardwood fls., art and stained glass; $100,000.

FACTORIES & WAREHOUSES

Contract Awarded.
WAREHOUSE Cost, $16,000
SAN LUIS OBISPO, Cal., Higuera St., near Walker.
One-story and basement brick and concrete warehouse.
Owner—A. Sauer Co.
Architect—John J. Roth, Atascadero.
Contractor—D. Jarvis, Atascadero.

Plans Being Prepared.
SHOP Cost, $600,000 (including equipment)
LOS ANGELES, Cal.
One-story steel and brick locomotive erecting shop 34x498 steel sash and doors.
Owner—Southern Pacific Co.
Architect—Engineering Dept. of Owner S. P. Bldg., S. F.
There will be 24 concrete engine pits served by a 250 ton and two 15-ton traveling cranes.

Owners Taking Figures.
FACTORY Cost, $20,000
SAN FRANCISCO, 25th bet. Potrero Ave. and Utah St.
One and two-story class C concrete factory.
Owner—Williams Bros. Aircraft Corp. 124 Van Ness Ave., S. F.
Architect—R. R. Irvine, 736 Call Bldg., San Francisco.

MERCED, Sal.—See "Schools," this issue. Machine shop and manual training additions to high school.

LIGNI-SALVOR
50 Gal. Bbl. $2.00 Gal.
5 Gal. Cans 11.25 Net
Contains 60% Crude Carbolic Acid in Insoluble Form
Douglas Woodhams & Co.

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

MT. DIABLO CEMENT

A Contra Costa County Product. Awarded Gold Medal P. P. I. E.

Cowell Santa Cruz Lime

Always used where quality counts.

HENRY COWELL LIME & CEMENT CO.

2 MARKET STREET SAN FRANCISCO, CALIF.

BRANCHES

Oakland San Jose Sacramento Santa Cruz Portland, Ore. Tacoma, Wash.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE WEST 3810.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

[illegible] Cal.—Archts. Swasey & [illegible] Bldg., have prepared [illegible] factory bldg., to be erected [illegible] St., near Ezra St. [illegible] & Color Works. One-[illegible] story, 200x160 [illegible] mp. rfg. sawtooth [illegible] steel rolling doors [illegible] it, steel vault door, [illegible] office fixtures; $[illegible]

[illegible] —Plans for a $250,000 [illegible] manufacture auto-[illegible] by J. R. Murray. [illegible] J. R. Murray manager [illegible] of Detroit, who [illegible] cost of a site. A [illegible] the junction of [illegible] Western Pacific [illegible] being considered, [illegible] after viewing the [illegible]

[illegible] A. Co., Cal.—A. J. [illegible] has been awarded [illegible] 200 for erecting a [illegible] at Santa Monica for [illegible] reproof Storage Co. [illegible] doors will be let [illegible] Hutchison, 924 Van Nuys [illegible] The bldg. will be 5-sto[illegible] inf. conc. constr., stucco [illegible] glass, steel sash, comp. rfg., [illegible] elevator, fire doors.

FLATS

Plans [illegible] ared.
FLATS Cost, $20,000
SAN F[illegible] N 18th St. 100 W Va-[illegible]
Two-[illegible] basement frame (4) flats.
Own[illegible]
Archit[illegible] & Co., 359 Pacific [illegible] Francisco.
Figur[illegible] being taken for a general [illegible]

GARAGES

Excavating Contract Awarded.
GARAGE Cost, $200,000
SAN FRANCISCO, SW 17th and Valencia streets.
One-story reinforced concrete garage 222 by 312 feet.
Owner—Jas. D. Phelan.
Contractor—Arthur G. Scholz, Phelan Bldg., San Francisco.
Manager of Construction—J. E. Scully, Phelan Bldg., S. F.
Excavating awarded to H. N. McClure, 608 Octavia St., S. F.

LOS ANGELES, Cal. — Milwaukee Bldg. Co., Sta. Wright & Callender Bldg. has prepared plans and has the contr. to erect [illegible]-story and part 2-story brick store and garage bldg. on Sunset Blvd. near Wilcox Ave. for the estate of Ida D. Veridge. Four stores and garage dimensions, 100x150 ft., brick walls, press. brick facing, plate glass windows, steel beams, comp. rfg., metal skylights, cem. fls., pine trim.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Until July 18, 10:30 A. M., bids will be rec by Panama Canal Commission, for fur. and del. Balboa (Pacific Port), under Circular No. 1541: Wire Rope, Manila Rope, Brackets, Metal Desk and Filing Cabinets, Boiler, Gasoline Tractor, Blowers, Engine Lathe, Bench Grinder, Drill Presses, Wagons, Embossing Press, Relays, Ammeter, Valves, Asphalt Prepared Roofing, Brass, Zinc, Barbed Wire, Desk Glass, Silverware, Suction Hose, Spyglass, Screen-Door Latches, Asbestos Gloves, Sash Cord, Japan Drier, Lampblack, White Zinc, Pine, Redwood and Cypress lumber.

PEARL HARBOR, T. H.—Bureau of Yards and Docks, Navy Department, Washington, D. C., has completed Specification No. 4772, for 12 storage bins and trestle at Naval Operating Base, Pearl Harbor and bids will be asked shortly. The bins will be of reinforced concrete construction, with reinforced concrete columns supported by footing of plain concrete. The trestle will be of structural steel supported by concrete foundations. Drawings and specification No. 4772 may be obtained on application to the bureau, to the commandant, naval operating base, Pearl Harbor, T. H., or to the commandant, navy yard, Mare Island, Cal.; deposit, $10.

PEARL HARBOR, T. H.—Following bids rec. by Bureau of Yards & Docks, Navy Department, Washington, D. C., under Spec. 4767, for refrigerating machinery for Pearl Harbor: (1) entire work complete; (2) do, based on alternative a, self-contained hermetical sealed machine; 3, do, alt. b, direct expansion systems.

Honolulu Iron Works, Honolulu, T. H., item 1, $4500; 2, $4675; 3, $3500.

Frick Co., Waynesboro, Pa., item 1, $3150; 3, $2500.

Milwaukee Steam Appliance Co., 709 63rd Ave., West Allis, Wis., item 1, $3,200; 2, $3148; 3, $2500.

Automatic Refrigerating Co., 618 Capital Ave., Hartford, Conn., item 3, $2565.

Triumph Electric Co., South St., Cincinnati, item 1, $3460; 3, $2900.

Johns-Manville, Inc., Madison Ave. and 41st St., New York city, Item 2, $3348.

SAN DIEGO, Cal. — Following bids rec. at Naval Station, under Spec. 4847, for planting shrubbery at Marine Corps base:

K. O. Sessions, item 1, $2800, 90 days; 2, $135; 3, $428; 4, $660.

Milton P. Sessions, item 1, $2697.70; 2, $120.42; 3, $344.22; 4, $461.36.

WASHINGTON, D. C.—Until July 25, 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department, under Spec. 4844 to const. conc. roads, catchbasins and drains at Naval Operating Station, San Diego, Calif. **See call for bids under official proposal section in this issue.**

DENVER, Colo.—Following bids rec. and awards made by U. S. Reclamation Service for furnishing gate hoists, operating machinery, etc., under Spec. 326-D, advertisement No. 34,526:

Schedules 1 and 2 Only

Vulcan Iron Works, f. o. b. Denver, Colo., $1211, accepted.

Joshua Hendy Iron Works, f. o. b. San Francisco, $1716.

McGann Mfg. Co., f. o. b. York, Pa., $1594.

Ogden Iron Works, f. o. b. Ogden, Utah, $5000 lump sum bid for all items and schedules of this advertisement.

Schedules 3 and 4 Only

Omaha Steel Works, f. o. b. Omaha, Nebr., $2537.60, accepted.

Vulcan Iron Works, f. o. b. Denver, Colo., $3595.

Ogden Iron Works, f. o. b. Ogden, Utah, $5000 lump sum bid for all items and schedules of this advertisement.

Joshua Hendy Iron Works, f. o. b. San Francisco, $4301.50.

McGann Mfg. Co., f. o. b. York, Pa., $4309.

WASHINGTON, D. C.—Until July 25, 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department, under Spec. No. 4870, for screens and doors, windows and transoms at Naval Operating Base (hospital), San Diego, Calif. **See call for bids under official proposal section in this issue.**

WASHINGTON, D. C.—Until July 25. Bids will be rec. by Bureau of Yards and docks, Navy Department, under Specification No. 4871, to const. conc. roads, walks, gutters, curbs, catchbasins and drains at Naval Operating Base (hospital), San Diego, Calif. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal. — Following bids rec. at Naval Station, San Diego, under 4872, for grading:

Geo. R. Daley, $1.15; 60 days.

W. E. Kier Construction Co., $1; 60 days.

Pioneer Truck Co., 69c; 60 days.

H. G. Fenton, 64c; 60 days.

WASHINGTON, D. C.—Until July 18, bids will be rec. by Bureau of Yards and Docks, Navy Department, under Spec. No. 4861, for electric traveling bridge crane for navy yard at Puget Sound, Wash. Plans obtainable from Bureau on Deposit of $10.

WASHINGTON, D. C.—Until July 18, under Specification No. 4860, bids will be rec. by Bureau of Yards and Docks, Navy Department, to construct two storehouses and magazines at naval ammunition depot, Puget Sound, Wash.

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Department, is completing specifications for the following projects, further mentions of which will be made when plans are ready for bids:

Specification 4859, Pearl Harbor, H. T., 1 story storehouse.

Specification 4863, Pearl Harbor, roofing building 67.

Specification 4864, Pearl Harbor freight elevator, pier No. 1.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalmein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing
PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

HALLS AND SOCIETY BUILDINGS

Architects Selected.
LODGE & STORE Cost, $1,000,000
SACRAMENTO, Cal. 11th and J Sts.
Six-story class A lodge and store bldg 100x160.
Owner—Elks Club of Sacramento.
Architect—E. C. Hemmings & Leonard F. Starks associated, Oschner Bldg. Sacramento.
Consulting Architect—Jens C. Petersen, Peoples Bank Bldg., Sacramento.

Plans Being Prepared.
LODGE BLDG. Cost, $—
LOS BANOS, Merced Co., Cal.
Two-story hollow tile and brick store and Lodge building 60x120 ft.
Owner — Masonic Fraternity of Los Banos.
Architect — Henry F. Starbuck, 2550 Merced St., Fresno.

DELANO, Kern Co., Cal.—I. O. O. F. Lodge of Delano plans erection of modern store and lodge hall in Eleventh etreet. Committee has been appointed to work out means to finance the proposed structure. Committee consists of: O. W. Marten, A. F. Porter and Wm. Burchett.

BREMERTON, Wash.—Bids will be asked shortly by Architects Lawton & Moldenhour, Alaska Bldg., Seattle, for five-story and basement steel and concrete, 101½ by 120 ft., Y. M. C. A. building; est. cost, $150,000.

POMONA, Cal. — Archts. Hunt and Burns, 701 Laughlin Bldg., are preparing plans for an auditorium addition to he erected to the clubhouse of Pomona Ebell Club at Pomona. It will contain an auditorium with balcony, dressing rooms, committee rooms and kitchen; frame constr., shingled exter. and roof, pine trim, staff, oak fls., gas heating.

HOSPITALS

Sub-Contracts Awarded.
HOSPITAL Cost, $300,000 or more
SAN FRANCISCO, S Sutter E Larkin.
Ten-story and basement class A reinforced concrete and steel hospital bldg. 56x137-6 (college of Electronic Medicine).
Owner—Dr. Albert Abrams.
Architect — Mel I. Schwartz, Nevada Bank Bldg., San Francisco.
Structural Steel awarded to Shrader Iron Works, $60,780.
Grading, excavating, reinforcing steel and concrete work to John Spargo, Russ Bldg., $87,150.
Sub-figures on the balance of the work will be taken as construction progresses.

OLYMPIA, Wash. — Architect John Graham, L. C. Smith Bldg., Seattle, completing plans for proposed $400,000 St. Peters Hospital to be erected in Olympia. Bids are now being taken for excavating approx. 6000 cu. yds. of earth at site. Details of construction will be published later.

LOS ANGELES, Cal. Walter Slater Co., Inc., 2314 Santa Fe Ave., submitted only complete bid to county supervisors, July 2, at $114,000 for the general contract for completing the infirmary buildings at the county farm and on the other propositions for this work as follows: (a) screening present infirmary bldgs. and construction of building 1, including pipe tunnel and including concrete approach, $21,750; (b) screening present infirmary buildings, construction of buildings 1 and 8, including tunnel and approach, $40,-250; (c) screening present infirmary buildings, constructing buildings 1, 2 and 3, including tunnel and approach, $58,750; (d) each separate building, beyonnd No. 3, including additional pipe tunnel, etc., $18,500. Extra prices as follows: (1) 60c yd. grade 1 concr. and 50c yd. grade 2 concr.; (2) 15c sq. ft. extra or less lumber, in place; (3) $1.50 yd. additional or less excavation; (4) 6c extra or less reinf. steel; (5) 25c extra or less cement walks. Time limit (a) 120 working days; (b) 150 working days; (c) 180 working days; (d) each building, 30 days. Other bids were:

C. A. Williams, San Fernando—(a) $17,228; (b) $33,357; (c) $49,484; (d) $16,100; (1) 50c; (2) 30c; (3) $1; (4) 8c; (5) 23c; time limit, (a) 90; (b) 110; (c) 130; (d) 20.

Louis A. Geisler—(a) $19,122; (b) $38,042; (c) $56,942; (d) $18,8450; (1) 65c and 60c; (2) 10c; (3) $1.50; (4) 8c; (5) 25c; time limit, (a) 90; (b) 120; (c) 150; (d) 30.

LOS ANGELES, Cal.—Archt. John C. Austin, 1125 Baker-Detwiler Bldg., is completing plans for the new hospital bldgs., to be erected at Sunset Blvd. and Beaudry Ave., for St. Vincent's Hospital. They will provide accommodations for 200 beds with arrangements for 100 additional rms. There will be new administrative depts., kitchens, 5 operating rms., complete depts. for children and maternity cases, clinic, dormitories, and chapel. The main bldg. will be 8-story, class A steel frame constr., brick walls, reinf. conc. fls., stucco and cast stone exter., tile rfg., 3 passenger and 3 service elevators, steam htg., vacuum cleaning, marble and tile work. There will be a separate bldg. to contain laundry and heating plant in the first story with quarters for male and female help in the second story. The cost is est. at $1,250,000.

LONG BEACH, L. A. Co., Cal.—Until 10 a. m., July 19th, bids will be rec. by City Manager Windham, 205 City Hall, Long Beach, for erecting the new municipal hospital bldg. at State and Termino Sts., Long Beach. Cost about $170,000. Hugh R. Davies and Edward J. Baume, 514 Marine Bank Bldg., Long Beach, archts. Reinf. conc. constr., 3-wing type connected with cloister and administration bldg. in central patio. Tile rf.

SANTA ANA, Cal.—Santa Ana Valley Hospital Assn. will collect subscriptions on first and second payments of subscriptions toward the new $100,000 hospital in order to get work started as soon as possible. Dr. C. D. Ball is promoting the organization.

HOTELS

Plans To Be Prepared.
HOTEL Cost $—
MT. TAMALPAIS ,Marin Co., Cal.
Fireproof hotel (to replace "The Tavern," which was recently destroyed by fire).
Owner — Mount Tamalpais & Muir Woods Railway, Pacific Bldg., S. F. R. H. Ingram, manager.
Architect not selected .
There will be a directors' meeting within ten days, when it will be decided the type of construction, when work will be started and cost of building.
In all probability Bliss & Faville, Balboa Bldg., S. F. will be the architects, as Mr. Faville is one of the directors.

Completing Plans.
HOTEL Cost—
LOS BANOS, Merced Co., Cal. Eye St.
Three-story reinforced concrete hotel. 50x80 ft.
Owner — Triglia & Pedrone, Oberon Hotel, Los Banos, Calif.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

SANTA BARBARA, Cal.—Los Angeles men are said to be interested in a modern apt. hotel to be erected on the Charles Frederick Eaton lands at Chapala and West Carrillo Blvd. The new structure will be on the sea front. A pretentious bldg. with landscape design is planned. The owners names have not been disclosed.

WHITTIER, Cal.—Plans for the William Penn Hotel, cor. Philadelphia and Washington Sts., have been enlarged to 4-story instead of 3. The building will have a 3-story front with the rear portion 4 story. The structure will contain 52 rms. with numerous apts. Boyd W. Doyle and Sydney Jewel are organizing the new company. Mr. Jewel is to be manager. Lumber will be furnished by the Barr Lbr. Co., and plumbing will be done by the Whittier Hardware Co.

SANTA BARBARA, Cal. — Chas. B. Hervey, prop. of the Samarkand, and the Maryland, San Diego, has leased the proposed new El Presidio hotel to be erected at State and Cota Sts. by the Mission Hotel Co., for 15 years. Plans for the bldg. have been revised by J. F. Walker, director of the El Presidio Hotel Co. Bldg. will be 4-story, contain 160 rms., Spanish design with wrought iron ornaments. Constr. will cost about $250,000, while furnishings and equipment will run another $200,000.

ICE AND COLD STORAGE PLANTS

SAN JOSE, Santa Clara Co., Cal.—Cyclops Iron Works, 837 Folsom St., San Francisco, at $6149 awarded contract by county supervisors to install refrigerating and ice-making plant and erect structure to house same at county hospital. Other bids: York-California Const. Co., $5575; American Ice Machine Co., $6360; Vulvan Iron Works, 4787; Automatic Refrigerating Co., $5975.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

POWER PLANTS

VISALIA, Tulare Co., Cal.—California Irrigation Dist. [illegible] Mitchell, general manager, [illegible] estimates prepared to install [illegible] generating plant to supply [illegible] for resort.

SAN JOSE, Santa Clara Co., Cal.—Until [illegible] M. bids will be rec. by Harry [illegible] County Clerk, for new power [illegible] distributing system [illegible] Clara county hospital. Specifications on file in office of clerk.

SALEM, Ore.—A. D. Gardner, Stayton, Ore., [illegible] State Eng. Percy Cupper to appropriate 1000 sec. ft. of water for power development from the North Santiam River. Proposed to develop total of 13,646 h. p. at 4 points between Mehama and present development at Stayton at cost of $250,000.

PUBLIC BUILDINGS

All Bids Rejected—Plans May Be Re-Drawn.

CITY HALL Cost, $600,000

STOCKTON, San Joaquin Co., Cal., El Dorado, Central, Fremont and Lindsay Streets.

Class A City Hall.

Owner—City of Stockton.

Architect—J. Pearce, of David-Heller-Pearce Co., Jos. Losekann and Pete Salz, as a firm, Delta Bldg., Stockton.

The new Council has canceled all contracts and it has not been decided whether new plans will be ordered drawn or if new bids will be called for. The general contract was awarded to Howard S. Williams of S. F. at $393,600, Mechanical Equipment to Ed. L. Gnekow Stockton, at $61,068 and Jail Equipment to the Kalston Iron Works of S. F., at $36,465.

Bonds Voted—Working Drawings Being Prepared.

BUILDINGS Cost, $190,000

HANFORD, Kings Co., Cal.

Fireproof municipal auditorium and other civic buildings.

Owner—City of Hanford, D. C. Williams, city clerk.

Architect — Coates & Traver, Rowell Bldg., Fresno.

In the proposed group will be the auditorium, American Legion building, county hall of records, county library and city hall.

Plans call for landscaping the land. It will be contiguous to the court house park and forms a 10-acre public square in the head of the city.

Sub-Contracts Awarded.

COTTAGE Cost, $73,480

AGNEW, Santa Clara Co., Cal.

Two-story reinforced concrete and frame employees cottage (41 rooms, reinforced concrete walls and corridors, tiled roof, plaster exterior).

Owner—State of California.

Architect — Geo. B. McDougall, State Architect, Forum Bldg., Sacto.

Contractor — Carl H. Peterson, Sharon Bldg., San Francisco.

Heating & plumbing to J. E. O'Mara, 218 Clara St., S. F.

Electric work to M. E. Ryan, 251 Tehama St., S. F.

Reinforcing steel to Badt-Falk Co., Call Bldg., S. F.

FAIRFIELD, Solano Co., Cal.—M. G. West Co., at $1,175 awarded contract by supervisors to furnish and install counter and desk in office of Tax Collector.

VALLEJO, Solano Co., Cal.—Provision will be made in the 1923-24 budget for funds to complete fire station at Sacramento and York Sts. Alf. E. Edgcumb is City Clerk.

FRESNO, Fresno Co., Cal.—Jolly and Jolly, 547 Echo St., Fresno, at $9200 awarded contract by city commissioners to erect community house at Holmes Playground and at $15,444 to erect fire house at Butler and Santa Fe Aves.

OAKLAND, Alameda Co., Cal.—The following bids were received on July 2nd, by Geo. E. Gross, Clerk of Alameda County, for the construction of a two-story reinforced concrete addition to the detention home situated at Eighteenth street, between Poplar and Union streets in Oakland. Plans were prepared by Architect Henry H. Meyers, Kohl Bldg., San Francisco. The general contract was awarded to F. W. Maurice, 1362 E-25th St., Oak and the cell construction, window guards, door gratings, etc., was awarded to the Pauly Jail Co., at $28,257. Other bidders were:

Robt. Trost, San Francisco	$78,755
E. T. Leiter & Son, Oakland	82,587
Schuler & McDonald, Oakland	82,971

NOTE:—Sandy Pratt's now famous mammoth $250,000 contest for a trade or commercial name for the Pratt Rock & Gravel Co.'s new crushed rock from Prattrock, near Folsom, is going merrily on with 132 different contestants from Boston to Sacramento and it is not too late for you to win part or all of the $250.00 in prizes offered by Sandy, president of the Pratt Building Material Co., largest exclusive producers of clean, sharp sand in California.

But, a gentleman formerly of China, now of the famous grape juice plains of Lodi seems disturbed because Sandy Pratt, in a moment of money shortage, asked Mr. Sam Lee Lung to remit for a long overdue account. Sandy prints below Mr. Lung's wire and Sandy's ten-word reply, also by wire.

Lodi, Calif., June 19, 1923.

Clarence Sand Pratt, President,
Pratt Building Material Co.,
San Francisco.

I pay fifty-five cents for nite letter telling you ship me quick carload American River patriotic sand. I want plant seed to raise flowers pretty soon hot summer not raise plants no grow in summer time. You rite bad sassy letter say you want money for carload Marysville sand you shipped last December from Marysville. This sand no good for plants him too sharp cut little plants in hundred threads. Maybe so American River sand little smaller and no cut little flowers so bad if sand good we send check. You say you cause much trouble I no pay Marysville sand. We have Tong war my pardner he got shooted in leg now in China hospital on Clay Street and city stop gambling house we got no business we no care you make trouble we no got no money. After while we open new business and maybe so we make money we pay you up You go see Chung Sing he owe us money in San Francisco he pay you then you tell me your letters make me sick.

SAM LEE LUNG.

Sam Lee Lung,
Lodi, California.
Send check if check good we send American River sand.
PRATT BUILDING MATERIAL CO.

CLARENCE'S SUGGESTION to Sammy is.
• • •
THAT NEXT time.
• • •
HE WRITE a letter.
• • •
COSTING FIVE cents.
• • •
AND SEND the extra 50c.
• • •
TO APPLY on account.
• • •
THEN SAM would owe $25.00.
• • •
INSTEAD OF $25.50.
• • •
IF THIS chink.
• • •
GETS ANY more sand.
• • •
FROM CLARENCE Sand Pratt.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
WITHOUT LAYING the money.
• • •
ON THE table.
• • •
BEFORE WE ship.
• • •
THEN WE don't ship sand.
• • •
OUT OF the American River.
• • •
OR YUBA River.
• • •
IT IS customary.
• • •
TO PAY bills.
• • •
WHETHER THE police.
• • •
SHUT UP your gambling house.
• • •
OR EVEN if your partner.
• • •
IS SHOT.

IN THE Chinese indoor sport.
• • •
CALLED "TONG War."
• • •
IF SAM doesn't start planting.
• • •
TILL WE ship the sand.
• • •
HE WILL not have flowers.
• • •
FOR THE Centennial Celebration.
• • •
IN 1976.
• • •
"I THANK you."

Sandy Pratt's guard No. 13, waiting at Sam Lee Lung's cabin door for Mr. Lung to "cough up" the $25.50. Now, dear reader, all the above is only a story to entertain you perhaps for a few minutes. As a matter of fact, Sandy Pratt, producer of clean, sharp sand, needs no guards to collect his money. All our customers pay their bills promptly.

LOS ANGELES, Cal.—Willis B. Kyle, 809 I. W. Hellman Bldg., submitted low bid to county supervisors July 2, at $802,900 for fabricating and erecting steel work for new Hall of Justice, N. Broadway and Temple Sts., involving about 7000 tons. Extra prices were: (1) 6.2c lb. for additional girders and columns; (2) 5.65c lb. for commission of birders and colmuns; (3) 6c lb. for additional iron castings; (4) 5.45c lb. omission of iron castings; (5) 5 5c lb. additional beams including connecting parts; (6) 4.95c lb. omission of beams, etc.; (7) 6.7c lb. additional plate and angle work; (8) 6.15c lb. omission of plate and angle work; time limit, 300 days from date of contract. Other bids were:

Llewellyn Iron Works—$861,700; additions or deductions as follows: (1) 6.25c; (2) 5.5c; (3) 6.2c; (4) 5 5c; (5) 5.1c; (6) 4.25c; (7) 7.2c; (8) 6c; time limit, 10½ months.

Baker Iron Works—$884,000; (1) 6¾c (2) 5½c; (3) 6.25c; (4) 5.5c; (5) 5c; (6) 4¾c; (7) 7.25c; (8) 6c; time limit, 11½ months.

RICHMOND, Contra Costa Co., Cal.—F. W. Wentworth Co., San Francisco, at $8859.79 awarded contract by city council to furnish and install furniture in Carnegie Library.

RESIDENCES

Plans Being Figured.
RESIDENCE Cost, $20,000
VISALIA, Tulare Co., Cal.
Two-story frame residence (Old English style) 10 rooms.
Owner—Miss J. S. Johnson, Visalia.
Architect—Ernest J. Kump Co, Rowell Bldg., Fresno.

Plans Completed—To Be Done By Day's Work.
RESIDENCE Cost, $18,000
SAN FRANCISCO, NW Larkin & Francisco Sts.
Two-story and basement frame residence.
Owner—Dr. C. A. Walker, Bush and Hyde Sts. S. F.
Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.

Bids in and Under Advisement.
RESIDENCE Cost, $10,000
SAN FRANCISCO, Lake Street.
Two-story frame and plaster residence
Owner—Shepherd French.
Architect—H. H. Gutterson, 298 Post St., San Francisco.

Owner To Take Segregated Figures.
RESIDENCE Cost, $40,000
FRESNO, Fresno Co., Cal.
Two-story hollow tile and stucco residence and separate garage (16 rms 4 baths).
Owner—E. O. Thompson, 2535 Madison Fresno.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Plans will be complete in about a week.

LOS ANGELES, Cal.—The following people have purchased sites and contemplate building residences at Alta Canyada:

Peter Dogger, 941 Palm Terrace, Pasadena, will build in the fall.

F. Ikelberger, 541 N. Maryland Ave., will build in the fall.

T. C. Dilley, 1210 Dorothy Dr., Glendale, will build in the fall.

F. E. Spencer, 733 W. 8th St.

J. W. Cleland, 1904 Gardena Ave., chief engineer, So California Gas Corp., will build in the fall.

F. C. Bigood, 309 N. Alvarado St., Hollywood, will build in early fall.

J. C. Reynolds, Hillard Ave.

Volney Kinney, Niagara Bldg., Buffalo, N. Y., Attorney.

Chas. Skooglun, St. Paul, Minn., contractor.

H. E. Sharman, 313 S. San Pedro St., will build in winter.

R. P. Snoks, 308 E. 3rd St.

Mrs. Alma B. Blake, 519 Mountain View Ave., Altadena.

Jacob Portenstein, 1734 Kenmore Ave.

David B. Crossman, 1704 Roosevelt Avenue.

D. R. Radford, 400 N. Avenue 19, president West American Rubber Co.

Chas. G. Schwitzer, 6725 Mira Monte.

R. W. Rastall, 4507 Montea Ave., will build in the fall.

M. L. Nelson, 5626 La Mirada Ave.

A. H. Schmidt, owner Pacific Drug Co., 9th St. and Grand Ave.

I. B. Jamison, Newton, Mass., pres. J. B. Jamison Cotton Mills, will build an $80,000 residence in the fall.

Geo. F. Reuter, 224 Court St.

Clarence V. Hamrock, Pacific Sash & Door Co., Pasadena, will build a $35,000 resident soon.

John F. Martin, 519 S. Flower St., will build a $50,000 residence.

Arthur E. Gresse, 5860 Pasadena Ave.

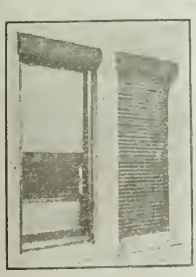
J. F. McSwain, 117 Florence Ave., Huntington Park.

L. C. Russell, 169 S. Central St., Glendale.

D. C. Messinger, 5863 Hollywood Blvd.

Oliver O. Clark, Chapman Bldg., attorney.

KINNEAR ROLLING · DOORS



Furnished for the closure of all types of door and window openings.

Underwriters Label furnished when desired

Pacific Materials Co.

525 Market Street San Francisco

SCHOOLS

Plans Being Figured.
CONVENT Cost—
VISALIA, Tulare Co., Cal., St Mary's Parish.
Two-story 8-room frame convent and a 1-story 4-room brick and tile parochial school.
Owner—Roman Catholic Archbishop.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Plans Completed.
SCHOOL Cost, $40,000
WOODLAKE, Tulare Co., Cal.
One-story concrete and brick elementary school.
Owner—Woodlake School District.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Bids Opened.
ADDITIONS Cost $—
KENTFIELD, Marin Co., Cal.
Additions to school.
Owner — Kentfield School District, Frank Bush, Clerk.
Architect—J. W. Dolliver, 855 Monadnock Bldg., San Francisco.
S. Saywell, San Anselmo.....$2832
R. Watson 3200
F. H. Allen 3416
F. W. Warren 3840

SANTA BARBARA, Cal.—D. A. Wagner, Call Bldg., San Francisco, submitted low combined bid to board of education June 28, at $294,579 for general work on the proposed Franklin, Washington (Roosevelt), schools and the Franklin Kindergarten. All bids were rejected, plans will be revised and new bids called for. The grammar schools will be 1-story and basement class C bldgs. and the kindergarten a 3-room class C bldg. Soule, Murphy and Hastings, 1206 State St., Santa Barbara, architects. His separate bids were: Franklin, $129,916; Washington, $145,670 and kindergarten, $18,993. The question of addition, including assembly room and 4 extra class rooms to each of the larger bldgs. is before the board at present, but has not been decided as these additions will involve the expenditure of an additional $100,000, necessitating another bond issue. Otto Hdwe. Co., Santa Barbara, submitted low bid on heating at $13,976, or $6988 for each of the grade schools. The kindergarten is not to be heated. Dugan Paulding & Crowell Co., Santa Barbara, submitted low bid for plumbing at $23,590, or $10,822 for the Franklin school, $7835 for Washington Bldg., and $1923 for the kindergarten. Fred A. Downer, Santa Barbara, was low bidder for electric wiring at $7733 or $3808 for each of the larger schools, and 117 for the kindergarten. The total of the low bids amounted to $339,873.

BAKERSFIELD, Kern Co., Cal. — W. Bruce Watt, Bakersfield, at $7.50 each, awarded cont. by Board of Education to furnish and install 380 desks in Roosevelt and other schools.

PETALUMA, Sonoma Co., Cal.—The Board of Education awards contracts as follows for school buildings.
for corridors of Washington grammar Nielsen Furniture Co., for linoleum for corridors of Washington Grammar and Lincoln Primary schools.

David Gutermute for painting and tinting Washington Grammar and Lincoln Primary schools.

Geo. W. Van Bebber to erect two fire escapes on Washington Grammor school.

SAN DIEGO, Cal.—Until July 16, bids will be received by board of education for building a 2-story gymnasium bldg., 100x40 ft., the lower story to contain the gymnasium equipment. The lockers will be located in the new bldg. Former plans formerly ordered showed the lower floor housing the auto and print shops, but owing to increased attendance, the entire lower floor was needed for lockers, hence the change in plans. E. M. Hoffman, Spreckels Bldg., archt. Cost, $40,000.

MER[illegible] Merced Co., Cal.—Until July [illegible] rec. by H. K. Lan[illegible] Clerk, Merced Union High School [illegible] machine shops and [illegible] building and remodel[illegible] with wings of present high [illegible] & Allison, Architects, [illegible] Bldg., Los Angeles; [illegible] Engineer, 21 Shaffer [illegible] associate. See call for bids under official proposal section in this issue.

DINUBA, Tulare Co., Cal.—Election will be held July 11 in Dinuba Grammar Scho[illegible] District to vote direct tax of $14,690 to finance school improvements.

LOS ANGELES Cal.—Archts. Morgan Walls & Morgan 1124 Van Nuys Bldg., are completing plans for a new bldg. to be located at Polytechnic hig school site at Washington and Hope Sts. It will be 3 story and will contain 24 class rooms, and an auditorium to seat [illegible] people; dimensions 316x160 ft., brick constr., plas. exterl., cast stone trim, comp. rfg., steel sash, pine trim, reinf. conc. corridor fls., and stairways, cost $340,000.

SAN FRANCISCO—Until July 25, 3 p. m., bids will be rec. by Bd. Pub. Wks. to furnish and install stage draperies in North Beach (Galileo) high school in Van Ness Ave., bet. Bay and Francisco Sts. Total est. cost $3000. Bond of $750 required of successful bidder. Specifications obtainable from Bureau of Architecture, 2nd floor, City Hall. City Hall.

PARLIER, Fresno Co., Cal.—Until July 12, 3 P. M., bids will be rec. by Parlier Union High School District to lath and plaster entire interior of auditorium. Coates & Traver, architects, Rowell Bldg., Fresno. Cert. check 10% payable req. with bid. Plans obtainable from architects.

LOS ANGELES, Cal.—Archt. H. M. Kimball and R. H. Holbrook, 7419 Sunset Blvd., have completed plans for two new wings to be erected at Malabar St. school site. There will be 12 units; brick constr.; $80,000. The board of education will advertise for bids shortly.

PITTSBURG, Contra Costa Co., Cal.—The following bids were received for the heating on the Pittsburg Grammar School. Plans were prepared by Archt. Wm. C. Hays, 1st Natl. Bank Bldg., San Francisco.

Thomas J. Kennedy, Martinez, $418, $52 $4760, $2715, $52, $327.

J. E. O'Mara, S. F., $444, $75, $4944, $2832, $40, $336.

W. K. Nottingham, Oakland, $440, $144, $4998, $2998, $48, $366.

P. J. Enright, San Francisco, $455, $47, $5520, $3140, $90, $850.

Carl Doell, Oakland, $500, $87, $5707, ——, ——, $554.

The contract will in all probability be awarded to Mr. Kennedy.

BERKELEY—The Berkeley Board of Education opened bids on July 3rd for alteration, remodeling and addition of second floor corridor into a General Science Room at the Willard School and for the completion of the shops building at the Burbank School, situated on University Avenue, between Curtis and Bonar Streets.

Willard School

Walter Sorensen, 3221 Ellis St. Berkeley (awarded) $1587
F. W. Maurice, Oakland 2154
Walter Murch, Oakland 1995

Burbank Shops

Walter Sorensen (awarded).....$7942
F. W. Maurice 8542
Walter Murch 9709

MERCED Merced Co., Cal.—P. W. Harrison, Winton, Cal. at $10,490 submits only bid to Fairland School District to make one classroom and auditorium addition and to remodel the present school. The bid includes painting. Harrison submitted a separate bid at $1875 for a basement for the addition. Taken under advisement.

MARYSVILLE, Yuba Co., Cal.—Until July 24, 4 P. M., bids will be rec. by Peter Engel, chairman, Marysville Union High School District, to erect branch high school at Dobbins. Plans obtainable from chairman, 414 E St., Marysville.

HUNTINGTON BEACH, Orange Co., Cal. H. E. Knerr 628 N. Hobart Blvd., was low bidder at $169,300 on the general contract for erecting a new unit at the Huntington Beach grammar school. Other low bids were: D. A. Dale Hardware Co., Santa Ana, plumbing, $9260; Hammel Radiator Corp., heating and ventilating, $5350; Wickens & Emple, painting, $1200; R. E. McIntosh, wiring, $7386; R. E. McIntosh, electric fixtures, $1959; Intl. Time Recording Co., program clocks, $1939.50. John C. Smith, 325 H. W. Hellman Bldg., Architect.

LODI, San Joaquin Co., Cal.—Until July 25, 8 P. M., bids will be rec. by Trustees of Bruella School District to construct additions to present school for which bonds of $12,000 were recently voted. J. F. Watson, architect, 403 East Pine St., Lodi. Cert. check 10% req. with each bid. Plans obtainable from architect.

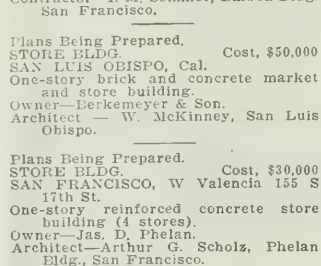
BANKS, STORES & OFFICES

Plans Being Prepared.
BANK BLDG. Cost, $——
VENTURA, Ventura Co., Cal.
One or two-story fireproof bank building, 50x100, with glazed terra cotta exterior.
Owner—Bank of Italy (Wm. Cuneo, 550 Washington St., San Francisco, Construction Manager.)
Architect—Not decided.

Contract Awarded
BUILDING Cost, $25,000
SAN FRANCISCO, Market near 6th St.
Alter and add to 2-story and basement brick building.
Owner—A. J. Lowenberg, Hearst Bldg., San Francisco.
Architect—Samuel L. Hyman, Foxcroft Bldg., San Francisco.
Contractor—I. M. Sommer, Balboa Bldg. San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, $50,000
SAN LUIS OBISPO, Cal.
One-story brick and concrete market and store building.
Owner—Berkemeyer & Son.
Architect — W. McKinney, San Luis Obispo.

Plans Being Prepared.
STORE BLDG. Cost, $30,000
SAN FRANCISCO, W Valencia 155 S 17th St.
One-story reinforced concrete store building (4 stores).
Owner—Jas. D. Phelan.
Architect—Arthur G. Scholz, Phelan Bldg., San Francisco.
Manager of Constr.—J. E. Scully, Phelan Bldg., San Francisco.



Plans Being Prepared.
COFFEE SHOP Cost, $125,000
OAKLAND, 12th St. near Broadway.
Remodeling for coffee shop.
Owner—John Tait.
Architect—Ward & Blohme, 454 California St., San Francisco.

Contractors To Take Sub-Figures In About Ten Days.
STORE & OFFICE Cost, $150,000
SAN FRANCISCO, W Sansome St., bet. Pine and California.
Six-story reinforced concrete store and office building.
Owner—T. C. Kierulff, Balboa Bldg., San Francisco.
Architect — Benj. G. McDougall and J. Martyn Haenke, 381 Bush St., S. F.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.

Figures To Be Taken in a Week.
ADDITION Cost, $18,000
BERKELEY, Bancroft Way near Telegraph Ave.
Two-story brick and concrete addition to store.
Owner—Specialty Food Shop.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

Owner To Take Figures.
STORE Cost, $22,500
BERKELEY, Telegraph Ave. N Bancroft Way.
One-story and basement reinforced concrete store.
Owner—Mercantile Trust Co.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Mr. Collupy, of the Mercantile Trust Co., 464 California St., S. F., will take all bids.

Completing Plans—Figures To Be Taken Shortly.
STORE & LOFTS Cost, $40,000
OAKLAND, Alameda Co., Cal. 17th St. near Broadway.
Two-story reinforced concrete store & lofts, 50x100.
Owner—Withheld.
Architect — Chas. W. McCall, Central Bank Bldg., Oakland.

FRESNO, Fresno Co., Cal.—Smith-Webb Auto Supply Co., 1302 Broadway, Fresno, has purchased site in Van Ness Ave., bet. San Joaquin and Amador Sts., and will erect a one-story auto sales building. Est. cost, $20,000.

LOS ANGELES, Cal.—Architects Allison & Allison, 1405 Hibernian Bldg., are completing plans for a four-story and basement Class A department store building to be erected at Hollywood Blvd. and Vine St., for Dr. E. O. Palmer. Dimensions, 100x150 ft., designed for 2 additional stories, reinforced concrete frame, floors and roof slab, brick walls, pressed brick and terra cotta facing, plate glass, marble and tile work, steel sash. Cost, $300,000.

SEATTLE, Wash.—Rounds-Clist Co., Walker Bldg., at approx. $85,000 awarded contract to erect two-story and basement (annex) to store and office building of Seattle Hardware Co., at First Avenue and King St. will be mill construction.

STOCKTON, Cal.—The F. W. Woolworth Co., Rialto Bldg., S. F., have leased property on Main Street in Stockton upon which they will erect a 3-story reinforced concrete store building in about a year to cost $100,000.

PORTLAND, Ore. — Hansen, Hammond and Clist, Pittock Block, awarded contract at approx. $150,000 to erect 3-story, 100 by 100 ft. fireproof bank and office building at northeast Stark and Park Sts., for Broadway Bank. A. E. Doyle, architect, Worcester Bldg., Portland.

ANAHEIM, Orange Co., Cal.—Architect M. Eugene Durfee, 202 Kraemer Bldg., is preparing plans for an eight-story building, 110 ft. in height, to be erected at Cor. East Center and Claudina Sts., by Samuel Kraemer for the Anaheim Savings Bank, which is organizing a new bank named the American Commercial and Savings Bank. Work will be started in 90 days according to the present plan of Mr. Kraemer, owner.

SEATTLE, Wash.—Marion Edwards, attorney, representing Kress & Co., is taking bids to erect 3-story and basement steel and concrete store building at southwest corner of Third Ave. and Pike St.; est. cost $200,000. E. J. Hoffman, architect, 114 Fifth Ave., New York, N. Y.

MARSHFIELD, Ore. — Architects Tourtellotte & Hummel, Falling Bldg., Portland, taking bids for two-story, 50 by 100 ft. stone bank and (3) stores to be erected for Coos Bay National Bank; est. cost, $40,000.

HUNTINGTON BEACH — See "Theatres," in this issue.

LOS ANGELES, Cal.—Winter Constr. Co., 200 L. A. Ry. Bldg., has a contract at $750,000 for all work complete for the erection of an 8-story and basement Class A store and office building at the southwest corner of Sixth St. and St. Paul Ave. for the Professional Bldg. Corp. It will contain a bank, drug store and a number of other stores in the first story and 25 offices, equipped for physicians, on each of the upper floors. The building will be 68x184 ft., reinforced concrete construction. The building will be 68x184 ft. reinforced construction, ruff, brick and terra cotta facing, plate glass, marble lobby, mahogany interior finish, marble floors and wainscot in corridors, steam heating, vacuum cleaning, elevators. W. S. Hebbard, I. W. Hellman Bldg., architect

COMPTON, Los Angeles Co., Cal.—Alexander Constr. Co., 260 S. Pacific Blvd., Huntington Park, have been awarded the contract to erect a two-story bank and office building at Compton, for the First National and Farmers and Merchants Bank of Compton. Brick walls, Indiana lime stone facing, 47x140 ft., composition roof, hardwood and cement floors, tile and marble work, steel beams, hardwood and O. P. trim, steel sash, ornamental iron, reinforced concrete vault, safety deposit boxes, plate glass, water heater gas radiators, part basement. A. C. Zimmerman, architect and Rudolph Meier, architect, 836 H. W. Hellman Bldg.

SAN FRANCISCO—A. Quandt & Son, 180 Jessie St., have been awarded the painting contract for the 10-story class A office building on the NE corner of Post and Powell, owned by Wm. and Mary Fitzhugh, Reid Bros., 105 Montgomery St., and P. J. Walker Co., Monadnock Bldg., S. F., the contractors.

THEATRES

HUNTINGTON BEACH, Cal. — Huntington Beach Investment Co. is taking bids for wrecking bldgs. at Olive and 5th Sts., where the company proposes to erect a modern theatre and store bldg. Bids will be called for the bldg. about July 1. C. P. Patton, Joseph Yavra, H. T. Dunning, E. A. Sutter and J. Elliot are among the directors.

SAN FRANCISCO — See "Schools," this issue.

WHARVES & DOCKS

Plans Being Prepared.
DOCK Cost, $86,000
LOS ANGELES, Cal.
Reinforced concrete and steel frame automobile dock 26x440 ft. with steel sash and steel rolling doors.
Owner—Southern Pacific Co.
Architect—Eng. Dept. of Owner, S. P. Bldg., San Francisco.

Plans Approved—Figures To Be Taken Shortly.
EXTENSION Cost, $55,000
SAN FRANCISCO, Islais Creek.
Extension to wharf (creosoted piles).
Owner—State Board of Harbor Commissioners.
Engineer—Frank C. White, Ferry Bldg. San Francisco.

LOS ANGELES, Cal.—Application has been made by the Santa Catalina Island Company for permission to construct a pier at Swain's Canyon (Guadalajara) Santa Catalina Island, the pier to be 12 ft. wide and extend into the ocean a distance of 93 ft. from high water line. Map showing the location of the proposed work will be on exhibition at the office of the U. S. Engr., 725 Central Bldg., until 11 a. m., Thursday, July 5, 1923. E. D. Ardery, Major, Dist. Engr.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
CHILDREN'S HOME Cost, $125,000
SAN JOSE, Santa Clara Co., Cal., 11th and Market Sts.
Two-story frame and stucco children's home
Owner—Home of Benevolence.
Architect—C. Tantau, 251 Kearny St., San Francisco.
Contractor—J. C. Thorp, Auzerals Bldg. San Jose.

Contract Awarded.
LAUNDRY Cost—
OAKLAND, Alameda Co., Cal., Mills College Grounds.
Temporary galv. iron laundry bldg. laid on permanent foundation to be rebuilt later.
Owner—Mills College.
Architect—W. H. Weeks Jr., First National Bank Bldg., Berkeley.
Contractor — Conner & Conner, 1733 Francisco St., Berkeley.

LOS ANGELES, Cal.—The architectural dept. of the board of education, Edgar H. Cline, archt., has completed plans for additional bldgs. to be erected at 1437 San Pedro St. for the business dept. The bldg. will include a mill bldg., 2-sto., 60x125 ft. and two warehouses, 1 3-sto., 72x120 ft. and the other 2-sto. 72x135 ft.; reinf. conc. constr., steel sash, stucco exter., comp. rfg., metal skylights, elevators, htg.; total cost, $200,000.

LOS ANGELES, Cal.—Hamm & Grant Ferguson Bldg., are preparing plans for a group of six reinf. conc. cylindrical grain elevators to be erected at 55th and Alameda Sts. on a 3-acre site for the California Milling Corp. The elevators will be 15 ft. in diameter and 90 ft. high with loading equipment. Plans will also be developed for a 5-story brick and mill construction flour mill and a warehouse. Plans will be completed shortly and actual construction will be started by July 15.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

BUSINESS OPPORTUNITIES

SAN FRANCISCO — Further information regarding these opportunities may be had from Dom[illegible] and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants Exchange Bldg.:

D-627—Sebastopol, Calif. Party desires to purchase ready-built house.

D-628—Seattle, Washington. Man interested in canning [illegible] grown in Philippine Islands d[illegible] to get in touch with manufacturers of canning and dehydrating machinery.

D-629 — Encose, Michigan. Inventor and owner of vacuum [illegible] regulating washing machine desires to establish connections with firms interested in manufacturing and merchandising such an appliance.

D-630—Chicago, Ill. Manufacturers desire to get in touch with manufacturers' agents, distributing and sales agents handling trailers and trucks for warehouses, freight houses and industrial plants.

D-632 — Philadelphia, Pa. Pipe and steel company desires to communicate with importers and exporters on the Pacific Coast.

D-636—Madison, Wisconsin. Inventor and owner of an "anchoring means for concrete bodies" desires to sell patent rights in this state.

D-638 — Yonkers, New York. Manufacturer of "Line-O-Graph" safety-line marker for streets, highways, tennis courts, factory floors, etc., desires to sell his product here.

D-639—Chicago, Ill. Manufacturer of Acme nailless strapping system resire distributor this market.

D-640—Chicago, Ill. An Eastern manufacturer of agricultural implements desires a good fireproof factory and foundry building that can be bought now in San Francisco at a bargain. Full particulars on file with Domestic Trade Bureau.

D-642—Springfield, O. Company with a piston servicing proposition would like to submit same to companies which might be interested.

D-643—Fort Worth, Tex. Party desires account of California manufactured products and canned goods for distribution in southwest territory.

7163—Kobe, Japan. Established firm desires connections with local importers of brushes, mat[illegible]s, lacquer-ware porcelain and cotton goods.

7169—Vancouver, B. C. Canadian representative of Belgian exporter would like to get in touch with firms interested in Belgian crockery, enamelware, vulcanite, glue, window glass, electric lamps, iron and steel.

7170—San Francisco, Calif. Manufacturers wish to get in touch with local exporters of mining machinery and laboratory testing apparatus.

7181—Baxter Springs, Kansas. Party desires to communicate with local importers of Philippine products.

7185 — Alameda, Calif. Man with broad export experience desires to act as developer and supervisor for firms wishing to develop their own export business for Pacific Coast products and manufactures.

7186—San Francisco, Cal. Gentleman leaving in near future for Japan desires to act as representative for San Francisco firms.

7189—Santiago, Chile. Party is in position to furnish full information regarding the vast resources in Chile of copper, silver, gold, coal, marble, onyx, petroleum, cobalt, etc.

7190 — Wellington, New Zealand. Company is in the market to import California redwood, principally joinery quality; Oregon doors dowelled preferred; builders' hardware; concrete mixers; latest appliances for ferro-concrete buildings.

7191—San Francisco, Cal. Gentleman with twenty-five years experience in executive and selling capacities desires to undertake the development of the Australian market for a San Francisco firm.

7193—San Francisco, Calif. Responsible party, leaving for Europe and having business connections among leading concerns there, is desirous of representing firms who may be interested.

Official Proposals

NOTICE TO CONTRACTORS

(Machine Shop, Etc., Merced Union High School District)

The Board of Trustees of the Merced Union High School District, Merced, California, will receive sealed proposals **up until eight o'clock P. M., July 16th, 1923**, at the office of the Clerk in the High School Building, Merced, California, at which time and place said bids will be opened and read in public for furnishing the required labor and materials for the erecting and completing the proposed new machine shops and manual training building, and the remodeling of the north and south wings of the present High School, in accordance with the plans and specifications prepared therefore by Allison & Allison, Architects, 1405 Hibernian Building, Los Angeles, and W. E. Bedesen, Engineer, 21 Shaffer Bldg., Merced, California, associated.

Cashier's or certified check or Bidder's bond for an amount not less than 5% of the amount of the bid shall accompany each proposal, drawn payable to the order of H. K. Landram, Clerk of the Board, as a guarantee that the bidder will within five days after being notified of the acceptance of his bid, enter into a contract with the said High School Board, in accordance therewith and shall furnish a surety bond or personal bond in the full amount of the contract, as required by the specifications. Said check or bond to be forfeited to the said Merced Union High School District should the bidder fail to execute the contract and furnish bonds as above mentioned.

All bids to be made on forms furnished by the Engineer. Plans and specifications for the work may be seen at the office of the Engineer, where they may be procured for bidding. One complete set will be on file in the High School at Merced. A deposit of $15.00 will be required from the contractors receiving plans. Said deposits will be refunded to bidders when plans and specifications are returned in good condition.

The said High School Board reserves the right to reject any and all bids and to waive any informality in any bid received.

By order of the Trustees of the Merced Union High School District, Merced, California.

By H. K. LANDRAM, Clerk.

NOTICE TO BIDDERS

(Pipe, Fittings, Etc.—Tracy, Calif.)

Sealed bids or proposals will be received by the City of Tracy, up to **8:00 o'clock P. M., July 19th, 1923**, for the furnishing and delivery of the following materials, to-wit:

One 8-foot, 4-inch W. I. Long Nipple.
2 Long Sweep 4-inch W. I. 90 deg. Ells.
5 4-inch Iron Body Bronze seated square nut top, valves for 4-inch Threaded W. I. Pipe.
2 4-inch Square Nut Iron Body, Bronze seated Valves, with a 4-inch capped hose connection. 4 4-inch Malleable Iron Tees.
2 4-inch Malleable Iron Reducers.
2400 feet 4-inch W. I. Threaded and dipped pipe in random lengths.
48 6-inch by 4-inch Vitrified double strength wyes.
48 4-inch Vitrified Stoppers.
1900 feet 6-inch Vitrified Double strength salt-glazed sewer pipe.
3 24-inch cast iron manhole frames and covers without pans.

All bids must be based upon early delivery after acceptance of bid. All envelopes containing bids must be endorsed thereon "Bid for Furnishing Pipe and Fittings," and addressed to Geo. L. Frerichs, the City Clerk, Tracy, Cal.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

The Board of Trustees hereby reserves the right to reject any and all bids.

Done by order of the Board of Trustees of the City of Tracy, this 21st day of June, 1923.

GEORGE L. FRERICHS,
Clerk of the City of Tracy.
(SEAL)
By EDITH FRERICHS, Deputy Clerk.

NOTICE TO CONTRACTORS

(Yuba City Water Works Extension)

Sealed proposals will be received at the office of the Clerk of the Board of Trustees, 121 Second Street, Yuba City, California, until **8 o'clock P. M.** on **Monday, July 9, 1923**, at which time they will be publicly opened and read for the following work to be done and materials to be furnished:

Work To Be Done

Laying approximately 6000 feet of 6-inch cast iron water mains, 5000 feet of 3-inch wrought iron mains, installing valves, fire hydrants, laying services and connecting old services with new mains.

Materials To Be Furnished

Furnishing and delivering approximately 98 tons of 6-inch Class B cast iron pipe in 16 foot lengths, 5000 lineal feet of 3-inch standard wrought valves, and fire hydrants.

Separate bids will be received for work to be done and materials to be furnished.

Plans and specifications for the above work may be obtained from Edward von Geldern, City Engineer, Yuba City, California. A deposit of $10.00 will be required on each set.

The Board of Trustees reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the Town.

C. C. KLINE,
Clerk of the Board of Trustees.
Dated: June 20, 1923.

NOTICE TO CONTRACTORS

(Concrete Roads — San Diego, Calif.)

Sealed proposals, indorsed "Proposals for Road, San Diego, Calif., Specification No. 4844," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., July 25 and then and there publicly opened for concrete road with curbs, catch basins and drains at the naval operating base (training station), San Diego, Calif. Drawing and specification No. 4844 may be obtained upon application to the bureau or to the public works officer, U. S. N., San Diego, Calif. Deposit of a check or postal money order for $10, payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawing and specification. L. E. GREGORY, chief of bureau.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO BIDDERS

(Screens, Transoms, Etc., San Diego, Calif.)

Sealed proposals, indorsed "Proposals for Screens, San Diego, Calif., Specification No. 4870," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., July 25 and then and there publicly opened for screens for doors, windows and transoms at the naval operating base (hospital), San Diego, Calif. Drawings and specification No. 4870 may be obtained on application to the bureau of yards and docks or to the public works officer, U. S. N., San Diego, Calif. Deposit of a check or postal money order for $10, payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, chief of bureau.

NOTICE TO CONTRACTORS

(Concrete Roads, Etc., San Diego)

Sealed proposals indorsed "Proposals for Roads and Walks, San Diego, Calif., Specification No. 4871," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. July 25 and then and there publicly opened for concrete roads and walks, with gutters, curbs, catch basins and drains at the naval operating base (hospital), San Diego, Calif. Drawings and specification No. 4871 may be obtained upon application to the bureau or to the public works officer, U. S. N., San, Diego, Calif. Deposit of a check or postal money order for $10, payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, chief of bureau.

NOTICE TO BIDDERS

(Tank and Water Mains)

Notice is hereby given that sealed bids will be reveived by the Tri-County Hospital Committee, at their office at the Tri-County Sanitarium at Ahwahnee, California, **up to the hour of 12 o'clock M., of Saturday, July 14, 1923**, for the construction of concrete tank and laying of watermains complete, according to plans and specifications on file in the office of J. O. Rue, County Surveyor of Madera County, in the courthouse of Madera County, in Madera, California.

Separate bids may be submitted for construction of tank and for laying of the watermains or bids may be submitted for the whole.

All bids must be accompanied by a certified check of at least 10 per cent of the amount of bid.

The committee reserves the right to reject any or all bids.

Dated at Madera, California, June 18, 1923.

T. J. CRONIN,
Secretary Tri-County Hospital Committee

NOTICE TO CONTRACTORS

(Pipe Line—Pearl Harbor)

Sealed Proposals, indorsed "Proposals for Pipe Line, Pearl Harbor, Hawaii, Specification No. 4827," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 12 o'clock A. M., July 18, 1923, and then and there publicly opened, for pipe line, with valves, hydrants and valve boxes at the Naval Operating Base, Pearl Harbor, T. H. Drawings and Specification No. 4827, may be obtained on application to the Bureau, to the Commandant, Navy Yard, Mare Island, Calif., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawing and specification. L. E. GREGORY, Chief of Bureau, April 28, 1923.

NOTICE TO CONTRACTORS

(Lakeview School, Oakland)

Office of the Secretary of the Board of Education of the City of Oakland.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until **Monday, the 16th day of July, 1923, at 4:30 p. m.,** at which time said bids will be opened for the General Work, including Carpenter Work, Blackboards, Waterproofing, linoleum, Shades, and Painting, for the Finishing of Ground Floor of the LAKEVIEW SCHOOL, of the Oakland School District and Oakland High School District, located on block bounded by Grand Avenue, and Perry Street, Oakland, California.

Plans and specifications for said work are on file at the office of the Architect for the Board of Education, 2149 Broadway, Oakland, California.

On a deposit of Twenty-five ($25) Dollars, said plans and specifications may be had by any prospective bidder. These plans and specifications may be retained for seven (7) days.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a mutilated or damaged condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the Architect, and be signed by the bidder, accompanied by a certified check for at least 10 per cent of the bid, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by the said School Districts as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Architect.

Bids will be opened by the Board of said Districts on Monday, July 16, 1923, at the hour of 4:30 p. m., in the Board Room, 211 second floor of said City Hall in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDGEMOND,
Secretary of the Board of Education of Oakland, California.

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of an addition to a school building in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, and also in the office of Dean & Dean, Architects, third floor of City Library Building, 9th and I Streets, Sacramento, California.

The said school building is to be erected on the property owned by the School District, at 46th, 47th, K and T Streets, situated in the City of Sacramento, State of California.

On a deposit of $15.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and [illegible]ained by the School District, sh[illegible]e party or parties to whom th[illegible]act shall be awarded fail to ent[illegible]to the contract after the award, or [illegible] give bonds as required. Bids must be plainly marked on the exterior "Proposal for Additions to Coloma School Building."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, **not later than 7:30 o'clock P. M., Monday, July 16th, 1923.**

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION, SACRAMENTO CITY SCHOOL DISTRICT,
Chas. C. Hughes, Secretary.

NOTICE TO CONTRACTORS

(Kern County Hospital Group)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of the County of Kern, State of California, up to **10 a. m., of Monday, July 23rd, 1923,** for furnishing all labor and materials for, and the erection and completion of the various items as listed below, to be installed in the four buildings and connecting tunnels, etc., of the Kern General Hospital Group, being erected on Flower St., East Bakersfield, California, in accordance with plans and specifications on file in the office of the Clerk of the Board and open for the inspection of bidders. Copies of said plans and specifications may be had upon deposit of $25 at the office of Charles H. Biggar, Architect, 405-406 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition at time specified.

Bids will be received for the following items:

1. Electric Work.
2. Plumbing Fixtures.
3. Painting.
4. Finish Hardware.
5. Elevators.

Bids to be made out upon form furnished by the Architect for that purpose and each bid must be accompanied by a cashier's or certified check or bidders bond in the amount of at least ten per cent (10 per cent) of the amount bid, such check or bond to be made payable to the Clerk of the Board of Supervisors and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any and all bids not deemed advantageous to the County and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted June 11th, 1923.

F. E. SMITH,
County Clerk and ex-Officio Clerk of the Board of Supervisors.

Building in Reno, Nevada, for June totaled $19,625, a drop of approximately one-half the total for the corresponding period in 1922.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
560 Mission St., San Francisco, Cal.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Engineering News Section

BRIDGES

NAPA, Napa Co., Cal.—Until July 23, 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, to const. rein. conc. highway bridge over Napa river on Oak Knoll Avenue. Cert. check 10% payable to Chairman of Bd. of Sups. req. Edw. P. Ball, county surv.

NAPA, Napa Co., Cal.—Until July 23 10 a. m., bids will be rec. by James A. Daly, county clerk, to const. rein. conc deck bridge near Oakville school house; 2 rein conc. culverts on Oakville Cross Road; and one 3-span rein. conc. bridge at Conn Creek on Oakville Cross Road. Cert. check 10% payable to Chair. Bd. Sups. req. Edw. P. Ball, county surv.

SAN MATEO COUNTY — Following bids rec. July 2 by State Highway Commission, Forum Bldg., Sacramento, to const. reinf. conc. bridge consisting of 20 rein. conc. girder spans with necessary bents, abutments and wing walls on Crystal Springs Dam near San Mateo on Skyline Blvd. Project involv. 1300 cu. yds. class A and 100 cu. yds. class C Port. cement conc.; 275,000 lbs. rein. steel.

J. Shepherd, Yosemite Bldg., Stockton	$49,012.50
Paul H. Ehlers, Pasadena	52,105.00
de Waard & Cobham, San Diego	52,525.00
Renner Foundation Co., S. F.	53,262.50
Davison & Nicolsen, Stockton	54,770.00
Wilson D. Ellis & Co., Bkly	57,600.00
P. L. Burr, S. F.	59,700.00
C. J. Nystept, Stockton	61,137.50
Tieslau Bros., Berkeley	65,040.00
Grant & Hart, S. F.	65,752.50
Engineer's Estimate	47,112.50

SANTA BARBARA CO., Calif.—John Short, Los Angeles, 2096 W 28th St., Los Angeles, at $27,905.10 submits low bid to C. H. Sweetser, Dist. Eng. U. S. Bur. of Pub. Rds., 881 Mills Bldg., San Francisco, to const. 2 bridges about one-half mile apart near the Cayuma River about 20 mi. east of Santa Maria in Santa Barbara County. Pine Creek bridge consists of 3 40-ft. concrete girders and the Aliso Creek Bridge, 2 40-ft. girders on concrete piers and abutments. Contract involves 270 cu. yds. class C conc.; 475 cu. yds. class B conc. and 160 cu. yds. class A conc. and 34 tons reinforcing steel. Other bids were:

West Coast Const. Co.	$34,231.50
Cobby & Owsley	28,589.98
W. M. Ledbetter Co.,	39,195.00
DeWaard and Cobham	29,620.30
Peters Const. Co.	45,467.50
Engineer's estimate	42,114.50

SAN JOSE, Santa Clara Co., Cal.—William Radtke, Gilroy, at $17,400 awarded cont. by supervisors to const. rein. conc. bridge on Gilroy-Hollister road, over Pajaro river. E. Nommenson, only other bidder at $21,830. Eng. est. $21,300. Construction will be financed by San Benito and Santa Clara counties.

SAN JOSE, Santa Clara Co., Cal.—J. W. Williams, 931 S-Eighth St., San Jose, at $3,380 awarded cont. by supervisors to const. rein. conc. culverts on Burchell road. Only other bid: Wm. Martin, $3389; eng. est. $3,784.

SAN RAFAEL, Marin Co., Cal.—Supervisors plan replacement of old bridges throughout county with concrete structures, approx. 173 in all, costing $246,500 which estimate does not include pile bridges.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SACRAMENTO, Cal.—Until July 5, 9:15 P. M., bids will be rec. by H. G. Denton, City Clerk, to const. 547,000 sq. ft. 4-in. conc. revetment, with head and toe walls, on water slope of east levee of Sacramento river at a point approx. 1100 ft. north of Sutterville levee, including grading and trenching; est. cost, $90,000. Albert Givan, City Eng.

COLUSA COUNTY, Calif.—Reclama-District No. 2047 has filed application with State Reclamation Board for permit to const. seven current retards for levee bank protection at Hamilton Bend on the Sacramento river, 4-mi. north of city of Colusa; est. cost $50,000 F. E. Buffum is secretary of Rec. Dist. No. 2047.

RICHMOND, Contra Costa Co., Cal.—City Council sells $100,000 bond issue to finance harbor improvements for a premium of $12,292.

LOS ANGELES, Cal.—Until 2:30 P. M., July 20, bids will be rec. by harbor comm., 312 Byrne Bldg., for dredging approx. 2,000,000 cu. yds. material in the west basin, where the comm proposes to construct additional wharves and docks. Est. cost, $500,000. The bids received for dredging certain slips, were rejected when the above plan was decided. Guy W. Wade, Secy.

21

LOS ANGELES, Cal.—Until 2:30 P. M., July 20, bids will be rec. by harbor comm., 312 Byrne Bldg., for dredging in West Basin under spec. 491. Guy W. Wade, Secy.

IRRIGATION PROJECTS

MANTECA, San Joaquin Co., Cal.—South San Joaquin Irrigation District will call election to vote bonds of $500,000 to finance lining of 50 mi. of ditches and purchase of pumps for drainage works

LIGHTING SYSTEMS

SAN ANSELMO, Marin Co., Cal.—Until Aug. 6, 8 p. m., bids will be rec. by Arthur W. Studley, town clerk, to install electroliers on concrete bridges with connections by conduit system. Cert. check 10% payable to Town req. Spec. on file in office of clerk.

Engineers and Contractors
PLEASE NOTE
We are FACTORY distributors
—for—
MILBURN CARBIDE FLARE LIGHTS
for Night Work 500 - 12,000 c. p.
Economical and Efficient
MILBURN OXY-AVETYLENE WELDING AND CUTTING APPARATUS
for Repairing and Construction
Let us send you full information
E. D. BULLARD
268 Market St., San Francisco
Phone Douglas 6320-Dong. 6321

TURLOCK, Stanislaus Co., Cal.—Chamber of Commerce has appointed committee to confer with city trustees regarding installation of electrolier system. Proposed system divides the city into three areas, the first area, the main business district, the second area, the main residential district and the third area, the outlying district. The first area will have 180 standards, which will cost $1.20 a front foot for installation, the maintenance will be $2,615 a year and the power cost, $2670. The second area will have 354 electroliers, which will cost 60 cents a front foot for installation and will cost $4279 for maintenance and $2195 for power; the third area will have 160 electroliers and will cost 55 cents a front foot for installation. $2064 for maintenance and $1240 for power.

LOS ANGELES, Cal.—Council declares inten. to install ornam. light. sys., complete, in Canal Ave., bet. Anaheim and D Sts., Wilmington.

FRESNO, Fresno Co., Cal.—Valley Electrical Supply Co., 1817 Tulare St., Fresno, at $17,748 awarded cont. by council to install 99 electroliers together with necessary conduits and appurtenances in portions of Van Ness Blvd., Moroa Ave., Lucerne Lane, etc. Standards to be comb. c. i. and steel, single lamp globe and lamp, set on conc. foundation, 2 ft. deep and 2 ft. sq. Conduit to be galv. metal tubing containing wire conductors.

FRESNO, Fresno Co., Cal—Until July 12, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to install 155 electroliers with necessary conduits and appurtenances to be installed in portions of Kerckhoff Ave., Huntington Blvd., South First Sts. etc. Electrolier to be c. i. and steel with single lamp globe and lamp; set on Port. cem. conc. foundations, 2-ft. sq. and 2-ft. deep; conduit to be galv. metal tubing containing wire conductors. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

LOS ANGELES, Cal.—Until 10 a. m., July 16, bids will be rec. by Bd. Pub. Wks. to const. ornam. light. sys. in Canal Ave., bet. Anaheim and D Sts. Spec. on file at office of the city electrician, 203 n. city hall annex.

MODESTO, Cal. — See "Sewers and streets," this issue.

LOS ANGELES, Cal.—Paulson Constr Co., 514 Detwiler Bldg., submitted low bid to Bd. Pub. Wks., at $83,985 for installing ornamental lighting system in Hollywood Blvd., bet. Vermont Ave. and Vine St. Other bids were: H. H. Walker, $84,786; Osborn Elec. Co., $86,-300; C. W. Sparks, $87,364; Newbery Elec. Co., $89,231; So. Cal. Elec. Co., $89,777.

MACHINERY & EQUIPMENT

SAN JOSE, Santa Clara Co., Cal.—Canelo Motor Co., 350 West Santa Clara St., San Jose, at $813 24 awarded cont. by supervisors to fur. and del. one Ford truck. Other bids: R. M. Cuthbert, $839.65; Lannin & Hansen, $818.40; Mountain View Garage, $808.80.

SAN JOSE, Santa Clara Co., Cal.—Until July 16, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, for fur. and del. two or more 3½ 4-ton Fageol trucks having 7-speed compound transmission, capacity 9000 lbs. Spec. on file in office of clerk.

WASHINGTON, D. C.—See "Government Works and Supplies," this issue. Bridge crane, etc.

SAN JOSE, Santa Clara Co., Cal.—Following bids rec. by supervisors for fur. 3 or more trailers: Benson & Weaver, $1,950; Stuart S. Smith Co., $1,945; Artana-Geoffroy Co., $1,987; Ralston Iron Works, $1,697; Pichetti Bros., $1,969. Smith awarded contract for two; Pichetti Bros., for two; Benson & Weaver, for one and Ralston Iron Works for one.

MARYSVILLE, Yuba Co., Cal.—Funds will probably be provided in 1923-24 budget for purchase of motor street sweeper. W. O. Wanzer, City Mgr.

VALLEJO, Solano Co., Cal. — City council will provide funds in 1923-24 budget to finance purchase of paving plant. T. D. Kilkenny, city eng.

LONG BEACH, Cal.—Until 10 a. m., July 17, bids will be rec. by City Manager, Windham, 205 City Hall, for fur. 6 trailers for garbage collection service.

MADERA, Madera Co., Cal.—Stuart S. Smith Co., 625 Market St., San Francisco, at $3331.68 submits low bid to county supervisors for fur. two 4-yd. dump beds with horizontal hydraulic power lift, installed on two Madera county Liberty trucks. Other bids were all of Madera: G. S. Cheuvrant, $4068; Standard Garage, $3964.04 for Models D and C and $3400 for Model F-4 and F-2. Taken under advicement.

ESCALON, San Joaquin Co., Cal.—Until July 27, 8 P. M., bids will be rec. by Escalon High School District for fur. three motor truck busses for transportation of pupils; two accommodating 25 pupils each and the third 30 pupils.

RAILROADS

MEXICALI, Mex.—Until 1 p. m., July 31, bids will be rec. by the director of National Railways of Mexico, in Lower California, at the Government Palace Bldg., Mexicali, to const. first section of roadbed for the line to the Gulf of California. This section is 56 kilometers, or approx. 34.72 mi., connecting Pascualitos and El Cerro del Mayor. Cert. check 5%. Plans and specifications may be obtained from railways offices, Capitol Bldg. Plans and spec. for remainder of the route to the gulf are under way.

LOS ANGELES, Cal.—Union Pacific System announces plans to expend $600,000 for new freight trackage on Los Angeles division, effecting a cut-off to the harbor by way of Long Beach. W. H. Comstock, gen. mgr. coast line. The total length is about 3 miles.

OAKLAND, Cal.—Until July 12, 12 M bids will be rec. by E. K. Sturgis, city clerk, for fur. steel rails, cross overs, switch points and frogs during remainder of fiscal year ending June 30, 1924. Bond of $2500 req. of successful bidder. Further information obtainable from clerk.

EUREKA, Humboldt Co., Cal.—United Commercial Co., 234 Steuart St., San Francisco, at $4.50 per hundred weight awarded cont. by council to furnish 10 tons of railway spikes to Municipal Railway system.

FIRE EQUIPMENT

PORTLAND, Ore.—Until July 16, 2 P. M., bids will be rec. by S. C. Pier, City Purchasing Agent, Room 208, City Hall, for fur. two motor driven combination pumping engines and hose cars for Fire Bureau.

HAYWARD, Alameda Co., Cal.—City votes bonds of $13,000 to purchase Seagrave fire engine.

SAN BRUNO, San Mateo Co. ,Cal.—Following bids taken under advisement by city trustees for fur. 500-ft. 1½-in. fire hose: Peninsula Pump and Supply Co. 65c ft.; Pacific Fire Extinguisher Co., 65c; Ralphs-Pugh Co., 60c; American Rubber Mfg. Co., 80c; Fred Madden, 54c and 69c.

WOODLAND, Yolo Co., Cal.—City Trustees sell $22,000 bond issue to finance purchase of fire fighting apparatus for premium of $63.

MISCELLANEOUS SUPPLIES

VALLEJO, Solano Co., Cal.—Recommendation is made in the 1923-24 budget that funds be provided for the purchase of street signs to be installed throughout city. T. D. Kilkenny, city engineer.

WASHINGTON, D. C.—See "Government Works and supplies," this issue.

PIPE LINES, WELLS, ETC.

SACRAMENTO, Cal.—Until July 12, 9:15 P. M., bids will be rec. by City Council for fur. fittings for water mains department of city. Cert. check 10% payable to City Controller req. with each bid. Spec. on file in office of city clerk.

MONTEBELLO, Cal.—See "Waterworks," this issue.

YUBA CITY, Sutter Co., Cal.—See "Waterworks extension.

TRACY, San Joaquin Co., Cal.—See "Waterworks," this issue.

PARADISE, Butte Co., Cal.—Paradise Irrigation District, J. E. Alley, supt., rejects bids received June 19 for fur. pipe for extensions to system and new bids will be asked on various type of pipe. G. C. Bille is secy of dist.

SEWAGE DISPOSAL PLANTS

SAN JOSE, Sanea Clara Co., Cal.—E. G. Gillespie, representing office of State Sanitary Engineer, has been requested by San Jose City Council to prepare plans and estimates of cost for new outfall sewer and reconstructing and extending the present system.

MISCELLANEOUS CONSTRUCTION

LOS ANGELES, Cal.—Until 11 a. m., July 23, separate bids will be rec. by supervisors for work at El Retiro Institution, near San Fernando, as follows:

Fur. and install. 2 sewage pumps with piping and incidental equipment for septic tank.

Fur. and install one Imhoff tank with sump and sludge bed.

Plans on file in office of supervisors. Cert. chk. or bond, 10% in each case.

SAN JOSE, Santa Clara Co., Cal.—Until July 23, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, to construct wooden gravel bunker. Spec. on file in office of clerk.

RENO, Nevada—Mason Valley Mines & Smelter Co. will invest $500,000 in improvements at its plant at Wabuska, if the Western Pacific Company will establish a fair rate on ores from Plumas County, California, points to the smelter. The announcement is made by A. A. McNab, general manager of the Mason Valley Company.

MARYSVILLE, Yuba Co., Cal.—City council plans expenditure of $12,000 for municipal garbage incinerator. W. O. Wanzer, City Mgr.

About Modern Gas Appliances

It is necessary to have equipment which renders a high degree of service that is in keeping with the character of the modern home. For this reason modern gas appliances are essential and appropriate in your home.

The permanent service of modern gas appliances indures. It is insured by their quality construction and improved design. Over a long period of years an installation of a gas range, water heater and house heating system will prove to be a profitable investment.

"Gas Heating Systems for
Modern Heating Service"

PACIFIC GAS AND ELECTRIC COMPANY

P. G. and E.
"Pacific Service"

SA[illegible] — San Diego Branch, [illegible] was purchased issue for [illegible] by the city, at a [illegible] as follows: $100,000 [illegible] 25,000 stand pipe and [illegible] ge; and $495,000 municipal [illegible] The $400,000 Otay water [illegible] was not sold as the city did not want to pay interest until the funds [illegible] needed.

SA[illegible] SCO—State Board of Har[illegible] sioners seeks financial [illegible] of San Francisco supervisors in t[illegible] nstruction of a vehicular [illegible] nning north and south along [illegible] readero, under the railway [illegible] ing the Ferry Building; est. cost $42,000. The Harbor Board suggests that the state pay one-half the cost, the city of San Francisco one-quarter and the Market Street Ry. Co. one-quarter. Prel. plans prepared by [illegible] Eng. White of the Harbor Board provide for tunnel 22-ft. wide and 12-ft high with two traffic paths.

WATER WORKS

CAMAS, Wash.—Until July 20, 8 p. m. bids will be rec by W. E. Farr, city clerk, for imp. water system. Stevens and K[illegible] Spalding Bldg., Consulting Engineer, Portland, Ore. Will include cons. of [illegible] structures, hauling and laying 8½-in. of 8 and 10-in. welded steel pipe; fur and place pipe line appurtenances; fur. and erect 50,000-gal. steel tank and imp. distributing system. Plans obtainable from engineers.

MONTEBELLO, Cal.—Lacy Mfg. Co., 1000 N Main St. submitted low bid to South Monte ello Irrigation Dist. at $64,470.75 to fur. and lay 67,500 ft. riveted steel pipe, 4 to 18-in. dia., with valves and appurtenances; also for steel tower 25 ft. high and steel tank 250,000 gals capacity, and pumping plant. Baker Iron Wks. bid $68,051.03; Western Pipe & Steel Co., $69,947.61. Frank J. Kimball, Byron-Jackson Iron Wks. and Johnson Pump Co. submitted [illegible] bids (1) deep well turbine pump, 1125 G. P. M., installed in 12-in. well; (2) larger turbine pump of same capacity, bidder to enlarge well; (3) changing existing pump and installing one deep well turbine pump and 2 horizontal booster pumps, to give total capacity 1125 G. P. M. The bids will be published as soon as tabulated and released by Olmsted & Gillelen, consulting engrs., Hollingsworth Bldg. Los Angeles. Bonds in th esum of $125,000 have been voted.

FULLERTON, Cal.—Byron Jackson Iron Works, 303 E 3rd St., Los Angeles, submitted low bid to city trustees, for booster pump and motor at $650 for B-J pump and at $63 for fittings and st $260 for G E or Westinghouse motor. Al E. Harris bid $663 on American pump and $269.97 on motor. J. B. Farley bid on motor only at $258.75.

TRACY, San Joaquin Co., Cal.—Until July 19, 8 p. m., bids will be rec. by Geo. L. Frerichs, city clerk, to fur. following materials:

One 8-ft. 4-in. W. I. Long Nipple.
Two long sweep 4-in. W. I. 90 deg. ells.
Five 4-in. iron body bronze seated, sq. nut top, valves for 4-in. threaded w. i. pipe.
Two 4-in. sq. nut iron body, bronze seated valves, with 4-in. capped hose connection.
Four 4-in. malleable iron tees.
Two 4-in. ¾-in. malleable iron reducers.
2400 ft. 4-in. w. i. threaded & dipped pipe in random lengths.
Forty-eight 6-in. by 4-in. vit. double strength wyes.
Forty-eight 4-in. vit. stoppers.
1900 ft 6-in. vit. double strength salt-glazed sewer pipe.
Three 24-in. c. i. frames and covers without pans.

See call for bids under official proposal section in this issue.

YUBA CITY, Sutter Co., Cal.—Until July 9, 8 p. m., bids will be rec by C. C. Kline, city clerk, for water works extensions, involv. the laying of 6000 ft. 6-in. c. i. water mains; 5000 ft 3-in. wrought iron water mains; install valves, fire hydrants, lay service and connect old services with new mains. Separate bids, same date, for fur. 98 tons of 6-in. Class B c. i. pipe in 16-ft. lengths; 5000 lin. ft. 3-in. standard wrought iron pipe and all necessary fittings, valves and fire hydrants. Plans obtainable from City Eng. Edward Von Geldern, on deposit of $10. **See call for bids under official proposal section in this issue.**

SACRAMENTO, Cal. — See "Pipe Lines," this issue. Fittings for water mains.

SEWERS AND STREET WORK

SAN FRANCISCO—Board of Public Works requests supervisors to adopt ordinance authorizing preparation of plans to imp. Liberty St., bet. Noe and Church Sts., and Sanchez St., bet. 20th and 21st Sts., est. cost $33,000; funds to be derived from Budget Item No. 49.

Supervisors also requested to authorize the extension of high pressure system in North Point St., bet. Van Ness and Larkin and in Larkin bet. Bay and Beach Sts.; est. cost $7500, funds to be derived from Budget Item No. 46.

SANTA CRUZ, Santa Cruz Co. Cal.—City council withdraws contract awarded to Granite Constr. Co., of Watsonville, to imp. Younglove Ave., and new proceedings started to pave thoroughfare with oil macadam. Under the Granite Const. contract at 5-in. hyd. conc. pavement was specified. Est. cost, $10,000.

SAN JOSE, Canea Clara Co., Cal.—Council, J. J. Lynch, Clerk, declares inten. to imp. 21st St., bet. Santa Clara and William: Grade; pave with 1½-in. Warrenite-Bit. surface with 3-in. bituminous conc. base; hyd. conc. gutter and curb; hyd. conc. walks and alley approaches 1911 Act and Bond Act 1915. Protests July 30. Wm. Popp, City Eng.

OROVILLE, Butte Co., Cal.—Until July 18, 2 P. M. bids will be rec. by C. F. Belding, County Clerk, for annual maintenance of all Class A and Class B county roads throughout county. Spec. and further information obtainable from County Rd. Eng. Harry H. Hume.

MARYSVILLE, Yuba Co., Cal.—D. C. Hogue, Marysville, at $13,729.25 awarded cont. by supervisors to const. 11,993 ft. of road from Cottage Ravine to Yuba Development Company dam.

DINUBA, Tulare Co. Cal.—Until July 16, 8 P. M. bids will be rec by C. T. Keagan, City Clerk, to imp. Alta Av. from El Monte north to pt. 500 ft. Grade; pave with Warrenite-Bit. surface on hyd. conc. base of various widths and thicknesses. 1911 Act and Bond Act 1915. Cert check 10% payable to city req.

NAPA, Napa Co., Cal.—Until July 23, 10 A. M., bids will be rec. by Jas. A. Daly, County Clerk, to imp. county road from point below Monticello to Devil's Gate, a distance of 7.34 miles. Cert. check 10% payable to Chairman of Bd of Sups. req. Plans obtainable from Clerk. Edw. P. Ball, County Surv.

LOS ANGELES, Cal.—Griffith Co. 502 L. A. Ry. Bldg., awarded contr. by Bd. Pub. Wks. at $22,592.57 for improving Oliver St. bet. Pacific Ave. and Gaffey St., involv. grading at $5800 (lump sum); 12,642.92 sq. ft. conc. paving at 24c ft.; 32,740.60 sq. ft. asph. conc. (Topeka) paving at 22.8c ft.; 2505.96 ft. curb at 60c ft.; 12,434.89 sq. ft. walk at 22c ft.; 1999.38 ft. gutter at 35c ft.; 674 ft. hse. sewers at $1.75 ft.; flushtank at $175.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E 58th St., awarded cont. by Bd. Pub. Wks. at $292,649 to pave First St., bet. Second and Rampart Blvd., involving grading at $110,000 (lump sum) 263,249.54 sq. ft. asph. paving at 30c ft.; 190,604.40 sq. ft. conc. paving at 29c ft.; 290 sq. ft. asph. remodeling at 30c ft.; 13,616.41 sq. ft. finish grading, oiling and rolling at 7c ft.; 16,416.98 ft. curb at 58c ft.; 85,458.95 sq. ft. walk at 20c ft.; 11,721.26 sq. ft. conc. gutter at 32c ft.; storm drain complete at $4400; san. sewer complete at $4100; 5137 ft. hse sewers at $1.65 ft. Other bids were: T. E. Shafer, $300,326.83; Griffith Co., $303,303.78; Geo. R. Curtis $342,435.17.

WATTS, Cal.—Braun, Bryant & Austin, Inc., 1630 4th St., Santa Monica, awarded contr. by city trustees at $29,585.14 to pave Pine and Oaks Aves., involv. grading at $1.35 lin. ft.; National paving at 24.5c sq. ft.; gutter at 35c sq. ft.; curb at 70c. and walk at 25c sq. ft. Hall-Johnson Co., bid $30,382.43; Hill Constr. Co., $30,750.42; Clarence Thompson and Emil Packard Jr., $31,641.83.

Same firm awarded contr. at $12,674.21 for paving Federal and Beaver Sts., involv. grading at 66c lin. ft. and National paving at 24.5c sq. ft. Other bids were: Hall-Johnson Co., $13,557.86; Hill Constr. Co., $13,682.73; Thompson & Packard, $13,935.72.

Braun, Bryant & Austin, Inc., also awarded contr. at $30,751.24 for paving Aurora and Rose Aves., involv. grading at 80c lin. ft.; National paving at 24.5c sq. ft.; gutter at 35c sq. ft. Other bids were: Hall-Johnson Co., $32,048.34; Hill Constr. Co., $32,610.90; Thompson & Packard, $33,735.98.

DAILY
PACIFIC BUILDER

The only daily newspaper in the West whose columns are devoted exclusively to Building News. Covers San Francisco and Bay Counties. $1.25 per month, payable in advance. Send for sample copy.

560 MISSION STREET SAN FRANCISCO, CAL.

SAN ANDREAS, Calaveras Co., Cal.—E. N. Matson, West Point, Calif. at $5,-116.90 to gravel, awarded contract to imp. North Fork Grade road, bet. Mokelumne river and town of West Point. Fred Patison, West Point, only other bidder at $5,181.69 to grade and $6,-897.55 to gravel.

SALINAS, Monterey Co., Cal.—Clark and Henery Construction Co., 38 S Sutter St., Stockton, at $11,166.45 awarded cont. by city council to imp. portions of West and Alisal Sts.: grade, $.03; 2½-in. asph. conc. base with 1½-in. Warrenite surface pavement, $.189; conc. gutter, $.23; conc. curb, $.64; 12-in. part circle culvert, $1.50. Other bids: San Jose Paving Co., $11,659.40; Warren Const. Co., $11,357.30; Crummey Co., $11,968.91; Municipal Constr. Co., $11,334.72.

SALINAS, Monterey Co., Cal.—Clark & Henery Constr. Co., 38 S-Sutter St., Stockton, at $13,757.77 awarded cont. by council to imp. portions of Maple, Chestnut and California Sts: Grade, $.02; 2½-in. asph. conc. base with 1½-in. Warrenite surface pavement, $.189; 3-in. asph. conc. base with 1½-in. Warrenite surface pavement, $214; 5½-in. conc. gutter, $.23; conc. curb, $.65; catchbasins, $75; 12-in. culvert, $2.35; 10-in. culvert, $2.05; 8-in. culvert, $.170; 6-in. culvert, $1.45. Other bids were: San Jose Paving Co., $45,512.32; Warren Constr. Co., $44,649.60; Municipal Imp. Co., $44,314.86; Crummey Co., $46,-691.06; Eng. estimate, $43,839.39.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., submitted low bid to Bd. Pub. Wks., at approx. $136,236.41 for imp. San Pedro St., bet. 61st St. and Manchester Ave., involv. grading at $14,500 (lump sum); 462,230 sq. ft. concrete paving at 21.7c ft.; 2331 ft. curb at 65c ft.; 7260 sq. ft. walk at 20c ft.; san. sewers at $12,000 (lump sum); 5155 ft. hse. sewers at $1.25 ft. Other bids were:

Wm. Liddington—$8200 grading; 23c paving; 65c curb; 20c walk; $15,000 san. sewer; $1.50 hse. sewers.

Griffith Co., $12,000 grading; 24c paving; 65c curb; $16,000 san. sewer; $1.95 hse. sewers.

Wm. Liddington—$8699.75 grading; 22.5c paving; 62c curb; 18.5c walk; $18,-210 san. sewer; $1.50 hse. sewers.

W. D. McCray—$14,000 grading; 24.5c paving; 70c curb; 22c walk; $22,000 san. sewer; $1.95 hse. sewers.

WASHINGTON, D. C.—See "Government Works and Supplies," this issue. Concrete roads, etc., San Diego, Cal.

SAN JOSE, Santa Clara Co., Cal.—Until July 9, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. following sts.:

St. John St., bet. 7th and 16th, except intersections of 9, 10, 12, 13, 14 and 15th and portion bet. 14th and 15th: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curbs, gutters and walks; 5 br. catchbasins; 8-in. vit. pipe drains.

N 8th St., bet. Santa Clara and Julia: grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc base; hyd. conc. curb and gutter.

11th St., from north line of Reed to south line of Reed St.: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous cem. conc. base; hyd. conc. curb and gutter; 2 br. catchbasins; 8-in. vit. pipe drains.

15th St., bet. Santa Clara and Jackson: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curbs and gutters; 2 br. catchbasins; 8-in. vit. pipe drains.

All under 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

GLENDALE, Cal.—W. J. Curren, 379 W Patterson, Glendale, awarded cont. by council at $16,629 to imp. wing St. involv. 1965 lin. ft. grading 60c ft.; 3965 ft. curb 50c ft.; 74,083 sq. ft. 3-in. macad. 9.5c ft.; 19,753 sq. ft. walk 16c ft; 2015 ft. 4-in. pipe (laying only) at $3270 complete.

Peter L. Ferry, 614 Acacia Ave., Glendale, awarded contr. at $6344 for imp. Mariposa Ave. and other streets, involv. 789 ft. grading 60c ft.; 1548 ft. curb 50c ft.; 29,056 sq. ft. 5-in. macad. 13c ft.; 7812 sq. ft. walk 17c ft.

Peter L. Ferry awarded contr. at $2-614.44 for imp. Granada St., involving 521 lin. ft. grading 40c ft.; 470 ft. curb 50c ft.; 16,025 sq. ft. 3-in. macad. 10c ft.; 3610 sq. ft. oiling roadway 5c ft.; 943 sq. ft. walk 18c ft.; 348 ft. 6-in. water pipe (laying only) at $800 complete.

Peter L. Ferry awarded contr. at $15,087.68 for imp. Highland Ave., involv. 1792 lin. ft. grading $1.40 ft.; 3627 ft. curb 50c ft.; 58,216 sq. ft. 5-in. macad. 13c ft.; 7486 sq. ft. gutter 20c ft.; 1054 ft. 4-in. water pipe (laying only) at $1700 complete.

Sauerman Drag Lines and Scrapers In Stock

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

NAPA, Napa Co., Cal.—Until July 23, 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, for fur. and del. 3000 bbls. Portland cement. Cert check 10% payable to Chair. Bd. of Sups. req. with each bid. Edw. P. Ball, county surveyor.

STOCKTON, San Joaquin Co., Cal.—Council, A. L. Banks, Clerk, declares inten. to imp. portions of Channel, Cross and Center Sts.: grade, const. comb. conc. curbs and gutters; conc. walks; pave with 3-in. cementing gravel base and 3-in. asph. conc. base with 2-in. asph. conc. wearing surface; 1911 Act and Bond Act 1915. Protests July 16. W. B. Hogan, city eng.

EUREKA, Humboldt Co., Cal.—Council, A. Walter Kildale, clerk, declares inten. to imp. A St., bet. Long and Harris: grade; 7-in. gravel pavement; const. wood culverts, gutters; curbs and crosswalks. 1911 Act. Harry H. Hannah, city eng.

PASADENA, Cal.—On an opinion of their attorneys that proceedings for the const. of a sewer system in the northwest section of the city contain irregularities, the general construction firm, Cory Bldg., of Fredericksen & Shannon, successful bidders, Fresno, informed the city board of directors that they did not feel justified in entering into contract with the city. Albert J. Sherer and Robert Young, attorneys for the construction company, point out that the res. of inten. adopted by the board fails to describe with reasonable certainty the extent of the work to be performed and that plans and profiles for the work vary from the resolution of inten. The board referred the matter to City Attorney James H. Howard for investigation and report.

SAN FRANCISCO—Board of Public Works has awarded the following contracts:

City Const. Co., Call Bldg., to imp. 22nd St., bet. DeHaro and Rhode Island involv. 400 lin. ft. conc curb and 8400 sq. ft. pavement.

City const. Co., at $588.25 to imp. Collins St. bet. St. Rose and Geary involv. 35 lin. ft. granite curb; 40 lin. ft. conc. curb and 1245 sq. ft. conc. pavement.

Municipal Const. Co., 112 Lyon St., at $3240 to imp. Heyman Ave., bet. Coleridge and Prospect Ave., involv. 315 lin. ft. granite curb; 195 sq. ft. art. stone walks; 2 br. catchbasins; 48 lin. ft. 10-in. culverts; 988 sq. ft. asph. conc. pavement and 5424 sq. ft. conc. pavement.

Municipal Const. Co., at $859.23 to imp. south one-half of Balboa St., from 22nd ave. 25 ft. westerly, involv. 108 lin. ft. conc. curb; 175 sq. ft. basalt pavement and 450 sq. ft. asph. conc. pavement and 1485 sq. ft. asph. surface.

M. J. Lynch, 309 Call Bldg., at $5,-213.50 submits low bid to Bd. Pub. Wks to imp. Gilman Ave., bet. Ingalls and Griffith, involv. 2973 cu. yds. cut; 1446 cu. yds. fill and 2588 lin. ft. conc. curb.

INGLEWOOD, Cal. — Until 8 p. m., July 16, bids will be rec. by city trustees to imp. Glenway Dr., involv. approx. 61,563 sq. ft. grade and prepare sub-grade; 4118 lin. ft. r.w. header boards; 45,089 sq. ft. 4-in. Willite pavement; 2 corr. metal pipe culverts. Cert. chk. or bond 10%. A. W. Cory, city engr. Otto H. Duelke, city clerk.

SALINAS, Monterey Co., Cal.—W. A. Dontanville, Salinas, at $6,978 awarded cont. by council to imp. portions of Avenues A, B and C: Grade, $.03; 6-in. waterbound macadam pavement, $.095; conc. gutter, $.29; conc. curb, $.70; 12-in. part circle culvert, $2.50. Granite Construction Co., Watsonville, bid $7,-491.87.

OAKLAND, Cal.—Bids will be asked at once by county supervisors to pave Livermore-Pleasanton road with concrete or asphaltic pavement; to be 18-ft wide with 6-ft. earth shoulder, incl. const. of bridges and culverts. Geo. A. Posey, county surv.

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

YUBA CITY, Sutter Co., Cal.—Galbraith and Janes, Yuba City, at $12,390 awarded cont. by supervisors to pave approx. 1-mi. of Bunce lateral.

Heafey, Moore and McNair, 2030 High St., Berkeley, awarded cont. to patch and pave various stretches at $60,595.

MARTINEZ, Conta Costa Co., Cal.—Mountain View Sanitary District will vota bonds of $12,000 July 27 to finance construction of main trunk sewer lines. Ross L. Coffee, 221 South 22nd St., Richmond, Eng.

HANFORD, Kings Co., Cal.—Until July 16, 5 p. m., bids will be rec. by D. C. Williams, city clerk, to imp. 11th St., bet. Douty and Harris and bet. Harris and Brown Sts.: pave with 4-in. bituminous base with 1½-in. Warrenite-Bit. surface; const. cement curbs. 1911 Act. Cert. check 10% payable to city req. Ben Duffield, city eng.

OROVILLE, Butte Co., Cal.—Chambers and De Golyer, Bacon Bldg., Oakland, awarded cont. to const. sewer system in Orange Heights, a new residence sub-division in Oroville. Contract involv. construction of 4000 ft. sewer to connect with city system. E. W. Clemo is owner of the tract.

SACRAMENTO, Cal.—Highway Committee of Sacramento Chamber of Commerce petitions county supervisors to take steps to construct highway from Rio Vista highway to connect with new Antioch bridge; est. cost $250,000.

NAPA, Napa Co., Cal.—Simon Lenz & Son, St. Helena, at $1330 awarded cont. by supervisors to const. cem. walks from Veterans' Home to S. P. station at Yountville. Other bids: H. Thorsen, $1414; Frank Gaggero, $1534.

PALO ALTO, Santa Clara Co., Cal.—W. J. Tobin, 527 Santa Ray Ave., Oakland, awarded cont. by city council to const. sewers in East Palo Alto, involv. 15,300 lin. ft. 6-in. pipe, $.53 lin. ft.; 7957 lin. ft. 8-in. $.60; 53 manholes, $60 ea; 500 6x4-in. wyes, $.40 ea.; 250 6x8-in. wyes, $.50 each.

PHOENIX, Ariz.—Until 2 p. m., July 18, bids will be rec. by F. R. Goodman, state engr., to const. Mesa-Superior highway, federal aid project No. 65, involv. 1200 cu. yds. excav.; 24,000 cu. yds. excav.; 24,000 cu. yds. borrow, 41,000 sq. yds. paving; 350 cu. yds. structural conc.

HUNTINGTON BEACH, Cal. — Until July 16, new bids will be rec. by city trustees to pave Ocean Ave., through the city limits of Huntington Beach, approx. 3 mi., involv. 711,300 sq. ft. paving with 4-in. asph. conc. base and 2-in. Willite surface; 23,800 cu. yds. excav. for pavement; 1395 cu. yds. excav. for storm sewer; 470 lin. ft. half-round culvert and 875 lin. ft. 12-in .conc. culvert pipe; one manhole, 8 drop chambers, 7 catch basins complete; 90 ornam. lamp posts. The work on 17th St. and Delaware Ave. involves 227 cu. yds. excav.; 1575 tons black base patch; 204,256 sq. ft. resurfacing with 3-in. Warrenite-Bit. surface.

SAN JOSE, Santa Clara Co., Cal.—Council, John J. Lynch, Clerk, declares inten. to imp. 19th St., bet. Santa Clara and William: Grade; 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base pavement; hyd. conc. curb and gutter; hyd conc. walks; hyd. cem. conc. alley driveways, etc. 1911 Act and Bond Act 1915. Protests July 16. Wm. Popp, City Eng.

OAKLAND, Cal.—Bids are being rec. by Geo. E. Gross, county clerk, to be opened about July 30, to imp. Livermore-Pleasanton rd., total est. cost $220,000, involv.:

1,028,000 sq. ft. class A grading.
9000 cu. yds. class B grading.
1,150,000 sq. ft. class C grading.
600 cu. yds. excavation for culverts.
300 cu. yds. concrete in structures.
75,000 lbs. rein. steel in place.
2000 lin. ft. 6-in. pile drains in place.
300 cu. yds. broken rock for drains in place.
66,300 sq. ft. oil macadam pavement complete.
1200 lin. ft. 12-in. corru. pipe in place.
1200 lin. ft. 18-in. corru. pipe in place.
5400 lin. ft. trenching for roots and back fill.
Painting and repair bridge.
2400 lin. ft. guard rail, complete in place.

Alternative Pavement

655,000 sq. ft. 5 to 7-in. conc. pavement in place.
655,000 sq. ft. 5-in. conc. pavement in place.
655,000 sq. ft. 2-in. Warrenite-Bitulithic pavement.
655,000 sq. ft. 3-in. Warrenite-Bitulithic pavement.
655,000 sq. ft. 4-in. Warrenite-Bitulithic pavement.
655,000 sq. ft. 5-in. Warrenite-Bitulithic pavement.

Plans on file in office of county clerk. Geo. A. Posey, county surv.

SAN JOSE, Santa Clara Co., Cal.—Following bids rec. by county supervisors to imp. Norwood Ave. in Supervisor Dist. 2: John F. Adams, $18,800; L. J. McReynolds, $12,090; San Jose Paving Co., $14,300; John Doyle, $13,967. Eng. est. $7365. Bids rejected. Work ordered done by day labor.

PORTLAND, Ore.—Until July 13, 10 A. M., bids will be rec. by C. H. Purcell, Dist. Eng., U. S. Bur. of Pub. Rds., 316 New Post Office Bldg., to const. Mt. Hood Loop Nat'l. Forest Road project, Clackmas and Hood River counties, Ore., 6.2 mi. involv. 13,000 cu. yds. crushed rock or gravel; 327 stations sub-grade; 650 cu. yds. maintenance rock or gravel. Plans obtainable from Eng. or deposit of $10, returnable.

SACRAMENTO, Cal.—Until July 19, 9:15 P. M., bids will be rec. by H. G. Denton, City Clerk, to imp. 7th St. from alley bet. D and E Sts., to U St., involv. 22,930 sq. ft. pavement to be removed and replaced; 6930 lin. ft. ditching and backfilling trench for sewers; 4360 lin. vit. ironstone sewer pipe; 3570 lin. ft. Monolithic rein. conc. sewer; 18 manholes. Est. cost, $55,000. Albert Givan, City Eng.

CALISTOGA, Napa Co., Cal.—Town trustees, J. G. Finch, Clerk, declare intention to imp. portions of Railroad Ave., Washington, Cedar Sts., etc., grade; pave with hyd conc. br. and conc. storm water inlets; 12-in. vit. ironstone sewer pipe conduits; 8-in. galv. corru. iron pipe culverts; 6-in. vit. pipe sewers with 4 and 6-in. wycs. 1911 Act and Bond Act 1915. Protests July 12. Total est. cost, $140,000.

FRESNO, Fresno Co., Cal.—County Surveyor Chris. P. Jensen, Cory Bldg., preparing spec. to imp. roads as follows:

5-in. asph. conc. on the following: Sanger-Academy highway, est. cost, $80,000; Fowler-Laton highway, $110,000; Alta Ave., north of Tulare county line, $40,000; Reed Ave., south of Reedley, $15,000.

4-in. asph. conc.: Tranquility road, $100,000; Upper End Blackstone Ave., $70,000; Raisin City road, $100,000. Trimmer Springs road will be paved with macadam, approx. 10 mi. long, and Lower end of Tollhouse road, macad. pavement, approx. 10 mi. long.

EUREKA, Humboldt Co., Cal.—Until July 17, 8 p. m., bids will be rec. by A. Walter Kildale, city clerk, to const. conc. walks in portions of Third and M Sts. 1911 Act. Cert. check 10% payable to city req. Harry H. Hannah, city eng.

ANAHEIM, Cal.—Griffith Co., 502 L. A. Ry Bldg., Los Angeles, awarded cont. by city trustees at 22c sq. ft. to pave various street intersections, involv. 1845 sq. ft. 5-in. conc. base and 2-in. asph. wearing surface; 24,766 sq. ft. 3½-in. asph. conc. base and 1½-in. asph. conc. wearing surface.

SAN JOSE, Santa Clara Co., Cal.—Until July 23, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, to imp. Jackson Ave. in Supervisor Dist. No. 3. Spec. on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal.—Until July 23, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, to imp. San Jose and Alviso road in Supervisor Dist. No. 3. Spec. on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal.—Following bids rec. by county supervisors to imp. Mt. Pleasant Rd., in Supervisor Dist. 2: John Doyle, $12,474; San Jose Paving Co., $12,000; John F. Adams, $15,800. Eng est., $7990. Bids rejected. Work ordered by day labor.

SANTA CLARA, COUNTY—Following bids rec. July 2 by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with gravel, 4.5 mi. in Santa Clara county bet. Gilroy and San Felipe. Project involv. 40,000 cu. yds. roadway excav. with classification; 500 cu. yds. culvert excav. without classification; 9000 cu. yds. gravel surface; 45 cu. yds. class A Port. cem. conc. (culverts an monuments); 1137 lin. ft. 18-in. and 67 lin. ft. 24-in. metal pipe; 95 monuments; (commission to furnish corru. metal pipe):

Collins & Seppi, Chico	$87,342.75
Tieslau Bros., Berkeley	90,604.50
J. P. Holland, S. F.	95,794.50
A. J. & J. L. Fairbanks, Inc. San Francisco	101,782.75
W. A. Dontanville, Salinas	107,852.00
Geo. Foster, Edw. Ferguson and F. C. Marcus, Watsonville	124,999.05
Engineer's Estimate	76,754.50

GLENDALE, Cal.—Council declares inten. to imp. Colorado St., bet. east city limits and San Fernando Rd., etc., involv. paving with 1½-in. national pavement surface on 4-in. asph. conc. base; const. cem. curb, gutter, walk, reinf. conc. and corr. iron culvert, cast iron and conc. manholes, frames and covers; reinf. conc. intake; 4-in. cast iron class B water pipe; Vrooman Act. A. J. Van Wie, city clk. This work totals approx. 2 mi. in length.

SAN FRANCISCO — Bd. Pub. Wks. completes spec. to imp. West Portal Ave. bet. 15th St. and Francis Circle, est. cost $3300, involv. 432 lin. ft. conc. curb and 9504 sq. ft. asph. conc. pavement

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco. Phone Kearny 1885

Architects—Engineers—City and County Officials

How about bids wanted?

Are you satisfied with the bids you received on that last job?

Did you have competition—and plenty of it? If not—why not?

Without charge the BUILDING & ENGINEERING NEWS will place your job before the construction interests of the Pacific Coast. That means competition and—competition means the lowest possible bid.

If you want competition send particulars of your job to BUILDING & ENGINEERING NEWS—also a set of plans and specifications.

Reach the *Independent Bidder* through the columns of BUILDING & ENGINEERING NEWS

The combined news services of BUILDING & ENGINEERING NEWS have a circulation of

2793

—reaching the Engineer, Contractor and Material Dealer.

Can you reach one quarter the amount of interested people through any other news service published in this section? We think not—in fact, we know you cannot.

If you want *competition*—if you want *independent* contractors to figure your job—if you want the *lowest possible bid*—send particulars of your project to

Building & Engineering News

SAN FRANCISCO — Board of Pub. Wks. requests supervisors to appropriate $7688 to finance construction of art. stone sidewalks around Alta quare.

VALLEJO, Solano Co., Cal.—Provision will be made in the 1923-24 budget to finance extension of Sonoma St., over tidelands to 4th St., in South Vallejo; for drainage of the Dos Reis holdings near South Vallejo; construction of Northern District sewer from end of Sutter St. out to bay, a distance of approx. 2-mi. and the purchase of water mains to replace those in various sections of the city. T. D. Kilkenny, city eng.

MONTEREY, Monterey Co., Cal. — Council, A. J. Mason, clerk, declares inten. to imp. Munras Ave., from Block 14 to west city limits: grade; pave 24-ft. wide with 2-in. asph. conc. surface on 5½-in. macadam base; 2 15-ft. in. corru. culverts with conc. copings, 1911 Act & 1915 Bond Act. Protests July 17. H. D. Severance, city eng.

SANTA BARBARA, Cal. — Jas. T. Cornwall, 227 Equestrian Ave., Santa Barbara, awarded contr. by council to imp. 4th St., bet. Hollister Ave. and Chapala St., involv. 1½-in. asph. conc. pacing on 5-in. conc. base at 24c ft.; 3 ft. combined curb and gutter at $1.30 ft.; 6-ft. combined curb and gutter at $2 ft.; curb at 75c ft.; cem. gutter at 25c ft.; main sewer complete, $485; culverts complete, $300; grading complete, $2000 (lump sum); rubble walls complete, $1075.

CARSON CITY, Nevada.—Christensen Construction Co., Palo Alto, Calif. at approx. $41,400 awarded cont. by State Highway Comm. to const. 4.99 mi. of highway in Churchill county, bet. east city limits of Fallon to pt. 4.99 mi. south involv. 4.99 mi. prepare subgrade and shoulders; 44,400 sq. yds. asph. macadam base course; 44,400 sq. yds. asph. macadam 2nd course and 44,000 sq. yds. seal coat. State furnishes crushed rock and screenings in stock pile at Fallon and "E" Grade asph. f. o. b. tank cars, Fallon.

NAPA, Napa Co., Cal.—Frank Bryant, at $14,442.20 awarded cont. by supervisors to grade Coombsville road from Napa city limits at East Third St., to Frisby Ranch.

CARSON CITY, Nevada — Strahan, Bishop and Brooks, 201 Hagelstein Bldg., Sacramento, Calif., at $108,772.60 awarded cont. by state highway comm. to const. 9.16 mi. bet. Deeth and pt. 9.16 mi. east, Elko county, involv.: 59,730 cu. yds. excav. unclass; 754 yd. stnd. overhaul; 10.27 mi. prepare subgrade and shoulders; 16,450 cu. yds. loading and screening gravel; 77,282 yd. mi. haul and 16,450 cu. yd. spreading gravel; 155 cu. yds. "A" an d78 cu. yds. class "B" conc.; 196 lin. ft. 24-in., 944 lin. ft. 18-in. and 310 lin. ft. 24-in. corr. metal pipe; 166 lin. ft. 24-in. corru. metal siphon in place; 2784 lin. ft. wooden guard rail; 50 monuments; 1 sign post.

CARSON CITY, Nevada—Brown and Stafford, Madera, Calif., at $74,592.23 submits low bid to State Highway Comm., to const. highway from Deeth to 9.16 mi. east, Rt. 1, Sec. D, 9.16 mi., involv. 43770 cu. yds. excav. unclass.; 9.10 mi prepare subgrade and shoulders; 14,600 cu. yds. loading and screening gravel; 77,818 yd. mi. haul and 14,600 cu. yds. spreading gravel; 285 cu. yds. "A" and 112 cu. yds. class "B" conc.; 392 lin. ft. 15-in., 850 lin. ft. 18-in. and 410 lin. ft. 24-in. corru. metal pipe; 286 lin. ft. 24-in. corru. metal siphon, 46 monuments; 2 sign posts.

Other bids: Palfreyman and Clyde, Springville, Utah, $89,923.89; W. J. Schmidt, Berkeley, $110,880.88; Strahge and Vallandingham, Salt Lake City, Utah, $111,931.23. Two lowest bids taken under advisement. Geo. W. Borden, state highway eng.

LOS ANGELES, Cal.—John P. Oswald 58th and Towne Ave., awarded cont. by Bd. Pub. Wks. to imp. Diaz Ave., bet. Rita St. and Ventura Blvd., involv. grading at $6500 (lump sum); 194,772 sq. ft. Topeka paving 19c ft.; 290 sq. ft. finish grade, oil, and roll at 9c ft.; storm drain complete, $800. Griffith Co. bid $52,652.70.

SAN MATEO, San Mateo Co., Cal.—City Trustees, E. W. Foster, clerk, declare inten. to imp. portions of 1st, 2nd, 3rd and 4th Aves., E, F, G, H and I Sts.: grade; 5-in. hyd. conc. pavement; hyd. conc. curbs; 6 and 8-in. vit. pipe sewer; 4-in. vit. lateral sewers; br. manholes; hyd. conc. catchbasins, etc. 1911 Act & Bond Act 1915. Protests July 16. G. Stanley Whitehead, City engineer.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St. awarded contr by bd. Pub. Wks., at $84,668.10 to imp. Normandie Ave., bet. 54th St. and Florence Ave., involv. grading at $8451.25 (lump sum); 276,562 sq. ft. conc. paving 22.7c ft.; 150 sq. ft. grade and oil 7c ft.; 5503 ft. curb 63c ft.; 5503 ft. curb 63c ft.; 26,076 sq. ft. walk 19c ft.; 2939 ft. hse. sewers $1.55 ft.; six chimneys at $450 complete. Other bids were: Joe Mullarkey, $84,924.91; Gibbons & Reed Co., $86,862.44; Geo. H. Oswald, $89,084.98; Jahn & Bressi, $90,073.34; C. W. Shafer, $90,461.18; Griffith Co., $90,729.60; W. D. McCray, $90,771.95; H. D. Churchill Co., $102,001.90; Southern Construction Co. (bid incomplete).

TRACY, San Joaquin Co., Cal.—Until July 16, 8 p. m., bids will be rec. by Geo. A. Good, Clerk, West Side Union High School District to pave driveways and parking area at high school, involv. 450 ft. comb. curb and gutter; 18,500 sq. ft. paving; 9500 sq. ft. 1½-in. surfacing; one catchbasin. Cert. check $1000 payable to Pres. of Board of Trustees of Dist. req. Spec. obtainable from clerk at Tracy.

SAN DIEGO, Cal.—Supervisors declare inten. to imp. portions of Adams Ave., Works Ave., 32nd St., Mission Dr. etc., involv. 224,337 sq. ft. grade and pave with 1½-in. asph. conc. surface on 5-in. conc. base, 4-in. disint. granite sub-base; const. galv. corru. iron and conc. culverts; curbs; Vrooman Act. Ernest R. Childs, county surv.

OAKLAND, Cal. — Council awards contracts for street work as follows:

Hutchinson Co., Hutchinson Bldg., Oakland, portions of E St.: grade, $.05; conc. curb, $.75; conc. gutter, $.29; oil macadam pave, $.12; cem. walks, $.20.

Cambar and Garden, 969 3rd St., Oakland; portions of Harrington Ave.: 6-in. pipe sewer, $.90; manholes, $65; lampholes, $15; wye branches, $.50.

Salvatore De Guarda, Oakland, Hilton St., bet. 55th and 57th Aves.: grade, $.04; conc. curb, $.75; conc. gutter, $.25; oil macadam pave, $.11; cem. walks, $.18.

REDWOOD CITY, San Mateo Co., Cal.—Until July 16, 8 p. m., bids will be rec. by W. A. Price, town clerk, to imp. portions of Hudson, Johnson, Reese and Gordon Sts., Oak Ave., etc., by const. 8 and 6-in vit. sewers with wyes; brick manholes, lampholes, laterals, flushtanks, etc. 1911 Act. Cert. check 10% payable to Town req. C. L. Dimmitt city engineer.

SANTA BARBARA, Cal.—Supervisors adopt resolution asking U. S. government to appropriate $150,000 toward paving San Marcos Pass rd. The road is the only accessible route to the national forest reserve and the Santa Ynez water shed.

FRESNO, Fresno Co., Cal.—Council petitioned to pave Fresno ave., bet. Belmont and Thomas with 6-in. concrete. Wm. Stranahan, city eng.

SAN FRANCISCO—Board of Supervisors contemplate expenditure of $700,000 from Good Roads Fund for following improvements: Peninsula Highway, $500,000; Marina, $80,000; Virginia Ave., $30,000; Avalon Ave., $2,000; San Jose Ave., $18,000; Silver Ave., $25,000; Skyline Blvd. (fencing), $15,000. M. M. O'Shaughnessy, city eng.

EL CENTRO, Cal.—J. A. Costello, Jr., 1083 Shotwell St., San Francisco, was awarded contr. by city trustees to pave east one-half of 9th St., bet. Main and State Sts., at 28c sq. ft. asph. conc. paving and $1 ft. curb.

SACRAMENTO, Cal.—Galbraith and Janes, Yuba City, submit low bid to Joint Highway District No. 3, State of California (in Sacramento and Sutter counties) to construct highway. Bids follow:

Galbraith & Janes, Yuba City, Cal. (this bid may be accepted for one two or three items)	Elk Horn Section	$153,920.62
	Verona Section	197,580.14
	Tudor Section	219,834.63
	Total	**$571,335.39**
Galbraith & Janes (this bid can be accepted only on condition that all sections are accepted and not in part)	Elk Horn Section	$150,470.30
	Verona Section	197,580.14
	Tudor Section	219,834.63
	Total	**$567,885.07**
General Constr. Co., San Francisco	Elk Horn Section	$160,803.15
	Verona Section	211,018.85
	Tudor Section	241,897.85
	Total	**$613,719.85**
Kaiser Paving Co., San Francisco	Elk Horn Section	$155,034.99
	Verona Section	206,328.82
	Tudor Section	220,651.54
	Total	**$582,015.35**
Clark & Henery Const. Co., Stockton, Cal.	Elk Horn Section	$191,694.10
	Verona Section	229,482.75
	Tudor Section	275,094.55
	Total	**$696,271.40**
Warren Construction Co., Oakland, Cal.	Elk Horn Section	$181,966.55
	Verona Section	215,875.25
	Tudor Section	265,152.10
	Total	**$662,993.90**
V. R. Dennis Constr. Co., McMinnville, Ore.	Elk Horn Section	$148,327.20
	Verona Section	172,750.80
	Tudor Section	229,580.45
	Total	**$550,658.45**
McGillivrny Const. Co., Sacramento, Cal.	Elk Horn Section	$191,465.50
	Verona Section	233,839.50
	Tudor Section	297,397.62
	Total	**$722,702.62**
A. Teichert & Son, Sacramento, Cal.	Tudor Section	**$224,537.84**
Henly-Tibbitts Const. Co., San Francisco, Cal.	Elk Horn Section	**$199,360.36**
Frederickson & Shannon, Fresno, Cal.	Elk Horn Section	**$154,460.00**
	Verona Section	**$182,527.00**
J. F. Knapp, Turlock, Cal	Tudor Section	**$205,118.70**

Bids taken under advisement until July 9, when contract will probably be awarded. C. W. Deterding, Jr., Courthouse, Sacramento, Engineer.

ALBANY, Ore.—Until July 12, bids will be rec. by City Council to extend sewers, one unit extending for distance of 6000 ft. with pipe 30-in. laid to 25-ft. depth and another unit, a main sewer 18-in. size, extending 2500 ft. and laid to depth of 17 ft. Plans obtainable from Stevens & Koon, engineers, Spalding Bldg., Portland, Ore.

MODESTO, Stanislaus Co., Cal.—Until July 11, 8 p. m., bids will be rec. by L. A. Love, city clerk, to imp. following .sts.:

Hackberry Ave., bet. Stoddard and Morris Ave., grade; pave with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; conc. electroliers. "Marbellte" (type 700) complete with wires, pipe, conduit, connection boxes, conc. foundations, etc. 1911 Act and Bond Act 1915.

Hackberry Ave., bet. Needham and Stoddard; grade; pave with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; "Marbelite" conc. (type 700) electroliers complete with globes, wires, pipe, conduit, connection boxes, etc.; 1911 Act and Bond Act 1915.

F St., bet. 16th and 17th Sts.; Grade; 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement; conc. curbs and gutters. 1911 Act and Bond Act 1915.

Cert. check 10% payable to city req. W. F. McCarton, city eng.

SAN FRANCISCO — Board of Pub. Wks. contemplates spec. to imp. Vulcan St., bet. Levant and Ord Sts.; est. cost $4800. Project involv. 37-ft. galv. pipe railing; 951 cu. yds. cut; 218 cu. yds. fill and special treatment (concrete stairways and copings, rails and culverts).

MONROVIA, Cal.—Until 7:30 p. m., July 16, new bids will be rec. by city trustees to imp. Encinitas Ave., bet. Hillcrest Blvd. and 250 ft. north of Greystone Ave., grade and oil; const. curb, conc. gutter; 1911 Act. Lewis P. Black, city clerk. No bids rec .for this work June 29.

OAKLAND, Cal.—Until July 12, 12 M bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Loma Vista Ave.: const. conc. culvert, 2-ft. 6-in. high by 2-ft. 6-in. wide; 2 conc. inlets and curtain walls. 1911 Act. Cert. check payable to city req. W. W. Harmon, city engineer.

RIVERSIDE, Cal.—Until 10 a. m., July 16, new bids will be rec. by supervisors to const. 4190 lin. ft. storm drain at Prado, involv. 4644 cu. yds. excav.; 810 cu. yds. class B cem. conc. Plans obtainable from county surveyor A. C. Fulmour. Deposit $5 required .Cert. chk 5%. Bids rec. June 25 were: G. M. Pearson, $14,738; H. H. Teget, $14,765; G. H. Dent, Covina, $15,072.

REDWOOD CITY, San Mateo Co., Cal.—Until July 16, 8 p. m., bids will be rec. by W. A. Price, city clerk, to imp. portions of Oak Knoll, Brewster, ets., Sts. and aves. grade; pave with crushed rock, rock screenings and asphaltic road oil; comb. conc. curbs and gutters; conc. walks; corru. iron arch culverts, etc. 1911 Act. Cert. check 10% payable to Town req. C. L. Dimmitt, city eng.

LONG BEACH, Cal.—California Construction Co., 58 2nd St., San Francisco, has signed contr. for the Belmont Shore improvement job, awarded them at $556,112.17. Work involv. st. imp. and storm and sanitary sewer systems.

SAN BRUNO, San Mateo Co., Cal.—City trustees petition to pave streets in Belle Air Park with 4-in. conc. base and 2-in. asph. surface. Referred to City Eng. G. A. Kneese for report.

SAN FRANCISCO—City Const. Co., Call Bldg., at $384.16 awarded cont. by Bd. Pub. Wks. to imp. Lyell St., bet. Bosworth and Springdale, involv. 50 lin. ft. conc. curb and 592 sq. ft. asph. conc. pavement.

PITTSBURG, Contra Costa Co., Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, at approx. $34,000 awarded cont. by city trustees to pave Black Diamond Ave. bet. 4th and 10th Sts. and east 2nd St., bet. Black Diamond and Railroad Ave.

GLENDALE, Cal.—Until 7 p. m., July 12, bids will be rec. by council to imp. portion of Cypress St., Magnolia Ave., Los Angeles St., and San Fernando Rd., involv. 1030 lin. ft. grading; 37,970 sq. ft. 3-in. macad. paving; 4574 sq. ft. cem. walk; 224 lin ft. curb; 560 lin. ft. 6-in. and 975 ft. 4-in. cast iron water pipe.

FAIRFIELD, Solano Co., Cal.—Until July 17, 8 p. m., bids will be rec. by Lewis Morrill, town clerk, to imp. portions of Union Ave. and Texas St., re-grade and repave with existing macadam and new asph. conc. with a Warrenite-Bit. surface; cem. conc. and corru. iron culverts; conc. curbs. 1911 Act & Bond 1916. Cert. check 10% payable to clerk req. E. N. Eager, city engineer.

APACHE COUNTY, Ariz. — W. M. Tenney, Jr., Alpine, Ariz., awarded contr. by U. S. bur. of pub. roads, at $32,534.08 (condition B) for const. Clifton-Springerville sec. of national forest road in Apache county, 7.57 mi., 10-ft. graded roadway. His bid involv. clearing and grubbing at $800 (lump sum); 6582 cu. yds. rock excav. at $1.52 yd.; 26,738 cu. yds. comm. excav. at 37c yd.; 7.57 mi. finishing at $60 mi.; 200 cu. yds. D conc. at $17 yd.; 6858 lbs. reinf. steel at 11c lb.; 1542 ft. 18-in. c. m. p. at $2.10 ft.; 138 ft. 24-in. c. m. p. at $311 ft; 66 ft. 30-in. c. m. p. at $3.72 ft.; 274 ft. 36-in. c. m. p. at $5.67 ft.; 55 cu. yds. hand placed embank. at $2.50 yd.; 29,700 lin. ft. protection ditch at 5c ft.; one cattle guard and gate at $25; his bid on items under condition A were: clearing and grubbing, $1220; rock excav., $1.67 yd. Engr.'s est., (condition A), $36,686.40.

MARTINEZ, Contra Costa Co., Cal.—G. W. Cushing, 2005 Roosevelt Ave., Richmond, at $20,075 awarded cont. by supervisors to pave approx. one mile of road south of S. P. depot at Pittsburg.

Hutchinson Co., Hutchinson Bldg., Oakland, at $5008 awarded cont. to pave road leading to Mt. Diablo Park.

Mrs. E. E. O'Brien, Martinez, at $9,310 awarded cont. to grade Charles Hill on the tunnel road.

LOS ANGELES, Cal.—B. B. Boyd, Box 215, East San Diego, submitted low bid to Bd. Pub. Wks. at $139,978 for fur. submarine reinf. conc. pipe for north outfall sewer Sec. No. 1. Start delivery 60 days from date of constr. Other bids were: Western Reinf. Concr. Pipe Co., $298,900; begin mfg. in 40 days; complete 190 days. Bent Concr. Pipe Co., $322,000; start mfg. in 45 days; complete in 160 days; Llewellyn Iron Wks., (cast iron pipe); $582,246; start in 4 mos.; complete in 12 mos. U. S. Cast Iron Pipe & Fdy. Co., (cast iron pipe), $591,542; other schedules as follows; 2-a, $09,532; 2-b, $492,928; 2-c, $632,266; 2-d, $526,354; 2-e, $493,750; delivery f. o. b., Hyperion siding, in 258 wkg. days from date of contr.

HUNTINGTON BEACH, Cal—All bids for paving Ocean Ave., through the city limits rejected by the city trustees. The work will probably be re-advertised within the next two weeks. The spec will be changed to allow other surfacing material than bitulithic.

LOS ANGELES, Cal.—Jahn & Bressi, 522 Byrne Bldg., submitted low bid to Bd. Pub. Wks. at $283,750.10 for imp. Hill St., bet. Washington St. and Santa Barbara Ave.; involv. grading at $35,000 (lump sum); 1946 sq. ft. asph .paving at 35c ft.; 589,337 sq. ft. 8-in. conc. paving at 30c ft.; 1950 sq. ft. bitum base paving at 25c ft.; 11,880 sq. ft. oiling and rolling at 10c ft.; 13,894 sq. ft. oiling and rolling at 10c ft.; 13,894 ft. curb at 65c ft.; 184,810 sq. ft. walk at 20c ft.; 126 sq. ft. gutter at 30c ft.; reinf. conc. culverts at $800; san. sewer at $5000; 4672 ft. hse. sewers at $1.25 ft.; 14,832 ft. lighting conduit at 75c ft.; 3190 sq. ft. asph. remodeling at 25c ft. Other bids were:

Griffith Co.,—$40,000 grading (lump sum); 35c asph. paving; 28.8c conc. paving; 25c bitum. paving; 10c oiling; 60c curb; 20c walk; 30c gutter; $750 culverts; $8300 san. sewer; $2 hse. sewers; 75c conduit; 25c asph. remodeling; total, $287,795.73.

Geo. H. Oswald—$50,000 grading; 34c asph. paving; 31c conc. paving; 25c bitum. paving; 10c oiling; 70c curb; 20c curb; 20c walk; 35c gutter; $1000 culverts; $6670 san. sewer; $1.25 house sewers; 80c conduit; 35c remodeling; total, $308,155.61.

W. D. McCrap—$50,000 grading; 5c asph. paving; 33c conc. paving; 35c bitum. paving; 3c oiling; 67c curb; 20c walk; 30c gutter; $1200 culverts; $7400 san. sewer; $1.25 hse. sewers; 60c conduits; 30c asph. remodeling; total $317,692.09.

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry Bldg., submitted only bid to supervisors at $28,500 to imp. Los Angeles St., bet. Maine Ave. and Azusa Canyon Rd., R. D. 1 No. 256, 5275 ft. or .999 mi., involving 5103 cu. yds. excav.; 12,444 sq. yds. shaping roadway; 3958 sq. yds. 2-in. asph. conc. top; 8486 sq. yds. 2¼-in. asph. conc. top; 3958 sq. yds. 4-in. asph. conc. base; 8486 sq. yds. 4¼-in. asph. conc. base; 270 sq. ft. conc. gutter; 12,444 sq. yds. flush coat. Est. contr. price, $28,777.25.

Griffith Co low bidder at $48,775 to imp. Florence Ave., from Wright Rd. east to Compton Jaboneria Rd., under R. D. I. No. 237, involving 7117 cu. yds. excav., 17,730 sq yds. shaping roadway, 17,730 sq. yds. conc. pavement. Est. contr. price, $50,283.30. Average haul from Cudahy on S. P. R.R., 2 mi., Other bids were: J. Paul Benson, $48,900; Southern Constr. Co., $51,618; H. E. Cox, $51,755; W. D. McCray, $54,000; J. G. Beckjord, $55,000; Gibbons-Reed Co., $56,483; P. F. Martter, $57,650.

REDDING, Shasta Co., Cal.—Warren Construction Co., Bacon Bldg., Oakland, awarded cont. by city trustees to imp. Market St., bet. Trinity and North Market St., (Riverside Drive) and portions of north Market St.; grade, construct conc. curbs and gutters; conc. walks conc. catchbasins; install vit. pipe and pave with 5-in. asph. conc. consisting of 3½-in. asph. conc. base with 1½-in. Warrenite Bit. surface.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION STREET — Junction Valencia — Phone Market 8926
24 VAN NESS AVENUE — Near Market

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt
2587	Pastori	Christiansen	14000
2588	Bowen	Harder	11000
2589	Cantoni	De Benedetti	6500
2590	Mills	Phoenix	3500
2591	Hamill	Owner	1000
2592	Knidecker	Owner	2300
2593	Nydegger	Balliet	2500
2594	Maslach	Jenkins	2490
2595	Bryan	Gompertz	5000
2596	Ham	Owner	115000
2597	Weissbein	Meyer	33230
2598	Boyd	King	999
2599	Federal	Herring	27828
2600	Wurlitzer	Grassi	425
2601	Same	Wagner	775
2602	Same	Smith	1775
2603	Same	Zellensky	1100
2604	Horgan	Owner	3000
2605	Dauguelec	Walcott	1500
2606	Exley	Owner	1900
2607	Harter	Ahl	11000
2608	McCarthy	McCarthy	3000
2609	Costello	Owner	3000
2610	Macdonald	Bjorkman	1000
2611	Abrian	Walker	32000
2612	Schenone	Milano	4000
2613	Steuer	Owner	2000
2614	Tittle	Wagner	7500
2615	Ramacciotti	Knittle	981
2616	Same	Morton	36390
2617	Same	McKeon	6423
2618	Same	Haverkamp	2100
2619	Grady	Brown	600
2620	Labarbere	Denke	40000
2621	Koch	Owner	10000
2622	Suniki	Hanson	3500
2623	Cautoni	De Benette	6500
2624	6th Church	Sartorio	2802
2625	Marenzi	Maffei	10800
2626	Lowenberg	Sommer	24000
2627	Angham	Beetham	20000
2628	Blahnik	Owner	3000
2629	Feerick	Owner	10000
2630	Schwartz	Owner	60,000
2631	Cesio	Owner	5000
2632	Golobriek	Maguire	7000
2633	Rudolph	Lindberg	3900
2634	McCann	Saari	3700
2635	Fazzio	Merritt	1800
2636	Johnson	Owner	20000
2637	Hansen	Owner	18000
2638	Little	Little	9000
2639	Woodfield	Hjul	17000
2640	Market Inv.	Morton	2223
2641	Arkwright	Meyer	1800
2642	Raetz	Meyer	4800
2643	Ellingson	Owner	2000
2644	Same	Same	4000
2645	Same	Same	3000
2646	Magnuson	Owner	7000
2647	Vallerga	Grosman	3000
2648	Nydegger	Balliet	3000
2649	Guisto	Michel	1000
2650	Samoure	Pene	25374
2651	Walker	Owner	15000
2652	Ernest	Owner	40000
2653	Pastore	Christiansen	27375

APTS. & STORES
(2587) SE GEARY AND TWENTY-fourth Ave. 3-story and basement frame (7) apartments and stores.
Owner—Castello Pastori, care builder.
Architect—Milton W. Morrison 716 41st Ave., San Francisco.
Contractor — Christiansen Bros., 518 25th Ave., S. F. $14,000

FLATS
(2588) N FRANCISCO 175 W Franklin. 2-story and basement frame (2) flats.
Owner—J. Bowen, 960 Broadway, S. F.
Architect — Paul F. Demartini, 960 Broadway, San Francisco.
Contractor — John Harder, 570 39th Ave., S. F. $11,000

STORES & FLATS
(2589) W MISSION 25 N College. 2-story frame store and flat.
Owner—L. Cantoni, 61 Naples St., S. F.
Architect—None.
Contractor—A. DeBenedetti, 22 Cotter St., San Francisco. $6500

LIGHTS
(2590) NE BUSH AND MONTGOMERY Sts. Install sidewalk lights.
Owner—Mills Building, premises.
Architect—None.
Contractor — Phoenix Sidewalk Light Co., Monadnock Bldg., S. F. $3500

DWELLING
(2591) SW TWENTY-FOURTH AND Anza St. 1½-story and basement frame dwelling.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architcet—None. $4000

RESIDENCE
(2592) W BRITTAN 184-4 S Visitacion. 1-story and basement frame residence.
Owner — William J. Kindecker, 128 Brittan St., San Francisco.
Plans by owner. $2300

DWELLING
(2593) W GRANADA 300 S DeMontford. 1-story and basement frame dwelling.
Owner—Emil and Olga Nydegger.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—George Balliet, 2125 Pine St., San Francisco. $2500

ALTERATIONS
(2594) 3040-42 MISSION ST. Move store and dwelling; concrete work, plumbing, electric work, etc.
Owner—Michael and Anna Maslach, 3040-A Mission St., S. F.
Architect—None.
Contractor—Jenkins and Gross, 3360 Market St., S. F. $2490

SHOP
(2595) N MINNA 130 W 4th. 1-story concrete shop.
Owner—Mary M. Bryan, Los Angeles.
Architect—None.
Contractor—Chas. W. Gompertz, 910 Balboa Bldg., San Francisco. $5000

APARTMENTS
(2596) SW SUTTER AND LEAVENworth Six-story and basement concrete (23) apartments.
Owner—L. B. Ham, 105 Montgomery St. San Francisco.
Architect—None. $115,000

APARTMENTS
(2597) SW GEARY AND TENTH AVE W 32-6xS 100. All work for three story and basement store and apartment building.
Owner—Jacob Weissbein, Hobart Bldg., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed June 28, '23. Dated June 21, '23.

Frame up	$8307.50
Brown coated	8307.50
Completed and accepted	8307.50
Usual 35 days	8307.50
TOTAL COST.	$33,230.00

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Bond, $16,615 Sureties, Theodore G Meyer and Rollin E. Meyer. Limit, 90 days after July 1, 1923. Forfeit, $10. Plans and specifications filed.

ALTERATIONS
(2598) NW HOWARD 275 NE 5th NW 160 x NE 350. Wrecking and taking down of W wall of 1-story bldg.
Owner—Boyd Investment Co., 255 California St., S. F.
Architect — Nathaniel Blaisdell, 255 California St., S. F.
Contractor—W. S. King, Hearst Bldg., San Francisco.
Filed June 28, 1923. Dated June 26, 1923
Wall wrecked $250
Completed and accepted 600
Usual 35 days 149
TOTAL COST, $999
Bond, $500; Sureties, Wm. A. Ramey and John Cassaretto; Forfe t, none; Limit, 30 days; Plans, none; Specifications, none.

ALTERATIONS
(2599) NW BATTERY AND SACRAmento W 275 x N 119-6. Steel plate and grille partitions, omnibus garages, doors to compartments, wall wainscott, etc., for 7-story class A bank building.
Owner—Federal Reserve Bank of S. F.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Herring Hall Marwin Safe Co., 214 Calif. St., S. F.
Filed June 28, 1923. Dated June 1, 1923
On complete shipment of materials from contractor's factory.....25%
When materials deliv. at bldg . 50%
Completed and accepted.....25%
TOTAL COST, $27,828
Bond, $14,464; Sureties, National Surety Co.; Forfeit, none; Limit, 7 months; Plans and specificaitons filed.

FLOORING, ETC.
(2600) E MISSION 215 S Nineteenth. Travertite bases, borders and flooring for vestibule and show windows for building.
Owner—The Rudolph Wurlitzer Co., 250 Stockton St., San Francisco.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—P. Grassi & Co., 135 Tehama St., San Francisco.
Filed June 28, '23. Dated June 23, '23.
NOTE—Permit reported June 21, 1923 No. 2485.
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, $425
Bond, none. Limit, 15 days. Forfeit, plans and specifications, none.

(2601) PAINTING, ETC., ON ABOVE.
Contractor—Fred Wagner, 313 Scott St. San Francisco.
Filed June 28, '23. Dated June 23, '23.
Payments same as above.....
TOTAL COST, $775
Bond, none. Limit, 15 days after notified to begin. Forfeit, plans and specifications, none.

(2602) GLASS OF EVERY DESCRIPtion on above.
Contractor—P. A. Smith Co., 638 4th St., San Francisco.
Filed June 28, '23. Dated June 23, '23.
Payments same as above.....
TOTAL COST, $1775
Bond, none. Limit, 15 days after notified to begin. Forfeit, plans and specifications, none.

(2603) ELECTRIC WIRING IN METAL conduit on above.
Contractor—B. L. Zellensky (as Crown Electric Co.), 153 Eddy St., S. F.
Filed June 28, '23. Dated June 23, '23.
Payments same as above.....
TOTAL COST, $1100
Bond, none. Limit, 15 days after notified to begin. Forfeit, plans and specifications, none.

DWELLING
(2604) E LONDON 175 N France, 1-story and basement frame dwlg.
Owner—Patrick Horgan, 915 Pierce St. San Francisco.
Architect—None. $3000

FLATS
(2605) 1848-50 DIVISADERO ST. Remodel 3 flats; enlarging rooms; new flooring, etc., etc.
Owner—Stephen Danguelec, 1850 Divisadero St., San Francisco.
Architect—None.
Contractor—J. J. Walcott, 406 Moraga St., San Francisco. $1500

STORE
(2606) W HOWARD 27-6 N Erie. 1-story frame store.
Owner—J. C. Exley, care architect.
Architect—Martin A. Sheldon, 110 Sutter St., S. F. $1900

FLATS
(2607) N GEARY 108 E Commonwealth. 2-story & basement frame (2) flats.
Owner—T. D. Harter, 77 O'Farrell St., San Francisco.
Architect—None.
Contractor—G. E. Ahl, 2127 Market St. San Francisco. $11,000

DWELLING
(2608) W FIFTEENTH AVE. 275 S Judah. 1-story & basement frame dwelling.
Owner—John E. and Ethel M. McCarthy, 1479 12th Ave., San Francisco.
Architect—None.
Contractor — John E. McCarthy 1479 12th Ave., S. F. $3000

DWELLING
(2609) E TWENTY-NINTH AVE. 240 N Cabrillo. 1-story and basement frame dwelling.
Owner—Costello & Purtell, 806 York St., San Francisco.
Architect—None. $3000

REMODEL
(2610) E CAPP 125 S 17th. Concrete foundation and flooring; remodel for private garage (flats).
Owner—W. A. Macdonald, 2539 Mission St., San Francisco.
Architect—None.
Contractor — Victor Bjorkman, 4539 Mission St., S. F. $1000

ADDITION
(2611) NE FREMONT AND MISSION. 1-story reinforced concrete addition for lofts.
Owner—Abrian Estate.
Architect — G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—P. J. Walker, 607 Sharon Bldg., S. F. $32,000

STORE
(2612) E MISSION 25 N Brazil. 1-story concrete hardware store.
Owner—J. Schenone, premises.
Architect — Paul F. DeMartini, 946 Broadway, San Francisco.
Contractor—B. Milano, Daly City $4000

REPAIR
(2613) NO. 4587 MISSION ST. Repair 4 rooms and shed for dry cleaning establishment; install three skylights.
Owner—M. Steuer, 4587 Mission St., San Francisco.
Architect—None. $2000

OFFICE & WAREHOUSE
(2614) E COLUMBIA SQUARE 75 N Harrison. 2-story frame office and warehouse.
Owner—H. S. Tittle, 766 Folsom St., San Francisco.
Architect—None.
Contractor—George Wagner, 251 Kearny St., S. F. $7500

HEATING
(2615) W JONES 77-6 N Turk N 60 x W 68-9. Heating work for 3-story and basement bldg. (apartments and stores).
Owner—Hugo F. Ramacciotti, Mills Bldg., San Francisco.
Architect—August G. Headman, Call Bldg., San Francisco.
Contractor—Knittle Cashel Co., 224 5th St., San Francisco.
Filed June 29, 1923. Dated May 7, 1923.
Roughed in $367
Completed and accepted..... 368
Usual 35 days 246
TOTAL COST, $981
Bond, $496; Sureties, National Surety Co.; Forfeit, $20; Limit, 60 days; Plans and specifications filed.

(2616) ALL WORK ON ABOVE EXcept electrical work, shades, wall beds, plumbing, painting, heating, electric fixtures.
Contractor—John Morton Co., Balboa Bldg., San Francisco.
Filed June 29, 1923. Dated May 7, 1923.
2nd floor joists set $6603
Concrete poured to fire walls and finished roof on..... 6603
1st coat cement plaster on outside 6603
Completed and accepted 6606
Usual 35 days 9975
TOTAL COST, $36,390
Bond, $18,195; Sureties, Fidelity & Deposit Co., of Maryland; Forfeit, $20; Limit, 130 days; Plans and specifications filed.

(2617) PLUMBING ON ABOVE.
Contractor—F. P. McKeon, 233 Post St. San Francisco.
Filed June 29, 1923. Dated May 7, 1923.
Roughed in $2817
Completed and accepted 2000
Usual 35 days 1606.85
TOTAL COST, $6423.15
Bond, Sureties, none; Forfeit, $20; Limit, 60 days; Plans and specifications filed.

(2618) ELECTRICAL WK ON ABOVE.
Contractor — H. F. Haverkamp, 1148 Market St., San Francisco.
Filed June 29, 1923. Dated May 7, 1923.
Roughed in $788
Completed and accepted 787
Usual 35 days 525
TOTAL COST, $2100
Bond, $1050; Sureties, Royal Indemnity Co.; Forfeit, $20; Limit, 120 days; Plans and specifications filed.

BUILDING
(2619) McCORMICK S OF PACIFIC bet. Hyde and Larkin. All work for frame building.
Owner—Annie Grady, S McCormick St. San Francisco.
Architect—None.
Contractor—Matthew Brown 57 Sharon St., San Francisco.
Filed June 29, 1923. Dated June 27, 1923
1 week aft work started.....$250
Completed and accepted 350
TOTAL COST, $600
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

APARTMENTS
(2620) E TAYLOR 62-4 N Broadway. Three-story and basement frame (11) apartments.
Owner—Joseph and Celina Labarbere, 1659 California St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor — Denke & Bowers, 1317 Hyde St., San Francisco. $40,000

FRAME FLATS
(2621) SW TWENTY-FIRST & DIAmond. Two-story and basement frame (2) flats.
Owner—Ernest Koch, 4105 21st St., S. F.
Architect—None. $10,000

COOLER
(2622) N EVANS AVE 50 W Newhall. Construct cooler and chill room.
Owner—Suiki-Harban & Suniki, Evans Ave. near Newhall, S. F.
Architect—None.
Contractor—F. A. Hanson, 155 Delano Ave., San Francisco. $3500

STORE AND FLATS
(2623) W MISSION 25 N College Ave. 25x100. All work except concrete, sewer in street, fiinish hardware, gas and electric fixtures and shades for two-story frame building (store and flats),
Owner—L. Cantoni, 61 Naples St., S. F.
Architect—None.
Contractor—A. Debenedette & Son, 22 Cotter St., San Francisco.
Filed June 30, '23. Dated June 25, '23.
Frame up $1625
Brown coated 1625
Completed and accepted..... 1625
Usual 35 days..... 1625
TOTAL COST, $6500
Bond, $3250. Sureties, Geovanni Caruso and L. Cordano. Limit, 90 days after July 1. Forfeit, none. Plans and specifications filed.

BRICK BLDG.
(2624) SE DIVISADERO —— 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼ W. A. 462. Concrete and reinforced concrete work, except floors and sidewalks for one-story, mezzanine and basement brick building.

Owner—6th Church of Christ Scientist, Clay and Divisadero Sts., S. F.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Chas. Sartorio, 180 Jessie St., San Francisco.
Filed June 30, '23. Dated June 4, '23.
Completed and accepted.....$2100
Usual 35 days..... 700
TOTAL COST, $2800
Bond, $1401. Sureties, Stephen Gueren and C. Bruschresa. Limit, ——. Forfeit, none. Specifications only filed.

ADDITION
(2625) NW CHESTNUT AND POLK 33-6x85. All work for addition to flat building.
Owner—Andrea Marenzi, 3224 Laguna St., San Francisco.
Architect—None.
Contractor—V. Maffel, 1230 Chestnut St., San Francisco.
Filed June 30, '23. Dated June 18, '23.
Roof on $3000
Plaster on 3000
Completed and accepted..... 3000
36 days after..... 1800
TOTAL COST, $10,800
Bond, $5400. Sureties, A. Ramazzotti and Jos. Chiotti. Limit, forfeit,none. Plans and specifications filed.

ALTERATIONS
(2626) NO. 1637 MARKET ST., 25x90. All work for alterations and additions to two-story and basement brick building.
Owner — Bettie Lowenberg, Hearst Bldg., San Francisco.
Architect—Samuel L. Hyman, 68 Post St., San Francisco.
Contractor—I. M. Semmer.
Filed June 30, '23. Dated June 23, '23
Payments on 5th and 20th of each month not to exceed amount actually paid by contractor..
Total on completion not to exceed $30,000
Usual 35 days.....Balance
TOTAL COST, not to exceed $31,000 and 3000 fer contractor.
Bond, none. Limit, Nov. 17, 1923. Forfeit, none. Plans and specifications filed.

APARTMENTS
(2627) SE JULIAN AVE. AND 15TH. Three-story and basement frame (8) apartments.
Owner—Mary Jane Anglum, 51 Guerrero St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—A. H. Beetham, 3555 18th St., San Francisco. $20,000

DWELLING
(2628) S MAYNARD 177 W Craut. One story and basement frame dwlg.
Owner—Jos. Blahnik, 119 Madrid St., San Francisco.
Architect—None. $3000

DWELLINGS
(2629) E TWENTY-FIFTH AVE 275 and 300 N Fulten. Two two-story and basement frame dwellings.
Owner—Bryan Feerick, 253 Downey St., San Francisco.
Designer—Bryan Feerick, 253 Downey St., San Francisco.
Contractor—Bryan Feerick, 253 Downey St., San Francisco. $5000 ea

APARTMENTS
(2630) S PACIFIC AVE 165 S Brederick. Three-story and basement frame (14) apartments.
Owner—S. A. Schwartz, 430 Funston Ave., San Francisco.
Architect—Henry Shermund, 1230 Hearst Bldg., S. F. $60,000

FRAME FLATS
(2631) E BLAKE 100 N Geary. Two-story and basement frame (2) flats.
Owner—G. B. Cesio, 74 Blake St., S. F.
Architect—None. $5000

FLATS
(2632) NE SAN BRUNO AND SILVER Aves. Two-story frame (3) flats and stores.
Owner—John and Barbara Golobrick, Premises.
Designer—Edw. J. O'Connor, 346 Woolsey St., San Francisco.
Contractor — James J. Maguire, 576 Colby St., San Francisco. $7000

DWELLING
(2633) W CORDOVA 58-9 N Athens. One-story and basement frame dwelling.
Owner—J. Rudolph, 84 Cordova St., San Francisco.
Architect—None.
Contractor—C. Lindberg, 257 Surrey St., San Francisco. $3900

DWELLING
(2634 W BOCANA 231 E Eugenia. One-story and basement frame dwelling.
Owner—J. McCann, 232 Bocana St., San Francisco.
Architect—None.
Contractor—S. Saari, 155 Brussels St., San Francisco. $3700

ALTERATIONS
(2635) NO. 320 TWENTY-NINTH. Alter and repair (2) flats.
Owner—G. A. Fazzio, Premises.
Architect—None.
Contractor—Geo. M. Merritt Bldg., Co., 3014 Geary St., S. F. $1800

APARTMENTS
(2636) W FRANKLIN 75 S Bay. Three-story and basement frame (11) apartments.
Owner—Axel A. Johnson, 632 Belvedere St., San Francisco.
Architect—None. $20,000

DWELLINGS
(2637) N CAPISTRANO 135, 160, 185, 210, 235 and 260 E San Jose Ave. Six one-story and basement frame dwellings.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000 each

FRAME FLATS
(2638) W TWENTY-FIRST AVE 235 N Fulton. Two-story and basement frame (2) flats.
Owner—John Little, 1035 Lincoln Way, San Francisco.
Architect—None.
Contracter—John Little & Son, 1035 Lincoln Way, S. F. $9000

CLASS C BLDG.
(2639) N FOLSOM 275 E Fourth 75x 155. All work for one-story Class C building.
Owner—W. H. Woodfield Jr., 30 Hemway Terrace, San Francisco.
Architect—Jas. H. Hjul, 1342 Mission St., San Francisco.
Contracter—Jas. H. Hjul, 1342 Mission St., San Francisco.
Filed July 2, '23. Dated June 30, '23.
Frame up $4250
Roof boards on..... 4250
Completed and accepted..... 4250
Usual 35 days..... 4250
TOTAL COST, $17,000
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2640) NO. 743 MARKET. All work for store fronts.
Owner—The Market Investment Co., Premises.
Architect—Will H. Teepke, 942 Market St., San Francisco.
Contractor—John Morton, Balboa Bldg., San Francisco.
Filed July 2, '23. Dated June 27, '23.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $2223
Bond, $1112. Sureties, Roy Geary and Jno. Clervi. Limit, 30 days. Forfeit, none. Plans and specifications filed.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Gilbert C. Samuels Co. JEWELERS
33 Kearny 895 Market

COTTAGE
(2641) E THIRTY-FOURTH AVE 275 N Balboa N 25xE 120. All work for one 6-room cottage.
Owner—I. B. Arkwright and Jas. H. Conner, 5326 Geary St., S. F.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed July 2, '23. Dated June 5, '23.
Frame up $1200
Brown coated 1200
Completed 1200
Usual 35 days..... 1200
TOTAL COST, $4800
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2642) E THIRTY-FOURTH AVE 250 N Balboa N 25xE 120. All work for one 6-room cottage.
Owner—Rudolph J. Raetz, 5326 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed July 2, '23. Dated June 5, '23.
Frame up $1200
Brown coated 1200
Completed 1200
Usual 35 days..... 1200
TOTAL COST, $4800
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLING
(2643) E SIXTEENTH AVE 75 S Lincoln Way. One-story and basement frame dwelling.
Owner—E. Ellingson, 180 Jessie St., San Francisco.
Architect—None. $2000

DWELLING
(2644) SE SIXTEENTH AVE AND Lincoln Way. One-story and basement frame dwelling.
Owner—E. Ellingson, 180 Jessie St., San Francisco.
Architect—None. $4000

DWELLING
(2645) S LINCOLN WAY 27-6 E Sixteenth Ave. One-story and basement frame dwelling.
Owner—E. Ellingson, 180 Jessie St., San Francisco.
Architect—None. $3000

DWELLINGS
(2646) S VASQUEZ AVE 100 and 150 W Pacheco. Two one-story and basement frame dwellings.
Owner—Mrs. Magnuson and Mrs. H. Peterson, 662 Clayten St., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contracter—Magnuson & Peterson, 662 Clayton St., S. F. Cost, $3500 ea

DWELLING
(2647) N BAUER 150 W Mission. One story and basement frame dwlg.
Owner—J. Vallerga, 29 Nerton St., San Francisco.
Architect—None.
Contractor—W. E. Grosman, 51 Curtis St., San Francisco. $3000

ALTERATIONS
(2648) W GRANADA 325 N Holloway. Raise and make general alterations and repairs to present building.
Owner—Mr. Emil and Mrs. Olga Nydegger, 243 Granada Ave., S. F.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—George Balliet, 2125 Pine St., San Francisco. $3000

STATION
(2649) NW GENEVA AND MISSION. One-story steel gasoline station.
Owner—S. Guisto, 4400 Mission St., San Francisco.
Architect—None.
Contractor—Michel & Pfeffer, 1415 Harrison St., San Francisco. $1000

APARTMENTS
(2650) N GREEN 150 W Van Ness Ave. Three-story and basement frame (6) apartments.
Owner—A. Samoure, 1532 Green St., San Francisco.

Architect—A. J. Fabre and Hildebrand, 110 Sutter St., San Francisco.
Contractor—Pene & Hodges, 1230 Folsom St., San Francisco. $25,374

RESIDENCE
(2651) NW LARKIN & FRANCISCO. Two-story and basement frame residence.
Owner—Dr. C. A. Walker, Bush and Hyde Sts., San Francisco.
Architect—A. J. Coffey, 311 Humboldt Bank Bldg., San Francisco.
Segregated Contracts. $15,000

APARTMENTS
(2652) S O'FARRELL 137-6 W Hyde. Four-story and basement concrete (23) apartments.
Owner—Carl F. Ernest, 1631 20th Ave., San Francisco.
Architect—None. $40,000

APARTMENTS
((2653) SE GEARY AND TWENTY-fourth Ave. All work for three-story frame store and apartments.
Owner—Catello and Angelina Pastore, 518 25th Ave., San Francisco.
Architect—Milton Morrison, 716 41st Ave., San Francisco.
Contractor—Christiansen Bros., 518 25th Ave., San Francisco.
Filed July 3, '23. Dated June 26, '23.
Frame up $6843.75
Brown coated 6843.75
Completed and accepted..... 6843.75
Usual 35 days 6843.75
TOTAL COST, $27,375.00
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported June 29, 1923 No. 2587.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

June 28, 1923—LOT 12 BLK 1282 No. 242 Alma St. I Grant to whom it may concern.....Mar. 23, 1923
June 28, 1923—N VINTON COURT 77-6 W Grant Ave W 20xN 57-6. Robert Ng to Monson Bros.....June 20, 1923
June 28, 1923—W THIRTY-FIFTH Ave 75 S Cabrillo S 125xW 120. Harry Wissman to Meyer Bros.....June 26, 1923
June 29 1923—W TWENTIETH AV 325, 350 and 250 S Moraga 25x120. Bud Herrington to whom it may concern.....June 29, 1923
June 29, 1923—SW SAN BRUNO AV 25 NW Wayland NW 50xSW 80 Ptn Blk 5, University Md Survey. John Demattai & Sons to San Bruno Fuel Co.....June 29, 1923
June 29, 1923—W ALBION AVE 27 N Seventeenth. Margaret Lewis to Thomas M Jones.....June 26, 1923
June 29, 1923—E FORTY-FIFTH AV 160 S Irving S 25xE 120. Nance L Voll to C D Delmarter..June 28, 1923
June 29, 1923—LOT 17 BLK 6 St. Francis Wood. Fred H Green to Mangels Bros.....June 23, 1923
June 29, 1923—LOTS 16 AND 17 BLK "P" Mission Terrace. Walter E Hansen to whom it may concern.....June 29, 1923
June 29, 1923—W DORE 125 S HOWard 100x85. George Becker to Euschke & Brown....June 25, 1923
June 29, 1923 — LOT 1 BLK 3112 Westwood Park. Gordon W. and Linnie Morris to whom it may concern.....June 25, 1923
June 29, 1923—NE POWELL AND Greenwich 49-6x72-6. Carrie Torelli and J. Giuntini to Fracchia & Rosina .....June 25, 1920
June 29, 1923—LOT 16 BLK 3165 Westwood Park. Henry J. & Lena R. Thomas to Wilson & Benson.....June 27, 1923
June 29, 1923—NE McALLISTER & Leavenworth. Mrs. Anita Grimm to Pacific Structural Iron Wks.....June 25, 1923
June 30, 1923—S TWENTY-NINTH & NW San Jose Ave W 88-3¼ S 29 E 77-4⅝ NE 30-11⅝. Jos and Fannie Leider to F Ennis Jr...June 27, 1923
June 30, 1923—LOT 27 BLK 31; Lot 28 Blk 31, Amended Map Ingleside Terrace. Gordon W and Linnie Morris to whom it may concern.....June 27, 1923
June 30, 1923—LOTS 28 AND 29 BLK 3, Crocker Amazon Tract. Patrick Horgan to whom it may concern.....June 30, 1923
June 30, 1923—W EDNA 75 S Flood Ave S 25xW 100 Lot 47 Blk 18, Sunnyside. Henry W Austin to James Arnott & Son....May 25, 1923
June 30, 1923—E TENTH AVE 250 N Cabrillo S 25xE 120 Patrick Hannon to Thos McCormick.....June 23, 1923
June 30, 1923—W TWENTY-THIRD Ave 109-3 S Judah S 27-3xW 120. H W Bode to whom it may concern.....June 25, 1923
June 30, 1923—NW SIXTH AVE AND Anza N 61xW 32-6. Howard Hoots to whom it may concern.June 30, '23
June 30, 1923— TWENTY THIRD Ave 163-9 S Judah S 27-3xW 120. H W Bode to whom it may concern.....June 25, 1923
June 30, 1923—W TWENTY-THIRD Ave 136-6 S Judah S 27-3xW 120. H W Bode to whom it may concern.....June 25, 1923
July 2, 1923—W TWENTY-SIXTH AV 195 S Geary S 30xW 120. John C Thomas to whom it may concern.....July 2, 1923
July 2, 1923—E TWENTY-SECOND Ave 170 S California S 30xE 120. A Spiro to whom it may concern.....July 2, 1923
July 2, 1923—N ULLOA 32-6 E 31st Ave E 25xN 160. Daniel O'Connell and wife Clarice to Fred Warden.....June 30, 1923
July 2, 1923—W HAROLD 250 N Grafton Ave 25x112-6. Robert Miller and Wesley Donaldson to whom it may concern.....July 2, 1923
July 2, 1923—INT. CHENERY & SURrey. E P Burman to whom it may concern.....June 30, 1923
July 2, 1923—LOT 2 BLK 3110 Westwood Park. Hans and Esther E Nelson to whom it may concern.....June 29, 1923
July 2, 1923—SE PARIS 225 NE Brazil NE 25xSE 100. Vincenzo Gangale to Aug Pearson.July 2, 1923
July 2, 1923—E OTIS AND NW MISsion N 311-8⅝ SE 92 SW 285-8¾. The Pacific Embroidery Co. of S F to Olson & Persson. June 23, 1923; J E O'Mara Co and W E Trousdale.....June 28, 1923
July 3, 1923—W THIRTY-THIRD AV 157 S Cabrillo S 32 x W 120. J F Dowling to whom it may concern.....July 3, 1923
July 3, 1923—E TWENTY-NINTH AV 165 N "C". Wm Costello to whom it may concern.....July 3, 1923
July 3, 1923—NE VAN NESS AVE & Chestnut. H J H Chas J Bandmann to H J Hansen.....July 2, 1923
July 3, 1923—E TAYLOR 92 N Sacramento 23x80. James M Cramer to Olson & Persson.....July 2, 1923
July 3, 1923—E SHRADER 125 S Parnassus Ave 25x100. John J Binet to whom it may concern.....June 30, 1923
July 3, 1923—W FLORIDA 126 N 20th Spencer St. Planing Mill to whom it may concern.....June 30, 1923
July 3, 1923—SW CLAY & LARKIN S 27-8¼xW 100. Wm R Proll to Theo S Hoin.....July 1, 1923
July 3, 1923—LOTS 5, 6 AND 7 BLK "O" Mission Terrace. Amanda A Olsen to Olaf Olsen.....July 3, 1923
July 3, 1923—LOTS 8 AND 9 ½ LOT 7 Blk 13, Crocker Amazon Tract. W A Macdonald to whom it may concern.....July 3, 1923
July 3, 1923—E TWENTIETH AVE 200 N Irving N 25xE 120. Monihan & Slavin vs J C Gibson, Florence E Gibson $350
July 3, 1923—W CLAYTON 110 N Frederick N 25 x W 125. H A Chalmers vs John R and Margaret A Kelly and W Anderson.....$97.25

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

June 28, 1923—E NINTH AVE 75 N Judah N 25xE 95. Dalziel Moller Co vs J C Gibson $444.26
June 28, 1923—E NINTH AVE 50 N Judah N 50xE 95. Dalziel Moller Co vs J C Gibson.....$441.26
June 30, 1923—NE GUERRERO AND Fourteenth N 38xE 68-6. J H Kruse vs S Kosdoules, Louis Kozzoni and Henrietta Bow.....$170.83
June 29, 1923—E TWENTIETH AVE 200 N Irving N 25 x E 120. Reinhart Lumber & Planing Mill Co. vs. J. C. & Florence E. Gibson $2751.92
July 3, 1923—SW EIGHTEENTH AVE and Geary S 100xW 32-6. H A Chalmers vs Oscar Tobimer & Wm Hemminga $122.20

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

June 28, 1923—NW FULTON AND Twentieth Ave W 30xN 100. Gladding, McBean Co to Wm T Breen and H J Hansen.....
June 28, 1923—N UNION 55 E Gough E 25xN 112-6. Murdoch McKenzie to Michael & Laviar Firpo, Amilio and Enrica Vigo and M Perino..$200
June 1, 1923—S JACKSON 227-6 W Locust W 47-6 x S 127-8¼. John L Patton and W. B. Derbyshire (as Ace Sheet Metal Works) to Grace V. Benson .....
May 22, 1923—S Jackson 137-6 E Spruce S 127-8¼ x E 47-6. George N Bare to Grace V. Benson or Mrs. J. Benson .....
May 29, 1923—S JACKSON 137-6 E Spruce S 137-8¼ x E 47-6. A. Rasmussen & A. Millard (as Rasmussen & Millard) to Grace V. Benson .....
May 31, 1923—S JACKSON 137-6 E Spruce S 127-8¼ x E 47-6. O. J. Behm, E. Behm and A. Hehm (as J. Behm & Co.) to Grace V. Benson
June 5, 1923—S JACKSON 137-6 E Spruce S 127-8¼ x E 47-6. American Electrical Engineering Co. to Grace V. Benson .....
May 29, 1923—S JACKSON 137-6 E Spruce S 127-8¼ x E 47-6. E. S. Lowry & J. J. Daly (as Lowry & Daly) to Grace V. Benson.....
May 17, 1923 — S JACKSON 137-6 Spruce S 127-8¼ x E 47-6. The California Door Co. to D. J. Patterson and Mrs. Grace V. Benson.....
May 17, 1923—S JACKSON 137-6 E Spruce S 127-8¼ x E 47-6. R. M. Gardiner to D. J. Patterson and Mrs. Grace V. Benson .....
May 8, 1923—S JACKSON 137-6 E Spruce S 127-8¼ x 47-6. Inlaid Floor Co. to D. J. Patterson and Mrs. Grace V. Benson .....
May 8, 1923—S JACKSON 137-6 E Spruce S 127-8¼ x E 47-6. Vermont Marble Company to D. J. Patterson and Mrs. Grace V. Benson.....
May 28, 1923—S JACKSON 137-6 E Spruce S 127-8¼ x E 47-6. Christenson Lumber Company Cptn. to Grace V. Benson .....
June 29, 1923—3559 JACKSON S Line bet Spruce and Locust. Emile William Scheivert (as Gold Medal Range Co) to Grace V Benson.$491.92
June 29, 1923—S JACKSON 137-6 E Spruce E 47-6 x S 127-8¼. Marshall & Stearns Company to Mrs. G. V. Benson and D. J. Patterson..
June 29, 1923—S JACKSON 137-6 E Spruce E 47-6 x S 127-8¼. Kawneer Manufacturing Co. of California to Grace V. Benson $630.50
May 23, 1923—S JACKSON 137-6 E Spruce E 47-6 x S 127-8¼. Kern & Huser Artistic Iron & Bronze Works to Grace V. Benson.....$662
June 8, 1923—S JACKSON 137-6 E Spruce E 47-6 x S 127-8¼. W. P. Fuller & Co. to Grace V. Benson & D. J. Patterson $540
June 29, 1923—S JACKSON 137-6 E Spruce E 47-6 x S 127-8¼. Eugene Dietlio to Grace V. Benson....$630.50
June 29, 1923—S JACKSON 137-6 E Spruce E 47-6 x S 127-8¼. Joost Bros. cptn. to Grace V. Benson.. .....$715.60
June 29, 1923—S JACKSON 137-6 E Spruce E 47-6 x S 127-8¼. C. O. Munson to Grace V. Benson..$745.30
July 2, 1923—W FLORIDA 234 N Twenty-second N 26xW 100. A L Stockton Lumber Co to Mike and Daris Quijada and H C Lewis....
July 3, 1923—W NINTH AVE 150 S Balboa. Richmond Sanitary Mfg Co to John Doe McCormick.....$360
July 3, 1923—NW ROSWORTH AND Marselli. Richmond Sanitary Mfg Co to New Era Building Co..$213.59

July 3, 1923—SW REGENT AND San Jose Ave. Richmond Sanitary Mfg Co to New Era Building Co... .....$63.44
July 3, 1923—E TENTH AVE 250 N Cabrillo. Richmond Sanitary Mfg Co to John Doe McCormick...$413.40
July 3, 1923—THIRTY-FOURTH AV bet. Geary and Clement. Richmond Sanitary Mfg Co to W W Esker... .....$44.25
July 3, 1923—SW HOLLY PARK & Park Circle. Richmond Mfg. Co to New Era Building Co.....$367.74

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

June 28, 1923—NE GEARY & JONES No. 586 Geary. S & G Gump Realty Co as to improvements on property

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

June 28, 1923—S JERSEY 130 E Diamond E 30xS 114. George W Drane with Emil Weander.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,0000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3032	Holt	Johnson	3600
3033	Ytting	Major	2000
3034	Callenberger	Kachendorfer	9000
3035	Schenermann	Rockingham	4500
3036	Hally	Owner	21000
3037	Black	Hebel	3000
3038	Schmit	Campomenosi	5000
3039	Buhs	Ballard	1200
3040	McKenzie	Johanson	2900
3041	Small	Owner	1600
3042	Pires	Owner	2050
3043	Iversen	Ness	4000
3044	Doty	National	1500
3045	Sydes	Owner	2500
3046	Rankin	Yerrick	4000
3047	McCord	Owner	4000
3048	Stewart	Oakley	6200
3049	Blasingame	Owner	3000
3050	OConnor	Maganini	2450
3051	Clark	Alder	8000
3052	Mills	Connor	22000
3053	Viereck	Roscbrook	30000
3054	Piedmont	Scott	2284
3055	Piedmont	Hopper	34,000
3056	Hanson	Owner	5900
3057	Williams	Berkeley	500
3058	Timm	Lehman	3900
3059	Matson	Owner	1000
3060	Brazier	Owner	4000
3061	Price	Owner	4000
3062	P. T. & T.	Monson	57000
3063	Alameda	Owner	2750
3064	Cheetham	Gala	4000
3065	Redwood	Owner	6000
3066	Oakland	FcPherson	1000
3067	Ward	Wells	500000
3068	Manici	Waddell	3796
3069	Fraser	McPherson	4750
3070	Rieves	Owner	5400
3071	Capwell	Hoff	——
3072	Aronson	California	26000
3073	Ecklund	Owner	1200
3074	Legris	Owner	3500
3075	Vincent	Owner	3000
3076	Fazio	Owner	4500
3077	Quale	Shrader	2971
3078	Rollar	Owner	3000
3079	Oakland	Owner	250000
3080	Lindholm	Owner	1600
3081	McKie	Owner	6500
3082	King	Corbett	2000
3083	Russell	Owner	3000
3084	Ghirardelli	Chestnut	3140
3085	Orton	Owner	2000
3086	Neigenfind	Owner	3000
3087	Anderson	Kruse	3800
3088	Ratkovick	Orton	1000
3089	Ivan	Pearson	1500
3090	Blackman	Allen	5000
3091	Kahn	Kulchar	2000
3092	Cotton	Owner	3200
3093	Johnson	Owner	3500
3094	Ege	Webb	6225
3095	Pederson	Furman	2750
3096	Briglia	Langtry	9000
3097	Miller	Owner	2750
3098	Maurehan	Schnebly	1500
3099	Wilson	Owner	3000
3100	Whelan	Rosecrans	3500
3101	Fellows	Birch	2750
3102	Blabon	Owner	2500
3103	Capwell	Hoff	7500
3104	Churchill	Owner	1500
3105	Bigelow	Owner	2500
3106	Barnett	Wleben	7500

DWELLING
(3032) NO. 1241 ASHBY AVE., Berkeley. One-story 4-room dwlg.
Owner—Harry Holt, 1239 Ashby Ave., Berkeley.
Architect—None.
Contractor—Johnson & Adbon, 530 13th St., Oakland $3600

DWELLING
(3033) NO. 996 PARK, Alameda. One-story 4-room dwelling.
Owner—Mrs. A. L. Ytting, Premises.
Architect—None.
Contractor — C. Major, 958 Park St., Alameda. $2000

DWELLING
(3034) NO. 1719 SAN JOSE AVE., Alameda. Two-story 8-room dwlg.
Owner—J. Callenberger, 2508 Noble Ave., Alameda.
Architect—None.
Contractor—Geo. Kachendorfer, 2204 Lincoln Ave., Alameda. $9000

DWELLING
(3035) NO. 1711 SAN ANTONIO, Alameda. One-story 5-room dwelling.
Owner—K. F. Schenermann, 1109 Oak St., Alameda.
Architect—None.
Contractor — J. H. Rockingham, 1431 Grand St., Alameda. $4500

DWELLINGS
(3036) NO. 2900, 2904, 2906, 2910, 2912 and 2916 San Jose Ave., Alameda. Six one-story 5-room dwellings.
Owner—Hally & Co., 2315 Santa Clara Ave., Alameda.
Architect—None. ,$3500 each

DWELLING
(3037) 2214 DAMUTH ST., Oakland. 1-story 5-room dwelling.
Owner—J. O. Black, Oakland.
Architect—None.
Contractor — A. Hebel, 4061 Whittle Ave., Oakland. $3000

DWELLING
(3038) S EVERETT AVE. 150 W Leach Ave., Oakland. 1-story 5-rm. dwelling.
Owner—John Schmit, 1269 Excelsior Ave., Oakland.
Architect—None.
Contractor — E. Campomenosi, 5238 Lawton Ove., Oakland. $5000

SHED & OFFICE
(3039) W TELEGRAPH 30 N 34th St., Oakland. 1-story sted and office.
Owner—Buhs & Hall, 201 El Centro Ave., Piedmont.
Architect—None.
Contractor—J. Chester Ballard, 2628 13th Ave., Oakland. $1200

DWELLING
(3040) 2830 MINNA ST., Oakland. 1-story 4-room dwelling.
Owner—J. G. McKenze, premises.
Architect—None.
Contractor—K. A. Johanson, 2429 13th Ave., Oakland. $2900

ADDITION
(3041) 5938-40 CHABOT ROAD, Oakland. Addition.
Owner—T. M. Small, 297 Jayne Ave., Oakland.
Architect—None. $1600

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

DWELLING
(3042) E FIFTY-FIRST AVE. 210 S E-14th St., Oakland. 1-story 4-room dwelling.
Owner—Mrs. Rosa J. Pires, 1338 51st Ave., Oakland.
Architect—None. $2050

DWELLING
(3043) 4631 EL CENTRO AVE., Oakland. 1-story 5-room dwelling.
Owner—J. Iversen, Oakland.
Architect—None.
Contractor—Peter Ness, 1339 E-26th St., Oakland. $4000

ROOF SIGN
(3044) SW COR. TWELFTH AND Fallon Sts., Oakland. Roof sign.
Owner—R. A. Doty Co., premises.
Architect—None.
Contractor—National Elec. Sign Co., 510 18th St., Oakland. $1500

DWELLING
(3045) 4116 E-EIGHTEENTH ST., Oakland. 1-story 4-room dwelling.
Owner—E. C. Sydes, 1700 48th Ave., Oakland.
Architect—None. $2500

DWELLING
(3046) W SINGLETON RD 300 S Edith St., Oakland. 1-story 4-room dwlg.
Owner—Andrew Rankin, Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland. $4000

DWELLING
(3047) E ONE HUNDRED NINTH AV. 180 N Sunnyside Ave., Oakland. 1-story 5-room dwelling.
Owner—T. J. McCord, 4741 E-14th St., Oakland.
Architect—None. $4000

DWELLING
(3048) NO. 5028-30 BOND ST., Oakland One-story 8-room 2-family dwlg.
Owner—J. L. Stewart, 3334 Webster St., Oakland.
Architect—None.
Contractor—Oakley & Kolmodin, 1911 65th Ave, Oakland. $6200

DWELLING
(3049) NO. 11001 FOOTHILL BLVD., Oakland. One-story 5-room dwlg.
Owner — G. R. Blasingame, 3700 San Juan St., Oakland.
Architect—None. $3000

ALTERATIONS
(3050) NO. 547 MANDANA BLVD., Oakland. Alterations and garage.
Owner—Mrs. N. J. O'Connor, Premises.
Architect—None.
Contractor — J. F. Maganini, 603 36th St., Oakland. $2450

DWELLING
(3051) NO. 2903 AND 2909 FLORIDA St., Oakland. Two one-story 6-room dwellings.
Owner—A E. Clark, 2340 Peralta Ave., Oakland.
Architect—None.
Contractor—Alder & Clark 2510 E-21st St., Oakland. $4000 each

SWIMMING POOL
(3052) MILLS COLLEGE, Oakland. Swimming pool and dressing rooms
Owner—Mills College.
Architect—W. H. Ratcliff Jr., 1st Nat'l. Bank Bldg., Berkeley.
Contractor—Conner & Conner, 1733 Francisco St., Berkeley $22,000

APARTMENTS
(3053) W LENOX AVE 136 N Grand Ave., Oakland Three-story 27-room apartments.
Owner — Louis A. Viereck, 2960 San Pablo Ave., Oakland.
Architect—None.
Contractor—Guy Lynn Rosebrook, 1424 Franklin St., Oakland. $30,000

HEATING
(3054) PIEDMONT. All work for heating system for school.
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St. San Francisco.
Contractor — Scott Co., 381 11th St. Oakland.
Filed June 28, '23. Dated June 20, '23. Aas work progresses..... 75%
Usual 35 days..... 25%
TOTA COST, $2284
Bond, none. Limit, 100 days Forfeit, $10. Plans and specifications filed.

(3055) ALL WORK EXCEPT HEATing on above.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.
Filed June 28, '23. Dated June 20, '23.
Payments same as above.....
TOTAL COST, $34,000
Bond, none. Limit. 100 days. Forfeit, $10. Plans and specifications filed.

DWELLING
(3056) NO. 1932 EL DORADO, Berkeley
One-story 7-room dwelling.
Owner—Hans A. Hansson, 1749 Greve St., Berkeley.
Architect—None. $5900

DWELLING
(3057) NO. 864 ARLINGTON, Berkeley
Two-story 7-room dwelling.
Owner—L. S. Williams, Berkeley.
Architect—None.
Contractor—Berkeley Bldg., Co., Solano & Colusa, Berkeley. $5000

DWELLING
(3058) NO. 2904 ACTON, Berkeley.
One-story 6-room dwelling
Owner—Albert G. Timm, 1419 Magnolia St., Berkeley.
Architect—None.
Contractor—J. Lehman, 959 Apgar St., Oakland. $3900

ADDITION
(3059) NO. 2448 SAN PABLO AVE., Berkeley. Addition.
Owner—E. Matson, 2445 8th St., Bkly
Architect—None. $1000

DWELLING
(3060) NO. 10 CLAREMONT CRESCENT, Berkeley. One-story 5-room dwelling.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $4000

DWELLING
(3061) NO. 1928 HOPKINS, Berkeley.
One-story 6-room dwelling.
Owner—Raymond D. Price, 1734 Tacoma Ave., Berkeley.
Architect—None. $4000

TELEPHONE BLDG.
(3062) S FORTY-FIFTH ST. 100 E Telegraph, Oakland, 3-stery brick add to telephone bldg.
Owner—Pac. Tel. & Tel. Co., S. F.
Architect—None.
Contractor—Monson Bros., 251 Kearny St., S. F. $57,000

DWELLING
(3063) 2627 2633 2639 2645 CALIFORnia, Oakland, 4 1-stery 5-room dwellings.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None. 2750 ea.

DWELLING
(3064) W HERMOSA AVE. N Edith St., Oakland, 1-story 6-room dwlg.
Owner—Mrs. S. Cheetham, 5545 Hermosa Ave., Oakland.
Architect—None.
Contractor—Jas. Gala, 5535 Hermosa Oakland. $4000

TANK & TOWER
(3065) 950 AILEEN ST., Oakland. Tank and tower.
Owner—Redwood Mfg. Co., 1600 Hobart Bldg., San Francisco.
Architect—None. $6000

GARAGE
(3066) S THIRTIETH ST. 150 W Greve St., Oakland, 1-story brick garage.
Owner—Oakland French Laundry.
Architect—None.
Contractor—Stephen McPherson, 2151 Ashby Ave., Berkeley. $1000

MAIL ORDER BLDG.
(3067) SW COR. TWENTY-NINTH & E-14th St., Oakland, 8-story reinf. conc. mail order bldg.
Owner—Montgomery Ward & Co.
Architect—None.
Contractor—Wells Bros. Constr. Co., Chicago, Ill. $500,000

DWELLING
(3068) N FIFTY-THIRD ST. 250 W Adeline St., Oakland, 1-story 6-rm. dwelling.
Owner—Pedro Manici, 1050 53rd St., Oakland.
Architect—None.
Contractor—R. P. Waddell, 313 Newten Ave., Oakland. $3796

DWELLING
(3069) 2708 Montana St., Oakland. 1-story 6-room dwelling.
Owner—W. A. Fraser, 2151 Ashby Ave., Oakland.
Contractor—S. McPherson, 2151 Ashby Ave., Oakland. $4750

DWELLINGS
(3070) 3828 3832 3836 NEVIL ST., Oakland, 3 1-story 4-room dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $1800 each

FLOORING
(3071) FOURTEENTH & CLAY STS., Oakland. Hoffite flooring in basement of store.
Owner—H. C. Capwell Co., 13th and Clay St., Oakland.
Architect—None.
Contractor—Hoff Magnesite Co., Menadnock Bldg., S. F.
Filed June 28, 1923. Dated June 27, 1923
1st each week 75%
Completed and accepted 25%
TOTAL COST, 27c sq. ft.
Bonds, Sureties, Forfeit, none; Limit, 35 days; Plans none; Specifications filed.

APARTMENTS
(3072) NW FOURTEENTH AND ADEline Sts, Oakland. Two-story 28-room apartments.
Owner—H. Aronsen, Oakland.
Architect—None.
Contractor—California Builders Co., 1534 Franklin St., Oakland $26,000

DWELLING
(3073) SE TRUMAN & TALBOT, Oakland. One-story 4-room dwelling.
Owner—Aug. Ecklund, 2951 Talbot Ave., Oakland.
Architect—None. $1200

DWELLING
(3074) NW SHATTUCK AND FIFTYeighth, Oakland. One-story 5-room dwelling.
Owner—V. G. Legris, 600 56th St., Okd.
Architect—None. $3500

DWELLING
(3075) E SEMINARY 160 S E-14th, Oakland. One-story 5-room dwlg.
Owner—Wm. Vincent, 1474 74th Ave., Oakland.
Architect—None. $3000

DWELLING
(3076) S FORTY-FIFTH 190 W Market St, Oakland. One-story 8-room 2-family dwelling.
Owner—Jas. Fazie, 1803 98th Ave., Okd.
Architect—None. $4500

ALTERATIONS
(3077) NO. 572 JONES ST., Oakland. Alterations.
Owner—Chas. Quale, Premises.
Architect—None.
Contractor—J. F. Shrader, 2064 Telegraph Ave., Oakland. $2971

DWELLING
(2078) NO. 872 BROCKHURST, Oakland. One-story 6-room dwlg.
Owner—Chas. Rellar, 1424 Jefferson St., Oakland.
Architect—None. $3000

WHARF
(3079) FT. MARKET ST., Oakland. Concrete wharf.
Owner—City of Oakland.
Architect—None. $250,000

DWELLING
(3080) NO. 1820 CHESTNUT, Berkeley. One-story 4-room dwelling.
Owner—Axel Lindholm, 1211 Hearst Ave., Berkeley.
Architect—None. $1600

DWELLING
(3081) NO 841 ALAMEDA, Berkeley. One-story 6-room dwelling.
Owner—John McKie, 2131 Center St., Berkeley.
Architect—None. $6500

ALTERATIONS
(3082) 326-32 TWELFTH ST., Oakland. Alterations.
Owner—C. H. King Estate, 308 12th St. Oakland
Architect—None.
Contractor—Corbett & Bayliss, 19th & Union Sts., Oakland. $2000

DWELLING
(3083) E THIRTEENTH AVE. 140 S Hopkins, Oakland. 1-story 4-room dwelling.
Owner—Chas. A. Russell, 3528 Porter St., Oakland.
Architect—None. $3000

ADDITION
(3084) 821 GRAND AVE., Oakland. Addition.
Owner—Mrs. M. Ghirardelli, premises.
Architect—None.
Contractor—Jas. H. Chestnut, 235 Orange St., Oakland. $3140

DWELLING
(3085) 3330 SIXTY-EIGHTH AVE., Oakland.
1-story 4-room dwelling.
Owner—A. E. Orten, 6800 Trenor St., Oakland.
Architect—None. $2000

DWELLING
(3086) 5133 BOND ST., Oakland. 1-sto. 5-room dwelling.
Owner—W. C. Neigenfind, 5115 Bond St., Oakland.
Architect—None. $3000

DWELLING
(3087) 546 WELDON AVE., Oakland. 1-stery 5-room dwelling.
Owner — A. T. Anderson, Castlewood Apts., Oakland.
Architect—None.
Contractor—H. H. Kruse, 6200 Majestic Ave., Oakland. $3800

ADDITION
(3088) 3350 SIXTY-EIGHTH AVE., Oakland. Addition.
Owner—M. Ratkovich, premises.
Architect—None.
Contractor—A. E. Orten. $1000

ADDITION
(3089) 3521 EMERSON ST., Oakland. Addition.
Owner—John Ivan, premises.
Architect—None.
Contractor—Pearson Const. Co., 1501 37th Ave., Oakland. $1500

DWELLINGS
(3090) 1924 & 1930 EIGHTY-FOURTH Ave., Oakland. 2 1-story 4-room dwellings.
Owner—E. L. Blackman, 4221 E-14th St., Oakland.
Architect—None.
Contractor—Allen & Keeney, 2411 Hopkins St., Oakland. $2500 each

ALTERATION & ADDITION
(3091) 673 WALSWORTH AVE., Oakland. Alteration and addition.
Owner—Mrs. Fred Kahn.
Architect—None.
Contractor—S. Kulchar Co., 8th Ave. & E-10th St., Oakland. $2000

DWELLING
(3092) 4251 REDDING ST., Oakland. 1-story 4-room dwelling.
Owner—Cotton Bros., 3824 39th Ave., Oakland.
Architect—None. $3200

DWELLING
(3093) 1011 STANFORD AVE., Oakland. 1-story 5-room dwelling.
Owner—H. Elmer Johnson, San Leandre.
Architect—None. $3500

BUILDING.
(3094) LOTS 4, 5, 6, BLK. 14, Chevrolet Park, Oakland. Building.
Owner—Miss H. B. Ege, Mills College, Oakland.
Contractor—Webb & Whalen, 4663 Fair Ave., Oakland.
Filed, July 2. Dated. July 2, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted .....¼
Usual 35 days after .....
TOTAL COST $6225
Bond, none; Sureties, none; Forfeit, $10 day; Limit, 90 days. Plans and specifications filed.

DWELLING
(3095) 1609 DELAWARE, Berkeley. 1-story 5-room dwelling.
Owner—N. Federson.

Architect—None.
Contractor—M. F. Furman, 1610 Kains Ave., Berkeley. $2750

DWELLINGS
(3096) 927 931 935 ALLSTON, Berkeley. 3 1-story 5-room dwellings.
Owner—Mrs. R. Briglia, 804 29th St., Oakland.
Architect—None.
Contractor—J. R. Langtry, 739 Aileen St., Oakland. $3000 ea.

GARAGE
(3097) SW COR. TWENTY-SIXTH & Chestnut Sts., Oakland. 1-story brick and tile garage.
Owner—Miller Creamery Co., premises.
Architect—None. $2750

ALTERATIONS
(3098) 520 THIRTEENTH ST., Oakland. Alterations.
Owner—J. Maurehan, premises.
Architect—None.
Contractor—Schnebly & Hostrawser, 6th & Jackson Sts., Oakland. $1500

DWELLING
(3099) 816 E-TWENTY-SECOND ST., Oakland. 1-story 5-room dwelling.
Owner—C. D. Wilson, 2215 Mitchell St., Oakland.
Architect—None. $3000

DWELLING
(3100) 445 FORTY-NINTH ST., Oakland. 1-story 6-room dwelling.
Owner—W. H. Whelan, 439 49th St., Oakland.
Architect—None.
Contractor—L. Rosecrans, 859 37th St. Oakland. $3500

DWELLING
(3101) 3335 MAINE ST., Oakland. 1-story 5-room dwelling.
Owner—R. E. Fellows, 949 Natoma St. San Francisco.
Architect—None.
Contractor—C. A. Birch, 300 13th St., Oakland. $2750

DWELLING
(3102) 2569 SIXTY-SECOND AVE., Oakland. 1-story 4-room dwelling.
Owner—E. R. Blabon, 2482 63rd Ave., Oakland.
Architect—None. $2500

FLOOR
(3103) NE COR. FOURTEENTH AND Clay Sts., Oakland. Magnesite floor.
Owner—H. C. Capwell Co., premises.
Architect—None.
Contractor — Hoff Magnesite Co., Ft. 22nd Ave., Oakland. $7500

DWELLING
(3104) MOUNTAIN VIEW AVE. 1000 N Calaveras, Oakland. 1-story 3-room dwelling.
Owner—Ralph Churchill.
Architect—None. $1500

DWELLING
(3102) 3802 WHITTLE AVE., Oakland 1-story 4-room dwelling.
Owner—Geo. A. Bigelow, 1981 Park St., Alameda.
Architect—None. $2500

DWELLING
(3106) 842 ROSEMOUNT RD., Oakland. 2-story 7-room dwelling.
Owner—M. Barnett, 854 Lakeshore Ave Oakland.
Architect—None.
Contractor—A. C. Wieben, 839 Rosemount Rd., Oakland. $7500

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

June 28, 1923—LOT 21 BLK 26, Map Melrose Heights, Oakland. Anton Larson to J O Weston..June 26, '23
June 28, 1923—SW FOURTH AND Alice W 75xS 100, Oakland. C L Greeno Co to W K Owen.June 26, '23
June 28, 1923—SW LOS ANGELES ST. and Stanford Ave., Oakland. H H Easter to whom it may concern... .....June 28, 1923
June 27, 1923—PTN LOT 43, all Lot 44, Map Redwood Park, Brooklyn Tp. Mrs. E J Anderson to Feakins & Dennis.....June 18, 1923
June 27, 1923—SW SEVENTEENTH and Clay W 100xS 50, Oakland. P G & E Co to R W Littlefield..... .....June 20, 1923
June 29, 1923—NO. 4221 HOPKINS St., Oakland. Andrew Fleming to whom it may concern..June 19, 1923
June 29, 1923—E TELEGRAPH AVE 150 N Forty-ninth N 40xE 183, Oakland. F E Blanchard to J J Hauri and Nick Wierk..June 29, 1923
June 29, 1923—E 35 LOT 48 BLK 1426 Map Berkeley Property Maps No. 1 and 2 Blake Tract, Berkeley. Jas. W Brazier to whom it may concern .....June 28, 1923
June 28, 1923—NO. 3808 DIVISION St., Oakland. John Smith to Alder & Clark.....June 28, 1923
June 30, 1923—LOTS 11 AND 12 BLK 4, Map Mathews Tract, Berkeley. Peter J Castro to whom it may concern.....June —, 1923
June 30, 1923—LOT 15 BLK 17, Map Blocks 17, 18, and 19, Thousand Oaks, Berkeley. Richard Perrott to whom it may concern.June 25, '23
June 30, 1923—N ALCATRAZ AVE 300 E Adeline, Berkeley. E S Popoff to East Bay Masonic Bldg Ass'n.....June 28, 1923
June 29, 1923—LOTS 3 AND 4 BLK 7 Regents Park Tract No. 4, Alhany. Frances Byers to Bigley & Walsh .....June 28, 1923
July 2, 1923—LOT 13 BLK "H" Map Excelsior Heights, Oakland. L L Kistner to Shaw & Watson..... .....June 1, 1923
July 2, 1923—NE MONTE VISTA AV and Bayo Vista Ave, Alameda. Clarence J Nobmann to Alex C Wieben .....June 26, 1923
July 2, 1923—LOT 20 BLK 3, Northbrae, Berkeley. Walter C and Ella D Steers to Hans A Hanson..... .....June 28, 1923
July 2, 1923—S TWELFTH 100 W Clay W 76xS 100, Oakland. G Mounicot to G A Scott..June 25, 1923
July 2, 1923—NO. 2514-16 SAN JOSE Ave, Alameda. Ethella C Hosford to whom it may concern.June 22, '23
July 2, 1923—NW EIGHTH AVE 78 NE —— E 23rd St. NE 38xNW 100 Oakland. Karl M Leu by W A Walker to W A Walker..June 30, '23
July 3, 1923—NO. 1325 BONITA AV, Berkeley. Hulda L Mason to Gustaf Johanson.....July 3, 1923
July 3, 1923—PTN LOTS 18 AND 19 Blk 16 Map Northbrae, Berkeley. Florence E and Albert H Morgan Jr to C M Norgrove....June 29, 1923
July 3, 1923—LOT 53 AND SE 12½ Lot 54 Map Fruitvale Villa Tract, Oakland. N B Clarke to H V Clarke.....July 2, 1923
July 3, 1923—N GEARY 69 E West E 31xN 100, Oakland. Christian S Nielsen to Ben Frankfort..... .....July 2, 1923
July 3, 1923—LOT 1 BLK 1, Map Live Oak Park, Berkeley. Ethel Hudson Williams to Charles A Doyle .....June 30, 1923
July 3, 1923—SW RIDGEWAY AVE 75 NW Howe SW 60xNW 25, Oakland. Caroline L. Heacock to A J Yerrick.....June 23, 1923
July 3, 1923—LOT 5 BLK 122, Map Tract "B" Berkeley L. T. I. Ass'n., Berkeley. Rosaria Ragusa to F Tomasello .....June 18, 1923
July 3, 1923—LOT 1 Wicks Add'n. to Town of San Leandro, San Leandro Carrie and George Pyles to Andrew Roberts .....July 3, 1923

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

July 2, 1923—NO. 2307 HARRINGTON Ave., Oakland. I E Close to A E Orton .....July 2, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

June 28, 1923—BDED BY SEVENTH, Eighth, Market and West, Oakland. I Orack vs May Ruth, James Myron Merritt, Benjamin Heskins, John C Graham and Helen A Doyle.....$465
June 29, 1923—LOT 9 BLK 19, Map Havenscourt, Oakland. Henry Cowell Lime & Cement Co vs J R Bowish and John Doe Rae.....$23.60
June 29, 1923—LOT 19 AND S 15 LOT 18 Blk 1, Broadway Terrace, Oakland. Pacific Mfg Co. $843.39; H Aronsen, $380 vs W A Knowles, Oakland, S F Improvement Co, D H and Henrietta Munroe .....
June 29, 1923—LOT 29 BLK 4 Map South Lakeshore Glenn, Oakland. Rsodes-Jamieson So vs R A Brady and Ernest Held $243
June 29, 1923—LOT 19 AND S 15 LOT 18 Blk 1, Broadway Terrace, Oakland. D C Stanford vs David H Monroe $200
June 29, 1923—LOT 19 AND S 15 LOT 18 Blk 1, Broadway Terrace, Oakland. Rhodes-Jamieson & Co vs J H Stevenson, David H and Henrietta Munroe $465.35
June 29, 1923—N SIXTEENTH 39 E West E 40 N 103-9 W 35 S 28-9 W 5 S 75, Oakland. Nelson Lumber Co vs Helen E Munro and R C Traylor $240.36
June 29, 1923—LOT 19 AND S 15 LOT 18 Blk 1, Broadway Terrace, Oakland. E K Wood Lumber Co vs David H and Henrietta Monroe Oakland and S. F. Improvement Co., J C Downey, W A Knowles and J W Stout $1631.31
June 30, 1923—LOT 19 AND S 15 Lot 18 Blk 1 Map Broadway Terrace, Oakland. F A Anderson and F A Anderson Jr. $582; Scheeline Mfg. Co., $317.66 vs D H and Henrietta Monroe .....
June 30, 1923—LOT 19 and S 15 Lot 18 Blk 1 Map Broadway Terrace, Oakland. City Cornice Co vs Oakland and S F Improvement Co and David and Henrietta Munroe..$91.90
July 2, 1923—S SYCAMORE 38 W Telegraph Ave W 40xS 90, Oakland. Fred J Jackson vs Mrs. Nan Keating and J O Larrabee.....$88.70
July 3, 1923—NE DAMUTH 250 SE Lincoln Ave SE 40xNE 100, Oakland. Swift & Co vs W B and Rose E Wilson.....$507.11
July 3, 1923—LOT 19 BLK "B" Map Central Terrace, Oakland. Swift & Co vs Zelie G Graves and W B Wilson $506.13

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

July 3, 1923—SW SAN PABLO AVE and Snyder Ave W 590xS 291.98, Berkeley. Hoxie & Meech to Holloway & Taunton et al.....$335.75
July 2, 1923—N THIRTY-SECOND 237.4 W Telegraph Ave W 50 N 124.66 E 50.23 S 119.84, Oakland. Hall Plumbing Co to May Virginia Rankins $570

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 1-story 4-room, $3500; 834 36th St., Sacramento; owner, S. Sandoval, 1111½ G, Sacto.; contractor, J. A. Saundes, 2810 I, Sacramento.
DWELLING, 1-story 5-room and garage, $5800; 1364 42nd, Sacramento; owner, H. M. Grandstaff, 1605 O, Sacramento.
DWELLING, 1-story 5-room, $3800; 5016 9th Ave., Sacramento; owner, L. R. Hess, 2313 28th, Sacramento; contractor, R. M. Smith, 2633 30th Sacramento.

DWELLING, 1-story 5-room, and garage, $4850; 2324 24th Sacramento; owner, W. B. Ladue, 2219 O, Sacramento.
DWELLING, 1-story 5-room, and garage, $3500; 5017 V lot 2927 Elmhurst, Sacramento; owner, H. H. Clark, Auburn.
DWELLING, one-story 5-room frame, $1900; No. 1517 X St., Sacramento; owner, M. D. Azevedo, 1519 X St., Sacramento.
DWELLING, one-story 6-room frame and garage, $4400; No. 2986 Franklin Blvd., Sacramento; owner, H. Kimbrough; contractor, Davies & Rugg, 4848 P St., Sacramento.
DWELLING, one-story 5-room and garage, $2700; No. 3541 Folsom Blvd. Sacramento; owner, J. J. Jennings; contractor, H. G. Birdsall, 1503 13th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY.

Recorded Amount
June 28, 1923—LOT 1219 W & K TCT 25, Sacramento. William C. Keating to whom it may concern..... .....June 27, 1923
June 27, 1923—LOT 1567 W & K TCT Sacramento. E. P. Huston to whom it may concern.....

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

ALTERATIONS
LOTS 4 AND 5 BLK 84, Fresno. All work for alterations to building.
Owner—Leon Kevorkian, 515 Van Ness Ave., Fresno.
Architect—None.
Contractor—J. T. Cowan and A. C. Mitchell, 540 Woodrow Av., Fresno
Filed ——. Dated ——.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $5995
Bond, none. Limit, 30 working days after July 1. Forfeit, $20 per day. Plans and specifications, none.

STATIONS
N 25 FT. LOT 15, Grand Ave Park, and Lot 18 K. B. Heights, Fresno. All work for two pumping stations.
Owner—Fresno City Water Co., H and Tulare Sts., Fresno.
Architect—None.
Contractor—E. H. Mellencamp.
Filed June 30, '23. Dated June 28, '23.
TOTAL COST, $1306
Bond, $1306. Surety, Fidelity & Guaranty Co. Limit, 40 working days. Forfeit, none. Plans and specifications filed.

STORE BLDG.
INYO AND VAN NESS AVE., Fresno. Plastering and lathing two-story and basement store building.
Owner—Black Package Co., 1025 Van Ness Ave., Fresno.
Architect—R. F. Felchin Co., Bank of Italy Bldg., Fresno.
Contractor — A. Knowles, Call Bldg., San Franciscoc.
Filed July 2, '23. Dated June 28, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $16,463
Bond, $16,463. Surety, Fidelity & Deposit Co. of Maryland. Limit, 40 working days. Forfeit, $25 per day. Plans and specifications filed.

ALTERATIONS and additions, $5995; No. 1147 Van Ness Ave., Fresno; owner, W. M. Shaw. Premises; contractor, Cowan & Mitchell, 640 Woodrow Ave., Fresno.
DWELLING and garage, $4950; No. 3815 Nevada Ave., Fresno; owner, Woo Dan; contractor, J. S. Bristol, 137 Valeria St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
June 29, 1923—LOTS 43 AND 44 BLK 1, High Addition No. 4, Fresno. L A Jackson to whom it may concern .....June 27, 1923
June 29, 1923—LOTS 41 AND 42 BLK 7, Torrance Terrace, Fresno. H E Guynn to whom it may concern... .....June 27, 1923
July 2, 1923—LOTS 6, 7, 8, BLK 54 East Fresno. E. B. Milnor to whom it may concern.....July 2, 1923
June 30, 1923—LOT 7 N ½ OF LOT S Blk 1 Copeland Addition, Fresno E. C. Walker to whom it may concern .....June 30, 1923
June 29, 1923—LOTS 32, 33 STIVERS Tract No. 3. M. A. Stivers to whom it may concern .....June 29, 1923
June 29, 1923—LOTS 31, 32, 43, 44 Blk 2, High Add No. 4. J. A. Schlotthauer to whom it may concern.. .....June 29, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
June 28, 1923—LOTS 15, 16, BLK 7 North Park Terrace, Fresno. Crans Plbg. & heating Co. vs. Hansen Bros. $566
June 30, 1923—W ½ LOTS 10 TO 14 BLK 48, Wristen Addition, Kingsburg. Valley Lumber Co vs R R Reinhold $352
June 30, 1923—W ½ LOTS 10 TO 14 Blk 14, Wristen Add'n., Kingsburg. Valley Lumber Co vs R R Reinhold $334
June 30, 1923—LOT 92, Scandinavian Col. California Pottery Co vs S J Brum $23
June 30, 1923—LOTS 1 TO 5 BLK 347, Fresno. California Pottery Co vs E M Murrill $182
June 30, 1923—PTN LOT 2, Sierra Vista Tract, Fresno. Madary Planing Mill Co, $454; Valley Lumber Co $1043 vs Geo W Upton.....
June 30, 1923—BLK 25, Hazelwood. Routt Lumber Co vs Peter A Wolff $834
July 2, 1923—LOTS 1 TO 5 BLK 347, Fresno. C S Piedce Lumber Co vs E M Murrill $782
July 2, 1923—LOT 85 SEC. 30, 13-18, Fresno. C S Piedec Lumber Co vs Fred Wagner et ux.....$810

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,000 and Over Reported

ALTERATIONS
SUNNYVALE. All work for alterations and additions to grammar school building.
Owner—Board of Trustees Sunnyvale Grammar School District, Sunnyvale.
Architect—Ernest L. Norberg, Balboa Bldg., San Francisco.
Contractor—John E. Branagh, 184 Perry St., Oakland.
Filed June 26, '23. Dated June 20, '23.
Old roof off and frame up for addition $3750
New roof on & plaster complete 3750
Completed and accepted..... 3750
Usual 35 days..... 3750
TOTAL COST, $15,000
Bond, $7500. Sureties, John Dudfield and Joseph A. Jury. Limit, 90 working days from June 20, 1923. Forfeit, none. Plans and specifications filed.

SCHOOL
ON THE ALAMEDA, between Lenzen and Pershing Aves, San Jose. All work for grammar school bldg.
Owner—Hester School Dist., San Jose.
Architect — Wyckoff, Growers Bank Bldg., San Jose.
Contractor—J. B. Balcomb, Palo Alto.
Filed June 25, '23. Dated June 13, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $22,501
Bonds, $11,25050 and 5625.25. Limit, 60 working days from June 13, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
E THIRD ST., bet. Jackson and Taylor Sts., San Jose. All work for one-story frame dwelling.
Owner—Joseph Malvase, 97 W-Humboldt St., San Jose.
Architect—None.
Contractor—William H. O'Neil, 500 N-Fifteenth St., San Jose.
Filed June 26, '23. Dated June 26, '23.
Roof shingled $812.50
1st coat plaster on..... 812.50
Completed 812.50
Usual 35 days..... 812.50
TOTAL COST, $3250.00
Bond, limit, forfeit, none. Plans and specifications filed.

BUNGALOW
COM. 200 SE from Hawthorne Ave., being Ptn Lot 1 Blk 32, Palo Alto. All work for five-room stucco bungalow.
Owner—Charles F. Wright, 1037 High St., Palo Alto.
Architect—None.
Contractor—W. M. Bernard, — Pettis St., Mt. View.
Filed June 28, '23. Dated June 26, '23.
Up and enclosed.....$1062.50
Plaster and stucco completed 1062.50
Building completed 1062.50
Usual 35 days..... 1062.50
TOTAL COST, $4250.00
Bond, $2125 Sureties, Alfred Bernard and E. J. Patterson. Limit, on or before Sept. 20, 1923. Forfeit, plans and specifications none.

BUNGALOW
FULTON ST., bet. Lincoln and Kingsley Aves., Palo Alto. All work and material for 4-room bungalow and garage.
Owner—C. B. Smith, Palo Alto.
Architect—None.
Contractor—W. S. Couter & Co., Palo Alto.
Filed June 27 '23. Dated May 31, '23.
Under roof $1315
Brown coat plaster on..... 1315
Completed 1315
Usual 35 days..... 1315
TOTAL COST, $5260
Bond, none. Limit, 90 working days from June 27, '23. Forfeit, none. Plans and specifications filed.

COTTAGE, ETC.
NW PERSHING AND HOOVER AVES., San Jose. All work for one-story cottage and garage, frame with plastered exterior.
Owner—W. H. Gray, 33 Schiele Ave., San Jose.
Architect—Wolfe & Higgins, Auzerals Bldg., San Jose.
Contractor—B. J. Smith, 33 Schiele Ave. San Jose.
Filed June 27, '23. Dated June 26, '23.
Frame up and rafters on.....$1468.25
1st coat plaster on inside & out 1462.25
Completed and accepted..... 1468.25
Usual 35 days..... 1468.25
TOTAL COST, $5873.00
Bond, $2936.50. Sureties, Chas. A. Payne and Chas. A. Merritt. Limit, 110 working days from June 26, 1923. Forfeit, none. Plans and specifications filed.

BUNGALOW
COM. 100 SE from Hawthorne Ave., meing Ptn Lot 1 Blk 32, Palo Alto. All work for five-room stucco bungalow.
Owner—Charles F. Wright, 1037 High St., Palo Alto.
Architect—None.
Contractor—W. M. Bernard, — Pettis St., Mt. View.
Filed June 28, '23. Dated June 26, '23.
Up and enclosed $1062.50
Plaster and stucco completed 1062.50
Building completed 1062.50
Usual 35 days..... 1062.50
TOTAL COST, $4250.00
Bond, $2125. Sureties, Alfred Bernard and E. J. Patterson. Limit, on or before Sept. 30, 1923. Forfeit, plans and specifications, none.

DWELLING
PTN LOT 1 BLK 66, University Park, Palo Alto. All work except painting for one-story frame dwelling.
Owner—Cachot Davis, Palo Alto.
Architect—John K. Branner, 251 Kearny St., San Francisco.
Contractor—W. E. Hansen, Sunnyvale.
Filed June 27, '23. Dated June 12, '23.
Frame up and rafters on.....$2150
Rough plastered and roof water tight ..... 215$
Completed 2150
Usual 35 days..... 2150
TOTAL COST, $8600
Bond, $4300. Sureties, Nels Hansen & Mrs. C. Fiehmann. Limit, 95 working days from June 27, '1923. Forfeit, none Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
June 25, 1923—LOT 50 Dunne Sub, San Jose. Americo Bonetti to whom it may concern .....June 25, 1923
June 25, 1923—LOT 34 and Ptn Lot 33 Blk 88, Resub of Blks 88, University Park. Nellie E Plante to Da Mant & Brickey....June 22, 1923
June 26, 1923—PTN LOT 20, Alameda Villa Tract, San Jose. Daisy R and S C Zibe to whom it may concern... .....June 25, 1923
June 26, 1923—LOT 12 BLK 41, Naglee Park Tract, San Jose. John R Kocher and Louis Oncal to whom it may concern.....June 22, 1923
June 26, 1923—PTN LOT 1 BLK 28, University Grounds. Ralph J Sharp to whom it may concern.June 25, '23
June 27, 1923—LOT "D" BLK 7, Palm Haven. Clyde Alexander to whom it may concern.....June 25, 1923
June 27, 1923—PTN LOTS 8 AND 9 Blk 4 Driscoll Add'n No. 2, San Jose. Frank F Ferreira to whom it may concern.....June 27, 1923
June 27, 1923—LOT 29 Hyde Residence Park, San Jose. Fred S and Stella S Clark to E E Arnott.... .....June 22, 1923
June 27, 1923—LOT 16 BLK 43, Lyon and Hoag Sub, Burlingame. William J Kenney to M Sorensen..... .....June 19, 1923
June 27, 1923—LOT 14 BLK 6, Burlingame Villa Park, Burlingame. Ingwood Sorensen to whom it may concern.....June 23, 1923
June 27, 1923—LOT 14 BLK 9, Burlingame Terrace, Burlingame. Chas L Bell to whom it may concern... .....June 5, 1923
June 28, 1923—HIGH SCHOOL DISTRICT, Burlingame. San Mateo Union High School District to Gladding, McBean & Co; Rucker-Fuller Desk Co.; Wisnom Bomier Hardware Co.; Ajax Roofing Co and D N & E Walter & Co.....June 12, 1923
June 28, 1923—LOT 18 BLK 124, South San Francisco. Annie M Cunningham to R C Sticker....June 25, 1923
June 28, 1923—LOT 11 BLK 11 Western Addition, San Mateo. Mary E Maloney et al to Mitchel-Jackson & Co.....June 18, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
June 25, 1923—LOTS 8 TO 11, Adams Tract, San Jose. Southern Lumber Co vs F W Aust.....$645.71
June 25, 1923—LOTS 8, 9, 10 AND 11, Adams Tract, San Jose. Henry Cowell Lime & Cement Co vs F W Aust $207.90
June 25, 1923—LOTS 15 AND 18 BLK 7 R 6 S Snow & Pettis Addition, San Jose. Malott & Peterson vs George M Bobst.....$141.75
June 26, 1923—LOT 12 BLK 4, Seale Sub No. 5, San Jose. Sterling Lumber Co vs Thomas Warrior....$28.38

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
June 28, 1923—LOT 2 BLK 6, Hawkhurst Sub, San Jose. Dudfield Lumber Co to E Delyon.....$400

BUILDING CONTRACTS

SAN MATEO COUNTY

COTTAGE
N MARKET 75 W Mission Road, San Mateo. All work for one-story frame cottage.
Owner—Angelo Olcese, 122 Clark St., San Francisco.
Architect — Paul F DeMartini, 946 Broadway, San Francisco.
Contractor—Carl T. Wengard, 1286 34th Ave., San Francisco.
Filed July 2, '23. Dated June 29, '23.
Frame up $1550
Brown coated 1550
Completed 1550
Usual 35 days..... 1583
TOTAL COST, $6233
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
LOT 13 BLK 'E" Hayward Park, San Mateo. All work for residence and garage.
Owner—Frank & Christina Johnson.
Architect—None
Contractor—Hammer & Hultberg.
Filed June 27, '23. Dated June 25, '23.
Frame up $1775
Brown coated 1775
Completed 1775
Usual 35 days..... 1775
TOTAL COST, $7100
Bondfi none. Limit, 90 working days. Forfeit, plans and specifications, none.

CONCRETE BLDG.
N BURLINGAME AVE 374 W Main St., Burlingame. All work for one concrete building.
Owner—Mrs. M. J. Hitchcock, Burlingame.
Architect—None.
Contractor — Theo. J. Broderick, 1528 Cypress Ave., Burlingame.
Filed June 28, '23. Dated June 26, '23.
Forms and steel placed.....$5000
Concrete poured 5000
Roof on 5000
Plastered 5000
Completed 5000
Usual 35 days..... 5000
TOTAL COST, $30,000
Bond, none. Limit, 3 ——. Forfeit, none. Plans and specifications filed.

ALTERATIONS, $15,000; Sta. Clara and River, San Jose; owner, J. R. Phelps, 245 Alameda, San Jose.
ORPHANAGE, 2-story frame & stucco; $125,000; Martha near 11th, San Jose; owner, House of Benevolence architect, Clarence Tantau, 251 Kearny St., S. F.; contractor, J. C. Thorp, Auzerais Bldg., San Jose.
ADDITION, $1200; 1199 S Ninth, San Jose; owner, Giovanin Rossi; contractor, M. LaBounty.
COTTAGE, 5-room, $3500; N 13th near Empire, San Jose; owner, Mauritz Berggren, 212 Pomona, San Jose.
COTTAGE, 5-room, $3250; 3rd near Taylor, San Jose; owner, Jos. Malvase, 97 W Humboldt, San Jose; architect, Wm. H. O'Neal, 500 N 15th St., San Jose.
ALTERATION, $3400; 11 S Second, San Jose; owner, Jos. H. Rucker Apts.; architect, H. Krause, Bird & Palm San Jose; contractor, S. DeCola, 511 E Empire San Jose.

COMPLETION NOTICES

SAN MATEO COUNTY.

Recorded Accepted
March 30, 1923—LOT 15, BLK. P, Mission St. Land Co.; owner, Robt. Neil, to whom it may concern... .....June 29, 1923
June 30, 1923—LOT 10, BLK. 6, EASTON No. 1; owner, B. Norberg and G. R. Gadd to whom it may concern .....June 27, 1923
July 3, 1923—LOT 19 BLK 14, Easton, Burlingame. George and Carmen A Moore to J E Bale....July 2, 1923
July 3, 1923—LOT 9 BLK 7, Sub A Wellsley Park, Redwood. Alice R and Robert Leisbman to H J Leblanc & Co.....June 30, 1923
July 2, 1923—LOT 1 BLK 5, Burlingame Land Co, Burlingame. August and Julie C Belfrage to Burlingame Bldg Co, inc.....June 29, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
June 28, 1923—W ½ LOT 6 BLK 125, Sonth San Francisco. Knight Roofing Co vs Silvio Nien and M E Green $110
June 27, 1923—W ½ LOT 6 BLK 125, South San Francisco. Gunne Carle & Co vs S Nieri et al.....$363.94

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
June 27, 1923—PTN LOT 47, Burlingame Heights, Burlingame. Q Seribante to George D Huston and H Livitt $77.60

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, 1-story frame; $2000; W. Key, bet. McBryde and Glenn, Richmond; owner, J. Corazza, Box 232, R. F. D.
DWELLING, 1-story frame; $2500; W. 23rd, bet. Coalingo and Visalia, Richmond; owner, R. T. Conley, 23rd and Macdonald; contractor, The Miner Co., 23rd and Macdonald, Richmond.
WAREHOUSE, 1-story frame; $3467; W. 20th, bet. Chanslor and Ohlo, Richmond; owner, Rich. Roofing Co., 20th and Chanslor; contractor, P. M. Sanford, Box 1061, Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
560 MISSION STREET SAN FRANCISCO, CAL.

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street **Phone Sutter 4400**

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., JULY 14, 1923

Published Every Saturday
Twenty-third Year No. 28

Schumacher

Office
210 American National Bank Building

Permanence
Economy

Wall

Warehouses
San Francisco Oakland

Appearance
Comfort

Board

For Sale by all Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

KOEHRING K HEAVY DUTY

Remixes Concrete

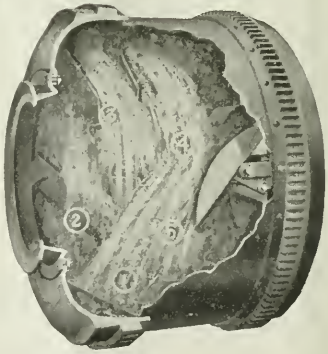
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., JULY 14, 1923 — Twenty-third Year No. 28

No. 818 Mission Street,
San Francisco, Calif.
Telephones Douglas 2371 and 2372

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

BIDS REQUESTED FOR MEXICAN RAILROAD PROJECT

Bids will be received on July 31 by the Director of National Railways of Mexico, in Lower California, at the Government Palace Building, Mexicali, for the construction of the first section of roadbed for the line to the Gulf of California. This section is 56 kilometers, or approximately 34.72 miles in length and will connect Pascualitos and El Cerro del Mayor.

The principal quantities involved in the project are approximately as follows: 40 Hectares clearing and grubbing; 37,044 cubic meters earth excavation; 45,510 cubic meters loose rock excavation; 33,333 cubic meters solid rock excavation; 21,981 cubic meters volcanic rock excavation; 404,540 cubic meters embankment (formation of bank and free haul); 181,458 cubic meters earth borrow (10-feet berm); 59,460 cubic meters loose rock borrow (10-feet berm); 1,091 cubic meters solid rock borrow; 391,480 cubic meters overhaul, one station of 20 meters. The limit of free haul is 250 meters from center to center of masses.

Bids shall be figures in Mexican or United States currency and computations based on the two-day pay system.

Plans for the project are obtainable from the Railway Offices, Capitol Bldg. at Mexicali.

SURVEY OF ALTERNATE LINCOLN HIGHWAY ROUTE PLANNED

Headed by Captain L. M. Cox, U. S. N., retired, a committee of three engineers, consisting of Cox, Robt. B. McPherson, Solano County Assemblyman and T. D. Kilkenny, Vallejo City Engineer, have started to make independent surveys of the Lincoln Highway from Sacramento to Oakland; the Victory Highway from Sacramento to Oakland and the Vallejo-Shortway route from Sacramento to Oakland.

The object of the survey and of the report, which the committee will render, is to show the Lincoln Highway Association the necessity for making the Vallejo route an alternative Lincoln.

Judge Ray Standish of Crockett, who is chairman of the San Pablo Bay Development Association's committee on highways, will call a meeting as soon as the engineers have completed their survey and report.

From Richmond to Davis the interest in the movement to place these cities on the Lincoln Highway may is reported to be receiving enthusiastic support, and it is anticipated that the next meeting to be called will have representation from all of these towns and cities.

LUMBER INDUSTRY SHOWS RECESSIONS

Seasonal recessions in the lumber industry are indicated in statistical reports from the largest commercial mills made public July 7 by the National Lumber Manufacturers' Association. Although production and shipment of lumber still is ahead of the 1922 volume on June 30, producers of southern pine had unfilled orders for 256,518,000 feet, as compared with 268,119,000 the previous week. West Coast mills on the same date had unfilled orders for sea shipment amounting to 211,118,000 feet and for 5745 cars for rail shipment. The previous week the unfilled orders for ship cargo amounted to 232,505,000 feet, wih 6895 cars for rail shipments.

DEATH CALLS H. H. WADSWORTH, S. F. ENGINEER

Henry H. Wadsworth, San Francisco consulting engineer and major in the Engineer Corps of the Army during the World War, died at St. Luke's Hospital, San Francisco, Saturday, July 7th, following a brief illness

Wadsworth was, for a time, connected with the California Debris Commission and made several reports on flood control, river improvements and the San Francisco water supply. Recently he was appointed chairman of a committee to report to the Oakland Chamber of Commerce on the water resources of the East Bay Water Company.

During the war, Wadsworth served both in San Francisco and at Fort Logan, Colo. He was a member of the Engineers' Club, the American Legion and vice-president of the San Francisco section of the American Society of Civil Engineers. He was born in New Haven, Conn., and was a graduate of Yale University.

He leaves two sons, Ralph G. Wadsworth of this city, and Harold A. Wadsworth of Davis.

P. G. & E. PLANS NEW STEAM PLANT

In order to take care of the increased demand for steam heat service in San Francisco, which is increasing at the rate of about 10 per cent per annum, due to the growth here, particularly on account of new office buildings and apartment houses which are repidly being constructed, the Pacific Gas & Electric Company is preparing to expend in excess of one-quarter of a million dollars in the building of a new steam plant.

The new building will be erected on Stevenson street between 5th and 6th streets occupying a space of 70x100 feet. The structure will be a steel frame building with reinforced concrete. It will be equipped with 1575 horsepower steam boilers.

In connection with the boiler plant building, there will be a suitable shop provided together with locker rooms, etc., for the comfort and convenience of the employees.

Removal Notice

The business offices and plant of Building and Engineering News have been moved to new and larger quarters in the Bass-Heuter Building, 818 Mission Street, San Francisco.

Due to the removal of the mechanical departments the latter part of the week, construction activities in Central and Northern California are reported in this issue as complete as conditions would permit.

With the July 21st issue, Building and Engineering News will continue to furnish the latest developments in the construction field as heretofore.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Building operations in 37 cities of the Pacific Southwest, including Los Angeles, for the month of June, showed a slight recession compared with May but a very large gain in comparison with June, 1922. The total for June, 1923, was $27,190,326, and for June 1922, $16,852,790. For May, 1923, 37 cities reported a total of $28,990,707. Long Beach made a remarkable showing for June, rolling up a total of $3,422,324 as compared with $1,123,040 the same month a year ago. Only six cities reported a loss compared with June, 1922. Thirty-six cities outside Los Angeles reported a total of $12,115,880 for June 1923, and for the same month a year ago a total of $6,200,525.

The U. S. Veterans' Bureau announces it is receiving the co-operation of the West Coast Lumbermen's Association in its vocational training program. Members of association have arranged to assist in every possible way in restoring injured war veterans to a self-supporting basis, giving them an opportunity approximately equal to that which they enjoyed prior to becoming injured in their country's service. Co-operation of this association covers the states of Washington, Oregon and Idaho.

A committee to study seasonal activities in the building industry, with a view to recommending methods of eliminating irregularity of employment and lowering costs, has been appointed by Secretary Hoover. Employers, labor leaders and engineers have been named on the committee. Members of the committee include L. F. Eppich, president of the National Association of Real Estate Boards, Denver, Col., and James P. Noonan, president of the Brotherhood of Electrical Workers.

Prevention of periodic overloading in the building industry in the future through the issuing of such reliable data from time to time as will enable construction to regulate itself to actual conditions, is the suggestion coming to the National Association of Real Estate Boards from promised co-operation of the United States Department of Commerce with the American Construction Council.

San Francisco's municipal street railway system added more than $100,000 to the gross earnings of the system over last year. The earnings for the fiscal year 1921-2 totaled $2,902,552.35. During the fiscal year just ended the receipts were $3,013,552. This is the largest year in the history of the roads. The biggest month was last March, when the receipts totaled $264,-801.

The Los Angeles Chamber of Commerce in a letter to the Fresno Chamber seeks the co-operation of the latter body in a campaign to stop deforestation of timber tracts. The letter asserts that one-sixth of the timber area of Southern California is nearly denuded, and the southern organization is desirous of averting an impending calamity.

Santa Rosa building permits for June totaled $160,150 as compared with $159,188 for April, the largest for the year. Operations for the past six months total $679,497.

Several constructive measures of importance to the owners and managers of business properties throughout the United States were taken at the sixteenth annual convention of the National Association of Building Owners and Managers held in Atlantic City, June 18 to 23. Among the most important were: Announcement of the new building planning service recently inaugurated by the association by which office buildings in the future may be so constructed so that the maximum rentable space is obtained and efficient management and operations are possible; limitation of the height of fireproof office buildings in the business district by ordinance was attacked by the building owners and managers.

California leads all other states in the production of hydro-electricity, according to statistics compiled by Blythe, Witter & Co. of San Francisco. Although producing only 9.919 per cent of the electricity of the United States last year, California produced 21.95 per cent of the total of all hydro-electricity. New York was second with a total of 17.15 per cent. A total of 17,206,465,000 kilowatt hours of hydro-electricity were produced in the United States in 1922, as against 14,970,405,000 in 1921, while the total of electricity, including that generated from steam and water power aggregated 47,659,004,000 kilowatt hours, as against 40,975,617,000 in 1921.

Sales of Swedish lumber for delivery abroad this year during the first five months reached nearly 500,000 standards, England and France continue to be the best buyers, while orders are coming from Spain, Belgium and Scotland.

A total of 4550 new firms were incorporated in California during the fiscal year ending June 30, according to an announcement of E. H. Gardiner, head of the corporation license department of the secretary of state's office. During the last six months 2546 companies took out incorporation articles and 911 old firms were revived.

Establishment of a municipal camping ground for San Franciscans at Mather on the Hetch Hetchy project has been suggested to City Engineer M. M. O'Shaughnessy by Mayor James Rolph Jr. The plan is under consideration and will be the subject of a report from the city engineer at an early date.

Building in Fresno for the past six months totals $3,005,780, which amount is slightly below the figures for the same period in 1922, when operations totaled $3,572,979. June operations totaled $192,615 as compared with $399,130 for June 1922. Alterations and repairs for the past month totaled $40,-853.

Los Angeles has been selected as the 1924 convention city by the Common Brick Manufacturers' Association of America. The convention will be held the week of February 10.

Union plasterers of St. Louis, Mo., announce they have won their fight for $14 for the eight hour day. This is said to be the highest wage paid these craftsmen in the United States.

ALONG THE LINE

Leroy W. Cummings, a member of the engineering staff of the State Highway Commission and former army captain, dropped dead July 5 near Wilbur Springs, Colusa County, while making an inspection of the proposed Lower Lake-Rumsey highway between Yolo and Lake counties. Death is believed to have been due to heart trouble. He was a members of the American Society of Civil Engineers and of the Masonic Lodge in Los Angeles.

The Calaveras Lumber Company of Fresno, capitalized at $250,000, has filed articles of incorporation in that city. The stock is divided into 2500 shares of the par value of $100 per share. A. L. Hilderbrand, W. C. Shrewsbury, Eva Hildebrand, Ruth G. Shrewsbury, S. E. Tracy, L. T. Stephenson and Clara M. Collins, all of Fresno, constitute the board of directors and subscribers. Each has subscribed one share.

J. M. Frailey has been appointed manager of the Ward Lumber Company at Oakdale, succeeding R. P. Davidson of Hughson. Frailey has purchased an interest in the business which will hereafter be known as the Kewin Lumber Company. J. M. Watson Jr. will remain with the company.

Attorney General L. L. Thampson of Washington has advised State Auditor C. W. Clausen that building and loan associations may invest in irrigation district bonds, providing approval is obtained of the state auditor.

E. M. Breed has been promoted to manager of sales for the Pelton Water Wheel Co., with headquarters in San Francisco. Breed has been with the company for fifteen years, and has a wide experience in hydroelectric work.

During the past sixty days the Washington State Highway Department has awarded contracts to the amount of $2,664,000 for new highway construction, bringing the total value of state roads up to $3,500,000.

Dan R. Wagner, general contractor of San Francisco with offices in the Call Bldg., announces the opening of a branch office at 925 Consolidated Realty Bldg., Los Angeles.

The California Forest Products Co. will begin business about Aug. 1, at 819 E. 59th St., Los Angeles, according to commercial reports.

Captain A. Monro Barton has been appointed executive engineer of the California State Reclamation Board.

W. D. Clarke has been re-appointed city engineer and superintendent of streets of Bakersfield.

The Arrowhead Portland Cement Co. is building a plant at Devore in Cajon Pass above San Bernardino.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

AN ORGANIZATION SOLELY SUBCONTRACTOR

Nashville, Tennessee, has an organization which is perhaps unique for the reason that it is composed entirely of subcontractors. It is the Nashville Contractors' Association and was first organized in the Autumn of 1919. According to Charles W. Akers, secretary, the association is successful in accomplishing that which it set out to accomplish.

It seems that in 1919 a small group of subcontractors met one evening and decided that an association to which material men and general contractors were not eligible would be a good thing so far as the problems and the interests of subcontractors were concerned.

Though strongly believing in maintaining its own organization, the Nashville Contractors' Association has always stood for some sort of parent organization that would include all members of the building industry and handle questions that were of interest to the industry as a whole.

In 1921, during the period of greatest stagnation in the building industry, following the war, two well-attended and successful public meetings were promoted by the association.

There was a feeling at that time, as expressed by the Nashville press and general public, that the prices of labor and materials were outrageously high, and that this was causing continued vacation in the building program here. It was shown at these meetings and the public was convinced that the prices of both labor and material for Nashville were as reasonable as conditions at that time warranted.

As a result, there was an almost immediate revival of building in Nashville, which has steadily continued since that time.

BRICK MANUFACTURERS TO FORM STATE ASSOCIATION

At a meeting held in Los Angeles attended by representatives of firms in various parts of he state engaged in the manufacture of common brick it was decided to form a state organization to be known as the Common Brick Manufacturers Association of California. Ralph P. Stoddard, secretary of the Common Brick Manufacturers' Association of America, is coming to California to assist in the organization of the state association and will bring with him George Summerell, who will be the secretary-manager, with headquarters in Los Angeles. A publicity campaign to encourage and stimulate the use of brick is contemplated by the new association. L. S. Collins of the Los Angeles Brick Company, has been one of the moving spirits in the movement to form a state association. He has been a director of the national association for a number of years. At the recent meeting of the national executive board at Cleveland, Ohio, Collins was elected vice-president to fill a vacancy on the official staff.

The Master Plasterers' Association of Alameda County has been organized. T. D. Sexton is president of the organization and Wm. F. Breuer, secretary-manager. Offices are maintained at Room 21, 357 Twelfth street, Oakland.

LONG BEACH BUILDERS ORGANIZE EXCHANGE—ADOPT CODE

The Long Beach Builders' Exchange has been organized, the organization starting with a membership of 50 and the goal set at 150 members. Special aims and objects of the organization are summed up as follows:

To make membership in the Exchange a reasonable assurance to the public of the skill, honesty, responsibility and reliability of its members, by requiring that those admitted to membership shall have established an honorable reputation on those fundamental points, and by making continuance in this membership depend upon fair dealings between members and between members and the public.

To advance and protect the interest of the public, builders and building material dealers.

To establish and maintain uniformity in commercial uses.

To acquire, preserve and disseminate valuable business information.

To avoid, and to adjust as far as is practical the controversies and misunderstandings which are apt to arise between members or individuals engaged in the trade and between the public and the trade or members.

To facilitate the dealings among members of the trade by providing a suitable place and times of meeting, to enable them to meet together and transact business.

Purpose: To promote better relations between all parties in and those coming in contact with the building trade. To maintain high standards in the conduct of work. To investigate and combat unfair practices. To encourage efficiency. To encourage sound business methods. To raise the standard of the building trade in general in the business world. To co-operate with the City and State in the enforcement and perfection of their building codes.

ELECTRICIANS' STRIKE AT RENO IS AVERTED

A strike of the electrical workers in Reno, Nevada, was averted when officials of the Electricians' Union and members of the Electrical Dealers and Contractors' Association, came to an agreement regarding an increase in wages. The electricians demanded $1 a day increase, making the scale $9 a day. The contractors compromised, agreeing to pay $8.60 a day, the eame as is received by union carpenters. The new scale is effective July 2.

SEATTLE PLASTERERS ELECT

At the regular semi-monthly meeting of the Contracing Plasterers' Association, held July 2, H. H. Wilson was elected president to serve for the ensuing year. Other officers elected at the same meeting follow: R. C. Smyth, vice-president; H. L. Nelson, secretary and E. W. Bottorff, treasurer.

CALIFORNIA ARCHITECTURE FOR SCHOOLS FAVORED

California architecture is producing many new and beautiful solutions of the school problem, according to John J. Donovan, Oakland architect.

Mr. Donovan compares the one-story building patterned after the old Mission with the high buildings poorly lighted in the crowded cities of the East. He points out the possibility of having spacious grounds for play and the opportunity for properly lighting the rooms of one-story buildings with the court-yard effect.

CONTRACTOR WINS ACTION AGAINST DISTRICT

A judgment of $10,290.68 against the Tranquillity Irrigation District was awarded to W. V. Sullivan, a contractor, in the superior court (Fresno) by Judge S. L Strother. The full amount asked for by Sullivan was granted.

Sullivan, on March 4th, 1920, contracted with the irrigation district to construct the main power house and pumping plants for $62,646, of which $54,484.50 was paid, leaving a balance due on the contract of $8,161.50. He also did other work for the irrigation district on a cost plus 15 per cent basis for which he claimed $1,324.11 for Waterproofing the pumping pits at Tranquillity and $805.07 for installing pumps at that station.

SEEKS ROAD FUNDS

F. E. Quail, county surveyor of San Joaquin County, in a report to the supervisors seeks $297,500 for maintenance of the bonded and unbonded highways of the county for the fiscal year beginning July 1, 1923. These requirements will be given consideration when the board fixes the tax rate in September.

Quail reported that there are 172.9 miles of bonded roads which will require $127,500 for maintenance. There are also 276.8 miles of unbonded roads which will require $170,000.

Of the latter amount, about $105,000 will be received from the motor vehicle fund, leaving $65,000 to be appropriated by the supervisors.

Quail's figures provide for gravelling certain roads and for the conversion of others to oiled macadam pavement.

SAN FRANCISCO SHOULD "SAVE THE SURFACE"

"Property owners of San Francisco are suffering an annual loss of $5,590,000, due to depreciation by rust, rot and deterioration. This amounts to $12.65 per person, compared with an annual fire loss in San Francisco of only $3.50 per person."

This is the declaration of Arthur M. East of Philadelphia, manager of the Save the Surface campaign.

In explaining the per capita loss, East says: "It is almost entirely due to careless neglect of property and can be prevented by the proper use of paint and varnish.

"More than $1,000,000 worth of standing property in the United States is allowed to rust and rot away each year simply because owners fail to give it the necessary surface protection.

"The person who looks at paint as a beautifier only is years behind the times. The primary purpose is to protect—to prevent moisture and changing temperatures from attacking exposed surfaces. A new floor costs fifty times as much as a new coat of varnish."

NEW MEMBERS

New members in the Alameda County Builders' Exchange, include: Atlas Heating & Ventilating Co.; Badt-Falk Co.; Mayes & Moisley; Mayer Manufacturing Co.; Standard Supply Co.; Calhoun & Greathouse and Victor Devight.

LUMBER PRICES ARE HELD IN CHECK

In its weekly review of the lumber market, "Lumber" recognized market authority in the industry, says:

Midsummer sluggishness in the lumber markets continues, but with evidences of a check to declining prices in the principal softwoods appearing in the reports.

A few reductions are in evidence this week, but they are generally slight and there is a disposition on the part of sellers to resist further concessions.

Betterment in the crop outlook is a basis for growing optimism as to late summer demand from the country yards, but buying from these sources is slender at present.

Settlement of strikes at New York and St. Louis that had checked construction in those cities, are favorable developments, through the concessions granted in both cases may be fruitful of demands from other trades.

A large proportion of the current buying of softwoods is in mixed cars, indicating that caution is still prevalent in retail circles, with the disposition to buy only for urgent needs.

Yellow pine mills still report incomplete stock assortments and mixed orders are placed with more or less difficulty, with prices ruling higher than for straight car loadings.

From one center this week, heavier purchases of yellow pine by retail yards are interpreted as indicative of increased confidence in the market.

Douglas fir manufacturers are disposed to resist further price reductions, and same are accumulating their stocks in preference to accepting of present ruling prices. The fir situation has been bettered by the absorption of most of the transit shipments to the Atlantic Coast, which were a weaking influence while unsold.

Exports hold at fair levels in both of the major softwoods.

The slightly increased activity in southern hardwoods that has been recently noted has been maintained, with prices showing a degree of steadiness at the somewhat lower levels that prevail.

Continuance of rainfall in the south tends to diminish the prospective supply for fall shipment.

The northern hardwood species, which have previously shown little declining tendency, are at lower levels this week, upper grades being particularly affected.

MARCH ELECTRICAL EXPORTS

Preliminary figures just available give value of the exports of electrical goods from the United States during the month of March, 1923, at $6,344,842, which shows a considerable increase over both the preceding month and the same month of last year. It is also nearly as great as the total for January, 1923. For the first three months of 1923 our total electrical exports have been $17,585,523, as compared with $14,199,436 for the first quarter of 1922.

Practically all classes of electrical goods maintained their position in March, very few showing decreases over the preceding month. Gains have been small in apparatus lines, but have been more marked in supply and appliance items. Electric-locomotive exports were $474,089 in March, as compared with $874,379 for January. None were exported in February. Fans, radio materials, wiring supplies, and insulated copper wire and cable all show steady gains. The increase in fans and various domestic electric appliances marks the seasonal buying from the Southern Hemisphere.

What is an Irrigation District Bond?

By J. Rupert Mason, President J. R. Mason & Co., in California Journal of Development

Just as the State of California has been subdivided into counties, school districts and cities, so are our irrigations districts political subdivisions of the State, with full power of self-government regarding district affairs, the qualified voters electing in each district their own board of directors, assessor, tax collector, treasurer, secretary and manager, and in substantially the same manner as city officials are elected.

The importance of good management in an irrigation district, however, guarantees from the individual voter a careful scrutiny of public affairs and makes of the naturally indifferent man, a responsible and interested citizen. The irrigation supply is a bread and butter problem with him, and is never neglected, however much he might be inclined to fail to vote on general election matters.

California Irrigation District Bonds may be defined as the general and direct obligation of a large group of individual farmers owning a compact area of land irrigable from a community-owned source. Payment of principal and interest of bonds issued to finance the cost of installing such water supply is provided by direct unlimited ad valorem taxes, leved and collected annually against all real property located within the district bounderies, in the same manner as school district bonds.

A district's revenues are accordingly raised from the power of taxation, and are not dependent upon the amount of water sold or delivered as private water companies are. These irrigation district taxes are, in the opinion of attorneys, of equal importance in point of lien with county, city and school district taxes, and of course rank ahead of all farm mortgages, including mortgages securing Federal Land Bank and Joint Stock Land Bank Bonds.

The ability and incentive to punctually meet the irrigation district tax are assured by the value of the water in increasing productivity, and as a guarantee against crop failure. The penalty for non- payment of any irrigation district tax would be the sale of the land assessed for the tax, as in the case of a school district. The law provides, furthermore, that should the irrigation district officials in any year fail to levy the tax necessary to meet bond interest and principal as it matures, the County Board of Supervisors must forthwith proceed to make said levy, and they, too, are accountable under their official bond for the faithful performance of this duty. Should the county officials fail for any reason to take action, the law provides that the Attorney-General shall, upon the request of any bond holder, issue a writ of mandate, compelling the county to proceed forthwith to make the necessary levy and collection.

The power of an irrigation district to levy and enforce payment of taxes has been sustained by the United States Supreme Court, and is, therefore, unquestioned.

To apply a proper test to the permanence of a security, we must ascertain that amply security exists at the outset, and then try to determine in what respect the security might fail to be maintained.

Some underwriters handle only irrigation lands which are issued for not more than fifty per cent of the conservative value of the land alone, exclusive of improvements, and not taking into consideration the vastly increased values which are created through irrigation. In other words, land values ample to make the bonds well secured must exist before the bonds would be handled by an experienced bond house.

Each farm as a basis of financing is by itself and entirely apart from its earning power in the hands of its owner absolute security for its share of the district's bonds, and each farm would be readily salable as a "non-going concern" simply as so much land, for many times the amount required to meet an irrigation district's tax. As a matter of fact, in most districts these taxes are looked upon by the farmers as being a nominal "crop insurance premium," and few, if any California farmers whose lands are today without water would hesitate to pay, if necessary, several times the average irrigation district tax, if thereby they could assure irrigation for their land.

These taxes levied and collected annually by the district provide funds to pay semi-annual interest on the bonds, serial installments of bond principal as it matures, as well as general expenses. The irrigation district law requires all districts to issue bonds serially and that all bonds shall have matured within forty years from date. Thus the debt is reduced annually, but none of the security is released until the last bonds have been paid.

The continuing safety of these bonds is assured by provisions of the law that the issuance of additional bonds by districts which have secured State certification for any of their bonds can only be done under the immediate control and direct supervision of the State Irrigation District Commission, a bureau of the State of California, consisting of the Attorney-General, Superintendent of Banks and State Engineer. It is the duty of this commission to determine by means of a thorough investigation the feasibility of the irrigation improvements proposed to be made, the adequacy of the water supply, the fertility of the soil, the value of such water rights, canals, reservoirs and irrigation system owned or to be acquired by the district, together with the value of all lands and real property within the boundaries of the district. Once a district has received validation of its bonds by this commission, it is illegal for that district to authorize or sell additional bonds, which do not receive the complete approval of this commission. Accordingly, the holder of State approved irrigation district bonds is guaranteed by law that additional bonds cannot be issued excepting after receiving the full approval of this State commission.

Each of these State approved irrigation district bonds has affixed a certificate signed by the State Controller, stating that by virtue of a full examination made by the security by the State Commission, savings banks, life insurance companies, trustees, guardians and administrators are authorized by law to invest in the bonds. The bonds are also declared by law to be eligible at 90 per cent as security for deposits of State, county and city funds in California bands. In brief, they are certified by the State of California as suitable investment for all funds which may be invested in State, county, city or school district bonds.

Added to this, these bonds are, according to law, wholly exempt from federal income taxes. Individuals are not required to make any declaration of ownership or income derived therefrom in their income tax statement to the federal authorities. To holders in California, they are as fully tax exempt, both federal and State, as First

Liberty 3½s now selling to yield about 3.40 per cent.

Investment in high-grade irrigation district bonds affords security, marketability and tax exemption, and, at the current market, a more liberal yield that is obtainable from other forms of tax-free investment. The current yields obtainable range from 5 per cent to 6 per cent, wholly tax exempt. The maturities range from one to forty years, are definite and without option.

THE COST OF A MILE OF ROAD

People are prone to think of roads as standardized structures which should be produced at so much per mile. The problem of highway construction costs is not so simple as that, by any means. How much should a mile of highway cost? That is as easy to answer as the abstract question—how much should a house cost?

Before even the ablest authorities can determine how much a mile of road should cost, they must be provided with a vast amount of information with regard to where the mile is to be located, the volume of travel it will receive, the nature of the soil upon which it will be built, the type of loads it will be called upon to carry, etc.

The State of New York has just completed a four-mile stretch of road along the Hudson River at a cost of $175,000 per mile. Unquestionably, it is worth it. The State of New Jersey has spent $80,000 per mile on the construction of certain sections of the Lincoln Highway which carry an immense volume of traffic. It is worth it. The old macadam road replaced by the new construction was costing the State $14,500 per mile a year for maintenance. The Lincoln Highway Association spent $65,000 per mile for the paving on the "Ideal Section" in Indiana. It is a very economical paving for the traffic it is designed to carry. Ten or fifteen thousand dollars a mile spent for the construction of main roads like the Lincoln Way east of Chicago would be an absolute waste of the money. It would be thrown away.

Often the most expensive pavement is the cheapest in the long run. The public should understand this.—Lincoln Highway Forum.

SACHAMENTO ENGINEER PLANS LAND DEVELOPMENT PROJECT

Announcement that plans had been completed for the development of a tract of land, approximating 25,000 acres, in Monterey County, near Carmel, is made by Peter R. Gadd, civil and contracting engineer of Sacramento. Gadd was employed by George Gordon Moore, New York financier, who is the owner, to do the work and make a survey of the property and has just filed a report with Moore.

The owner plans to develop all the property for his own use, according to Gadd and the land thus developed will be devoted to alfalfa, dairying and stock raising.

The engineer's contract provides for the construction of eight miles of highway into the property, and irrigating ditches, pumping plants and other works incidental to development of the property. The construction of buildings costing $150,000 is contemplated.

The property is located in the foothills southeast of Carmel and fronts on the Carmel river. Gadd has been identified with a number of similar projects throughout the state and is well known in engineering circles. He is a member of the state reclamation board and secretary of that organization.

Predict Falling Building Prices

Predictions of falling prices in the cost of building and a general real estate activity were made by speakers at the 16th annual convention of the National Association of Real Estate Boards held in Cleveland, at which approximately 7,500 delegates from all sections of the U. S. and Canada were present.

Basing his conclusions on questionnaires issued to all real estate boards by the national association in May, Melvin L. Morse, real estate statistian of Wellesley Hills, Mass., also forecast some depressions for general business. He predicted no general crash, however, but a gradual decline of business in a series of steps.

"The demand for new building at the present level of costs is nearly filled," Mr. Morse stated, but the need for new buildings, taking all classes, as a whole, is by no means filled. When costs are reduced another lot of contracts will be forthcoming."

The extent of each drop "will depend mainly on the readiness of building material men and labor trades to adjust themselves to the situation," he added.

A marked depression would be prevented by the suburban movement of home building, which he said would rival the growth of the automobile good roads, the movies or radio.

A general diminution of prices in the near future also was predicted by Congressman Theodore E. Burton, of Ohio, who added that this would not be a real disadvantage to many because of the greater purchasing power of money. Congressman Burton predicted a stiffening in rates upon commercial paper in the last half of the year because of the credit required to move crops and the larger demands of the later season.

During the afternoon the realtors divided into seven divisional meetings. Speaking before the property management division, Albert E. Swayne, of Chicago, urged co-operative apartment building and ownership as a great step toward solution of the housing problem.

Predictions that business rentals will remain high "because America is doing business on a higher level, generally than ever in her history," was made by Mark Levy, of Chicago, in a talk before the property management group.

S. F. Home Building Shows 300% Increase

Home building made wonderful strides in San Francisco during 1922, according to an announcement just made by Ethelbert Stewart, commissioner of labor statistics, of the Department of Labor. Oakland and other cities in Northern California likewise made good gains in providing places of abode.

The record of San Francisco for the year shows the completion of buildings that would accommodate 6283 families, which is nearly three times greater than the number completed in 1921, and five times greater than the number in 1920. The figure for 1921 is 2683 and for 1920 it is 1098.

Taking northern California as a whole, Commissioner Stewart made the following report:

City—	Number of families accommodated in new bldgs.			Ratio of families provided for to each 10,000 of population		
	1920	1921	1922	1920	1921	1922
San Francisco	1098	2683	6283	21.6	52.7	123.5
Oakland	1120	2681	4313	51.8	124.0	199.4
Alameda	(1)	152	196	(1)	52.8	68.0
Berkeley	(1)	706	1113	(1)	125.9	198.5
Fresno	(1)	894	1053 (2)	(1)	198.3	233.6
Sacramento	274	737	1187	41.6	111.8	180.1
San Jose	(1)	300	388	(1)	75.7	97.9
Stockton	(1)	624	583	(1)	154.9	144.7

(1) Not reported.
(2) Estimated.

HARBOR SERVICE BUREAU TO EXPEDITE SHIPMENTS

The Harbor Car Service Bureau, organized for unifying and centralizing the handling, tracing and checking of railroad cars on the San Francisco waterfront, is now operating with offices at 110 Market street, San Francisco. The bureau was formed by fourteen of the largest steamship and stevedoring companies.

The new organization is expected to hasten the dispatch of cargo through this port by relieving congestion during the peak movement of freight. A complete record of movements of all steamer lines will be kept for the benefit of shippers, and correct information on car loading, tolls, wharfage, switching, demurrage, etc., supplied. The bureau's services are offered free of charge to shippers and consignees. Anthony W. Font is superintendent.

PUBLIC OWNERSHIP PAYS

Detroit, Michigan, is the largest city in the country where public ownership of the street railway system has been adopted and put in force. After one year's operation it is shown that after paying off interest and principal and debts, putting aside money for a sinking fund, paying taxes, etc., there is a surplus of $1,000,000 that can be used in many ways for the improvement and extension of the railway system and will thus benefit a larger number of people who otherwise may not have been in a position to get street railway service. When the city took over the street railways, discouraging results were predicted but prophets of ill-luck have been put to shame, and the Detroit street railway system is a substantial example of the success of public ownership.—Ex.

PRICE FIXING CHARGED TO CHICAGO BUILDERS

Forty-one Chicago building contractors, union leaders and mill workers were found guilty of price fixing in violation of the Sherman law by a jury in the Federal District Court June 30.

Judge Adam Clift granted a new trial to the five contractors convicted, and the prosecuting attorney dismissed their cases on the ground that mill workers and union leaders made them the "goat."

Government attorneys charged that by barring importation of mill workers and fixing local prices the men mulcted builders out of more than $6,000,000.

The thirty-six remaining defendants will be sentenced July 14.

TRADE NOTES

Fred Miller, since 1915 special engineer for the State Corporation Department, announces his resignation, effective July 20, to become associated with the engineering firm of Smith-Emery & Company. He will assume his new duties on August 1.

Miller, while with the State Corporation Department, served in regulating the promotion of oil and mining corporations operating in the state, and has been largely instrumental in curbing the activities of highly speculative and questionable promoters. He is an authority in mining of wide reputation.

In his new capacity he will have charge of the mining department of Smith-Emery & Co., and will act as consulting specialist in mining and oil projects.

At a meeting of the Board of Directors of the Chris Nelson Co., Inc., wholesale and retail dealers in paints, brushes and wall paper, 1418 Jefferson street, Oakland, Walter W. McLaughlin was elected and appointed vice-president and general manager of the company. He will assume his new duties immediately. The company announces that Frank Marcus, fromer vice-president and manager of the Oakland store, is no longer connected with the company, his resignation being accepted at the June 18 meeting of the board of directors.

A company to be known as the Pacific Steel Corporation has purchased 200 acres of land in Long Beach from the Los Angeles Terminal Company as the site for a $150,000,000 steel rolling mill. The company is being promoted by D. M. Reynolds, vice-president of the Frist National Bank of Los Angeles. The proposed mill will have a capacity of 600 tons of rolled steel a day, requiring approximately 1000 tons iron ore. The new corporation is said to be a merger of steel interests on the Pacific coast.

The firm of Baucus & Bock, street contractors of Los Angeles, has been dissolved. George J. Bock has taken over the contracts of the firm and will continue the business, retaining for a time he offices of the firm at 626 Roberts Bldg., Los Angeles. B. D. Baucus, the other member of the firm, will also continue in the street contracting business independently.

Samuel Vauclain, president of the Baldwin Locomotive Works, predicts that 1,000,000 new homes will be built in the United States in the next five years, explaining that the 1,000,000 marriages and the 1,000,000 children born annually in this country will make the building of the houses necessary.

Test drilling is now going on at Marble Mountain, on the south fork of the Kaweah river at Three Rivers, where the quarry of the San Joaquin Portland Cement plant is to be located, according to word from Exeter. It is reported the company plans development for fifty years.

The West Adams Lumber Co., recently incorporated, has opened a yard at 3330 W. 36th St., Los Angeles. F. F. Colman, formerly of the Colman Lumber Company, Bell, is interested in the new concern.

Offices of the American Cast Iron Pipe Company, formerly located in the Perkins Bldg., Tacoma, Wash., have been moved to 2013 L. C. Smith Bldg., Seattle.

Qualifications for A City Manager

(By Chas. E. Ashburner, City Manager of Stockton, Calif., in "Professional Engineer")

As a snowball gains in size when pushed along by school boys, so has the city manager form of government increased since its inception in April, 1908.

The growth has been phenominal, beginning with one city in 1908, one more in 1913; arriving at a total of nineteen in December, 1914; continuing to gain year after year until we now have approximately 130 cities under this form of government in the United States and Canada.

Such a tremendous growth in any profession makes it difficult of course, to procure trained men to fill the positions that are being created so rapidly. A council or a commission, after it is elected turns instinctively to the profession of civil engineering, believing that this profession is more nearly allied to that of city manager than any other.

The logic of this point of view is substantiated when we analyze the budget of the average American city, as it will be found in nearly every case that the largest single expenditure is in the department of public works, which fact argues on its face that the civil engineer is the logical man for the position of city manager.

There are, however, other qualifications which must be taken into consideration in selecting one to manage the affairs of a city.

A city manager must have courage of his convictions and sufficient strength of character to stand firm when he knows he is right, without egotism or stubbornness. He should also have a knowledge of municipal laws and finance, together with executive ability and good business Judgment.

A city manager should be able to give off-hand, at least approximately, the cost of various items in street paving, sewerage, lighting, building and, at the same time, should know and be able to discuss matters pertaining to the financial conditions, both local and national; he should know the best methods of financing various proects; he should have sufficient knowledge of men both individually and collectively, to know whether a project for the advancement of a community would meet with sufficient approval to make it able of accomplishment.

He should know when to discipline or commend employes, and be so peculiarly constituted as to inspire confidence for sincerity and integrity among those who may not approve of him personally.

He should be an indefatigable worker and deep in touch at all times with the most advanced practices in all lines pertaining to municipal work; he should be able to weigh what is done in other localities by the local scale to see what is done in other places will fit local conditions. In other words the city manager must be an executive.

As I said in the beginning, since most of the expenditures of a municipality are made for public improvements, first-hand engineering knowledge is most essential, otherwise a manager would be entirely dependent upon the engineering knowledge and business ability of the city engineer, who might influence the city manager in many expenditures through his personality rather than through the soundness of his engineering knowledge.

Engineers intending to enter the profession of city manager should, by all means, round themselves out in the other qualifications so essential to this profession. The successful civil engineer is the man who has ability to grasp situations and solve problems, and is, therefore, by nature of his training, in a good position to school himself in the handling of the various other duties mentioned in this article.

To be frank, I feel that most engineers allow themselves to get strictly into engineering ruts and do not see the necessity of looking at the commercial side of engineering problems; but, if the man with engineering knowledge has the ability to grasp the matters mentioned above, with a further ability to organize his work, and to avail himself of the brains of others in lines in which he is not schooled, I feel that the civil engineer should make a success in this profession.

There is one qualification, however, that I have entirely omitted; that is, no matter how well educated, how well read, or how deep a thinker the engineer may be, he should have the ability to be "at home" with any and all of the citizens who employ him. He should have the ability to explain clearly and concisely the policies of the administration, the whys and wherefores of its various actions.

He should always be ready to look at matters that affect citizens, from their point of view, as often matters are presented do, which until properly explained seem much more serious to the citizens than they really are.

To sum up the whole question of the civil engineer as a city manager, he should have the qualifications mentioned earlier in this article, and at the same time be possessed of a sympathetic nature that would enable him to smooth out the rough places that will be found in all city administrations.

CEMENT SHORTAGE IN SOUTH

Reports from various communities in southern California indicate no improvement in the cement situation. The transportation committee of Los Angeles chamber of commerce which heard appeals for support in securing an emergency freight rate to bring in cement from outside districts recommended that action be deferred for ten days to give those who claim there is no shortage of cement an opportunity to show that all demands can be supplied by California mills at the current market price for southern California cement. This recommendation was submitted to the board of directors of the chamber of commerce and accepted by that body.

A protest against the failure of the chamber of commerce to take immediate action to relieve the cement situation was filed with that body by the Building Material Dealers Association, including twenty firms in Los Angeles, Long Beach, San Pedro, Santa Monica, Santa Ana and Redondo. These dealers, who normally distribute thousands of barrels of cement daily, declare there is an acute shortage of cement in southern California and demand that the chamber of commerce act quickly and vigorously.

PUBLICATIONS

A plant standardization chart, based on the paint needs of the average industry, has been prepared by the Paint and Varnish Division of E. I. duPont de Nemours & Company of Wilmington, Delaware. Its purpose is to offer suggestions to industries showing what can be accomplished for them in industrial painting and up-keep. It covers a wide range of material suitable for exterior and interior surfaces with the specific covering recommended for the different conditions found in large industrial plants. The chart presents so many variations that it gives a wide latitude to plant owners or managers in their preference for colors. It has been prepared as a suggestion, and is especially valuable because it gives a comprehensive idea of what can be accomplished by the right kind of paint service.

Bulletin No. 326, recently published by the United State Bureau of Labor Statistics, deals with methods of the Bureau in procuring and computing statistical information relating to labor. It takes up the different subjects covered regularly in investigations, giving examples of questionnaires and schedules used by agents in collecting material relating to wages and hours of labor, cost of living, retail and wholesale prices, volume of employment, strikes and lockouts, industrial accidents and workmen's compensation and insurance. Extent of work done in different fields of study is given, together with sources from which the information is drawn and the scope of the various investigations.

"The Architect and the Business of Building," is the title of a 16-page booklet published by the Producers' Section, Structural Service Committee, American Institute of Architects, 19 W. Forty-fourth street, New ork. A paragraph taken from the preface explains that the desire is to "effect a progressive reduction in the cost to manufacturers of marketing their products thraugh the architectural profession." It is believed that by wisely directed joint effort there may be eliminated a large part of the waste of energy, time and money characterizing present methods, and that the architect may be aided in selecting materials and equipment most appropriate to his needs.

A trolley folder has just been issued covering the new Yale Trolleys. It is the first piece of literature to be issued on this equipment, and contains, in addition to detailed descriptions of the plain and geared types of the new Yale Steel Plate Roller Bearing Trolleys, a description of the new Yale Cast-iron Trolley. Incorporated in it are the details of very interesting tests to which the new Steel Plate Trolley was subjected, and a complete list of the material-handling equipment manufactured by the Yale & Towne Mfg. Co., Stanford, Conn.

The Graver Corporation, East Chicago, Indiana, has issued Bulletin No. 500, "Water Supply for Swimming Pools" with data on design, construction and operation. The bulletin furnishes first hand information on the Graver Recirculating and Refiltering system for maintaining a hygienic water in swimming pools. The bulletin is well illustrated and contains detail drawings of the equipment and in addition to featuring recent installations.

Important Construction Projects Abroad

Important construction projects in Canada loom large in the reports of building activities abroad received during the week from representatives of the Department of Commerce. Press reports state that the Canadian Pacific Railway is planning the construction of a direct outlet for the Peace River country in Northern Alberta at an approximate cost of $30,000,000, and that survey parties are now engaged in preliminary work.

It has been announced in the Canadian Parliament that the Canadian National Railway construction programe provides for a total expenditure of over $28,000,000, this amount to be expended on work ranging from coast to coast.

Power Plant for Ontario

Preparations are under way at Campbellford, Ontario, Canada, for the construction of a $500,000 power plant. Plans for the extensive development of the water power in this district being made in order to provide for the future needs of Central Ontario, Consul Felix S. S. Johnson, Kingston, reports.

Ningara Development

Extensive developments are being planned for the Niagara, St. Catherines and Toronto Railway, including a change in the terminal facilities of the road at Niagara, Ont.

Road Work in Ecuador

It is stated that 600,000 sucres (approximately $187,500) will be expended during 1923 for grading and for building provisional wooden bridges on the inter-andine section of the Quito-Esmeraldas Railway from Quito to Ibarra, in Ecuador.

Port Works in Brazil

The Brazilian Government has contracted for the improving of the harbor and the construction of modern port works at Ilheos, in the State of Bahia, says Consul T. H. Bevan. The total expenditure called for is 4,600,200 milreis (approximately $500,000 current exchange), and will include (1) dredging, (2) quays, (3) warehouses, (4) cranes, rolling stock, and other port apparatus, (5) paving, and (6) facilities providing for water, light, and sewage disposal.

Railway in Mexico

A decree has been signed authorizing the Secretary of Communications of Mexico to expend the amount necessary for the construction of a railroad branch line to run from the station of Beristain, the state of Hildago, on the Hildago and Northeastern Railroad to Fobero in the State of Veracruz. The line is to be 140 kilometers in length and the cost is estimated at 4,000,000 pesos, (approximately $2,000,000).

Tramway in Mexico

The Government of the State of San Luis Potosi, Mexico, has granted a concession for the construction of a tramway from Rio Verde to San Ciro, State of San Luis Potosi, a distance of about twenty-five miles. It is planned to use cars operated by gasoline motors or similar power and that a telephone line shall extend the length of the tramway.

Oil Tanks for Auckland

It is understood that the British Admiralty has made an agreement with the British Imperial Oil Company for the erection at Auckland, New Zealand, of two 5,000 gallon tanks for storing fuel oil.

TIMBER BID ACCEPTED

The sale of 685,000,000 board feet of timber on the Cascade National Forest in Oregon is announced by the Forest Service, Department of Agriculture.

With the sale of this timber the department reports that its total sales for the fiscal year ending June 30, will probably be between 2,500,000,000 and 3,000,000,000 board feet, with an estimated cut of between 900,00,000 and 1,000,000,000 board feet.

George H. Kelley of Protland, Ore., was the successful bidder, at an average price of $2.25 per thousand feet for the Douglas fir. The total value of the timber is placed at $1,500,000.

It will be cut at the rate of 50,000,000 board feet per year, thus increasing the receipts of the government by about $100,000 per annum. Prices may be changed by the department in 1928 and at three-year-periods thereafter. Fourteen years are allowed for removal.

The body of timber sold comprises 15,700 acres in the watershed of the north folk of the Willamette River. The average stand per acre is estimated at 44,000 feet, 90 per cent of which is Douglas fir.

JUNE BUILDING TOTALS

	1922	1923
San Francisco..	$ 3,336,701	$ 4,213,346
Los Angeles....	10,652,265	15,074,446
San Jose.....	215,150	301,550
San Diego.....	1,010,362	1,400,194
Long Beach.....	1,123,049	3,422,324
Oakland	2,243,745	2,751,751
Seattle	2,092,030	5,230,445
Stockton	221,060	269,560
Sacramento	753,914	990,485
Palo Alto.....	223,524	77,385
Bakersfield	115,673	97,399

PACIFIC COAST LEADS COUNTRY IN PURCHASING

The Credit Clearing House Report (New York), issued July 9, says:

"The Pacific Coast section has had a sudden access of purchasing beginning with the second week of June, which has carried it to the first place. This activity follows a period of comparative dullness, which began at the end of March, and lasted through April, May and the first week of June.

"The mountain section appears to have reached the end of a period of high purchasing activity, which began when copper went up to 15 cents a pound in January. Purchasing in this section has responded to the fall in the prices of copper, zinc and lead.

"In the north agricultural section there has been a decline in purchasing, beginning with the second week of June, after a period of exceptional activity, which lasted through February, March, April and May.

"In the middle agricultural section the falling off at the end of June is more marked than in any other section, but the South has purchased very largely through a long series of months.

"During February, March, April and May the East section gave signs of a fairly complete recovery from the after effects of strikes. Pennsyuvania, which for months kept the percentage of the whole section low, regained its buying power."

Five furniture plants, with an investment totaling several million dollars, are in prospect for San Francisco, according to an announcement of the Industrial Department of San Francisco Chamber of Commerce.

Building News Section

APARTMENTS

Steel Contract Awarded—Sub-Figures Being Taken.
APARTMENTS Cost, $115,000
SAN FRANCISCO, SW Sutter & Leavenworth Streets.
Six-story and basement concrete (23) apartments.
Owner—L. B. Ham, 107 Montgomery St., San Francisco.
Steel contract awarded to The Golden Gate Iron Works, 1514 Howard St., San Francisco.

Bids Wanted For Pressed Brick.
APARTMENTS Cost, $115,000
SAN FRANCISCO, SW Sutter & Leavenworth Streets.
Six-story and basement concrete (23) apartments.
Owner—L. B. Ham, Rm. 502, 110 Sutter St., S. F.
Steel contract awarded to The Golden Gate Iron Works, 1514 Howard St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $41,360
SAN FRANCISCO. E Taylor 62 N Broadway.
Three-story frame and stucco apartment building (12 3-room apts.)
Owner—Jos. and Celina Labarbere, 1659 Califofrnia St, San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor — Denke & Bowers, 1317 Hyde St., San Francisco.

Permit Applied For—Segregated Figures To Be Taken Shortly.
APT. BLDG. Cost, $500,000
SAN FRANCISCO, N Washington 68-9 W Gough.
Ten-story and basement reinforced concrete apt. bldg. (2nd unit) 9 apartments.
Owner—Two Thousand & Six Washington Street, Inc.
Architect — C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
The grading has been awarded to H. N. McClure, 608 Octavia St., at $2300.

Architect and Owner Taking Sub-Figures.
APARTMENTS Cost, $90,000
SAN FRANCISCO. N Eddy 97-6 W Jones Street.
Six-story and basement steel frame & concrete apartment building (23 apts. and stores).
Owner—R. J. O'Brien, 608 Alexander Bldg., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Kiernan & O'Brien, 1756 Mission St., San Francisco.

Segregated Figures Being Taken.
APARTMENTS Cost, $——
SAN FRANCISCO. Broadway, bet. Webster and Steiner.
Five-story reinforced concrete Class C apartments (2 6-room apts. on each floor).
Owner—M. Gnecco.
Architect—E. E. Young, 2002 California St., San Francisco.
Elevator, incinerator, etc.

Contract Awarded.
APARTMENTS Cost, $60,000
SAN FRANCISCO, W Hyde 87-6 N Ellis Street.
Five-story reinforced concrete (25) apartments.
Owner—M. A. Hunt, 1332 Lombard St., San Francisco.
Contractor—The Helbing Co. 1332 Lombard St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, $13,500
RICHMOND, Contra Costa Co. Cal. Barret Ave., bet. 8th and 9th Sts.
Two-story brick and frame apt. bldg. (4 4-room apts.)
Owner—Jas. Walker, care Builders Exchange, 14th St., Richmond.
Architect — Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Contractor—W. Snelgrove, 160 18th St., Richmond.

Contract Awarded.
APARTMENTS Cost, $12,000
RICHMOND, W 14th St., bet. Macdonald and Bissell.
Two-story frame (4) apartments.
Owner—Mrs. M. Dorstewitz, 18th and Nevin Sts., Richmond.
Contractor—E. A. F. Carson, 542 4th Richmond.

Plans Being Figured.
APARTMENTS Cost, $25,000
SAN FRANCISCO, N. Green St., East of Webster St.
Three-story frame, brick veneer and stucco apartments (6 3-room apts.) also breakfast rooms.
Owner—Robert Wallace Jr.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Garage space for six machines.

LOS ANGELES, Cal.—Archt. Ernest T. Freeze, 4675 Hollywood Blvd., is preparing plans for a 4-story and basement class C apt. bldg. to be erected at 610 S Westlake Ave. for Heineman, Guggenheim & Stoto. Found., 70x150 ft; 100 rms., auto elec. elevator, wall beds, tile baths; $200,000.

LOS ANGELES, Cal.—Archts. Monaco & Bordeaux, 913 Bank of Italy International Bldg., have completed plans for a 4-story class C apt. bldg., to be erected on Serrano St., near Wilshire Blvd., for S. M. Reiss; will contain 50 single apts, with large lobby. Brick, 4-sto. and basement, tile and comp. rfg., hardw. fls., press brick facing, tile baths and drainbds., gas steam rads., unit water htr., wall beds, O. P. trim, aut. elec. elevator, art. stone trim, steel beams, plate glass, metal lath, O. P. trim, ornam. iron; $140,000. Bids will be taken this week.

LOS ANGELES, Cal.—R. R. Edwards Bldg. Co., 6408 Hollywood Blvd., has prepared plans and has the contract to erect a 24-apartment building on Wilcox St. near Yucca St., for L. L. McLary. Hollow tile and concrete construction, 2-story and basement, 66x131 ft., tile roofing, plaster exterior. Cos, $60,000.

LOS ANGELES, Cal. — W. E. Chadwick, 723 Union League Bldg., is preparing plans for a frame and plaster 24 apt. bldg., to be erected on W 30th St., for A. B. Weismann; cost $50,000.

LONG BEACH, Los Angeles Co., Calif. —Wallace Bradfield and G. Canterbury, Long Beach, have had sketches made for a $2,000,000 12-story own-your-own class A apt. bldg. to be erected on Ocean Ave., near 3rd Pl., Long Beach. Found., 105x270 ft., L-shape constr., 18,000 sq. ft., 224 apts., from 1 to 4 rms. each, with bath and kitchen, shops, tea room, Turkish bath, barber shop, fresh water swimming tank, ball rm., billiard rm., ladies' club rms.

BONDS

MODESTO, Stanislaus Co., Calif.—County Supervisors have sold 24,000 bond issue of Keyes School District. Proceeds of sale will finance construction of new school. Premium of $45 paid for issue.

McFARLAND, Kern Co., Cal.—Election will be held shortly in McFarland Grammar School District to vote bonds of $50,000 to finance erection of new school to contain 4 classrooms and auditorium seating 500.

GONZALES, Monterey Co., Cal.—Trustees of Gonzales Union Grammar School District will call election to vote bonds of $80,000 to purchase sites and for school improvements.

CALWA, Fresno Co., Cal.—Election will be held July 27 in Calwa School District to vote bonds of $4000 to finance one-room addition to school, repair toilet rooms and erect partitions in auditorium. Trustees of district are: V. L. Whitlow, J. H. Chambers and B. H. Bon.

MERCED, Merced Co., Cal.—Merced County Supervisors sell $200,000 bond issue of Merced Union High School District for premium of $946; proceeds of sale will finance construction of branch high school at Livingston and a new auditorium at the Merced High School.

REDWOOD CITY, San Mateo Co., Cal. —Election will be held July 27 in Sequoia Union High School District to vote direct tax of $55,000 to complete and furnish new high school. Thos. O. Heydenfeldt, Clerk of District.

FULLERTON, Orange Co., Cal.—An election will be held in Fullerton School District, July 25, to vote on an issue of bonds in the sum of $125,000, for school purposes. G. W. Finch and O. M. Thompson, trustees.

CHURCHES

Low Bidder
REINF. CONC. Approx. $48,000
BERKELEY, Alameda Co., Cal., Colusa and San Pedro.
Reinforced concrete church.
Owner—Thousand Oaks Baptist Church (Albert Ehrgott, pastor)
Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.
Low Bidders—Conner & Conner, 1733 Francisco St., Berkeley.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. S.F.
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF.
PHONE SUTTER 53 17

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

MT. DIABLO CEMENT

A Contra Costa County Product. Awarded Gold Medal P. P. I. E.

Cowell Santa Cruz Lime

Always used where quality counts.

HENRY COWELL LIME & CEMENT CO.

2 MARKET STREET SAN FRANCISCO, CALIF.

BRANCHES

Oakland San Jose Sacramento Santa Cruz Portland, Ore. Tacoma, Wash.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

Contract Awarded.
ADDITION Cost, $15,000
OAKLAND, Park Blvd. & 13th Ave.
Addition to church.
Owner — St. Stephens M. E. Church, Oakland.
Contractor—S. D. Brigham, 1371 E-33 St., Oakland.

PORTLAND, Ore.—Archt. F. Manson White, Sherlock Bldg., taking bids for two and three-story church to be erected at E-32nd and Ankeny. Will be of Mission type with thermo concrete walls and stucco exterior; 159x190 ft. Central Presbyterian Church, owner.

LOS ANGELES, Cal. — Archt. Carl Boller, 531 Douglas Bldg., has completed plans for a 2-sto Sunday school bldg. to be erected at 2618 Workman St., for the Advent Christian Church, G. A. Osman, pastor, and S. B. Smith, chairman bldg. comm. on property; will contain Sunday school assembly room, 12 classrms and entrance. Brick and frame constr., 40x62 ft., comp. rfg., gas floor furnace htg., maple fls., art glass hollow metal sash, metal skylights, plaster exter., pine trim, folding doors; owner will built by day labor under their own supervision.

HOLLYWOOD, Cal.—Architect H. M. Patterson, 325 O. T. Johnson Bldg., is completing plans for the new church to be erected at the northeast corner of Gower St. and Carlos Ave. for First Presbyterian Church of Hollywood. It will be two story and basement, 88x127 ft., main auditorium with balcony to seat 1500 people; social department in basement; brick construction, pressed brick and terra cotta exterior, slate rfg., art glass, pine and hardwood trim and floors. Cost, $150,000.

FACTORIES & WAREHOUSES

Planned.
FACTORY Cost, $——
SAN FRANCISCO. SE Folsom and Twelfth Streets.
Factory or loft building, 72-9x84.
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Architect—Not Selected.
Plans will probably be prepared by Architects O'Brien Bros., 315 Montgomery Street.

To be Done by Day's Labor and Sub-Contracts.
WAREHOUSE Cost, $——
SAN FRANCISCO. NW Mississippi and Army Streets.
Excavating and filling for warehouse.
Owner—Edw. L. Soule Co., Rialto Bldg., San Francisco.
Excavating and filling was awarded a month ago to W. H. Hauser.
Traveling crane purchased from Shephard Hoist Co.

LOS ANGELES, Cal.—Robertson & Evans, Grant Bldg., have been awarded a contract at $347,000 for all work complete for erecting a 13-story and basement Class A store and loft building on the east side of Hill St., betw. 7th and 8th Sts., for W. W. Paden, Edw. L. Mayberry, 472 Pacific Electric Bldg., Architect. It will be 50x150 ft., reinf. concr. constr., terra cotta facing, plate glass, steel sash, elevators, marble and tile work, steam heating.

LONG BEACH, Los Angeles Co., Cal. —A corporation to be known as the Pacific Steel Corp., has purchased 200 acres of land from the Los Angeles Terminal Co. as the site for a $15,000,000 steel rolling mill. The company is being promoted by D. M. Reynolds, vice-president of the First National Bank of Los Angeles The proposed mill will have a capacity of 600 tons of rolled steel a day, requiring approximately 1000 tons iron ore. Certain changes to the channel entrances will be made, and application to the harbor commission for approval of the plans has been made. The new corporation is said to be a merger of steel interests on the Pacific coast.

LOS ANGELES, Cal.—Architect W. C. Pennell, 617 Merritt Bldg., has completed revised plans for a one-story and part two-story laundry building, to be erected at the southeast corner of Clauson Ave. and Inskeep St., for Wolfstein & Glodschmidt, to be occupied by the De Lux Laundry Co., 617 Merritt Bldg. Brick, 160x319 fts., comp. rfg., cem. and tile floors, pressed brick facing, steel sash, metal skylights, plate, wire and floretine glass, lockers, steel smoke stack, structural steel, ornam. iron. Cost, $150,000. Contracts to be awarded on original bids.

SAN FRANCISCO—The Helbing Co. has purchased a lot 50x90 on the NW side of Folsom street 75 feet NE of Ninth street upon which a building will be erected shortly.

William H. Woodfield and Samuel Weinstein have purchased the property, 30 by 112-6, on the southeasterly line of Folsom street, 82-6 southwest of Hawthorne street.

Geo. A. Clough, Hibernian Bank Bldg. has purchased the lot 30x80 feet, on the northwesterly line of Dore street, 275 feet northeast of Folsom. This property is to be improved immediately with a two-story and basement building, which will be occupied under lease by the Pacific Coast Tag Manufacturing Company.

LOS ANGELES, Cal.—Robert E. Millsap, 423 Marsh-Strong Bldg., has been awarded a contract at $102,900 on revised specifications, for erecting a six-story and basement Class C loft building on Sixth street, between Grand Ave. and Hope St. for L. Eisner. Curlett & Beelman, 408 Union Bank Bldg., are the architects. Dimensions, 57x115 ft., reinforced concrete exterior walls, stucco and cast stone front, plate glass, composition roofing, wood interior construction, steel sash, elevator, fire escapes. The original bids were: Robt. E. Millsap, $109,690; J. V. McNeil Co., $114,950; Edwards, Wildey & Dixon, $117,722; T. B. Stewart Constr. Co., $122,000; Lange & Bergstrom, $122,600; Wm. Simpson Constr. Co., $124,000; Clinton Constr. Co., $129,890; Macdonald & Kahn, $135,899.

LOS ANGELES, Cal.—Archts. Morgan Walls & Morgan, 1124 Van Nuys Bldg. are completing plans for a new creamery plant to be erected on Slauson Ave. west of Western Ave., for the Crescent Creamery Co. There will be a 2-sto. milk plant, 100x200 ft., 2-sto. ice cream, 93x200 ft. and 1-sto. boiler house, 80x80 ft.; reinf. conc. constr., plas. exter., steel sash, comp. rfg., steel rolling doors, conveyors, elevators, traveling cranes, yard paving, loading platforms.

PORTERVILLE, Tulare Co., Cal. — Until July 18, 6 p. m., bids will be rec. by E. G. Wilson, secy., Tule River Citrus Assn., to erect one-story and basement concrete and tile packing plant. Claire C. Morris, architect, 106 Morton St., Porterville. Cert check 5% req. with each bid. Plans obtainable from architect.

LOS ANGELES, Cal.—Archt. T. Beverly Keim, 716 Haas Bldg., has completed plans for a 3-story class C loft bldg., to be erected at 732 S Maple St., for Karl Stern Co. Brick, 44x125 ft. press. brick and art stone or terra cotta facing, steel sash.

EXETER, Tulare Co., Cal.—California State Olive Growers' Ass'n., T. B. McKelvey, 1276 Farris St., Fresno, organizer, is completing arrangements to erect a packing plant here. Frederick Kitchner of Woodlake, Calif., is a trustee in the association.

FLATS

Plans Being Prepared—To be Done by Day's Work.
FRAME FLATS Cost, $12,000
SAN FRANCISCO. Bay St. near Octavia.
Two-story frame flats.
Owner—John Becker.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

To be Done by Day's Work.
FRAME FLATS $14,000
SAN FRANCISCO. W Twenty-second Ave 200 S Geary St.
Two-story and basement frame (4) flats.
Owner—K. Adler, 493 22nd Ave., San Francisco.

Sub-Figures Being Taken—Figures to be Taken Shortly.
FLATS Cost, $——
SAN FRANCISCO. Pacific Avenue, bet. Leavenworth and Jones Sts.
Two-story and basement frame flats (2 4-room).
Owner—Mr. Jeanmair.
Architect—C. W. Mahoney, 892 Union St., San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost—
OAKLAND, W Piedmont Ave. 300 N Broadway.
One-story tile and steel garage.
Owner—H. B. & E. C. Lyon, 30th and Broadway, Oakland.
Architect—E. T. Foulkes, 12th & Webster Sts., Oakland; Crocker Bldg., San Francisco.
Contractor—F. A. Muller, Syndicate Building, Oakland.

Plans Being Figured.
GARAGE ETC. Cost, $15,000
BURLINGAME, San Mateo Co.
One-story frame and stucco private garage and chauffeur's quarters.
Owner—Geo. Pope.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

See "Miscellaneous Buildings," this issue.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing
PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

GOVERNMENT WORK AND SUPPLIES

Contract Awarded.
ALTERATIONS Cost, $20,000
SAN FRANCISCO, Cal. Fort Mason.
Alterations to steam main and heating seven buildings.
Owner—U. S. Government.
Architect—Constructing Quartermaster Office, O. W. Degen, Chief Eng. and Architect, Fort Mason.
Contractor—Turner Co., 272 Natoma St., San Francisco.

STOCKTON, San Joaquin Co., Cal.—Until July 25, bids will be rec. by the Custodian of the U. S. Postoffice for fur. and installing 500 additional mail boxes. Further information may be obtained fro mthe above.

LIVERMORE, Alameda Co., Cal.—Word has been received from Washington that the Veterans' Hospital will be erected near Livermore. However, reports recently circulated that bids will be called for in the next few days has no foundatin, as representatives from Washington are expected shortly to further inspect the site and determine the size of the building, etc., before plans are prepared. A San Francisco architect may be selected.

FORT MASON, Cal.—Jas. Currie, 3120 Balboa St., S. F., has been awarded a contract for erecting a 75-ft. steel flagpole at Fort Mason at $2985.

Repairs to dock No. 4 at Fort Mason was awarded to Healy-Tibbitts Constr. Co., at $2585.

PEARL HARBOR, T. H.—Frick Co., Waynesboro, Pa., at $3150 awarded tract by Bureau of Yards and Docks, under Spec. No. 4767, for refrigerating machinery to be installed at Pearl Harbor.

SAN DIEGO, Cal. — H. G. Fenton, Dewey and Main Sts., San Diego, at $4403.84 awarded cont. by Bureau of Yards and Docks, Navy Department, under Spec. No. 4872, for grading at Marine Corps Base; time for completion 60 days.

DENVER, Colo.—Until July 23, 2 p. m., bids will be rec. by U. S. Reclamation Service, for fur. two 60-in. plate steel penstocks and one 84-in. plate steel discharge manifold for Black Canyon pumping plant, Boise project, Idaho, and one 66-in. plate steel penstock manifold for Pilot Butte power plant, Riverton project, Wyoming. Further information on request to above office.

PORTLAND, Ore.—Until July 20, under Circular No. 772, bids will be rec. by U. S. Engineer Office, Portland, for fur. and del. one 36-in. medium pattern high-duty lathe. Further information on application.

DENVER, Colo.—S. Morgan Smith & Co., York, Pa., under Schedule 1, at $6495 awarded contract by U. S. Reclamation Service, for fur. control valves under Spec 325-D. Other bids: Ross Valve Mfg. Co., Troy, N. Y., schedule 3, $5625; C. M. Davies Regulator Co., Chicago, schedule 3, $8400.

PORTLAND, Ore.—Until July 20, under Circular No. 775, bids will be rec. by U. S. Engineer Office, Portland, for fur. and del. one 2½-ft. high speed radial drill. Further information on application.

PORTLAND, Ore.—Until July 20, under Circular No. 774, bids will be rec. by U. S. Engineer Office, Portland, Ore. for fur. one 25-in. high-speed back-geared crane shaper. Further information on application.

WASHINGTON, D. C.—Until July 18, bids will be rec. by Bureau of Yards & Docks, Navy Department, under Spec. 4861, for fur. electric traveling bridge crane for Navy Yard, Puget Sound, Wn. Spec. obtainable from Bureau on deposit of $10.

PORTLAND, Ore.—Until July 20, under Circular No. 776, bids will be rec. by U. S. Engineer Office, Portland for fur. and del. one 200-ton hydraulic wheel press. Further information on application.

PORTLAND, Ore.—Until July 20, under Circular No. 773, bids will be rec. by U. S. Office, Portland, for fur. and del. one 14-in. high duty lathe. Further information on application.

DENVER, Colo.—Following bids rec. by U. S. Reclamation Service under Spec. 378-D for 78-in. plate steel penstock for Lahonpan power plant, Newlands project:

Wm. B. Pollock Co., Youngstown, Ohio, item 1, $21,400 and $20,800; 2, $20, accepted.

Llewellyn Iron Works, Los Angeles, Calif., item 1, $21,292; 2, $20.

Western Pipe and Steel Co., San Francisco, Calif., item 1, $25,300 and $25,500; 2, $20.

Thompson Mfg. Co., Denver Colo., item 1, $27,700; 2, $22.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies & Accounts, Navy Department, for fur. and del. following materials to Navy Yards; date for opening bids as noted at end of each paragraph:

Schedule 1067, Mare Island and Puget Sound, a miscellaneous quantity of brass and copper tubing and pipe, July 31.

Schedule 1069, Mare Island, 30,000 pounds angle steel, July 31.

Schedule 1071, San Diego and Mare Island, 190,000 pounds white cotton waste, July 31.

Schedule 1072, Puget Sound, a miscellaneous quantity of salinity-indicating equipment, July 31.

Schedule 1074, Mare Island, a miscellaneous quantity of interior varnish, chrome green and ultramarine blue, July 31.

Schedule 1084, Mare Island, 170 sound signals, July 31.

SAN FRANCISCO—Until July 17, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4648-455, for fur. and del. Rio Vista, Solano County: miscellaneous hardware and supplies.

PRATT, Kansas.—E. Zimmerli, 151 Cowper St., Palo Alto at $43,200 awarded contract by Supervising Architect, Treasury Department, Washington, D. C., to erect postoffice; time for completion, 12 months.

SAN FRANCISCO—Until July 19, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4662/455, for fur. and del. Rio Vista, Solano county: Miscellaneous castings. Further information on request.

HALLS AND SOCIETY BUILDINGS

Bids In.
DANCE PAVILION. Cost $40,000
OAKLAND, 18TH ST.
Two-story reinforced concrete dance pavilion and bowling alley.
Lessee—J. Reall.
Architects—Schirmer - Bugbee Co., Thayer Bldg., Oakland.

Plans Being Prepared.
DANCE PAVILION. Cost $100,000
OAKLAND, BROADWAY, near 19th.
Two-story and basement class "B" reinforced concrete store and dance pavilion.
Owner—J. F. Hassler.
Architects — Schirmer - Bugbee Co., Thayer Bldg., Oakland.

CULVER CITY, Los Angeles Co., Cal.—Southern California Jockey Club has surveyed site for race track back of the Goldwyn Studio. The site is approximately 150 acres, and plans call for a grandstand, clubhouse and one-mile track. There will be 16 stables, each containing 40 stalls. There will be other stalls for driving horses.

LONG BEACH, Los Angeles Co., Calif.—Milwaukee Building Co., Wright & Callender Bldg., Los Angeles, has prepared preliminary drawings for a 12-story French chateau style club bldg. to be erected on a 180x400 ft. site on Ocean Ave., near 1st Pl., Long Beach, for the Golden State Club, a merger of the Petroleum Commercial Club and the Pacific Club. Terra cotta, brick, stone and concr. constr.

FRESNO, Fresno Co., Cal.—Board of Directors of Fresno Y. M. C. A. has purchased six lots at N and Tuolumne streets on which it is proposed to erect a modern club building. Plans for the structure are yet to be prepared. Officers of the organization are: F. J. Haber, pres.; C. H. Cobb, vice-pres.; Claude F. Cowan, secy.

SAN FRANCISCO—The Knights of Pythias are planning to erect a new building, although nothing definite has been decided.

ELKO, Nevada—Elko Lodge No. 15, Free and Accepted Masons, has purchased property at Fourth and Commercial streets, a site for a new lodge building, to cost $80,000. Construction will not be started at least for two years.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

HOTELS

Plans Being Figured.
HOTEL, ETC. Cost, $30,000
OAKLAND, Alameda Co., Cal. Tenth St. near Clay.
Four-story brick store and hotel (26 rooms and 4 stores), 76x100 feet.
Owner—I. Robinowitz.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.
Figures are being taken for a general contract.

SAN BERNARDINO, Cal.—The site at the southwest corner of Fifth and E Sts., where the Frank C. Platt six-story hotel is to be built, is being cleared. Plans for the hotel are being prepared now by the Frank C. Platt Co., which is in the business of financing hotel and similar projects. It is planned to get excavation under way within 30 days. Estimated cost of the project, $450,000.

POWER PLANTS

Plans Being Figured—Bids Close Aug. 6, 1923, 11 a. m.
POWER PLANT Cost, $90,000
SAN JOSE, Santa Clara Co., Cal., County Hospital Grounds.
Reinforced concrete power plant.
Owner—Santa Clara County.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.
See call for bids under official Proposals.

Plans Being Prepared.
BUILDING Cost, $250,000
SAN FRANCISCO. Stevenson St., between 5th and 6th Sts.
Steel frame and reinforced concrete building for steam plant 70x100.
Owner—Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.
Architect—Engineering Dept. of owner
It will be equipped with 1575 horsepower steam boilers. There will also be suitable shop provided together with locker rooms, etc.

To be Done by Day's Labor and Sub-Contracts.
SUB-STATION Cost, $31,000
OAKLAND, Alameda Co., Cal. E 50th Ave—S Clark St.
One-story concrete and steel frame substation.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of Owner.

SAN FRANCISCO — The Purchasing Dept. of the Pacific Gas & Elec. Co., 445 Sutter St. are taking bids for structural steel for sub station "I" in San Francisco and for the sub station at Pittsburg at the Columbia Steel Co.'s plant. Estimated cost $1000 each.

LOS ANGELES, Cal.—Pacific States Elec. Co., 240 S Los Angeles St., awarded contr. by public service comm., at $122 per M for cross arm braces.

SAN FRANCISCO—See "Machinery & Equipment," this issue. Motors.

MODESTO, Stanislaus Co., Cal.—Geo. J. Ulrich, 1425 Stoddard St., Modesto, at $2900 awarded contract by Modesto Irrigation District to construct substation on Coldwell avenue. Will be of brick construction.

FRESNO, Fresno Co., Cal.—H. C. Ross, Division manager of the Pacific Gas and Electric Co., at Fresno, announces company has appropriated $19,300 to install 130,000 cu. ft. per hour steam driven compressor and buildings to house machinery in Fresno.

PUBLIC BUILDINGS

MADERA, Madera Co., Cal.—R. C. Brown, Madera, at $1375 awarded contract by supervisors to construct rest room in Chowchilla Park.

Bids Rejected—New Bids To Be Called For.
DETENTION HOME Cost—
MODESTO, Stanislaus Co., Calif., Vicinity of county hospital.
Two-story brick Detention Home.
Owner—County of Stanislaus.
Architect—Jas. H. Hoose, Ramont Bldg. Modesto, Calif.

J. F. Shepherd, Stockton	$32,752
Geo. Ulrich, Modesto	33,000
Randolph & Ward, Modesto	33,468
W. A. Stevens & Son	34,109
Chas. S. Mabrey, Sacramento	34,716
Beck & Kohn, S. F.	37,545
R. C. Bush, Modesto	37,874
Reilly & Nemetz, S. F.	38,953

Plans will be revised slightly certain omitting steel cells etc. New bids will be advertised for about July 16th to be opened the first part of August.

OLYMPIA, Wash.—Until July 31, bids will be rec. by State Capitol Committee to construct walls of the Legislative buildings, a part of the state capitol group, for which the foundations are already in place. This is the third time bids for this unit have been asked. Under the last call, the lowest bid was submitted by the Western Construction Co. of Seattle at $875,862, which bid, it was said, was "erroneously too low." Wilder & White, New York, are the architects.

LOS ANGELES, Cal.—Willis B. Kyle, 809 I. W. Hellman Bldg., was awarded cont. by county supervisors July 6 at $802,900 for fabricating and erecting steel work for new Hall of Justice, N Broadway and Temple Sts., involv.: about 7000 tons. Extra prices were: (1) 6.2c lb. for additional girders and columns; (2) 5.65c lb. for ommission of girders and columns; (3) 6c lb. for additional iron castings; (4) 5.45c lb. ommission of iron castings; (5) 5.5c lb. additional beams including connecting parts; (6) 4.95c lb. ommission of beams etc.; (7) 6.7c lb. additional plate and angle work; (8) 6.15 lb. ommission of plate and angle work; time limit, 300 days from date of contract.

REDDING, Shasta Co., Cal.—J. P. Brennan, Redding, at $14,386 awarded contract by county supervisors to construct one-story concrete addition to county jail at Redding. J. Lefebre & Son, Redding, at $2,133, only bidder, awarded contract for plumbing and heating. Other bids for general contract were: Wm. Stephens, Redding, $17,644.34; Herndon & Finnegan, Sacramento, $17,908.

MARTINEZ, Contra Costa Co., Cal—Until Aug. 6, 11 A. M., bids will be rec. by J. H. Wells, County Clerk, to fur. one 50-h. p. boiler in county hospital; to be delivered f. o. b. cars Martinez. Cert. check 10% payable to clerk req. with each bid. Spec. and further information obtainable from clerk.

PIEDMONT, Alameda Co, — Building committee of City Council will submit recommendations for additions to present city hall. Proposed to erect quarters to house departments created by the new city chapter, including offices for the superintendent of streets and building inspector.

Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

SAN GABRIEL, L. A. Co., Cal.—B. Crossland, 25 S Raymond Ave., Alhambra, was awarded a contr. at $41,750 for all work complete for erecting a new city hall bldg. at San Gabriel. Walker & Eisen, 325 Pacific Finance Bldg., archts. It will be 2-sto., 55x90 ft. brick constr., stucco exter., clay tile rfg., pine trim, oak and pine fls. The other bids were: J. S. Metzger & Son, $42,950; Frank Whyte, $43,703; Larsen-Siegrist Co., $43,850; G. Tryon, $43,975; R. S. Martin, $44,758; Clark Bros. & Libby, $45,900.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $16,000
SAN FRANCISCO. Junipero Sierra Boulevard.
Two-story frame and plaster residence
Owner—J. R. Neimeyer, 22 Battery St., San Francisco.
Architect—Harold G. Stoner, 1st Nat'l. Bank Bldg., San Francisco.
Contractor—Boxton & Zwieg, Flatiron Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $13,500
SAN FRANCISCO. St. Francis Wood.
Two-story frame and stucco residence (8 rooms and garage).
Owner—W. H. Nordman.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans Being Prepared.
RESIDENCE. Cost $20,000
PIEDMONT.
Two-story frame and stucco residence and garage, 9 rooms, slate roof.
Owner—Arthur Duncan.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $18,000
PIEDMONT, Alameda Co., Cal., 201 Crocker Ave.
Two-story 10-room frame residence & garage.
Owner — Frank Proctor, 109 Crocker Ave., Piedmont.
Architect—F. C. Stolte, 3455 Laguna Ave., Oakland.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland.

Figures To Be Taken Shortly.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco residence with tile or shingle roof (8 rooms and garage).
Owner—Dr. Jas. G. Sharp, Palo Alto.
Architect—John K. Branner, 251 Kearny St., San Francisco.

Figures To Be Taken in a Week.
RESIDENCE Cost, $30,000
PIEDMONT, Alameda Co., Cal.
Two-story frame, brick veneer and stucco residence.
Owner—Withheld.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.

Plans Being Figured.
RESIDENCE Cost, $25,000
OAKLAND, Alameda Co., Cal., Claremont District.
Two-story frame and stucco residence (10 rooms) and garage.
Owner—Withheld.
Architect—Clarence Tantau, 251 Kearny St., San Francisco.

Completing Plans—Figures to be Taken Shortly.
RESIDENCE Cost, $20,000
SAN FRANCISCO. West Clay Park near Twenty-seventh Avenue.
Three-story and basement frame and stucco residence with large reception hall at rear connected by an arcade, garage, patio, etc.
Owner—Solomon Schwartz.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Cal. Occidental and Warren Road.
Frame and stucco residence.
Owner—Geo. W. Mountford, San Mateo.
Architect & Contractor—Mitchell-Jackson Co., 170 2nd St., San Mateo.

Contract Awarded.
RESIDENCE Cost, $14,561
PIEDMONT, Alameda Co., 428 Bellevue Ave.
Two-story 9-room residence and garage
Owner—L. L. Abbott, 25 Sheridan Ave., Oakland.
Contractor—Jos. Parker, 944 E-14th St. Oakland.

Sub-Contracts Awarded. Bids Being Taken For Heating, Finish Hardware, Electric Work, Wall Paper and Shades, Plumbing.
RESIDENCE. Cost $25,000
PIEDMONT, Alameda Co., Calif., 201 Crocker Ave.
Two-story 10-room frame residence & garage.
Owner—Mrs. Ada F. Marshall, 109 Crocker Ave., Piedmont.
Carpentry work to F. C. Stolte, 3455 Laguna Ave., Oakland.$9504.85
Tile to Rigney Tile Co..... 497.00
Electrical work to Advance Elec. Co. 533.00
Hardwood Floors to Inlaid Floor Co. 620.00
Plastering to G. C. Lester..... 2220.00
Painting to A. Van Heerden... 1348.00
Brick work to Chas. Chubb.... 836.00

Contract Awarded.
DWELLING Cost, $15,000
OAKLAND, S Longridge Rd. 450 E Verado Road.
Two-story 10-room dwelling.
Owner—L. C. Graff, 1326 Webster St., Oakland.
Contractor—E. C. Graff, 1326 Webster St., Oakland.

Sub-Contracts Awarded. Bids Being Taken For Tile and Finish Hardware, Etc.
RESIDENCE. Cost, ——
BERKELEY, 741 Arlington.
Two-story 8-room residence.
Owner — J. G. Westphal, 1709 Marin Ave., Berkeley.
Architect—S. B. & Noble Newsom, Nevada Bank Bldg., S. F.
General Contract—Otto Mailanen, 3919 Opal St., Oakland.
Plumbing to A. M. Feary, 4378 Adeline, Oakland $1366
Heating to Frank Pollard, 320 13th St., Oakland $540
Electrical work to Scott Co., 381 11th St., Oakland $267
Plastering to Glimme..... 1550
Brick work to Chas. Chubb..... 663
Ornamental Iron to A. Hans.
Painting to A. Van Heerdon..... 1456

Sub-Contracts Awarded.
RESIDENCE Cost, $16,000
BERKELEY, 741 Arlington.
Two-story 8-room residence.
Owner — J. G. Westphal, 1709 Marin Ave., Berkeley.
Architect—S. B. & Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—Otto Mailanen, 3919 Opal St., Oakland.
Plumbing to A. M. Feary, 4378 Adeline, Oakland.
Heating to Frank Pollard, 320 13th St., Oakland.
Electrical work to Scott Co., 381 11th St., Oakland.
Hardwood floors to Inlaid Floor Co.
Plastering and painting bids under advisement.

Permit Applied For.
RESIDENCE Cost, $31,000
STOCKTON, San Joaquin Co., Cal. No. 205 E-North Street.
Residence.
Owner—J. O. Robinson, Stockton.

Permit Applied For.
RESIDENCE Cost, $14,000
STOCKTON, San Joaquin Co., Cal. No. 22 E-Pine Street.
Residence.
Owner—Mrs. J. A. Inglis, 230 E-Park St., Stockton.

BURLINGAME, Cal.—See "Garage," this issue.

SCHOOLS

Plans Being Figured—Bids Close July 23, 7:30 P. M.
SCHOOL Cost, $6000
SUNNYVALE, Santa Clara Co., Cal.
One-story frame temporary school (shiplap exterior, crushed brick roof and T. & G. interior).
Owner—West Side Union High School District. Leo H. Vishoot, Clerk.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
See call for bids under official proposal section in this issue.

Figures To Be Taken in a Week.
SCHOOL Cost, $20,000
STANISLAUS Co, Cal.
Frame and hollow tile school (2 rms and auditorium).
Owner—Laird School District.
Architect—Jas. Hoose, Ramont Bldg., Modesto.

Plans Being Figured—Bids Close August 1, 1923, 7:30 p. m.
SCHOOL Cost, $55,000
STOCKTON, San Joaquin Co., Pilgrim St., between Jackson and Jefferson.
One-story 8-room brick school (only exterior walls and rough interior finish to be built at this time.
Owner—City of Stockton.
Architect—Chas. Young, Commercial & Savings Bank Bldg., Stockton.
Supervising Architects—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Figures To Be Taken Shortly.
INTERIOR WORK Cost, $40,000
STOCKTON, San Joaquin Co., Cal.
Interior work for high school auditorium (including wiring, lighting fixtures, ceiling work, stage arch and heating equipment).
Owner—Stockton City Board of Education.
Architect—Louis Stone and Davis Heller-Pearce Co., Delta Bldg., Stockton.

Plans Being Prepared.
STORE & LOFT $130,000 to $150,000 ea
SAN FRANCISCO, S Market E 8th.
Two 3 or 4-story reinforced concrete store and loft buildings.
Owner—Marian Realty Co., 1171 Market St., S. F.
Architect—D. C. Coleman, 1171 Market St., San Francisco.

Preliminary Plans Being Prepared.
SCHOOL BLDG. Cost, $255,000
OAKLAND, Alameda Co., Cal., 1532 34th Avenue.
Two-story reinforced concrete elementary and high school building, (approx. 25 rooms).
Owner—St. Elizabeth's Parish School, 1532 34th Ave., Oakland.
Architect—John J. Donovan, 1916 Bdwy Oakland.

Plans Being Figured—Bids Close July 21, 1923, 2:30 P. M.
SCHOOL Cost, $110,000
PLEASANTON, Alameda Co., Cal.
One and two-story reinforced concrete school with 2 wings (12 rooms and an auditorium, domestic science and manual training departments).
Owner — Amador Valley Union High School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Slight changes have been made in the plans. Segregated bids will be taken.
The following is a list of the lowest bidders when bids were opened on June 23rd:

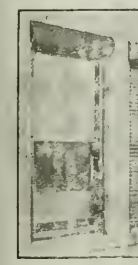
General Work
C. A. Bruce, Pleasanton $79,694
Plumbing
Scott Co., Oakland $7691
Heating
Cruckshank & Kolin, Pleasanton $6147 (1) deduct $910; (2) deduct $421.
Painting
Geo. Trimmingham, Pleasanton..$3809

Contract Awarded.
SCHOOL Cost, $25,000
SAN JOSE, Santa Clara Co., Cal., Reed and 2nd Sts.
Three-story frame and stucco high school and gymnasium.
Owner—Sisters of Notre Dame, West Santa Clara, San Jose.
Contractor — W. J. Moore, 70 W San Fernando, San Jose.

Plans Being Figured—Bids Close August 11, 1923, 1 p. m.
SCHOOL Cost, $175,000
CENTERVILLE, Alameda Co., Cal.
Two-story class C high school (approx. 30 rooms).
Owner — Washington Union High School District.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
Bonds have been voted.
Bids will be taken as follows:
General contract.
Plumbing.
Heating.
Electrical work.
Plans may be obtained from the architect's office.

SELBY, Contra Costa Co., Cal.—See "Playgrounds and Parks," this issue. Fence contract award.

KINNEAR ROLLING · DOORS KINNEAR



Furnished for the closure of all types of door and window openings.

Underwriters Label furnished when desired

Pacific Materials Co.

525 Market Street . San Francisco

MODESTO, Stanislaus Co., Calif.—The Board of Trustees of the Modesto High School District opened bids on July 5th for electric wiring, electric heating, blackboards and window shades for the new school building. W. H. Weeks, 369 Pine St., S. F., is the architect.

Electric Wiring

Nightingale Elec. Co., Modesto (awarded)	$7935
M. E. Ryan, San Francisco	8750
Latourrette-Fical Co., Sacramento	9315
E. A. Taggard	9743
Watts Elect. Co. San Francisco.	10000
Butte Elect. Equipt Co., S. F...	10478
Roberts Mfg. Co., S. F.	10590
Goolds & Johns	14999

Electric Heating

Scheeline Mfg. Co., 80 Tehama St., S. F. (awarded on terms	$5,743.87
A. Strouch	4,227.50
Watts Elec. Co.	4,317.00
M. E. Ryan	4,665.00

Shades

Rucker-Fuller Desk Co. S. F. (awarded on Prop. 1)	$592	$577
C. F. Weber, S. F.	700	400
Stewart School Supply Co.	750	370
Johnson-Wherry	647	403

Blackboards

C. F. Weber, San Francisco (awarded)	$3175.60	$1732
Rucker-Fuller Desk Co..	3270.	1733
Stewart School Supply Co	3300.	1800

At the same meeting bids were opened and contracts awarded for the heating and electrical work for the elementary schools for which John J. Donovan of Oakland was the architect. Contracts were awarded as follows:

Electric Heating

Scheeline Mfg. Co., S. F. ..... $——

Electric Wiring

J. M. Nightingale, 934 10th St., Modesto ..... $——.

(47050) First report June 20, 1923; second report June 25, 1923.

GLOBE, Ariz.—R. A. Ramey Constr. Co., El Paso, was awarded contr. at $128,949 for constructing the Bullion Plaza grammar school, containing 20 class rooms, offices, etc. The school will be located at Sullivan St. and the Superior highway. The Anderson Const Co. was next low bidder at $131,500. Other bids were: John I. Kane & Co., El Paso, $131,515; Mathew Jacobson, Miami, $134,284.45; R. E. McKee, El Paso, $138,750; B. L. Hammock, Miami, $138,750; Holberg Constr. Co., Miami, $144,204.28; Whalley Lbr. Co., Globe, $147,000; Paul Michaelson, Globe, $159,-500.

FRESNO, Fresno Co., Cal.. — Until July 31, 7:30 p. m., bids will be rec. by John Polytress, clerk, Washington High School District, to construct high school. Coates and Travers, architects, Rowell Bldg., Fresno. Bids may be submitted on any one segregation or any combined groups of segregations, as follows: (1) carpentry; (2) brick work; (3) mill work and glazing; (4) plastering, lathing and modeling; (5) sheet metal and toilet partitions; (6) painting; (7) tile and patent roofing; (8) electric wiring; (9) plumbing & heating; (10) finish hardware; (11) program clocks & telephones; (12) pumping plant. Plans on file in office of clerk at Easton and may be obtained from office of architects at Fresno. Bonds of $155,000 have been voted to finance construction.

SAN FRANCISCO—Board of Public Works requests supervisors to authorize removal of Mission High School annex from present location at southwest Dorland and Dolores streets to northwest corner of Dolores and Dorland streets; est. cost $19,000.

Supervisors also requested to authorize Board of Public Works to enter into contracts for changes in George Peabody school in east side of 7th ave., bet. California and Clement Sts., etc.; cost, $12,000 and for changes in the Sarah B. Cooper school at Lombard and Jones Sts., est. cost $10,000.

LOS ANGELES, Cal.—Until 9 A. M., July 20, bids will be received by the Board of Education for erecting an addition to the Van Nuys elementary school building, Sylmar Ave., near Gilmore St., Van Nuys. Plans and specifications may be obtained at Secretary's office, 730 Security Bldg.

MONTEBELLO, Los Angeles Co., Calif.—Until 8 p. m., July 21, bids will be received by trustees of Montebello high school district for erecting a new high school bldg. at Montebello; Jeffery & Schaefer, 1106 Kerckhoff Bldg., archts. Bids will be taken separately on the general contract, plumbing, painting, blackboards, sash and doors, hardwd. fls., brick work, steel and iron, plastering, marble work, finish hardware, comp. rfg., slate rfg., heating, ventilating and sheet metal work. The bldg. will contain 30 rms. and will be of brick constr. Terra Cotta and concr. work have already been let. Cost, $300,000.

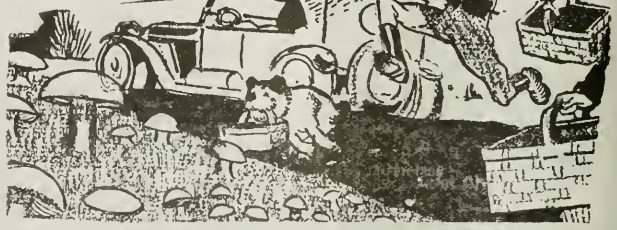
SACRAMENTO, Cal.—See "Streets & Sewers," this issue. Rock pavement for school yard.

LOS ANGELES, Cal.—Tyler Bennett, 7958 Hollywood Blvd., was low bidder at $21,055 on the general contract for erecting an addition to the Rose Hill school building; Frank L. Stiff, Architect. Low bidders on other contracts were: Leo H. Hubbert on painting at $1375; F. J. Donnelly on heating at $3393; Ora King on plumbing at $1000.

McFadden & Winkelman, 1102 W. Pico St., were low bidders on the general contract at $23,990 for erecting a new building at Bellevue Development school site. Low bidders on other contracts were: G. C. Sutton on plumbing at $3100; Coast Radiator Corp. on heating at $499; H. H. Mann on painting at $968; H. H. Walker on wiring at $1435.

Jos Glass Crowe, Secty.
Builders' Day Outing Committee,
Builders' Exchange.
Dear Joe:

IN REPLY to your note.
ABOUT "BUILDERS' Day" outing.
SANDY PRATT, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
IS SO busy.
WITH HIS new rock company.
THAT SANDY.
COULD NOT attend the meeting.
OF THE committee.
ANYWAY, SANDY Pratt.
PRODUCER OF clean, sharp sand.
WAS IN Sacramento.
WHILE YOUR committee.
WAS IN session.
AND JOE.
IF YOU think Sandy Pratt.
IS NOT a busy fellow.
WITH THREE sand producing plants.
TO KEEP in sand orders.
AND BUILDING a $250,000.00 plant.
TO CRUSH the boulders.
LEFT BY the gold dredgers.
AT PRATTROCK, near Folsom.
IS NOT a boy's job.
AND BESIDES, Joe.
SANDY HAS his now famous contest.
TO SECURE a commercial name.
FOR HIS new crushed rock.
THERE ARE 151 answers.
IN SANDY'S mammoth contest.
AND THIS is work itself.
BUT SANDY Pratt is with you.
AND YOUR committee.
AND WILL work and work.
FOR THE success.
OF YOUR next "Builders' Day."
"I THANK you."



This scene proposed by Al Cigar White and secured by Billy Cement Feary shows Joe Press Agent Odgers, all of the "Builders' Day" committee near Joe's Mill Valley home at the annual picnic of the Fog Eaters' Union. Clarence Sand Pratt, producer of clean, sharp sand is not in the picture because Sandy was at Prattrock (home of the Pratt Rock & Gravel Co's new crushed rock plant) counting the 125,000 carloads of rock that will be shipped from this point.

OVER 1,000,000 SATISFIED OWNERS

THE BOOK OF KNOWLEDGE Helps Us

WHY?

IF THERE'S A THING YOUR CHILDREN WANT TO KNOW,
THE BOOK OF KNOWLEDGE
KNOWS IT;
IF THERE'S A PLACE THEY WANT TO GO,
THE BOOK OF KNOWLEDGE
SHOWS IT;
IF THERE'S A THING THEY'D MAKE OR DO,
THEY'LL FIND IT IN THE PAGES;
THE BOOK OF KNOWLEDGE
GIVES THEM
ALL THE WISDOM OF THE AGES.

One of the greatest educators of the age says:

"Let a child of ten read THE BOOK OF KNOWLEDGE 15 minutes a day for 3 years and he will know more than the wisest men knew a few generations ago."

The Book of Knowledge

The Children's Encyclopedia

10,000 Educational Pictures In Five Languages 350 Colored Plates

WHY YOU SHOULD OWN IT

Because it is the Greatest educational work for children ever published.

Because it is the most Interesting educational work in existence.

Because it contains that part of the accumulated wisdom of the world, important for a child to know, told in words he can understand and in a manner that will fascinate him.

Because it answers every question a child can ask, in simple language.

Because its editors and contributors have made what a child Wants to Know and what a child Ought to Know identical.

Because a saving of a few cents a day for a limited period will purchase it.

Because boys and girls read it eagerly, and its pages and pictures are so intensely interesting that while being delightfully entertained the children are unconsciously absorbing the most valuable information.

Because it has received unstinted praise from people who Know—educators, teachers, clergymen, professional and business men and women—and many thousands of "just average fathers and mothers."

Because the children themselves are unanimous in their liking for it and an educational work which pleases the children while Instructing them is the ideal of every teacher and parent.

FREE

THE FREE SAMPLE BOOK contains many pages and pictures from the following interesting subjects: The Sun and His Family; How We Dig Up Sunshine; The World's Bread and Butter; How Men May Make Stone; The Marvel of Hearing; What Makes a Bee Hum; Animals That Work for Nature; The United Nation; Republics of South America, Etc.

Mail this FREE COUPON NOW

THE GROLIER SOCIETY,
Western Branch,
278 Post St., San Francisco, Calif.

Please mail free descriptive book containing specimen pages and illustrations from THE BOOK OF KNOWLEDGE, and explaining the use and meaning of the work.

Name .....

Address .....

BNE 7-21-23

STOCKTON, San Joaquin Co., Cal.—Until Aug. 1, 7:30 P. M., bids will be rec. by Ansel S. Williams, Secretary, Board of Education, Lindsay and San Joaquin Sts., for painting and sandblasting exterior of Fremont school. Plans obtainable from Secty., or from Davis-Heller-Pearce Co., architects and engineers, Delta Bldg., Stockton. Cert. check 10% req. with each bid.

MIDWAY, Kern Co., Cal.—Bids are being received by P. E. Williams, Clerk, Midway School District, for fur. and del. approx. 600 auditorium chairs, single or double seatings. Bids to be submitted f. o. b. Fellows, Calif. Bids will be opened on or about July 21. Further information obtainable from clerk.

LOS ANGELES, Cal.—The architectural department of the Board of Education, Edgar H. Cline, Architect, has completed plans for a new gymnasium to be erected on Walton Ave. near 41st St. for manual arts high school. It will be two-story, 70x124 ft., brick construction, steel sash, comp. rfg. Cost, $70,000. The Board of Education will advertise for bide shortly.

PLACERVILLE, El Dorado Co., Cal—Until July 23, 8 p. m., bids will be rec. by W. A. Rantz, clerk, Placerville High School District, to construct one classroom addition to high school.

Separate bids, same date, to enclose boiler room in concrete 26x11x8-ft.; also one foundation 32x42 ft.; 8-in. thick 2-ft. high; also one foundation, 20x10-ft. 6-in. thick, 2-ft. high.

Plans on file with school Supt. at Placerville.

HUNTINGTON BEACH, Los Angeles Co., Cal.—Ridenour Bros., Huntington Beach, have been awarded the general contract on their original bid at $176,726 with changes for several alternates for erecting a new school building at Huntington Beach. John C. Smith, 325 H. W. Hellman Bldg., Architect. On the alternates accepted, Ridenour Bros. were lower than H. E. Knerr. Other contracts awarded were: Heating to Foss & Jones, Pasadena; painting to W. Higgins, Huntington Beach, and wiring to McIntosh Electric Co., Huntington Beach. The building will contain 22 rooms, 2-story and part 1-story, brick constr., face brick, cast stone trim, comp. roofing, pine trim and fls., plenum heating system.

STRATFORD, Kings Co., Cal.—Until July 17, 7 P. M., bids will be rec. by Mrs. Anna Nance, Clerk, Stratford School District, to erect 3-room brick school and toilet building in addition to remodeling present school. Bonds to the amount of $55,000 have been sold. Glass & Butner, Architects, Cory Bldg., Fresno. **See call for bids under official proposal section in this issue.**

MODESTO, Stanislaus Co., Cal.—Until July 23, 7:30 p. m., bids will be rec. by Kathleen G. Prewhett, clerk, Modesto Junior College Dist. for fur. & install special furniture and fixtures in new Junior College, W. H. Weeks, architect, 369 Pine St., San Francisco. See call for bids under official proposal section in this issue.

LIVINGSTON, Merced Co., Cal.—Five architects or firms submitted bids for the new Livingston school. They are: Allison & Allison, Los Angeles; Coates & Travers, Fresno; Cowell, Mayo & Bissell, Merced; W. H. Weeks, San Francisco, and J. J. Donovan, Oakland.

VISALIA, Tulare Co., Cal.—Standard Electric Time Co., 461 Market St., San Francisco, at $840 awarded contract by Visalia High School District to install complete electric program clock equipment in high school. Pacific Elec. Clock Co., 86 3rd St., San Francisco, only other bidder at $875. Equipment consists of one electrically wound master clock equipped to operate three circuits of secondary clocks, having the necessary relays, pilot dials, battery gauge, setting keys, etc. Master clock also to be equipped with a six circuit minute interval program instrument, to have three ribbons; each ribbon operating two separate schedules.

LOS ANGELES, Cal.—Archts. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., have completed plans for the new high school to be erected at Melrose and Fairfax Aves. It will contain 60 rms. and an auditorium to seat 1800 people; dimensions, 450x320 ft.; brick and reinf. concrete constr., selected common brick facing, cast stone trim, clay tile rfg., pine trim, marble and tile work, reinf. conc. fls. and stairways; cost $600,000. The board of education will advertise for bids shortly.

SACRAMENTO, Cal.—The Board of Education of the City of Sacramento received the following bids on July 9th at 7:30 P. M., for the construction of a one-story frame and stucco school building to be erected on the Riverside Road from plans prepared by Architects Woollett & Lamb, Mull Bldg., Sacramento. All bids were taken under advisement and will in all probability be awarded to the lowest bidders.

General Contract

Chas. F. Mabrey, Oschner Bldg., Sacramento $32,474
Herndon & Finnigan, Sacramento 36,077
Campbell Constr. Co., Sacto..... 36,370
Fred Betz, Sacramento..... 36,420
Wm. Murcell, Sacramento..... 36,840
Holdener Constr. Co., Sacto..... 39,697

Plumbing and Heating

Luppin & Hawley, 906 7th St., Sacramento, (1) plumbing, $2,779; (2) heating, $3,689.
Hateley & Hateley, Sacramento, (1) $2,800; (2) $3,700.
Scott, Lyman & Stack, Sacramento (1) $3,110; (2) $——.
Latourrette-Fical Co., Sacramento (1) $2,940; (2) $3,928.

Electrical Work

Latourrette-Fical Co., 907 Front St., Sacramento $1600
Geo. Foss, Sacramento 1698

LOS ANGELES, Cal.—J. C. Bannister, 903 N. Mariposa Ave., was low bidder on the general contr. at $74,330 for erecting a new school building at Wilshire Crest school site, County Club Dr. and Sycamore Ave.; Otto H. Neher, Architect. Low bidders on the other contracts were: Franklin & Boyce on heating at $5780; E. W. Crowell on plumbing at $4720; R. Rasmussen on painting at $1445; H. H. Walker on wiring at $3376.

LOS ANGELES, Cal.—J. C. Bannister, 903 N. Mariposa Ave., was low bidder on the general contract at $60,000 for erecting a new school building at Alexandria Ave. school site, at Alexandria and Oakwood Aves.; Loy L. Smith, Byrne Bldg., Architect. Low bidders on the other contracts were: Western Engineering & Construction Co., on heating at $5909; R. Rasmussen on painting at $1464; G. C. Sutton on plumbing at $5447, and H. H. Walker on wiring at $3112. The building will be of brick construction.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

LOS ANGELES, Cal.—J. C. Bannister, 903 N. Mariposa Ave., was low bidder on the general contract for erecting an addition to the John Muir Junior High School at Vermont Ave. and 60th St.; John C. Austin, 1125 Baker-Detwiler Bldg., Architect. The bids were: **General Contract**—J. C. Bannister, $52,630; (a) $15,380; (b) $9050; (c) $77,050.

VISALIA, Tulare Co., Cal.—A. E. Noble, Visalia, at $1,850 awarded cont. by Board of Education to erect one-room frame kindergarten at Highland School. Other bidders, all of Visalia, were:

J. E. Toothacre.....$1994
Edgar Nobl 2357
T. T. Godsey..... 2088
J. W. Eheridge..... 2201
J. L. Anderson..... 2498

FRESNO, Fresno Co., Cal.—Irwin & Hopkins, Fresno, at $6,686 awarded contract by Manning School District to erect one-room addition with basement to present school. Ernest J. Kump Co., architects, Rowell Bldg., Fresno. Other bids were:

J. B. Hart, Fresno.....$7443
L. Cereghino & Son, Fresno..... 9275
Squire Cooper, Selma..... 7790
Jolly & Jolly, Fresno..... 9227
Otto P. Johnson, Kingsburg..... 7284
W. F. Jennings, Fresno..... 7434
Fisher & McNulty, Fresno..... 7616

MADERA, Madera Co., Calif.—Until July 24, 10 a. m., bids will be received by Roy Boothe, clerk, North Fork Union School District, to install water system, reshingle roof and paint roof; construct foot bridge and paint tank house. Further information obtainable from clerk.

STOCKTON, San Joaquin Co., Calif.—Until July 25, 7:30 p. m., bids will be received by Ansel S. Williams, secretary Board of Education, Lindsay and San Joaquin Sts., to install interior offices and for roof work at High School. Louis S. Stone, architect, Belding Bldg., Stockton. Specifications obtainable from secretary or architect. Certified check of 10% required with each bid.

HUNTINGTON PARK, Cal.—Until 8 p. m., July 18, bids will be received by trustees of Huntington Park union high school district for erecting a new manual arts building at Huntington Park union high school site; Rea & Garstang, 905 Trust and Savings Building, architects. Bids will be taken separately on the general work, electric wiring, heating, painting, cabinet work and plumbing. The bldg. will be 1-story and part 2-story, L-shaped, 196x197 ft., extreme dimensions, brick walls, steel sash, steel beams, comp. rfg., metal skylights, wood and cem. fls., steel lockers, steam htg., cost $100,000.

BANKS, STORES & OFFICES

Electrical Work and Heating Bids Being Taken.
STORE & OFFICE. Cost $130,000 each
SAN FRANCISCO, S Market, 75 and 112-6 W 7th.
Two 3-story, basement and mez. floor reinf. conc. store and office bldgs.
Owner—Marian Realty Co., 1171 Market St., San Francisco.
Architect—D. C. Coleman & W. B. Wagnon, 1141 Market St., San Francisco.

Plans Being Prepared.
ADDITION Cost, $200,000
SACRAMENTO, Cal.—Eighth St., bet. J and K Streets.
Reinforced concrete addition, 40x80, to present bank building.
Owner — Farmers & Mechanics Bank, Premises.
Architect—Not Given.

Sub-Figures Being Taken.
STORE BLDG. Cost, $30,000
OAKLAND, Alameda Co., Cal. E-14th and Webster Streets.
One-story Class C store building.
Lessee—Steve Piperis, 1600 7th St., Oakland.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.

Segregated Figures Being Taken.
ADDITION Cost, $100,000
SACRAMENTO, Cal. Eighth St., bet J and K Streets.
One-story and basement reinforced concrete addition, 40x80, to present bank building.
Owner — Farmers & Mechanics Bank, Premises.
Architect—H. H. Winner Co., 55 New Montgomery St., San Francisco.
Excavating and piling awarded to Jenkins & Elton of Sacramento.

Bids to be Called For Next Week.
AUTO SALES BLDG. Cost, $10,000
SACRAMENTO, Cal.—SE Fourteenth and K Streets.
One-story brick auto sales building with cement exterior and tile roof Spanish type, steel windows, etc.
Owner—Drs. Frank, Richard L. and Grove I. Ochsner.
Lessee—Reo Motor Car Co.
Architect — E. C. Hemmings, Ochsner Bldg., Sacramento.

Segregated Figures Being Taken.
BANK BUILDING Cost, $75,000
NAPA, Napa Co., Cal.
One-story reinforced concrete bank building, 60x75 (stone or terra cotta facing).
Owner—Bank of Napa.
Architect — H. H. Winner Co., Sharon Bldg., San Francisco.
Segregated figures being taken as follows: Concrete work, carpenter work, electric, plumbing, heating, lathing and plastering, marble, cabinet painting and decorating, glass and glazing, electric fixtures and roofing

Contract Awarded.
BUILDING Cost, $14,000
FRESNO, Fresno Co., Cal., Belmont and Forthcamp.
One-story brick store building.
Owner — Alex Alchian, 939 Van Ness Ave., Fresno.
Architect—E. Mathewson, Cory Bldg., Fresno.
Contractor—Carl D. Housepian, 640 L St., Fresno.

Steel Erection Bids Being Taken.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO. SE Market & Beale streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Contractor for pile driving—Healy Tibbitts Co., Main and Market Sts., San Francisco.
Bids for the erection of the steel are being taken by the Purchasing Department of the owner.

Plans Being Prepared.
BUILDING. Cost, $40,000
OAKLAND, E. 15th and Franklin Sts.
Two-story and basement steel frame and brick store, office and loft building.
Owner—H. C. Holmes, 2734 Elmwood Ave., Oakland.
Architect—Name withheld.
Contractor—M. P. Brasch, 506 American Bank Bldg., Oakland.

SAN JOSE, Santa Clara Co., Cal.—Architect A. H. Knoll, Hearst Bldg., San Francisco, has awarded a contract for painting to Missner & Christiansen and the marble to P. Grassi of San Francisco in connection with the alteration of a four-story brick office building on Second and Santa Clara streets, owned by Albert Kearns.

LOS ANGELES, Calif. — Archts. Schultz & Weaver, New York and Los Angeles (Biltmore Hotel, archts.) are preparing plans for a $1,750,000 11-story and basement class A office bldg. to be erected at NE. cor. 7th and Spring Sts. for a syndicate headed by Joe Toplitzky. Found. 105x120 ft.; Italian renaissance design.

TERRA BELLA, Tulare Co., Cal.—I. H. Althouse, superintendent of Terra Bella Irrigation District, is preparing plans for one-story tile, 28x44 ft., office building for district. Will contain concrete vault, 7½x10-ft.

COMPTON, Los Angeles Co., Cal.—Alexander Constr. Co., Huntington Park, has been awarded contract by the First National Bank of Compton, to erect the new two-story bank and office structure on Main St. Building will be 50x150 ft., of brick construction, with Bedford stone front. Cost, $100,000.

OAKLAND, Cal. — Active steps are under way today toward the erection of a $100,000 building in Oakland for a college to be conducted by the State Association of Chiropodists, following appointment at a meeting of the directors last night of a committee of five to select a site.

Already $25,000 has been raised in subscriptions from the members toward the project and work will be begun as soon as the site is chosen.

LOS ANGELES, Cal.—Archts. Morgan Walls & Morgan, 1124 Van Nuys Bldg., are completing plans for two mercantile bldgs. to be erected at s.e. cor. of 7th and Parkview Sts., for Spencer Thorpe. One will be 4-sto., 40x100 ft., and the other 2-sto., 130x70 ft.; they will contain stores and lofts; brick constr., stucco exter., cast stone trim, comp. rfg., steel sash, elevators, steel beams, gas. htg. Bids will be taken this week.

FRESNO, Cal.—Richard Emirzian, 1002 T St., Fresno, has started negotiations for the construction of a five-story business building, 75x100 ft. at corner of Invo and Van Ness Sts. Cost, $200,000. The proposed building will contain stores and offices.

LONG BEACH, Los Angeles Co., Cal.—The Columbia Outfitting Co. is having plans prepared for a $100,000, three story store building to be erected on a 50x150 ft., 99-year leased site at 9th St. and American Ave., Long Beach.

LONG BEACH, Cal. — J. D. Sherer, 1865 E. Anaheim Ave., Long Beach, has a contract to erect a $165,000, 5-story, store and office building at 200 E. First St., Long Beach, for Kent, Marshall & Belt. Horace Sherer prepared the plans. Nine stores and 66 offices. Foundation, 75x150 ft., concrete, steel and brick construction.

THEATRES

Preliminary Sketches Being Prepared.
STORE BLDG. Cost, $——
SAN MATEO, San Mateo Co., Cal.
Reinforced concrete store building.
Owner—E. Arkbush et al, San Mateo
Architect—Weeks & Day, Phelan Bldg., San Francisco.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Figured.
DEPOT Cost, $45,000
REDDING, Shasta Co., Cal., West side of track bet. Yuba and Tehama Sts.
Fireproof passenger depot.
Owner — Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—Architectural deyt. of owner

CULVER CITY, Cal.—See "Halls & Society Buildings," this issue.

TURLOCK, Stanislaus Co., Cal.—Until July 20, 7:30 p. m., bids will be rec. by A. P. Ferguson, city clerk, to const. public bath and bath house for which bonds of $20,000 were recently voted. Cert. check 10% req. with each bid. Horace Hall is city engineer of Turlock

SAN FRANCISCO—Louis R. Lurie 315 Montgomery St., San Francisco, will build a chain of stage line terminals from El Centro, near the Mexican border, to Portland, the project involving more than $3,000,000, according to a statement issued recently by Lurie. These buildings will be leased on long term to the Pickwick Corporation, which operates stage lines in California and Oregon, and of which Charles F. Wren is the president.

The chain of terminals contained in the Lurie contract starts at El Centro and extends through San Diego, San Juan Capistrano, Santa Ana, Anaheim, Los Angeles, Ventura, Santa Barbara, San Luis Obispo, Paso Robles, Salinas, Watsonville, San Jose, San Francisco, Sacramento, Red Bluff, Redding, Yreka in California, and Medford, Roseburg and Portland in Oregon.

SAN DIEGO, Cal.—City park commission is preparing to call for bids for the construction of the new fine arts building to cost $250,000, the gift of Mr. and Mrs. A. S. Bridges. The building will be erected in Balboa Park. W. Templeton Johnson, 502 Timken Bldg., Architect.

CARMEL, Monterey Co., Cal.—Peter R. Gadd, Forum Bldg., Sacramento, civil and contracting engineer, has completed plans for the development of a tract of land, approx. 25,000 acres, in Monterey County near Carmel for Geo. Gordon Moore, New York financier. The owner plans to develop all of the property for his own use, the land to be devoted to alfalfa, dairying and stock raising. Gadd's contract provides for the construction of eight miles of highway into the property, in addition to the construction of irrigation ditches, pumping plants, etc. Buildings costing $150,000 will be erected.

OAKLAND, Cal. — City council has been requested to include funds in the fiscal year budget for the following improvements: convenience station in down town district, $35,000; changes n city hall, $44,550; auditorium alterations and maintenance, $33,760; maintenance, repairs to fire buildings and fire alarm stations, $20,900; new fire buildings and sites, $197,600; completion of Market street pier, $78,500; Lake Merritt Wharf extentions, $71,000; additional improvements at Livingston street wharf, including construction of new wharf and sheds, $50,000.

SANTA CRUZ, Santa Cruz Co., Cal.—Until July 17, 9 A. M., bids will be rec. by S. A. Evans, City Clerk, for fur.:
6600 lin. ft. 4x10 Merchantable Redwood.
6600 lin. ft. 4x8 Merchantable Redwood.
20,000 ft. 2x2—10 or 20 ft. lengths Merchantable Redwood S. 1 S.
20,000 ft. 2x12—12 to 24 ft. lengths Merchantable Oregon Pine.
1000 lin. ft. 3x12 Merchantable Oregon Pine sized to 11¾.
All to be delivered f. o. b. Municipal Wharf, Santa Cruz. Delivery 30 days after award of contract.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants Exchange Bldg.:

D-651—Columbus, Ohio. Manufacturing concern wishes to get in touch with live-wire salesman capable of handling sales force, who can finance himself, to handle San Francisco territory.

D-653 — Hawaiian Islands. Party desires to get in touch with manufacturer of sanitary can machinery.

D-655—Newman, Calif. Party desires to get in touch with San Franciscans interested in establishing hardware store.

D-656—San Francisco. Inventor of machine wants to communicate with office manager with capital. Investment secured by orders.

D-657 — Garrettsville, Ohio. Party wants to purchase machinery for making syrup used in soda water, soft drinks, flavoring ice cream, etc.

7201—Netherlands. Firm which is interested in buying steel ships for scrapping purposes desires to communicate with interested parties.

7206—Halle A. Saale, Germany. Connection desired with local importers of electrical and other novelties; articles of glass, porcelain, hard rubber, and metal.

7219—London, England. Firm manufacturing rope products desires to get in touch with large hardware companies and ship chandlers who might be interested.

Official Proposals

NOTICE TO CONTRACTORS

(Stratford School District)

Notice is hereby given that the trustees of the Stratford School District, Kings County, California, will receive sealed bids for the erection and completion of a three-room brick school and toilet building and alterations in present building, in accordance with the plans and specifications prepared by Glass & Butner, Architects, Cory Bldg., Fresno, California.

Bids will be opened at the office of the Superintendent of Schools, Kings County, at a meeting to be held of the Board of Trustees, at **7 o'clock P. M., on July 17, 1923.**

All bids to be accompanied by a certified check on some solvent bank for 10% of the amount of the bid, made payable to the clerk of the school district on condition that said certified check shall be retained by the school district as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into a contract within five days after the award of said contract or fail to furnish the bonds in the amount of 75% of the contract price.

Plans and specifications may be obtained from the Superintendent of Schools, Kings County, California A deposit of $10 will be required for sets of plans.

The trustees reserve the right to reject any or all bids.

Signed:

MRS. ANNA NANCE,
Clerk of the Board of Trustees.
EDWARD B. HOEY
CONRAD ORTON
J. H. PHILLIPS
ELMER DOWNING,
Stratford School Dist., Kings County, California.

BIDS WANTED FOR SPECIAL FIXTURE AND FURNITURE

NOTICE TO CONTRACTORS

Modesto Junior College District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Modesto Junior College District, Stanislaus County, State of California, between **7:30 p. m. and 8:30 p. m., the 23rd day of July, 1923,** in the office of the Board Modesto High School Building, H Street, Modesto, Calif., for furnishing and installing special fixtures and furniture in the new Junior College Building being built in the City of Modesto, Stanislaus County, State of California, in accordance with plans and specifications made for the same by W. H. Weeks, the authorized architect, employed by the Board.

Plans and specifications may be obtained at the office of the architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or may be seen at the office of the Clerk of the Board of Trustees, High School Building, in the City of Modesto.

All bids should be presented on bid forms furnished by the architect. Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than Five Per Cent (5%) of the amount of the bid, made payable to Kathleen G. Prewett, Clerk of the Board of trustees of the Modesto Junior College District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to Miss Kathleen G. Prewett, Clerk of the Board of Trustees of the Modesto Junior College District, and endorsed: "PROPOSAL FOR SPECIAL FIXTURES AND FURNITURE FOR JUNIOR COLLEGE BUILDING."

The Board reserves the right to reject any and all bids. The Board reserves the right to waive any or all irregularities in the bids submitted.

Bids must be delivered to the undersigned Clerk of the Board at Modesto, at the time and place above stated, or any time up to the hour of opening of said bids.

KATHLEEN G. PREWETT,
Clerk of the Board of Trustees of the Modesto Junior College District, Modesto, Stanislaus County, California.

> A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate:** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

BIDS WANTED FOR FRAME SCHOOL ESTIMATED COST, $6,000

NOTICE TO CONTRACTORS

(West Side Union High School Dist.)

NOTICE IS HEREBY GIVEN THAT the Board of Trustees of the West Side Union High School District of Santa Clara County, California, will receive bids for the erection of a school building in said West Side Union High School District, of Santa Clara County, State of California, on the property lately acquired by said school district at the Northwest corner of Saratoga Road and Fremont Avenue, in said West Side Union High School District. The plans and specifications for the building may be secured by applying to the architect of same, E. L. Norberg, at his office, 407 Occidental Avenue, Burlingame, California, or at the office of Arch Wilson, Cupertino Store, Cupertino, California, or at the office of L. H. Vishoot, Sunnyvale Hardware Company, Sunnyvale, California. The work on said building must be performed according to said plans and specifications and completed in 35 (thirty-five) working days from the date of execution of contract for said building. A cash bonus of $20 (twenty dollars) will be paid contractor for each working day prior to date set, that building is completed and a like penalty is to be paid by the contractor for each working days that completion is delayed after date set. All bids must be accompanied by a certified check for 10% of the amount of the contract, and the Board of School Trustees reserves the right to reject any or all bids.

The bids may be sent to the Clerk of the Board, L. H. Vishoot, at Sunnyvale, California, **not later than 7:30 o'clock P. M., Monday, July 23rd, 1923,** or may be delivered to him in person at the office of the Bank of Italy, at Sunnyvale, California, on the same date up to 8:00 o'clock P. M., when said bids will be opened and considered by the Board of Trustees of said West Side Union High School District.

LEO H. VISHOOT,
Clerk of Board of School Trustees, West Side Union High School District, Santa Clara County, California.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Power House — Santa Clara County)

NOTICE IS HEREBY GIVEN THAT sealed proposals or bids will be received by the Board of supervisors of Santa Clara County, California, in their rooms in the Court House, in City of San Jose, up to **11 o'clock a. m., of Monday, August 6th, 1923,** for Power House for the Santa Clara County Hospital. Bids must be made out on blank forms furnished by the architects. Surety company bonds required. Plans obtained from Binder & Curtis, architects.

Each bid must be accompanied by a certified check in the sum of 10 per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk, as liquidated damages in case the successful bidder fails to file a satisfactory bond as required by said Board within 10 days for the faithful performance of the conditions of the Contract.

The Board reserves the right to reject any and all bids.

All bids must be addressed to A. L. Hubbard, Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids for the Power House."

By order of the Board of Supervisors of Santa Clara County.

Attest:

HENRY A. PFISTER, Clerk.
By Eugene M. Don, Deputy Clerk.

BIDS WANTED FOR STATE HIGHWAY BRIDGE

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock P. M., on August 6, 1923** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Riverside County, across Whitewater River near Whitewater (VII-Riv-26-D) a bridge composed of eight 54 foot reinforced concrete girder spans with concrete piers, abutments and wing walls, about 1975 feet of earth dykes with reinforced concrete slope paving, about one-half mile of approach roadway paved with Portland cement concrete and reinforced concrete pipe culverts through roadway and dykes.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the

blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: July 9, 1923.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock P. M., on August 6, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Santa Clara County, between five miles east of Gilroy and San Felipe (IV-SCl-32-A), about four and five-tenths (4.5) miles in length, to be graded and surfaced with gravel.

Plans may be seen and forms of proposal bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Worke, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: July 9, 1923.

NOTICE TO BIDDERS

(Pipe, Fittings, Etc.—Tracy, Calif.)

Sealed bids or proposals will be received by the City of Tracy, up to **8:00 o'clock P. M., July 19th, 1923,** for the furnishing and delivery of the following materials, to-wit:

One 8-foot, 4-inch W. I. Long Nipple.
2 Long Sweep 4-Inch W. I. 90 deg. Ells.
5 4-inch Iron Body Bronze seated square nut top, valves for 4-inch Threaded W. I. Pipe.
2 4-inch Square Nut Iron Body, Bronze seated Valves, with a 4-inch capped hose connection. 4 4-inch Malleable Iron Tees.
2 4-inch Malleable Iron Reducers.
2400 feet 4-inch W. I. Threaded and dipped pipe in random lengths.
48 6-inch by 4-inch Vitrified double strength wyes.
48 4-inch Vitrified Stoppers.
1900 feet 6-inch Vitrified Double strength salt-glazed sewer pipe.
3 24-inch cast iron manhole frames and covers without pans.

All bids must be based upon early delivery after acceptance of bid. All envelopes containing bids must be endorsed thereon "Bid for Furnishing Pipe and Fittings," and addressed to Geo. L. Frerichs, the City Clerk, Tracy, Cal.

The Board of Trustees hereby reserves the right to reject any and all bids.

Done by order of the Board of Trustees of the City of Tracy, this 21st day of June, 1923.

GEORGE L. FRERICHS,
Clerk of the City of Tracy.
(SEAL)
By EDITH FRERICHS, Deputy Clerk.

NOTICE TO CONTRACTORS

(Concrete Roads — San Diego, Calif.)

Sealed proposals, indorsed "Proposals for Road, San Diego, Calif., Specification No. 4844," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., July 25 and then and there publicly opened for concrete road with curbs, catch basins and drains at the naval operating base (training station), San Diego, Calif. Drawing and specification No. 4844 may be obtained upon application to the bureau or to the public works officer, U. S. N., San Diego, Calif. Deposit of a check or postal money order for $10, payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawing and specification. L. E. GREGORY, chief of bureau.

NOTICE TO BIDDERS

(Screens, Transoms, Etc., San Diego, Calif.)

Sealed proposals, indorsed "Proposals for Screens, San Diego, Calif., Specification No. 4870," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., July 25 and then and there publicly opened for screens for doors, windows and transoms at the naval operating base (hospital), San Diego, Calif. Drawings and specification No. 4870 may be obtained on application to the bureau of yards and docks or to the public works officer, U. S. N., San Diego, Calif. Deposit of a check or postal money order for $10, payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, chief of bureau.

NOTICE TO CONTRACTORS

(Concrete Roads, Etc., San Diego)

Sealed proposals indorsed "Proposals for Roads and Walks, San Diego, Calif., Specification No. 4871," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. July 25 and then and there publicly opened for concrete roads and walks, with gutters, curbs, catch basins and drains at the naval operating base (hospital), San Diego, Calif. Drawings and specification No. 4871 may be obtained upon application to the bureau or to the public works officer, U. S. N., San, Diego, Calif. Deposit of a check or postal money order for $10, payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, chief of bureau.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on July 23, 1923,** at which time they will be publicly opened and read, (1) for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

(1) Del Norte County, a bridge 100 feet long and 21 feet wide between curbs across Wilson Creek near Requa (I-DN.-1-A&B) consisting of two 30 foot and two 20 foot reinforced concrete girder spans supported on reinforced concrete bents.

(2) For cleaning and painting in accordance with the specifications therefor, to which special reference le made, portions of State Highway as follows:

San Benito County, a bridge over the San Benito River, about 3 miles north of San Juan Bautista (V-S. Bt.-2-A).

San Benito County, a bridge over the San Benito River, near Hollister (V-S. Bt.-22-A).

San Luis Obispo County, a bridge over the San Luis Obispo Creek, near Miles Station (V-S.L.O.-2-E).

Santa Barbara County, a bridge over Los Alamos Creek, about 7 miles west of Los Alamos (V-S.B.-2-B).

Monterey County, a bridge over the Salinas River near Nacimiento (V-Mon-2-I).

San Luis Obispo County, a bridge over San Marcos Creek about 2 miles south of San Miguel (V-S.L.O.-2-A).

San Luis Obispo County, a bridge over Paso Robles Creek, about 2 miles south of Templeton (V-S.L.O.-2-B).

Santa Barbara County, a bridge over the Santa Maria River, about 2 miles north of Santa Maria (V-S.B.-2-A).

Santa Barbara County, a bridge over the Santa Ynez River about 6 miles south of Zaca (V-S.B.-2-D).

Santa Barbara County, a bridge over Dos Pueblos Creek near Naples (V-S. B.-2-G).

Plans may be seen and forms of proposal bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done etc

The Department of Public Works acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated June 25, 1923.

BIDS WANTED FOR PIERS AND WHARF

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for Piers and Wharf, Pearl Harbor, Hawaii, Specification No. 4799," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., August 8, 1923, and then and there publicly opened , for two piers and a wharf, all of reinforced concrete; the small pier 18 feet wide by 335 feet long, the large pier 26 feet wide by 360.5 feet long and the wharf 28.5 feet wide by 260 feet long. The piers and wharf will have reinforced concrete deck, precast reinforced concrete piles and composite piles, creosoted timber fender and dolphin piles, and timber fender system. Cleats, bitts, tracks and electric conduits will be included. No dredging is included. Drawings and Specification No. 4799 may be obtained on application to the Bureau, to the Commandant, Navy Yard, Mare Island, Calif., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, May 25, 1923.

Engineering News Section

BRIDGES

REDDING, Shasta Co., Cal.—M. C. Polk, Chico, at $11,750, awarded contr. by supervisors to rein. conc. girder bridge over Big Hatchet Creek in Redding-Alturas lateral of state highway. Other bids: Wm. Stephens, Redding, $13,194; Thompson and Berlinger, Orland, $19,360; S. Severtson, Anderson, $15,065; Geo. H. Wilson, Jr., Dunsmuir, $12,585.

Polk also awarded cont. at $2734 to const. rein. conc. girder bridge over Roaring Creek on Montgomery Creek and Big Bend wagon road. Other bids: Wm. Stephens, $2775; Thompson & Berlinger, $3850; S. Severtson, $3000.

Wm. Stephens, Redding at $6793 awarded cont. to construct rein. conc. girder bridge over Little Hatchet Creek on Redding-Alturas lateral of state highway. Other bids: Thompson & Berlinger, $10,400; S. Severtson, $7880; M. C. Polk, $6974; Geo. H. Wilson, Jr., $8113.

DEL NORTE CO., Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, July 23 to const. bridge 100-ft. long and 21-ft. wide, bet. curbs across Wilson creek near Requa, Del Norte county, to consist of 2 30-ft. and 2 20-ft. rein. conc. girder spans supported on rein. conc. bents; project involves 207 cu. yds. class A Port. cem. conc. in place and 37,000 lbs. rein. steel. R. M. Morton, state highway eng.

SAN RAFAEL, Marin Co., Cal.—S. P. Brownlee, San Rafael, at $6492 awarded cont. by supervisors to const. rein. conc. bridge over Nicasio creek near Black Mountain. Other bids: McDougall & Son, $8766; — Gates, $7850; W. L. Proctor, $6990; Cochrane and Boehm, $10,000.

SANTA BARBARA, Cal.—County Eng Owen O'Neill has completed surveys for 7-mi. highway bet. Lompoc and Harris. Project includes $60,000 bridge over Santa Ynez River.

RIVERSIDE COUNTY, Calif.—Until Aug. 6, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. bridge in Riverside county, across Whitewater River near Whitewater; composed of eight 54-ft. rein. conc. girder spans with conc. piers, abutments and wing walls, approx. 1975-ft. earth dykes with rein. conc. slope paving; approx. one-half mile of approach roadway paved with Port. cem. conc. and rein. conc. pipe culverts through roadway and dykes. R. M. Morton, state highway engineer.

See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—County supervisors instructed to prepare plans for bridge on Buena Vista road in Rd. Dist. No. 1. Henry A. Pfister, county clerk.

WOODLAND, Yolo Co., Cal. — J. L. Webster, Sequoia & Alganqun Sts., Chico, at $41,230 submits low bid to supervisors to construct reinforced concrete bridge over Putah Creek between Davis and Winters, construction to be financed by Solano and Yolo counties. Other bids: Jenkins and Elton $41,750; Davison and Nicolsen, $46,700; Hannah Bros., $52,500; C. A. Bruce, $53,800.

FRESNO, Fresno Co., Cal.—Election will be called in December to vote bonds of $15,000 to finance construction of three bridges over Dry Creek, within city limits. Wm. Stranahan, city eng.

LOS ANGELES, Cal.—Until 11 a. m., July 30, bids will be rec. by supervisors to const. bridge on Long Beach Blvd. over Los Angeles river. Plans and spec. on file at the office of the county supervisors. Cert. check or bond 10%.

SAN MATEO COUNTY, Calif. — J. Shepherd, Yosemite Bldg., at $49,012 awarded cont. by State Highway Comm. to construct rein. conc. girder bridge on Crystal Springs dam in San Mateo county, involv. 1300 cu. yds. class A and 100 cu. yds. class C Port. cement conc.; 275,000 lbs. rein. steel.

NAPA, Napa Co., Cal.—Harry Thorsen, St. Helena, at $4698 awarded cont. by supervisors for two rein. conc. deck bridges on Dry Creek rd.; one near Schulte ranch and another approx. 1 mi. north of junction of Dry Creek and Oakville roads. Other bids: Botman and Hendrickson, $8718; Bordwell and Zimmerman, $6341; James E. Johnson, $5989.

SANTA ROSA, Sonoma Co., Cal.—Until Aug. 14 12 m. bids will be rec. by W. W. Felt, Jr., county clerk, to const. steel truss bridge over Austin creek at Watson Station, 5th Supervisorial District, involv. 146 cu. yds. concrete; 36 tons structural steel; 21,000 b. m. timber. Total est. cost, $12,500.

LOS ANGELES, Cal.—Until 11 a. m., July 30, bids will be rec. by supervisors to const. bridge on Long Beach Blvd. over the Los Angeles river, about 2 mi. south of Compton. Plans on file at office of supervisors. Cert. check or bond 10%. Bridge will consist of 2 structures, side by side, each with a 20-ft. roadway, comprising a total of 18 60-ft. wooden trusses, with piers and abutments on creosoted piles; involv. 500,000 ft. B.M. lumber, 426 creosoted piles 40 ft. long. County will furnish all piles and all top and bottom chord members for the trusses. Cost bet. $90,000 and $100,000.

DREDGING, HARBOR WORKS AND EXCAVATIONS

BIDS OPENED

SACRAMENTO, Cal.—Tieslau Bros., 2814 Grove St., Berkeley, at $92,880.60 submits low bid to city commissioners to const. 4-in. conc. revetment with head and toe walls on water slope of Sacramento river near Sutterville Levee. Other bidders were:

Nystedt & Frederickson, Stockton $118,630.20
McGillivray Const. Co., Sacramento 154,369.08
Frederickson & Shannon Fresno 106,456.60
General Const. Co., S. F..... 121,852.08

Byrne and Yost, of Sacramento, bid $27,918.56 for lower division only.

CARMEL, Monterey Co., Cal. — See "Miscellaneous Building Construction," this issue.

BIDS OPENED

MERCED, Merced Co., Cal. — John Phillips, P. O. Box 344, Sacramento, at $.17 cu. yds. for earthwork, total $10,371.02, awarded contract by Merced Irrigation District, R. C. Garrett, ch. eng., for Lingard lateral, and at $.17 cu. yd. total $10,429.67 for earthwork on Lateral No. 9.

Following is complete list of bids received: (1) price per cu. yd. for earthwork; (2) price per sta. yd. overhaul; (3) total bid.

Lingard Laterals

J. L. Franklin, (1) $.31, (2) $.03, (3) $18,911.86.
Isbell Const. Co., (1) $.33½, (2) $.04, (3) $19,826.95.
M. J. Treastor, (1) $.22; (2) $.03; (3) $13,421.32.
C. R. Adams, (1) $.23, (2) $—, (3) $14,031.38.
C. W. Wood, (1) $.33, (2) $.05, (3) $20,131.98.
Tieslau Bros., (1) $.234, (2) $.03, (3) $14,275.40.
—Towler, (1) $.19, (2) $—, (3) $11,591.14.
Carlson Bros., (1) $.24½, (2) $.30, (3) $14,946.47.
John Phillips (1) $.17, (2) $—, (3) $10,371.02.

Lateral 9

Phillips (1) $.17. (2) $—, (3) $10,429.67.
Adams, (1) $.19, (2) $—, (3) $11,656.69.
Treastor (1) $.27½, (2) $.03, (3) $16,871.53.
Tieslau (1) $.27, (2) $.03, (3) $16,564.77.
Isbell (1) $.32½, (2) $.05, (3) $19,939.08.
Vernon (1) $.39, (2) $.05, (3) $23,926.89.
Carlson (1) $.25, (2) $—, (3) $15,337.75.

OAKLAND, Cal.—City Harbor Commission will seek appropriation of $35,000 to dredge quay wall in Oakland Harbor. Ralph Beebee, city harbor eng.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, appropriates $50,000 from General Fund to finance purchase of supplies and materials for operation of pile driver, dredger, wharves and other equipment. Ralph Beebee, harbor engineer.

IRRIGATION PROJECTS

OAKDALE, Stanislaus Co., Cal. — Election will be called shortly in Oakdale Irrigation District to vote bonds of approx. $300,000 for improvements, summarized as follows:

Complete piping of town main lateral through city of Oakdale by extending 36-in. conc. pipe, distance of approx. 3400 ft. at $4, $13,600.

Pipe lower 2790 ft. of Crane lateral, 30-in. conc. pipe at $2.40, $6696.

Deepen and straighten Lone Tree Creek, approx. 10-mi. by excavating 47,750 cu. yds. at $.15, $7164.

Extend conc. pipe lines and laterals by replacing old steel pipe lines, $8040.

Enlarge laterals by enlarging present earth sections or concrete lining and enlargement or replacement of flumes and other structures on laterals $25,000.

Drainage extension by deepening and extending drainage system and providing drainage for other lands affected together with deepening of surface water outfall drainage channels, $25,000.

Total for improvements, enlargement of laterals and drainage, $85,000. General summary of costs: enlargement of south main canal, $153,750; enlargement of North Main Canal, $46,-

Engineers and Contractors
PLEASE NOTE
We are FACTORY distributors
—for—
MILBURN CARBIDE FLARE LIGHTS
for Night Work 500 - 12,000 c. p.
Economical and Efficient
MILBURN OXY-AVETYLENE WELDING AND CUTTING APPARATUS
for Repairing and Construction
Let us send you full information
E. D. BULLARD
268 Market St., San Francisco
Phone Douglas 6320-Doug. 6321

250; permanent improvement, enlargement of laterals and drainage, $85,000; engineering and contingencies, $15,000. Grand total, $300,000.

CARMEL, Monterey Co., Cal. — See "Miscellaneous Building Construction," this issue.

PORTERVILLE, Tulare Co., Cal. — Vandalia Irrigation District was organized at a recent election. Directors elected are: J. B. Job, H. R. Matzke, W. B. Emery, F. F. Heydenfeldt and J. A. Althouse A bond election will be called shortly to finance the construction of works in the district

LIGHTING SYSTEMS

SANTA BARBARA, Cal.—Chamber of Commerce plans to illuminate State St., bet. Ocean Front and Mission St.

MODESTO, Stanislaus Co., Cal.—Construction will be started shortly on the proposed $100,000 hollow tile church to be erected on a site bordering on H. I. and Sixteenth streets, for the Methodist Episcopal Church. Preliminary drawings for the buildings having been approved. Three buildings will be erected, the auditorium (church proper) seating 1200; a Sunday school building and a social hall.

OAKLAND, Cal. — Appropriation of $25,000 is sought in budget to finance installation of lighting system around Lake Merritt. Standards will be financed by private subscription. E. K. Sturgis, city clerk.

LOS ANGELES, Cal.—Until 11 a. m., July 30, bids will be rec. by supervisors to const. lighting system in County Imp Dist. No. 4. Plans on file at office of the county supervisors. A. M. McPherron, deputy county clerk.

MACHINERY & EQUIPMENT

SALINAS, Monterey Co., Cal.—Until July 16, 6 p. m., bids will be rec. by Chas. Charles, clerk, Castroville Union School District, for fur. and del. one 35-passenger auto bus; fully equipped with electric starter, lights, breaks, extra tire, etc. Further information obtainable from clerk.

SALINAS, Monterey Co., Cal.—Until July 16, 6 p. m., bids will be rec. by Edwin Taylor, clerk, Parkfield School District, for fur. and del. one 18-passenger auto bus; fully equipped with electric starter, brakes, extra tire, lights, etc.

SALINAS, Monterey Co., Cal.—Until July 16, 6 p. m., bids will be rec. by M. W. Wiley, clerk, San Ard School District, for fur. and del. 18-passenger auto bus; fully equipped with electric starter, lights, brakes, extra tire, etc.

LOS ANGELES, Cal.—Brown-Bevis Co., 422 E 3rd St., awarded cont. by public service comm., at $8100 for trench excavating machine under spec. 677-A.

LOS ANGELES, Cal. — Rosenberg Bros. & Co., submitted low bid to harbor comm., at $3789 for fur. hoisting engine with boiler under spec. 486. Other bids were: Smith-Booth-Usher Co., $4307; with alt. $4517; Barfield & Co., $4375; Brown-Bevis Co., $4460; C. A. Beckgrove, $5260.

OAKLAND, Cal.—City Street Department seeks $70,000 appropriation in budget for establishment of new corporation. E. K. Sturgis, city clerk, and W. W. Harmon, city eng.

LOS ANGELES, Cal.—N. O. Nelson Mfg. Co., 724 Terminal St., submitted low bid to harbor comm. at $1257.50 for motor driven pipe machine under spec. 487. Other bids were: Stallman Supply Co., $1480; Smith-Booth-Usher Co., $6688.15.

LOS ANGELES, Cal.—Chas. A. Beckgrove sumbitted only bid to harbor comm. at $1750 for steam hammer for pile driver under spec. No. 484.

OAKLAND, Cal.—City Street Department seeks appropriation of $18,000 in budget to finance purchase of equipment. E. K. Sturgis, city clerk, and W. W. Harmon, city eng.

SAN FRANCISCO—Until July 25, 12 M., bids will be rec. by F. W. Taylor, Purchasing Agent, Southern Pacific Co., S. P. Bldg., for fur. and del. electric motors which may be required during year beginning July 15, 1923 and ending July 14th, 1924 Motors to be delivered f o. b. factory, at places designated by bidder, at times required by S. P. Company. Further information on request.

SAN JOSE, Santa Clara Co., Cal. — Until July 23, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for fur. and del. one 3½-ton Kleiber truck with platform stake body. Further information obtainable from clerk.

WASHINGTON, D. C.—See "Government Work and Supplies," this issue. Various supplies, traveling crane and machinery.

SANTA BARBARA, Cal.—County supervisors have called for bids, to be in July 27, for sites near Santa Maria, suitable for establishing an asphalt plant. Owen O'Neill, county surv.

SAN JOSE, Santa Clara Co., Cal. — Until July 23, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for fur. and del. one 7-ton Lee trailer without body. Further information obtainable from clerk.

RIPON, San Joaquin Co., Cal.—Until July 19, 1 p. m., bids will be rec. by Ira T. Martin, clerk, Ripon Union High School District, for fur. one enclosed school bus, seating 30 pupils; chassis rated not less than 1¼-tons and not less than 150-in. wheel base; body length, 14-ft., 9-in. width not to exceed 6-ft. 4-in. all outside dimensions. Windows of drop type; equipped with signal gong. Prices to be f. o. b. Ripon, Calif. Further information obtainable from clerk.

LOS ANGELES, Cal.—Until 2:30 p. m. July 27, bids will be rec. by harbor comm., 312 Byrne Bldg., for 40-ton saddle back locomotive No. 2 under spec. 494. Guy W. Wade, secy.

OAKLAND, Cal.—City Harbor Commission will seek an appropriation in fiscal year budget of $50,000 to finance purchase of tug boat. Ralph Beebee city harbor eng.

RAILROADS

TUCSON, Ariz.—Geo. B. Singleton has been awarded a sub-contract for certain grading and other work in connection with the construction of the S. P. Ry. of Mexico, bet. Tepic and La Quamada, for which Utah Constr. Co. has the contract.

SAN FRANCISCO—Until July 23, 12 M., bids will be rec. by F. W. Taylor, Purchasing Agent, Southern Pacific Co., 65 Market St., San Francisco, for sale of the following materials: 5 track miles first class 60, 61½ or 62 lb. relaying steel rail with available second-hand angle bars weighed in. Any new angle bars required for above rail; materials to be delivered f. o. b. s. P. tracks, Portland, Ore. Delivery during August, September and October, 1923. Further information on request.

MEXICALI, Mex.—Until 1 p. m., July 31, bids will be received by the director of National Railways of Mexico, in Lower California, at the Government Palace Bldg., Mexicali, to const. first section of roadbed for the line to the Gulf of California. This section is 56 56 kilometers, or approx. 34.72 mi., connecting Pascualitos and El Cerro del Mayor. Cert. chk. 5%. Plans and spec. may be obtained from railways offices, Capitol Bldg. The principal quantities involved are approx. as follows: 40 Hectares clearing and grubbing; 37,044 cu. meters earth excav.; 43,510 cu. meters loose rock excav.; 33,333 cu. meters solid rock excav.; 21,981 cu. meters volcanic rock; 404,540 cu. meters embank. (formation of bank and free haul); 181,458 cu. meters earth borrow (10-ft. berm); 59,460 cu. meters loose rock borrow (10-ft. berm; 1090 cu. meters solid rock borrow; 391,480 cu. meters overhaul, one station of 20 meters. The limit of free haul is 250 meters from center to center of masses. Bids shall be figured in Mexican or United States currency and computations based on the two-day pay system. Cert. chk. payable to the treasurer of the Northern District of Lower California's government, 5%. Plans and spec. for the remainder of the route to the gulf are under way.

LOS ANGELES, Cal.—Until 2:30 p. m. July 27, bids will be rec. by harbor comm., 312 Byrne Bldg., Los Angeles for track materials under spec. 493. Guy W. Wade, secy.

FIRE EQUIPMENT

TULARE, Tulare Co., Cal.—City will ask bids immediately for purchase of bonds of $50,000; proceeds of sale to finance purchase of fire fighting equipment.

SANTA CLARA COUNTY, Calif.—Until Aug. 6, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with gravel 4.5 mi. of highway in Santa Clara County, bet. five miles east of Gilroy and San Felipe. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

FRESNO, Fresno Co., Cal.—City commission will call election in December to vote bonds of approx. $26,000 to finance purchase of two pumping engines for fire department. If bonds fail to carry, purchase will be made through general fund.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

MISCELLANEOUS SUPPLIES

MERCED, Merced Co., Cal.—Until July 23, 10 a. m., bids will be rec. by P. J. Thornton, county clerk, for fur. Natural Crude Oil of 14 gravity and not less than seventy-five per cent of asphalt.

Twelve cars of 300 barrels each and delivered f. o. b. at Livingston and Arena, Merced County.

Further information obtainable from clerk at Merced.

LOS ANGELES, Cal.—Until 3 p. m., July 10, bids ill be rec. by public service comm., 207 S Bdwy., for lead service pipe as follows: 1200 pcs. ½-in. (18-in lengths); 3600 pcs. ¾-in. (18-in. lengths); 1600 pcs. 1-in. (24-in. lengths) Spec. 679-B. Jas. P. Vroman, Secy.

RESERVOIRS AND DAMS

MERCED, Merced Co., Cal. — Bids have been ordered received by the directors of the Merced Irrigation District to construct Exchequer dam, the cost of which will run between $3,000,000 and $4,000,000. Will be approx. 320 ft. high with reserve capacity of 3000 ac. ft. of water. Bids will be opened on or about August 3rd. Starr, Thebo and Anderton, Sharon Bldg., San Francisco, consulting engineers. R. C. Starrett, ch. eng. for district.

PIPE LINES, WELLS, ETC.

ONTARIO, Cal.—Busch Pipe & Supply Co., Los Angeles, submitted low bid to city trustees for pipe as follows: 2500 ft. in black pipe at $64 per 100 ft; 2500 ft. 2-in. black pipe at $20.30 per 100 ft.; 300 ft. ¾-in. galv. pipe at $8.20 per 100 ft. Pacific Pipe & Supply Co. bid $106.60 4-in.; $37.06 2-in.; $10.83 ¾-in. Richmondson Mfg. Co. bid $20.33 2-in.; and $8.21 ¾-in.

LOS ANGELES, Cal.—Until 2:30 p. m. July 20, bids will be rec. by harbor comm., 312 Byrne Bldg., for pipe and fittings under spec. 495. Guy W. Wade, secretary.

LOS ANGELES, Cal.—See "Streets & Sewers," this issue. Concrete Sewer Pipe.

SEWAGE DISPOSAL PLANTS

ORANGE, Cal.—It is proposed to vote a $200,000 bond issue to cover the cost of this city's participation in the "Four City Pact" sewage disposal system. Santa Ana has voted $500,000; Anaheim $300,000 and Fullerton, $200,000.

BEVERLY HILLS, Cal.—The $140,000 sewer bond issue carried at the election July 6. The issue will provide for sewer mains, laterals, treatment plant, disposal works, machinery, etc.

HOLLISTER, San Benito Co., Cal.—City trustees sell $48,000 bond issue to finance construction of septic tank and sewer extensions.

MISCELLANEOUS CONSTRUCTION

BEVERLY HILLS, Cal.—The $25,000 bond issue for municipal incinerator carried at election held July 6.

MERCED, Merced Co., Cal.—J. W. Huffman, of Merced, representing the Atlas Rock Co., operating near Oakdale, announces the company will spend approximately $75,000 in establishing a plant near Snelling on the Yosemite Railroad.

WATER WORKS

GLENDALE, Cal.—Sprado Engineering Co., 704 American Bank Bldg., Los Angeles submitted low bid to council at $1380 for one 10-in. centrifugal pump of 3000-gal. capacity against 320-ft. head. Other bids were: Smith-Booth-Usher Co., $2040; Byron Jackson Company, $2250; Worthington Co., $2489; American Pump Co., $2390; Allis Chalmers Co., $2650; United Iron Wks., $3210; Pelton Water Wheel Co. (12-in. pump) $4380. Bids for 350 h. p. motor received at same time were: General Elec. Co., $2037; Allis-Chalmers Co., $2555; Westinghouse Elec. Co., $2676; without starter, $2055.

MARYSVILLE, Yuba Co., Cal.—City Mgr. J. O. Wanzer is taking estimates for the instaallation of a pump for the Ellis Lake water supply; will cost approx. $1000.

MONROVIA, Cal. — Citizens propose to call a bond election to vote on a $60,000 bond issue for enlarging the city water system.

CARMEL, Monterey Co., Cal. — See "Miscellaneous Building Construction," this issue.

GILROY, Santa Clara Co., Cal. — Election will be called shortly by city trustees to vote bonds of approximately $90,000 to finance improvements to water system. Henry B. Fieher, engineer, Growers' Bank Bldg., San Jose.

SAN FRANCISCO—See "Machinery & Equipment," this issue. Motors.

BEVERLY HILLS, Cal.—The $400,000 bond issue for a municipal water system including water rights, reservoirs, tanks, distributing lines, pumping plants, etc., carried at the election held July 6.

PLAYGROUNDS & PARKS

SELBY, Contra Costa Co., Cal. — Standard Fence Co., 60th and Lowell Sts., Oakland, at $1042.20 awarded contract by Selby School District to const. approx. 800 ft. of wire fence at school grounds. West Coast Wire and Iron Wks., San Francisco, only other bidder at $1642.46.

TURLOCK, Stanislaus Co., Cal.—See "Miscellaneous Building Construction," this issue. Bath house and pool.

MERCED, Merced Co., Cal.—Election will be held in September to vote bonds of $25,000 to finance park improvements on Bear Creek.

SEWERS AND STREET WORK

YUBA CITY, Sutter Co., Cal.—Dennis Const. Co., McMinville, Ore., at $148,327, asph. conc. pavement, awarded contract by Joint Highway District No. 3, State of California (Sacramento and Sutter Counties) to const. 7.414 mi. Elkhorn section, in Sacramento county and 8.188 mi. of Verona section, Sutter county, at $172,750 for the same type of pavement.

J. F. Knapp, Turlock, at $205,118, for concrete pavement, awarded cont. to pave Tudor section.

C. W. Deterding, Jr., Courthouse, Sacramento, engineer.

SOUTH PASADENA, Cal.—Until 5 p. m., July 23, bids will be rec. by city trustees to imp. under 1911 Act:

Magnolia St., bet. Meridian and Fremont Aves.; grade and pave with 3-in. crushed rock and oil; const. conc. gutters, walks, curbs, 6-in. vit. pipe hse. sewers.

Oak Hill Ave., bet. Monterey Rd. and Jennie Bell Ave., grade and pave with 2-in. crushed rock and oil; const. cem. gutter, curb. Nettie A. Hewitt, city clk.

OAKLAND, Cal.—City Street Department seeks following appropriations in budget for improvements:

Yerba Buena avenue sewer, $208,000; opening of 20th St., $125,000; pave (city portion) of E-14th St., $100,000; 7th St. outlet sewer, $103,500; Fruitvale Ave., storm sewer, $70,000; Piedmont outlet sewer, $40,000; Skyline Blvd. extension $37,500; pave portion of Foot Blvd. $14,000; Fruitvale avenue sanitary sewer, $15,000; 10th St. extension, $55,000; Elmhurst district storm sewer $85,000; Jefferson St. opening $75,000; opening of 15th St. $2,000. E. K. Sturgis, city clerk and W. W. Harmon, city engineer.

SAN Jose, Santa Clara Co., Cal.—Council, J. J. Lynch, city clerk, declares inten. to imp. 23rd St., bet. Santa Clara and William, involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. gutter and curb; hyd. conc. walks. 1911 Act and Bond Act 1915. Protests July 3. Wm. Popp, city engineer.

HUNTINGTON PARK, Cal. — City trustees declare inten. to imp. Rita Ave bet. Randolph St. and Irvington Ave., grade and pave with 5-in. asph. conc. const. conc. gutter; 1911 Act. H. H. Hunter, clerk.

PETALUMA, Sonoma Co., Cal. — Wood and Sylva, Petaluma, awarded cont. by council to imp. 5th St., bet. B and F Sts., involv. excavation, $.60 cu. yd.; stand. oil macadam pave, $.09⅓ sq. ft.; conc. curb and gutter, $1.05 lin. ft.

HERMOSA BEACH, Cal. — Until 8 p. m., July 17, bids will be rec. by city trustees to imp. Summit Ave., between E First St. and Manhattan Ave. and portions of Manhattan Ave., by const. 5½-ft. walk, class A curb, 7½-ft. gutter, 16 monuments; 1911 Act. B. F. Brown, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—W. A. Caplatzi, 14 Cathcart St., Santa Cruz, at $1441.23 awarded cont by council to sewer Alta Ave., involv. 927.72 lin. ft. 6-in. vit. sewer, $1.30 lin. ft.; 36 6-in. wyes, $.70 lin. ft.; 3 brick manholes, $210 each

ANAHEIM, Cal.—Until 8 p. m., July 12, bids will be rec. by city trustees to const. joint outfall sewer. Plans, spec. etc., may be obtained upon payment of $5. Edw. B. Merritt, city clerk.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. portions of Herzog St., bet. 59th and 61st Aves., involv. grade; const. conc. curb and gutter; oil macadam pavement. 1911 Act. Protests July 26. W. W. Harmon, city engineer.

SAN DIEGO, Cal.—City Engr. F. A. Rhodes completes plans to pave Elm St., bet. 30th and Bancroft Sts. and 31st St., bet. Grape and Cedar, involv.: 11,161 cu. yds. excav.; 9908 cu. yds. embank.; 22,699 sq. ft. walk; 4874 lin. ft. lin. ft. curbs; concr. culvert, drain, 160 ft. trestle bridge.

MADERA, Madera Co., Cal.—County supervisors petitioned to grade Madera Ave., from city limits of Madera to Skaggs bridge in addition to the Dixieland road and River road. Taken under advisement. J. O. Rue, county surv.

HUNTINGTON BEACH, Cal.—Until 8 p. m., July 23, bids will be rec. by city trustees to imp.: Ocean Ave. through the city of Huntington Beach, involv. 711,300 sq. ft. 4-in. asph. conc. base; 711,300 sq. ft. 2-in. Willite plastic composition wearing surface; 23,800 cu. yds. excav. for pavement; 1395 cu. yds. excav. for storm sewers; 470 lin. ft. half round culvert and 875 lin. ft. 12-in. conc. culvert pipe; one manhole; 8 drop chambers, 7 catch basins, complete; 90 ornam. lamp posts. Louis F. Gates, city engr. W. R. Wright, clerk.

GLENDALE, Cal.—Until 7 p. m., July 19, bids will be rec. by council to imp. Dryden St., involv. 812 lin. ft. grading; 81 lin. ft. cem. curb; 80 sq. ft. cem. walk; 27,878 sq. ft. 3-in. macad. pavement; 210 sq ft. conc. gutter; 917 lin. ft. 6-in. c i. pipe

Alexander and Milford Sts., involv. 3100 lin. ft. grading; 100,020 sq. ft. 3-in. macad. pavement; 3130 lin. ft. 4-in. c. i. pipe.

SAN MATEO, San Mateo Co., Cal.—City trustees, E. W. Foster, clerk, declare inten. to imp. portions of Cypress, Tilton, Mt. Diable Aves., etc., involv.: grade; pave with 5-in. hyd. cem. conc; const. hyd. cem. conc. curb; 6-in. vit. pipe main sewers and 4-in. vit pipe lateral sewers; conc. catchbasins and br. manholes; 12-in. vit pipe drains, etc. 1911 Act. Protests July 23. G. Stanley Whitehead, city eng.

FRESNO, Fresno Co., Cal. — Until July 19, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. Thomas Ave., bet. Portheamp and pt. 287 ft. west, involv. grading; const. conc. curbs and gutters; cem. walks; pave with 3½-in. asph. conc. base and 1½-in. asph. conc. top course and liquid asphalt and rock screening surface coat; 6-in. Port. cem. conc. pavement for alley approaches. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

WOODLAND, Yolo Co., Cal.—Until July 23, 10 a. m., bids will be rec. by H. R. Saunders, county clerk, to const. Prefix 8, Sec. B of county highway system, involv.

(Item 1). 2850 cu. yds. earthwork without classification.

(2). 40 lin. ft. corru. metal pipe, 12-in.

(3). 40 lin. ft. corru metal pipe, 24-in.

(4). 10 cu. yds. Port. cem. conc. class B (headwalls)

(5). 200 lbs rein. steel bars.

(6). 128,000 sq. ft. Port. cem conc. pavement, class A 6-in. increasing to 7½-in. outside 2-ft.

(7). (Alternate for item 6) 128,000 sq. ft. asph. conc. pavement, class A, 5-in. 2-course.

(8). (Alternate for item 6) 128,000 sq. ft. asph. conc. pavement, class B, 5-in. 1-course.

(9). (Alternate for item 6) 128,000 sq. ft. asph. conc. pavement, 5-in. 2-course.

Spec. obtainable from county surveyor, Asa. G. Proctor, on deposit of $5, returnable.

WOODLAND, Yolo Co., Cal. — Until July 23, 10 a. m., bids will be rec. by H. R. Saunders, county clerk, to const. Prefix 5, section A, of county highway system involv.:

(Item 1). 6300 cu. yds. earthwork without classification.

(2) 164 lin. ft. corru. metal pipe 12-in.

(3) 25 cu. yds. Port. cem. conc. class B (headwalls).

(4) 400 lbs. reinforcing steel bars.

(5) 127,664 sq. ft. Port. cem. conc. pavement, class A 6-in. increasing to 7½-in. in outside 2-ft.

(6) (Alternate for item 5) 127,664 sq. ft. asph. conc. pavement, class A, 5-in. 2-course.

(7) (Alternate for item 5) 127,664 sq. ft. asph. conc. pavement, class B, 5-in. 1-course.

(8) (Alternate for item 5) 127,664 sq. ft. asph. conc. pavement, class C, 5-in. 2-course.

Spec. obtainable from County Surveyor Asa G. Proctor, on deposit of $5 returnable.

OAKLAND, Cal. — Council, E. K. Sturgis, city clerk, declares intention to imp. 22nd St., bet. E-28th and E-32nd Sts.: Grade; const. conc. curb and gutter; oil macadam pavement; cem. walks 1 corru. iron and conc. culvert with 2 c. i. handholes; 1 br. manhole with c. i. top; 2 br. catchbasins; 2 10-in. vit. pipe conduits. 1911 Act. Protests July 26. W. W. Harmon, city engineer.

AUBURN, Placer Co., Cal. — Until July 25, 8 p. m., bids will be rec. by city trustees to imp. various sts., involving 61,600 sq. ft. grading; 61,600 sq. ft. 5-in. Port. cem. conc. pavement; 4600 sq. ft. curb and gutter; necessary culvert drains. Est. cost, $23,000. Jerome A. Laricau, city eng.

OAKLAND, Cal.—Until July 19, 12 m., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of 89th Ave. and D St.; grade; const. conc. curbs and gutters; oil macadam pavement; 10 ft. wide wood culvert with 4 wingwalls; 3 6x20-in. wood culverts; 3 corru iron and conc. culverts, each having 2 c. i. handholes. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon city engineer.

SAN DIEGO, Cal.—Until July 23, bids will be rec. by supervisors for the following highway projects: (1) Berendo to Escondido, 3.04 mi., involving 289,163 sq. ft. paving; (2) Nutmeg and Lime Sts., city of Escondido, 1.64 mi., involv. grading, const. culverts, & 156,024 sq. ft. paving; (3) Buena to Vista, 2.89 mi., involv. grading, culverts and 276,313 sq. ft. paving. Alternate bids will be taken on the following types of pavement: (a) 5-in. conc., 8-in. at edges; (b) 5-in. asph. conc., 18-ft. wide; (c) Willite paving; (d) Warrenite paving. Plans and spec. may be obtained from County Highway Engr. J. M. Heath. Proects No. 1 and No. 3, are to be paid out of recent county bond issue, and project No. 2 by direct tax.

BURLINGAME, San Mateo Co., Cal.—Fay Improvement Co., Phelan Bldg., San Francisco, at $.03 for grading and $.24 for paving, approx. total cost $15,000, awarded cont. by city trustees to remove and pave ovals in Peninsular Ave. Will be financed through General Fund.

PLACER COUNTY, Cal.—Following bids rec. by State Highway Comm. to surface with asphaltic seal coat 7.5 mi. in Placer county, bet. Auburn and north boundary, involv. 66,360 sq. yds.

Healy-Tibbitts Constr. Co. San Francisco	$12,873.84
Blumenkranz & Vernon, Stockton	15,594.60

Engineer's Estimate, $9,290.40.

FRESNO, Fresno Co., Cal. — City Council, R. Y. St. George, clerk, declares inten. to imp. E St., bet. Fresno and Inyo Sts.: grade; const. conc. curbs and gutters; cem. walks; corru. metal culverts with manholes; pave with 3½-in. asph. base with 1½-in. liquid asph. and rock screening surface coat; 6-in. Port. cem. conc. driveways; 12-in. vit. clay pipe storm sewer. 1911 Act. Protests July 26. Wm. Stranahan, city eng.

MERCED, Merced Co., Cal—See "Miscellaneous Supplies," this issue. Crude oil.

OROVILLE, Butte Co., Cal. — Until July 25, bids will be rec. by C. F. Belding, county clerk, to gravel surface 9 miles of Humboldt road. Separate bids, same date, to surface Boucher and Cleveland Aves. and pave Infirmary road from Oroville-Chico road. Harry H. Hume, county road eng.

FRESNO, Fresno Co., Cal. — Until July 19, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to const. 6-in. lateral sewers in alleys in Blocks 348 376 and 387; 4 stand. cem. conc. manholes with c. i. covers; 4-in. on 6-in. wye for each 25-ft. frontage. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng..

SANTA BARBARA, Cal.—County Eng Owen O'Neill has completed surveys for 7 mi. highway bet. Lompoc and Harris station. A $60,000 bridge over the Santa Ynez river will be included. Plans, estimates, etc., will be presented to the supervisors shortly.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. San Pedro St., bet. Fox and Ashbury, involv. Grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; 5 br. catchbasins; 8-in. vit. pipe drains; 2 conc. storm water inlets; hyd. cem. conc. walks, driveways and headers.

OAKLAND, Cal.—Until July 19, 11 a. m., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Russett St.: grade, const. conc. curb and gutter; pave with macadam; cem. walks; 2x6-in. r.w. header boards; rein. conc. culvert, 14x3-in. with 2 conc. end walls; c. i. inlet. 1911 Act. Cert .check 10% payable to city req. W. W. Harmon, city engineer.

YUBA CITY, Sutter Co., Cal.—County supervisors, Albert B. Brown, clerk, declare inten. to imp. portions of 1st and C Sts., in the town of Live Oak; grade; const. conc. curb and gutter; pave with 2½-in. asph. conc. base with 1½-in. asph. conc. surface. 1911 Act. Protests July 16. O. W. Lanzendorf, county road commissioner.

SANTA BARBARA, Cal. — Election will be held in Permanent Road Division of Santa Ynez, July 24, to vote bond issue of $300,000 to const. system of roads in the Santa Ynez Valley. C. A. Hunt, clerk.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to const. 8-in. vit. sewer in portions of 68th Ave.; 3 vit. pipe lampholes with br. and c. i. tops; 5-in. vit. wye branches. 1911 Act Protests Aug. 2. W. W. Harmon, city engineer

DAILY
PACIFIC BUILDER

The only daily newspaper in the West whose columns are devoted exclusively to Building News. Covers San Francisco and Bay Counties. $1.25 per month, payable in advance. Send for sample copy.

818 MISSION STREET SAN FRANCISCO, CAL.

PHOENIX, Ariz.—The Arizona highway construction program held up due to lack of funds will be resumed on Aug. 20 with funds made available by senate bill number 156, according to Frank R. Goodman, state engr. Plans are now being prepared by the department for resumption of the work, which will include first the completion of a road across the southern part of the state, one across the northern part, and the north and south road from Phoenix to Ash Fork through Prescott. The southern project planned is the completion of the road between Phoenix and Yuma and a portion of the Miami-Superior highway and the Florence-Superior road as well as a short section of the Florence-Tucson road.

SALINAS, Monterey Co., Cal.—Until July 23, 7:30 p. m., bids will be rec. by M. R. Keef, city clerk, to imp. portions of John St., grade; pave with 2-in Warrenite-Bit. surface on 7-in. water bound base; const. hyd. conc. curbs and gutters; 2 hyd cem. conc. catchbasins with 10-in. galv. corru. iron pipe culvert and placing 7-in. galv. corru. iron pipe culverts at side-walk intersections. 1911 Act and Bond Act 1915. Cert. chk. 10% payable to city req. Howard Cozzens, city eng.

SOUTH PASADENA, Cal.—Until 5 p. m., July 23, bids will be rec. by city trustees to imp. under 1911 Act, following streets:

Magnolia St., involv. 39,000 sq. ft. 3-in. macad.; 4700 sq. ft. gutter; 500 sq. ft. sidewalk; 200 lin. ft. curb; 72 lin. ft. 6-in. vit sewer

Bank St., involv. 50,000 sq. ft. 3-in. macad.; 13,200 sq. ft. 1-in. macad.; 13,200 sq. ft. 1-in. macad; 177 lin. ft. 6-in. sewer; 60 sq ft. gutter; 15 lin. ft. curb.

Oak Hill Ave. and Shorb Way, involv. 1540 cu. yds. excav; 18,000 sq. ft. 2-in. macad.; 2450 sq. ft. gutter; 946 lin. ft. curb.

Edison Lane, involv 6000 sq. ft. 5-in. conc. pavement.

Cert. check or bond 10% in each case. Nettie A. Hewitt, city clerk.

POMONA, Cal.—Council declares inten. to imp. Kingsley Ave., bet. San Antonio Ave. and Palomares St., grade and pave with 5-in. oiled macad.; const. 8-in. vit. pipe sewer, 7 manholes, 1 flush tank and 80 4-in. connecting sewers; 1911 Act. T. R. Trotter, city clerk.

HOLLISTER, San Benito Co., Cal.—City trustees sell $48,000 bond issue to finance sewer extensions and septic tank. Clyde F. Smith, 516 Santa Barbara Rd., Berkeley, engineer.

SAN BERNARDINO, Cal.—City Engr. C. E. Johnson has estimated the cost of a deep water system for this city at $68,783.

LOS ANGELES, Cal. — Geo. H. Oswald, 366 E 58th St., awarded contr. by Bd. Pub. Wks. at $136,236.51 for imp. San Pedro St., bet. 61st St. and Manchester Ave., involv. grading at $14,500 (lump sum); 462,330 sq. ft. conc. paving 21.7c ft.; 2331 ft. curb 65c ft.; 7260 sq. ft. walk 20c ft.; san. sewer at $12,000 (lump sum); 5155 ft. hse. sewers $1.25 ft. Engr.'s est., $153,528.99. Other bids were: Joe Mullarkey, $140,235.55; Wm. Liddington, $141,454.82; Griffith Co., $150,504.70; W. D. McCray, $162,552

LOS ANGELES, Cal.—Jahn & Bressi, 522 Byrne Bldg., awarded contr. by Bd. Pub. Wks. at $283,750.10 for imp. Hill St., bet. Washington St. and Santa Barbara Ave., involv. grading at $35,000 (lump sum); 1946 sq. ft. asph. paving 35c ft.; 589,337 sq. ft. 8-in. conc. paving 30c ft.; 1950 sq. ft. bitum base paving 25c ft.; 11,880 sq. ft. oil and roll 10c ft.; 13,894 ft. curb 65c ft.; 184,810 sq. ft. walk 20c ft.; 126 sq. ft. gutter 30c ft.; reinf. conc. culverts at $800; san. sewer at $5000; 4672 ft. hse. sewers $1.25 ft.; 14,832 ft. lighting conduit 75c ft.; 3190 sq. ft. asph. remodeling 25c ft.; engr's est., $310,216.37. Other bids were: Griffith Co., $287,737.36; Geo. H. Oswald $308,255.61; W. D. McCray, $317,692.09.

INGLEWOOD, Cal. — W. D. McCray, 416 American Bank Bldg., Los Angeles, awarded contr. by city trustees at $33,806.60 for imp. Forest St. and portions of Hawthorne Ave., involv. 223,560 sq. ft. grading and preparing sub-grade; 142,323 sq. ft. macad. pavement; 7373 ft. curb; cem. and corru. iron culvert. Other bids were: W. H. Goff, $35,383.30; J. Paul Benson, $36,257.76.

SANTA ROSA, Sonoma Co., Cal. — County supervisors petitioned to imp. road leading from Bodega to Bodega Bay and thence up the coast to the Russian River mouth. It is reported that $75,000 is available in road funds for this work. W. W. Felt, Jr., is county clerk.

WHITTIER, Cal.—City trustees declare inten. to imp. under 1911 Act following streets: Orange Dr., betw. Pickering Ave. and 625 ft. west; grade and pave with 6-in. cem. conc.; constr. conc. curbs.

Alley bet. Bright Ave. and Greenleaf Ave., from Luella St. to Orange Dr., grade and pave with 5-in. cem. conc.

Hillview Ct., bet. Magnolia and Canobie Aves.; grade and pave with 6-in. conc.; const. conc. curb and walks.

Pierce Ave., bet. Pasadena and Hadley Sts., grade and pave with 6-in. cem. conc.; const. curb and walks.

C. O. Trueblood, city clerk. Paul E. Todd, city engineer.

(Continued on Page 27)

G. T. PIERSOL TO PROMOTE SALES OF ANACONDA COPPER SHINGLES

The Anaconda Copper Shingles, manufactured by the Anaconda Copper Mining Company, 25 Broadway, New York, are now being introduced and marketed on the Pacific Coast, by the Anaconda Sales Company. G. T. Piersol is in charge of the sales promotion work for this territory, with offices at 351 California street, San Francisco.

The Ducommun Corporation, 656 Townsend street, San Francisco, and Los Angeles, are distributors of this product, and carry a complete stock of the Copper Shingles and accessories, together with copper eaves trough, and conductor pipe, and are prepared to make immediate deliveries.

This new type of copper roofing produces a more interesting roof than the earlier sheet forms because of the divided surfaces, and the deep shadows cast by the heavy shingle butts, and the color effects obtained by a recently perfected oxidizing process. A variety of harminizing tones of green, brown, red and blue may be obtained.

A typical residence roofed with Copper Shingles is located at 66 Santa Ana Street, St. Francis Wood. Another beautiful residence upon which these Shingles are used is located on Southampton street, Arlington Oaks Tract, Berkeley.

The new Shrine Hospital at Portland, Oregon, is being roofed with Copper Shingles.

Booklets giving complete data on on Copper Shingles may be had by applying to the Ducommun Corporation or the Anaconda Sales Company, 351 California street, San Francisco.

ALASKA COPPER PRODUCTION

The copper production of Alaska in 1922 was 77,967,819 pounds, valued at $10,525,655, compared with 57,011,597 pounds, valued at $7,354,496, in 1921, according to the Department of the Interior. The production in 1922 came from one mine in the Ketchikan district, three in the Chitina district, and one in the Prince William Sound district. These figures are taken from the annual report of the Geological Survey on Alaska mineral resources, now in preparation.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

SAN FRANCISCO—Board of Public Works requests supervisors to authorize call for bids for furnishing and erecting street signs in various sections of the city; est. cost $9000.

SAN JOSE, Santa Clara Co., Cal.—County Surv. instructed to prepare plans to imp. Watsonville road from Monterey rd. to Bodfish rd., in Supervisor District No. 1. Henry A. Pfister, county clerk.

RIVERSIDE COUNTY, Calif. — See "Bridges," this issue, California State Highway Commission.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded contr. by supervisors at $28,500 to pave Los Angeles St., bet. Maine Ave. and Azusa Canyon Rd., R. D. 1. No. 256; 5275 ft. or .999 mi., involv. 5103 cu. yds. excav.; 12,444 sq. yds. shaping roadway; 3958 sq. yds. 2-in. asph. conc. top; 8486 sq. yds. 2¼-in. asph. conc. top; 3958 sq. yds. 4-in. asph. conc. base; 8486 sq yds. 4¼-in. asph. conc. base; 270 sq. ft. conc gutter; 12,444 sq. yds. flush coat. Est. contr. price, $28,777.25.

Griffith Co. awarded contr. at $48,775 to pave Florence Ave. from Wright Rd. east to Compton Jaboneria Rd., under R. D. 1. No. 227, involving 7117 cu. yds. excav., 17,730 sq. yds. shaping roadway, 17,730 sq. yds. conc. pavement.

MERCED, Merced Co., Cal. — City trustees vote to pave J St. to city limits, connecting with El Nido highway. Plans have been approved for the paving of streets north of the Santa Fe holdings. C. D. Martin, city eng.

MERCED, Merced Co., Cal. — City trustees award contract to California Pottery Co., to furnish 10,000 ft. of vitrified pipe for sewer extensions south of S. P. Railroad.

OAKLAND, Cal. — Council, E. K. Sturgis, clerk, declares inten. to imp. E-15th St., from 41st Ave. northwest and portions of 41st Ave. adjacent to E-15th St.: grade; conc. curb and gutter; oil macadam pavement; conc. culvert, reinforced with steel bars; conc. retaining wall and inlet with c. l. grating; 10-in. vit. pipe conduit. 1911 Act. Protests July 26. W. W. Harmon, city eng.

SACRAMENTO, Cal.—Until July 23, 5 p. m., bids will be rec. by Chas. C. Hughes, secy, Board of Education, 300 City Hall, to scarify, roll and spread 2-in. of decomposed granite on portion of McKinley school lot, 7th and G Sts. Cert. check 10% payable to Bd. of Educ req. Further information obtainable from secretary.

SAN FRANCISCO—L. J. Cohn, 180 Jessie St., at $7711 submits low bid to Bd. Pub. Wks. to imp. west side of Great Highway at Section D of the Ocean Beach Esplanade; est. cost, $9500 to be financed from County Road Funds. Project involves: 22,500 sq. ft. asph. conc. pavement consisting of 6-in. conc. base and 1½-in. asph. conc. surface; 306 lin. ft. conc. gutter; 282 lin. ft. roadway copping; 326 lin. ft. 10-in. vit. pipe sewer; 2 br. catchbasins; 70 lin. ft. 2x8-in. r.w. headers; 1 sidewalk entrance and 1 team entrance. Fay Imp. Co., next low bidder at $8,066.85.

C. R. Eaton, 407 11th St., at $6050.64 low bidder to Imp. McKinnon Ave., bet. Newhall and Phelps, involv. 371 lin. ft. conc. curb; 1436 sq. ft. art. stone walks; 12,380 sq. ft. asph. conc. pavement; 5 br. catchbasins and 205 lin. ft. 10-in. culvert. City Const. Co., next low bidder at $6687.55.

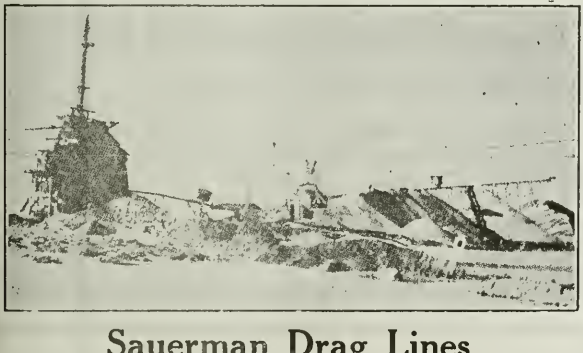
Raisch Imp. Co., 46 Kearny St., at $3874.50 low bidder to imp. Boyce St., bet. St. Roses Ave. and pt. 225 ft. north, involv. 300 lin. ft. granite curb; 3150 sq. ft. brick pavement and 3600 sq. ft. asph. conc. pavement; Municipal Const. Co. next low at $3978.

Municipal Const. Co., 112 Lyon St., low bidder at $8136 to Imp. 24th Ave., bet. Irving and Judah Sts., involv. 1200 lin. ft. conc. curb; 24,000 sq. ft. asph. conc. pavement. Fay Imp. Co. next low at $8208.

Raisch Imp. Co., 46 Kearny St., low bidder at $6090 to Imp. Paris St., bet. Amazon and Italy, involv. 800 lin. ft. conc. curb; 6000 sq. ft. asph. conc. and 10,000 sq. ft. conc. pavement. Fay Imp. Co. next low at $6154.

Fay Imp. Co., Phelan Bldg., at $596 only bidder to imp. Francisco St., Octavia and Laguna (where not) involv. 75 lin. ft. conc. curb and 1453 sq. ft. asph. conc. pavement.

No bids received to Imp. DeHaro St. bet. 19th and 20th Sts., involv. 909 lin. ft. conc. curb; 16,000 sq. ft. conc. pavement; 4440 sq. ft. asph. conc. pavement; 8002 sq. ft. art. stone walks and 3 br. catchbasins.



Sauerman Drag Lines and Scrapers In Stock

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

PASADENA, Cal.—Ducey & Breitenstein, 151 S Hill Ave., Pasadena, awarded contract by city directors to pave Worcester Ave., involv. pave 10c sq. ft.; grading 75c lin. ft.; curb, 45c ft.; gutter, 23c ft.; also awarded contr. for paving Hamilton Ave., involv. paving and grading 11c ft.; walk 16c sq. ft.; curb 45c ft.; gutter 23c sq. ft.

SANTA PAULA, Cal.—Until 7:30 p. m. July 23, bids will be rec. by city trustees for street work, involv. 753,000 sq. ft. asph. conc. pavement and 481,000 sy. ft. cem. conc. pavement, as per resolutions Nos. 137 and 138, ordering the work. Plans and spec. upon deposit of $5. Harry E. Reddick city engr.

NAPA, Napa Co., Cal.—Supervisors contemplate early improvement of road in Putah Canyon. Edw. P. Ball, county surveyor.

SANTA PAULA, Cal.—Council declares inten. to imp. Santa Barbara St., bet. Palm Ave. and 11th St. and portions of other streets, incl. Olive Ave., Fourth St., Fifth, Sixth Sts., grade and pave with 4-in. asph. conc. pavement; 1911 Act. M. G. Demarest, city clerk. Harry E. Reddick, city engr.

SACRAMENTO, Cal.—Clark and Henery Constr. Co., Ochsner Bldg., Sacramento, awarded following contracts by city commissioners:

S St., bet. 31st and 34th; const. conc. curb and gutter; place c. i. gutter drains with 6-in. vit. manhole connections; const. conc. manholes and reconst. present manholes; const. conc. walks; reset gutter drains ;grade and pave with 4-in. asph. conc. 32nd St., from sewer in alley bet. S St. and Serra Way to pt. 10 ft. north of S St.; const. vit. sewer and conc. manhole.

36th St., bet. Folsom Blvd. and Crescent Park; const. conc. curb and gutter; c. i. gutter drains with 6-in. vit. manhole connections; conc. manholes; 8-in. vit. sewer; conc. protective pipe covering; install 1-in. water main connections; grade; pave with 4-in. asph conc

I St., bet. 31st and 33rd; conc. curb & gutter; grade and pave with 4-in. asph. conc.

PORTERVILLE, Tulare Co., Cal. — City trustees, Geo. D. Avery, clerk, declare inten. to const. sanitary sewers with outlets, manholes, lampholes, iron works and other appurtenances in portions of Orange St.; Rd "K"; Howard, Date Sts., and streets in Cornell Addition and certain alleys. Work under 1911 Act and Bond Act 1915. Protests Aug. 2.

RICHMOND, Contra Costa Co., Cal.—Until July 23, 8 p. m., blds will be rec. by A. C. Faris, city clerk, to imp. Stege Ave. and 34th St., bet. South St. and Cutting Sts., bet. Wall and 36th, 37th and 38th Sts., bet. Wall and Cutting Blvd.: Grade; pave with Richmond Stand. macadam; cem. conc. curbs with gal. steel curb bars; conc. gutters, walks, open drains, wingwalls; corru. iron or steel and cem. conc. culverts. 1911 Act. H. D. Chapman, city eng.

BEVERLY HILLS, Cal.—The $25,000 bond issue for street work carried at the election, July 6.

FRESNO, Fresno Co., Cal. — Until July 19, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. Thomas Ave., bet. Forthcamp and pt. 287 ft. west: grade; const. conc. curb, gutter and walks; pave, 32-ft. wide, with 3½-in. asph. conc. base with 1½-in. asph. conc. top course and liquid asph. and rock screenings surface; alley approaches to be paved with 6-in. conc. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

SALINAS, Monterey Co., Cal.—City Council, M. R. Keef, clerk, declares intention to imp. portions of South Capitol St. by grading and paving with 6-in. water bound pavement; const. hyd. conc curbs and gutters; hyd. conc. catchbasins with c. i. grating and frame; 10-in. corru. galv. iron culvert pipe bet. catchbasins. 1911 Act & Bond Act 1915. Protests July 25. Howard F. Cozzens, city eng.

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G·and E·

"PACIFIC SERVICE"

WOODLAND, Yolo Co., Cal.—Until July 23, 10 a. m., bids will be rec. by H. R. Saunders, county clerk, to const. Prefix 3 (town of Knights Landing), Sec. C of county highway system:

(Item 1) 300 cu. yds. earthwork without classification.

(2) 16,680 sq. ft. asph. conc. pavement, 5-in. 2-course.

(3) 80 lin. ft. corru. metal pipe, 12-in.

(4) 254 lin. ft. curb and gutter (combined); Port. cem. conc. class B.

(5) (Alternate for item 2) 16,680 sq. ft. Port. cem. conc. pavement, class A, 6-in. increasing to 7½-in. in outside 2 ft.

(6) 5 cu. yds. Port. cem. conc. class B (headwalls).

(7) 85 lbs. rein. steel bars.

Spec. obtainable from County Surveyor Asa G. Proctor, on deposit of $5, returnable.

TAFT, Kern Co., Cal.—Until July 16, 6 p. m., bids will be rec. by H. G. Arndt, city clerk, to imp. portions of Fourth and Lucard Sts.: Grade and pave with 5-in. conc.; const. conc. curbs and cem. walks. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Edw. M. Lynch, Central Bldg., Los Angeles, Eng.

RED BLUFF, Tehama Co., Cal.—July 30 is date set to vote bonds of $24,000 to finance extensions to sewer system. W. F. Luning, city eng.

SONOMA COUNTY, Cal.—Following bids rec. by State Highway Comm. to grade and surface with gravel 0.2 mi. in Sonoma County, near Lytton, involv. 11,000 cu. yds. excavation without classification and 500 cu. yds. gravel surfacing:

Tieslau Bros., Berkeley	$10,775.00
Gates & Brazelton, Vacaville	10,787.50
W. H. Carr, Sebastopol	11,870.00
Marshall & Handerkin, Bkly.	12,725.00
Rocca & Coletti, San Rafael	13,275.00
J. P. Holland, San Francisco	14,375.00
C. D. Cowden, San Francisco	14,557.50
Frank Bryant, San Francisco	15,480.00

Engineer's Estimate, $10,037.50.

SANTA ANA, Cal.—Wells & Bressier 3 Calif. Bank Bldg., Santa Ana, awarded contr. by city trustees at $20,130.51 to pave East Myrtle St., bet. Main and Pac. Elec. right-of-way, involv. 79,795 sq. ft. grade and pave with 5-in. conc. at 21.5c ft.; 1408 ft. curb at 50c ft.; 1502 ft. 6-in. sewer at 60c ft.; 969 ft. 4-in. hse sewers at 50c ft.; 4 manholes at $90 each; one flush tank at $110; 2593 sq. ft. walk at 16c ft.

SAN ANSELMO, Marin Co., Cal.—Geo. E. Eaton, Kentfield, Calif., at $14,466.78 awarded cont. by town trustees to imp. portions of Sequoia Drive, involv. grading, excavation, $1.25 cu. yd.; grade, surface, $.02½ sq. ft. asph. macadam pave, $.13 sq. ft.; conc. curb, $.65 lin. ft.; conc. gutter and valley, $.40 sq. ft.; catchbasins, $50 ea.; 24-in. corru. iron pipe culvert, $3.50 lin. ft.; 18-in. do, $4 lin. ft.; conc. headwall, $.55 cu. ft.; rein conc. wall, $1 cu. ft.; pipe railing, complete, $1.50 lin. ft. Heafey, Moore and McNair, only other bidders, at $18,-184.60.

SAN ANSELMO, Marin Co., Cal.—Town trustees petitioned to pave Tamalpais avenue and adjoining streets covering approx. 11,000 ft. frontage. Taken under advisement. Arthur W. Studley, town clerk.

COLUSA, Colusa Co., Cal.—Until July 16, 5 p. m., bids will be rec. by B. L. McCue, city clerk, to grade and gravel following sts.:

Third St., bet. Webster and Sioc;
Fourth St., bet. Fremont and Sioc;
Fremont St., bet. 10th St. and west city limits;
First St., bet. Webster and Sloc;
Cert. check 10% payable to city req. with each bid.

CORNING, Tehama Co., Cal.—City trustees will call election shortly to vote bonds of $30,000 to finance extension of sewer system to Sacramento river.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. Palm St., bet. Grant and Willow; grade; pave with 11-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; conc. curbs, gutter and walks; 10 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests July 30. Wm. Popp, city eng.

SAN RAFAEL, Marin Co., Cal.—Phillips and Vickerson at $897.50 awarded cont. by supervisors for fencing state highway from Alto to Belvedere. Other bids: Granger, $1312; Standard Fence Co., $1274; Redding and Redmond, $995.

FAIRFIELD, Solano Co., Cal. — County Surv. F. A. Steiger completing spec to grade and pave two connecting ends of road in Road Dist. Improvement No. 4. Bids will be asked shortly.

SONORA, Tuolumne Co., Cal.—F. E. Greene, Sonora, at $3360 awarded cont. by supervisors to imp. highway commencing at Sonora city limits and running to Sierra Rlwy. tracks.

YUBA CITY, Sutter Co., Cal.—Galbraith and Janes, Yuba City, at $12,-390 awarded cont. by supervisors to imp. Bunce lateral, Highway Contract No. 25, involv. (1) 9000 sq. yds. grading $.21; (2) 700 cu. yds. conc. $15. Engrs' est. (1) $.20; (2) $14.

For asphaltic macadam pavement, new construction and maintenance, under Contract No. 26, contract was awarded to Heafey-Moore and McNair, 2030 High St., Oakland, at $60,596, contract involv. (1) 56,000 sq. yds. grading $.10; (2) $27,000 sq. base rock, $.555; (3) 29,000 sq. yds. surface, $.44; (4) 10,000 sq. yds. patching, $.70; (5) 150,-000 sq. yds. resurfacing, $.135. M. F. Sullivan bid (1) $.055; (2) $.80; (3) $.42; (4) $.60; (5) $.135. Engineer's est. (1) $.06; (2) $.70; (3) $.50; (4) $1; (5) $.15.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, at $14,910 awarded cont. by supervisors to imp. Mayfield Ave., in Supervisor dist. No. 5. L. J. McReynolds only other bidder at $17,220. Eng. est. $14,500.

ALAMEDA, Alameda Co., Cal.—Until Aug. 7, 8 p. m., bids will be rec. by H. B. Dudgen, city clerk (pro-tem), to imp. crossings of Bay Island and Park Aves., and Bay Island Ave. and Regent St., grade and pave oil macadam; construct conc. curbs, gutters, walks and corru. iron culverts. Cert. check 10% payable to city req. Burnett Hamilton, city eng.

SAN JOSE, Santa Clara Co., Cal. — San Jose Paving Co., San Carlos and Dupont Sts., San Jose, at $12,129 awarded cont. by supervisors to imp. Ierra rd. in Supervisor District No. 3. Other bids: L. J. McReynolds, $13,240; John F. Adams, $12,497; John Doyle, $12,667. Eng. est. $11,400.

PORTERVILLE, Tulare Co., Cal. — Until July 19, 8 p. m., bids will be rec. by Geo. D. Avery, clerk, to const. cem. conc. walks in portions of Olive St. 1915 Bond Act. Cert. check 10% payable to city req.

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue. Grading; Marine Corps Base.

YREKA, Siskiyou Co., Cal—Supervisors reject bids rec. July 2, to const. Forest Mountain Rd. No. 169, involv. 36,000 cu. yds. excavation; 61 cu. yds. conc. (culverts); 21 cu. yds. conc culverts, (end walls and drop inlets); 158 lin. ft. 12-in., 28 lin. ft. 15-in., 22 lin. ft 18-in and 104 lin. ft. 24-in. corru. iron pipe; 600 lin. ft. guard fence. New bids will be asked immediately. A. F. Parrott estimates cost at $38,666, the county to furnish corru. iron pipe.

STOCKTON, San Joaquin Co., Cal.—Until July 30, 5 p. m., bids will be rec. by N. Freel, city clerk, to imp. portions of E-Main, E-Washington, E-Lafayette, E-Sonora and F Sts.: Grade; const. comb. conc. curb and gutter; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. surface. 1911 Act and Bond Act 1915. Cert. chk. 10% payable to city req. W. E. Hogan, city eng.

BERKELEY, Alameda Co., Cal.—City council has appropriated $20,000 to finance construction of a storm sewer in Woolsey St., bet. Telegraph and Shattuck avenues. C. L. Huggins, city engineer.

NAPA, Napa Co., Calif.—City Council H. H. Thompson, clerk, declares intention to improve Lincoln Ave., between York and Jefferson Sts., including terminations of Spencer and Georgia Sts.: grade, const. concrete curbs and pave with 2-course asphalt, macadam, 40-ft. wide; 6-in. vit. sewer with 2-wye branches; 1 flush hole with c. i. frame and cover; 5 conc. catchbasin with c. i. covers. 1911 Act. Protests July 30. H. H. Harold, City Engineer.

NAPA, Napa Co., Calif.—Until July 16, 10 a. m., bids will be received by J. A. Daly, County Clerk, for fur. 2000 yds. crushed rock for road purposes. Further information obtainable from clerk.

OAKLAND, Cal.—Salvatore DeGuarda, Oakland, awarded cont. by council to imp. portions of Woodruff Ave., involving 2x10x2x8-in. conc. culvert, $10 lin. ft.; 3x10x2x8-in. conc. culvert, $15 lin. ft.; conc. culvert taper section, 5-ft. long, $50 each; 10-in. vit. pipe conduit, $3 lin. ft.; 14-in. do, $3.60 lin. ft.; 16-in. do $3.75 lin ft.; 21-in. do $4 lin. ft.; 24-in. do $4.50 lin. ft.; brick manholes, $100 each; br. and conc. manhole, $150 etch; storm water inlet, $100.

SAN RAFAEL, Marin Co., Cal.—Until July 16, 11 a. m., bids will be rec. by county supervisors to imp. portions of Fairfax and Bolinas Alpine roads and portions of San Rafael and Olema road.

BERKELEY, Alameda Co., Cal. — Oakland Paving Co., 5000 Broadway, Oakland, awarded cont. by council to grade and const. 2 catchbasins in Cedar St., bet. 1st and 3rd sts.

CARMEL, Monterey Co., Cal. — See "Miscellaneous Building Construction," this issue.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

Architects—Engineers—City and County Officials

How about bids wanted?

Are you satisfied with the bids you received on that last job?

Did you have competition—and plenty of it? If not—why not?

Without charge the BUILDING & ENGINEERING NEWS will place your job before the construction interests of the Pacific Coast. That means competition and—competition means the lowest possible bid.

If you want competition send particulars of your job to BUILDING & ENGINEERING NEWS—also a set of plans and specifications.

Reach the *Independent Bidder* through the columns of BUILDING & ENGINEERING NEWS

The combined news services of BUILDING & ENGINEERING NEWS have a circulation of

2804

—reaching the Engineer, Contractor and Material Dealer.

Can you reach one quarter the amount of interested people through any other news service published in this section? We think not—in fact, we know you cannot.

If you want *competition*—if you want *independent* contractors to figure your job—if you want the *lowest possible bid*—send particulars of your project to

Building & Engineering News

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to const. Sec. 11 of the north outfall sewer were:

Ross Constr. Co., Oschner Bldg., Sacramento; Los Angeles address, Van Nuys Hotel—(1) 3322 lin. ft 6 ft. 3 in. sewer, as follows: (a) brick coner. constr., $100,000; (b) segment block construction, $95,000; (c) pre-cast pipe constr., $81,900. (2) 1806 lin. ft. 7 ft. 6 in. sewer, as follows: (a) brick constr. $64,000; (b) segment block constr. $62,-000; (c) pre-cast pipe constr., $56,600.

Smith Bros., Inc., and W. E. Callahan Constr. Co. Dallas, Texas—(1) (a) $102,432; (b) $81,428; (c) $74,435; (2) (a) $77,544; (b) $51,679; (c) $48,814.

J. F. Shea Co., 211 Henry Bldg., Portland, Ore.—(1) (a) $107,300; (b) $74,750 (c) $67,800; (2) (a) $99,400, (b) $66,900; (c) $59,700.

Lynn S. Atkinson Jr., 921 Chapman Bldg., Los Angeles—(1) (a) $145,824, (b) $104,643, (c) $100,565; (2) (a) $102,-169, (b) $76,885, (c) $67,393.

Thomas Kelly & Sons, 1003 Coca Cola Bldg., Kansas City, Mo.—(1) (a) $151,636, (b) $130,909, (c) $134,231; (2) (a) $10".627, (b) $86,826, (c) $88,623.

deWaard & Cobham, 207 Granger Bldg., San Diego—(1) (a) $179,388, (b) $146,168, (c) $139,524; (2) (a) $120,232, (b) $97,632, (c) $94,016.

Charles Thompson & Charles U. Heuser, 1130 Loew State Bldg., Los Angeles—(1) (a) $133,000, (b) $90,000, (c) $85,000; (2) (a) $74,000, (b) $50,000, (c) $48,000.

Thomas Haverty Co., 8th and Maple Ave.—(1) (a) $113,565, (b) $76,835, (c) $66,365; (2) (a) $73,935, (b) $47,945, (c) $43,210.

Nikcevich & Budincich, P. O. Box, 204, Long Beach—(1) (a) $122,804, (b) $106,-304, (c) $112,100; (2) (a) $88,592, (b) $70,512, (c) $81,200.

G. R. Daley, 3770 Oregon St., San Diego—(1) (a) $112,900, (b) $102,400, (c) $91,000; (2) (a) $75,200, (b) $65,900, (c) $61,400.

C. A. Spicer, 123 N. Kingsley Dr., Los Angeles—(1) (a) $122,083, (b) $——, (c) $——; (2) (a) $77,292, (b) $——, (c) $——.

R. A. Wattson, 4907 Melrose Ave., Los Angeles—(1) (a) $131,920, (b) $107,155, (c) $106,050; (2) (a) $99,500, (b) $81,-650, (c) $73,632.

Bids received to const. Sec. 12, of the north outfall sewer, were:

Ross Constr. Co.—(1) 2995 lin. ft. 5 ft. 3 in. sewers, as follows: (a) brick coner. constr., $75,000, (b) segment block constr., $70,000, (c) pre-cast pipe constr., $60,000; (2) 2384 lin. ft. 6 ft. 3 in. sewer, as follows: (a) $75,000, (b) $70,000, (c) $60,000; (3) 35.39 lin. ft. special structure, $4000.

Hooper D. Churchill, 350 Merrick St., Los Angeles—(1) (a) $33.42 per ft.; (a) $27.74 per ft., (b) $27.74 per ft.; (2) (a) $34.32 per ft., (b) $26.74 per ft., (c) $26 per ft.; (3) $30 per ft.

Thomas Kelly & Sons—(1) (a) $110,-600; (b) $93,781; (c) $96,776; (2) (a) $101,700, (b) $86,833, (c) $89,217; (3) $2831.

deWaard & Cobham—(1) (a) $106,320, (b) $92,845, (c) $86,855; (2) (a) $119,750, (b) $98,936, (c) $95,360; (3) $3900.

J. F. Shea Co.—(1) (a) $92,800, (b) $62,000, (c) $61,700; (2) (a) $95,400, (b) $63,400, (c) $62,000; (3) $2400.

Smith Bros., Inc. and W. E. Callahan Constr. Co.—(1) (a) $94,334, (b) $72,-492.40, (c) $68,609; (2) (a) $76,847, (b) $57,656, (c) $53,549; (3) $3500.

Thomas Haverty Co.—(1) (a) $106,-995, (b) $76,610, (c) $70,155; (2) (a) $76,760, (b) $53,750, (c) $46,940; (3) $3465.

Charles Thompson and Charles U. Heuser—(1) (a) $107,000, (b) $77,000, (c) $75,000; (2) (a) $89,000, (b) $67,000, (c) $63,000; (3) $1000.

G. R. Daley—(1) (a) $80,500, (b) $70,300, (c) $62,800; (2) (a) $78,100, (b) $71,800, (c) $64,300; (3) $2000.

R. A. Wattson—(1) (a) $102,900, (b) $84,000, (c) $81,257; (2) (a) $94,700, (b) $80,000, (c) $75,986; (3) $3500.

Lynn S. Atkinson Jr.—(1) (a) $100,-800, (b) $84,000, (c) $78,750; (2) (a) $116,760, (b) $91,641, (c) $81,183; (3) $2229.

Bids rec. to const. Sec. 13, of the North Outfall sewer, were:

Thos. Kelly & Sons—(1) 3190 lin. ft. 4-ft. 9-in. sewer, as follows: (a) brick conc. constr., $93,270, (b) segment block constr., $84,430, (c) $87,620; (2) 3209 lin. ft. 5-ft. 3-in. sewer, as follows: (a) $113,760, (b) $95,943, (c) $99,157; (3) 3402 lin. ft. 6-ft. 3-in. sewer, as follows: (a) $150,880, (b) $129,781, (c) $133,183.

Lynn S. Atkinson—(1) (a) $102,160, (b) $85,747, (c) $76,368; (2) (a) $107,-822, (b) $87,605, (c) $78,338; (3) $156,-278, (b) $125,023, (c) $119,665.

Ross Constr. Co.—(1) (a) $78,000, (b) $72,000, (c) $62,000; (2) (a) $82,000, (b) $76,000, (c) $66,000; (3) (a) $104,000, (b) $97,000, (c) $87,000.

Sidney Smith, 2025 Bay St., Los Angeles—(1) (a) $89,320, (b) $——; (c) $——; (2) (a) $102,688, (b) $——, (c) $——; (3) (a) $129,238, (b) $—; (c) $—

J. F. Shea Co.—(1) (a) $71,100, (b) $59,000, (c) $19,500; (2) (a) $91,700, (b) $68,200, (c) $65,800; (3) (a) $118,400; (b) $85,100, (c) $81,700.

Smith Bros., Inc. and W. E. Callahan Constr. Co.—(1) (a) $73,506, (b) $61,-715, (c) $58,038; (2) (a) $76,662, (b) $66,112, (c) $61,918; (3) (a) $122,141, (b) $93,435, (c) $88,341.

Charles Thompson and Charles U. Heuser—(1) (a) $93,000, (b) $70,000, (c) $67,000; (2) (a) $96,000, (b) $74,000, (c) $70,000; (3) (a) $105,000, (b) $81,000, (c) $73,000.

Thomas Haverty Co.—(1) (a) $73,-980, (b) $55,940, (c) $50,025; (2) (a) $83,235, (b) $66,790, (c) $59,810; (3) (a) $104,480, (b) $71,680, (c) $62,770.

G. R. Daley—(1) (a) $76,500, (b) $71,-000, (c) $63,800; (2) (a) $90,100, (b) $78,100, (c) $70,500; (3) (a) $105,800, (b) $95,200, (c) $85,000.

R. E. Cooney, 241 S. Norton Ave., L. A.—(1) (a) $75,000, (b) $54,000, (c) $54,000; (2) (a) $96,000, (b) $61,000, (c) $61,000; (3) (a) $122,000, (b) $82,000, (c) $82,000.

Bids rec. to const. Sec. 14 of the North Outfall sewer, were:

Lynn S. Atkinson—(1) 8906 lin. ft. 6-ft. 3-in. sewer, as follows: (a) $681,134, (b) $555,460, (c) $603,063; (2) 8.25 lin. ft., special structure, $1000.

Joe Chutuk (1) (a) $400,000, (b) $400,000, (c) $318,425; (2) $1200.

G. R. Daley—(1) (a) $424,300, (b) $393,500, (c) $365,100; (2) $1000.

Thomas Haverty Co.—(1) (a) $361,-000, (b) $271,300, (c) $247,600; (2) $1400.

Jahn & Bressi, 522 Byrne Bldg., Los Angeles—(1) (a) $480,000, (b) $380,000, (c) $380,000; (2) $1000.

Thos. Kelly & Sons—(1) (a) $668,000 (b) $625,613; (c) $634,519; (2) $686.

Ross Constr. Co.—(1) (a) $595,000, (b) $585,000, (c) $552,500; (2) $2000.

J. F. Shea Co.—(1) (a) $479,000, (b) $394,500, (c) $376,300; (2) $700.

Smith Bros., Inc., and W. E. Callahan Constr. Co.—(1) (a) $427,219 30, (b) $348,630.60, (c) $335,123.60; (2) $2000.

Sidney Smith—(1) (a) $583,750; (b) $——, (c) $——; (2) $1000.

SACRAMENTO, Cal.—Until July 19, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to imp:

Alley 1st east of 39th St., from manhole in Folsom Blvd. to manhole in S. P. right-of-way: const. 8-in. vit. sewer with 4-in. wyes; conc. manholes with c. i. curbs and covers.

Alley bet. H, I, 14th and 15th Sts., const. conc. catchbasins with c. i. curbs and covers; reconst. manhole; const. conc. curtain wall; grade and pave with 5-in. hyd. conc.

Freeport Blvd., from manhole in place 158.8 ft. south of Bidwell Way to pt. 4168 ft. south therefrom; const. vit. sewer; conc. manholes with c. i. curbs and covers; c. i. gutter drains with manhole or 6-in. vit. wye branch connections.

Cert. check 10% payable to city req. Albert Givan, city eng.

LOS ANGELES, Cal.—Following bids rec. by Bd. Pub. Wks. for fur. 26,000,000 vit. brick for north outfall sewer:

Los Angeles Brick Co., Security Bldg—(1) In easterly zone, $17.50 per M net; (2) central zone, $18.50; (3) westerly zone, $20.25. Delivery 300,000 per month in any one section, 1 to 3 incl.

Simon Brick Co., 125 W Third St.—(1) $17.50, (2) $18.50, (3) $20.35. Delivery, 500,000 per month in each zone.

Western Brick Co., 605 Lankershim Bldg.—(1) $17.50, (2) $18.50, (3) $20.25. Delivery, 40,000 per day for each working day, items 1 to 3, incl., delivery to start in 2 weeks after contr. executed.

The following bids for furnishing 16,000 brick were received:

LOS ANGELES Pressed Brick Co., Frost Bldg.—(1) $29, (2) $29.50, (3) $30. Delivery 200,000 per month; delivery to start 60 days after signing contract.

Demy-Renton Clay & Coal Co., 629 Pioneer Bldg., Seattle—(1) $59.25, (2) $59.25, (3) $59.25. Delivery to start in 6 weeks after signing contract, 433,000 per month for each zone.

HANFORD, Kings Co., Cal.—Highway committee of Kings County Chamber of Commerce has been organized to outline program to extend present county highway system. Proposed extensions include Harwick west to Kings river bridge; west Hanford city limits from 9th St. to Grangeville Blvd; River Bend highway to connect with Fresno and Tulare county highways south of Kingsburg.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. for fur. reinf conc. pipe with vit. clay lining for Sections Nos. 10 to 14, of the North Outfall sewer, follow:

Western Reinforced Concrete Pipe Co 6th and Utah Sts., Los Angeles — (1) 3190 lin. ft. 4-ft. 9-in. pipe at $12.60 ft.; delivery, begin in 75 days 500 ft. per mo.; (2) 6204 lin. ft. 5-ft. 3-in. pipe, at $15.60 ft.; delivery, begin in 75 days, 750 ft. per mo.; (3) 1450 lin. ft. 6-in. pipe, at $19.95 ft.; delivery, begin in 30 days, 600 ft. per mo.; (4) 18,013 lin. ft. 3-in. pipe at $21.55 ft.; delivery, begin in 60 days, 2000 ft. per mo.; (5) 1808 ft. 7-ft. 6-in. pipe at $28.90 ft.; delivery, begin in 75 days, 650 ft. per mo.; (6) 6127 lin ft. 8-ft. 6-in. pipe at $35.25 ft.; delivery, begin in 75 days, 750 per mo.

Bent Concrete Pipe Co., 534 Security Bldg., Los Angeles—(1) $12.81; delivery, begin in 60 days, 650 ft. per mo.; (2) $15.72; delivery, begin in 60 days, 600 ft. per mo.; (3) $20.48; delivery, begin in 60 days, 1500 ft. per mo.; (5) $32.17; delivery, begin in 90 days; 600 ft. per mo.; (6) $37.64; delivery, begin in 90 days, 600 ft. per mo.

STOCKTON, San Joaquin Co., Cal.—Until July 30, 5 p. m., bids will be rec. by N. Freel, city clerk, to imp. portions of E-Main, A, C, D and E Sts.: Grade; const. comb. curb and gutter; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. surface; and portions of B St.; grade; const. comb. conc. curb and gutter; conc. walks; pave with 2½-in. crushed rock base and 2½-in. asph. conc. base with 2-in. asph. conc. surface. 1911 Act & Bond Act 1915. Cert check 10% payable to city req. W. B. Hogan, city eng.

Auto Supplies
at Cut Rate

EVERYTHING FOR YOUR MACHINE

Zimmerlin Bros. Co.

Established 1907

3190 MISSION ST. Junction Valencia

24 VAN NESS AVENUE Phone Market 8926 Near Market

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt.
2654	O'Dowd	Owner	20000
2655	Erickson	Owner	3950
2656	Sullivan	Owner	3000
2657	Oyen	Owner	14000
2658	Kleiber	Zimmerman	1200
2659	McCauley	Delaney	2860
2660	Phelan	Pacific	2000
2661	Toulouse	Owner	8000
2662	Mulcahy	Kieran	1500
2663	Gilmour	Meyer	7500
2664	Costello	Owner	10000
2665	Bowland	Owner	2000
2666	First Norwegian	Johnson	44778
2667	Moeller	Meyer	9600
2668	Sale	Meyer	5000
2669	Way	Same	10100
2670	Hawkins	Meyer	5000
2671	Mee	Meyer	5000
2672	Janssen	Owner	4500
2673	Davis	Janssen	5500
2674	Molema	Owner	5000
2675	Huang	Delaney	1000
2676	Raune	Todhunter	1000
2677	Tjogas	Owner	4000
2678	Averhousen	Owner	2000
2679	Cerutti	Eads	3000
2680	Bothin	Hinson	1000
2681	Sultan	Petersen	11400
2682	Bothin	Hinson	1200
2683	Fitzhugh	Scott	4865
2684	Behrand	Lindeman	5400
2685	St. Francis	Boxton	11500
2686	Gaviati	Meyer	10900
2687	Orlandi	Hansen	4600
2688	Nielsen	Owner	1600
2689	Breen	Nielsen	2950
2690	Rench	Owner	6000
2691	Coustette	Owner	40000
2692	Urban	Leonard	8750
2693	Duggin	McCauley	3690
2694	Labarbere	Denke	41360
2695	O'Brien	Kiernan	75000
2696	Gillham	Seanlan	2000
2697	Ambra	Owner	3500
2698	Kupiec	Owner	1000
2699	Isaason	Owner	7800
2700	Walker	Brady	1075
2701	Crocker	Dyer	72708
2702	P G & E Co..	....Owner	32538
2703	French Hspt	Larsen	57740
2704	Golobrick	Maguire	13800
2705	Christie	Valentino	195
2706	Same	Same	940
2707	Langfelder	Benson	6000
2708	Same	Same	6000
2709	Archbishop	Standard	3600
2710	Anglum	Beetham	24830
2711	Hunt	Helbing	60000
2712	Soule	Owner	60000
2713	Little	Same	9000
2714	Conlin	Owner	6000
2715	Kalmbach	Taylor	3500
2716	Hueter	Boxter	6000
2717	Kelleher	Owner	2000
2718	Hargrave	Owner	3000
2719	Langfelder	Benson	2500
2720	Gustafson	Owner	3000
2721	2006 Washington	Owner	450,000
2722	Kierulff	Lindgren	140,000
2723	Heyman	Owner	3000
2724	Heyman	Same	8000
2725	Belvedere	Gasperetti	5300

FRAME FLATS
(2654) N EIGHTEENTH 100 W Valencia. Two-story and basement frame (4) flats.
Owner—E. O'Dowd.
Architect—Evans & Co., 359 Pacific Bldg., San Francisco. $20,000

DWELLING
(2655) W GRANADA 300 N Holloway. One-story and basement frame dwelling.
Owner—Oscar L. Erickson, 4507 Mission St., San Francisco.
Plans by Owner $3950

DWELLING
(2656) N ROLPH 25 W Paris. One-story and basement frame dwlg.
Owner—T. D. Sullivan, 927 Hampshire St., San Francisco.
Architect—None. $3000

FRAME FLATS
(2657) W SEVENTEENTH AVE 150 and 175 S Cabrillo. Two two-story and basement frame (2) flats.
Owner—O. M. Oyen, 67 Carmel St., S. F.
Architect—None. $7000 each

FACTORY
(2658) W FOLSOM 150 E Eleventh. Cement floor in factory.
Owner—Kleiber Truck Co., Premises.
Architect—None.
Contractor—L. M. Zimmerman, 180 Jessie St., San Francisco. $1200

ALTERATIONS
(2659) NO. 524 GOUGH. Electric work, plaster walls and ceilings; mastic flooring; re-arrange offices for bottling works.
Owner—J. B. McCauley, 931 Main St., Vallejo, Calif.
Architect—None.
Contractor—C. S. Delaney, 2415 Bush St., San Francisco. $2860

REPAIRS
(2660) NE STOCKTON AND MARKET. Repair sidewalk lights and sidewalk.
Owner—Mary Phelan.
Architect—None.
Contractor—Pacific Sidewalk Light Co., $2000

ALTERATIONS
(2661) NO. 821 LINCOLN WAY. New front; re-arrange interior; construct boiler room for laundry.
Owner—Toulouse Bros., Premises.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $8000

STEPS
(2662) NO. 4321 LINCOLN WAY. Construct concrete steps (residence.)
Owner—Mrs. Mary Muleahy, premises.
Plans by Contractor.
Contractor—Peter Kieran, 454 Irving St., San Francisco. $1500

STORES
(2663) S GEARY 53-4 W Twentieth Ave. One-story reinforced concrete stores.
Owner—Wm. G. Gilmour, 180 Jessie St., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Architect—Meyer Bros., 5324 Geary St., San Francisco. $7500

FRAME FLATS
(2664) W TWENTY-FOURTH AVE 108 and 135 N Cabrillo. Two two-story and basement frame (2) flats.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $5000 each

DWELLING
(2665) W GERARD 108-6 S Silver Ave. One-story and basement frame dwelling.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Owner—Robert Bowland, 346 Woolsey St., San Francisco.
Architect—Edward J. O'Connor, 346 Woolsey St., San Francisco. $2000

CHURCS, ETC.
(2666) NW FOURTENTH & BELCHER W 50xN 100 M B 99. All work except painting, papering, heating, wall beds, trim hardware, lighting fixtures, shades, mantel tile for three story frame building (church, parsonage and girls' home).
Owner—First Norweglan Danish M. E. Church.
Architect—Willson J. Wythe, Central Bank Bldg., Oakland.
Contractor — Joel Johnson & Son, 180 Jessie St., San Francisco.
Filed July 5, '23. Dated May 28, '23.
Payments of actual cost plus 5%.
on 3rd of each month.....
On completion.....Balance
TOTAL COST plus 5% not to exceed $44,778.
Bond, $23,000. Sureties, Elmer Carlson and Adam Arras. Limit, 120 days. Forfeit, none. Plans and specifications filed.

COTTAGES
(2667) E FORTY-EIGHTH AVE 30 S Balboa S 50xE 90. All work for two six-room cottages.
Owner—Gustave Moeller, 2221 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed July 5, '23. Dated May 1, '23.
Frame up $2400
Brown coated 2400
Completed 2400
Usual 35 days 2400
TOTAL COST, $9600
Bone. none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2668) W FORTY-SEVENTH AVE — S 25 W 120 N 10 E 30 N 15 E 90. All work for one six-room cottage.
Owner—W. H. Sale, 791 18th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed July 5, '23. Dated May 1, '23.
Frame up $1250
Brown coated 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGES
(2669) W FORTY-SEVENTH AVE 25 S Balboa S 50xW 90. All work for two six-room cottages.
Owner—Stuart C. Way, 501 Taylor St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed July 5, '23. Dated May 1, '23.
Frame up $2525
Brown coated 2525
Completed 2525
Usual 35 days..... 2525
TOTAL COST, $10,100
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2670) W FORTY-SEVENTH AVE 100 S Balboa S 25xW 120. All work for one six-room cottage.
Owner—Grover S. Hawkins, 1260 16th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed July 5, '23. Dated May 1, '23.
Frame up $1250
Brown coated 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGE
(2671) W FORTY-SEVENTH AVE 125 S Balboa S 25xW 120. All work for one six-room cottage.
Owner— Ward L. Mee.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed July 5, '23. Dated May 1, '23.
Frame up $1250
Brown coated 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLINGS
(2672) S ANZA 90 and 115 E Forty-fourth Ave. Two one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $1500 each

DWELLING
(2673) S GEARY 85 E Forty-first Ave. One-story and basement frame dwelling.
Owner—W. K. Davis, 6312 Geary St., San Francisco.
Architect—None.
Contractor—E. A. Janssen, 402 Hearst Bldg., San Francisco. $5500

DWELLING
(2674) NW NEWCOMBE AND LANE. Two-story and basement frame dwelling.
Owner—G. G. Molema, 1450 McKinnon Ave., San Francisco.
Architect—K. Molema, Oakland. $5000

ALTERATIONS
(2675) NO. 500 BUSH. Construct gallery and remodel show windows.
Owner—J. C. Huang and R. T. Dang, 853 Clay St., San Francisco.
Architect — Richard R. Irvine, Call Bldg., San Francisco.
Contractor—Chas. S. Delaney, 2415 Bush St., San Francisco. $1000

ALTERATIONS
(2676) NO. 532 CASTRO. Remodel for store and flat.
Owner—Miss M. Raune, Premises.
Architect—None.
Contractor—Geo. C. Todhunter, 1088 Ashbury St., San Francisco. $1000

RESIDENCE
(2677) NO. 3230 JENNINGS. Two-story and basement frame residence
Owner—Satirios Tjogas, Premises.
Architect—None. $4000

DWELLINGS
(2678) W LEE AVE 275 S Grafton Two one-story and basement frame dwellings.
Owner—G. Averhousen, 133 Bertita St., San Francisco.
Architect—None. $2000 each

ALTERATIONS
(2679) NO. 1326 REVERE AVE. Alterations and additions to dwelling.
Owner—Jos. Cerutti, Premises.
Plans by Contractor.
Contractor—M. Eads, 631 Andover St., San Francisco. $3000

ALTERATIONS
(2680) NO 521 MISSION. Install metal sash in front of 1st and 2nd floors; also in light courts, wire glass for warehouse.
Owner—Bothin Real Estate Co., 604 Mission St., San Francisco.
Architect—A. S. Bugbee, 36 Montgomery St., San Francisco.
Architect—L. A. Hinson, 1228 Grove St., xSan Francisco. $1000

FLATS.
(2681) W 10TH AVE., 405.9 S Balboa. Two-story and basement frame (2) flats.
Owner—Sara Sultan, Richland Hotel, San Francisco.
Architect—None.
Contractor—Gustav Peterson, 683 9th Ave. $11,400

STORE FRONTS.
(2682) 604 MISSION ST. Plate-glass and tile store fronts.
Owner—Bothin Real Estate Co., 604 Mission St.
Architect—A. S. Bugbee, 36 Montgomery St., San Francisco.
Contractor—L. A. Hinson, 1228 Grove St., San Francisco. $1200

OFFICE BUILDING.
(2683) NE. POST AND POWELL, N. 138.5 x E. 162-9. Interior tile work for 10-story class A office building.
Owner—Wm. M. and Mary E. Fitzhugh.
Architect—Reld Bros., 105 Montgomery St., San Francisco.
Frame up $1250
Brown coated 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLINGS
(2672) S ANZA 90 and 115 E Forty-fourth Ave. Two one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $1500 each

DWELLING
(2673) S GEARY 85 E Forty-first Ave. One-story and basement frame dwelling.
Owner—W. K. Davis, 6312 Geary St., San Francisco.
Architect—None.
Contractor—E. A. Janssen, 402 Hearst Bldg., San Francisco. $5500

DWELLING
(2674) NW NEWCOMBE AND LANE. Two-story and basement frame dwelling.
Owner—G. G. Molema, 1450 McKinnon Ave., San Francisco.
Architect—K. Molema, Oakland. $5000

ALTERATIONS
(2675) NO. 500 BUSH. Construct gallery and remodel show windows.
Owner—J. C. Huang and R. T. Dang, 853 Clay St., San Francisco.
Architect — Richard R. Irvine, Call Bldg., San Francisco.
Contractor—Chas. S. Delaney, 2415 Bush St., San Francisco. $1000

ALTERATIONS
(2676) NO. 532 CASTRO. Remodel for store and flat.
Owner—Miss M. Raune, Premises.
Architect—None.
Contractor—Geo. C. Todhunter, 1088 Ashbury St., San Francisco. $1000

RESIDENCE
(2677) NO. 3230 JENNINGS. Two-story and basement frame residence
Owner—Satirios Tjogas, Premises.
Architect—None. $4000

DWELLINGS
(2678) W LEE AVE 275 S Grafton Two one-story and basement frame dwellings.
Owner—G. Averhousen, 133 Bertita St., San Francisco.
Architect—None. $2000 each

ALTERATIONS
(2679) NO. 1326 REVERE AVE. Alterations and additions to dwelling.
Owner—Jos. Cerutti, Premises.
Plans by Contractor.
Contractor—M. Eads, 631 Andover St., San Francisco. $3000

ALTERATIONS
(2680) NO 521 MISSION. Install metal sash in front of 1st and 2nd floors; also in light courts, wire glass for warehouse.
Owner—Bothin Real Estate Co., 604 Mission St., San Francisco.
Architect—A. S. Bugbee, 36 Montgomery St., San Francisco.
Architect—L. A. Hinson, 1228 Grove St., xSan Francisco. $1000

FLATS.
(2681) W 10TH AVE., 405.9 S Balboa. Two-story and basement frame (2) flats.
Owner—Sara Sultan, Richland Hotel, San Francisco.
Architect—None.
Contractor—Gustav Peterson, 683 9th Ave. $11,400

STORE FRONTS.
(2682) 604 MISSION ST. Plate-glass and tile store fronts.
Owner—Bothin Real Estate Co., 604 Mission St.
Architect—A. S. Bugbee, 36 Montgomery St., San Francisco.
Contractor—L. A. Hinson, 1228 Grove St., San Francisco. $1200

OFFICE BUILDING.
(2683) NE. POST AND POWELL, N. 138.5 x E. 162-9. Interior tile work for 10-story class A office building.
Owner—Wm. M. and Mary E. Fitzhugh.
Architect—Reld Bros., 105 Montgomery St., San Francisco.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed July 6, 1923. Dated June 28, 1923.
On 10th of each month..... 75%
Usual 35 days after 25%
TOTAL COST $4865.50
Bond, $2430; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit, Nov. 1, 1923. Plans and specifications filed.

BUNGALOW.
(2684) E. 20TH AVE., 125 N Balboa, N 25 x E 120. One-story bungalow.
Owner—Elias Behrend, 510 Page St., San Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.
Filed July 6, 1923. Dated June 16, 1923.
Frame up and enclosed.....$1350
Rough plastered 1350
Completed and accepted 1350
Usual 35 days after 1350
TOTAL COST, $5400
Bond, none; Sureties, none; Forfeit, $3.00; Limit, 120. Plans and specifications filed.

RESIDENCE
(2685) LOT 2 BLK 1, St. Francis Wood Extn. No. 1. All work for residence and garage.
Owner—St. Francis Wood Co., 278 Post St., San Francisco.
Architect—Harold G. Stoner, 1st Nat'l. Bank Bldg., San Francisco.
Contractor—Boxton & Zwieg, 809 Flatiron Bldg., San Francisco.
Filed July 6, '23. Dated July 2, '23.
Frame up $2876
Brown coated 2875
Completed and accepted..... 2875
Usual 35 days..... 2876
TOTAL COST, $11,500
Bond, $5750. Sureties, E. C. Hueter & O. M. Hueter. Limit, Nov. 30, 1923. Forfeit, $2.50. Plans and specifications filed.

RESIDENCE
(2686) N FRANCISCO 200 E Octavia E 25xN 137-6. All work for two-story and basement frame residence.
Owner—Paul Gaviati, 63 Alvarado St., San Francisco.
Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., Inc., 5326 Geary St., San Francisco.
Filed July 6, '23. Dated July 3, '23.
Wall and roof sheathing on....$2725
Brown coated 2725
Completed and accepted..... 2725
Usual 35 days..... 2725
TOTAL COST, $10,900
Bond, $5450. Sureties, Anna and Theodore G. Meyer. Limit, 75 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(2687) LOT 11 on Curtis of Crocker Amazon Tract. All work for one-story and basement residence.
Owner—A. Orlandi, 38 Curtis St., San Francisco.
Architect — George H. Skidmore, 302 Kearny St., San Francisco.
Contractor — H. E. Hansen, 1919 San Jose Ave., San Francisco.
Filed July 6, '23. Dated ———.
Enclosed ..... ¼
Plastered ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $4600
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2688) SE TWENTY-FIFTH & UTAH Remodel for (2) flats.
Owner—F. & J. Nielsen Bros., 2350 Bryant St., San Francisco.
Architect—None. $1600

ALTERATIONS
(2689) NO. 3997 ARMY. Re-arrange store for flat.
Owner—D. Breen, Premises.
Architect—None.
Contractor—F. & J. Nielsen Bros., 2350 Bryant St., San Francisco. $2950

DWELLINGS
(2690) W TWENTY-SECOND AVE 208 and 234 S Irving. Two one-story and basement frame dwlgs.
Owner—M. C. Rench, 1301 4th Ave., San Francisco.
Architect—None. $3000 ea

ADDITIONS
(2691) W SCOTT 100 N Lombard. Additions and alterations for (12) frame apartments.
Owner—H. P. Coustette, 3227 Scott St., San Francisco.
Architect — Evans & Co., 359 Pacific Bldg., San Francisco. $40,000

DWELLING
(2692) N PALOMA 180 W Moncada. One and one-half-story and basement frame dwelling.
Owner—Urban Realty Improvement Co. 39 Montgomery St., S. F.
Plans by Contractor.
Contractor—Leonard & Holt, 39 Montgomery St., San Francisco. $8750

RESIDENCE
(2693) E NINETEENTH AVE 50 S Noriega S 25xE 95. All work for frame residence.
Owner—Albert H. and Mary E. T. Duggin, 1250 Bush St., San Francisco.
Architect—Griewank & Buckley, Call Bldg., San Francisco.
Contractor—McCauley & Webber, 247 Granada Ave., San Francisco.
Filed July 7, '23. Dated June 29, '23.
On signing contract.....$190
Enclosed 875
Plastering completed 875
Completed 875
Usual 35 days..... 875
TOTAL COST, $3690
Bond, $1750. Sureties, McCauley & Webber. Limit, 90 days. Forfeit, none Plans and specifications, none.

BUILDING
(2694) E TAYLOR 62-4 N Broadway N 37-8 E 137-6 S 37-6 W 46-6 S 2 W 91. All work for three-story and basement frame building.
Owner—Jos. and Celina Labarbere, 1659 California St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor — Denke & Bowers, 1317 Hyde St., San Francisco.
Filed July 7, '23. Dated July 7, '23.
2nd floor joists set.....$ 7,755
Roof on 7,755
Inside rough plastered..... 7,755
Completed 7,755
Usual 35 days..... 10,340
TOTAL COST, $41,360
Bond, Mtge. to owners on W Hyde 73-9 N Clay N 31-10½xW 137-6 to secure performance of contract. Limit, 150 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(2695) N EDDY 97-6 W Jones. Six-story and basement steel frame and concrete (22) apartments and stores.
Owner—R. J. O'Brien, 608 Alexander Bldg., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor — Kiernan & O'Brien, 1756 Mission St., San Francisco. $75,000

ALTERATIONS
(2696) NO. 2138 TWENTY-THIRD ST. Remodel store for 2 rooms, concrete work, etc.
Owner—Wm. A. Gillham, Premises.
Architect—None.
Contractor—D. Scanlan, 564 Bartlett St., San Francisco. $2000

DWELLING
(2697) NE JARBOE AND FOLSOM. One-story and basement frame dwelling.
Owner—Mario Ambra, 412 Anderson St., San Francisco.
Plans by Owner. $3500

REMODEL COTTAGE.
(2698) 3593 MISSION ST. Remodel cottage.
Owner—John Kupisc, 3593 Mission St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $1000

FLATS.
(2699) N. DUNCAN, 225 W. Guerrero. Two-story and basement frame (2) flats.
Owner—Fred Isaacson & Otto Nylund, 537 Forester St., San Francisco.
Architect—None. $7800

WALL
(2700) FRANKLIN AND JACKSON. All work for building wall on Walker property.
Owner—J. G. Walker Co., Sharon Bldg., San Francisco.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Contractor — M. V. Brady, Monadnock Bldg., San Francisco.
Filed July 9, '23. Dated May 14, '23.
TOTAL COST, $1075
Bond, limit, forfeit, none. Plans only filed.

STRUCTURAL STEEL
(2701) S POST 137-6 W Powell — 55 xS 137-6. Structural steel for St. Francis Hotel extension.
Owner—Crocker Hotel Co., NW Powell and Geary Sts., San Francisco.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Dyer Bros., 17th and Kansas Sts., San Francisco.
Filed July 9, '23. Dated June 15, '23.
30 days from date.....$10,000
Ready for fabrication..... 50,000
On completion of riveting.... 10,000
36 days after 2,708
TOTAL COST, $72,708
Bond, $36,354. Sureties, Geo. R. Dyer and R. W. Dyer. Limit, forfeit, plans and specifications, none.

SALT WATER SYSTEM
(2702) INT. HUMBOLDT & DELAware N 100xE 25; INT. HUMBOLDT and Massachusetts N 20xE 60. All work for salt water system structures at Potrero gas works.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Filed July 9, '23. Dated June 29, '23.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $32,538
Bond, $17,500. Surety, Fidelity & Deposit Co. of Maryland. Limit, 100 days. Forfeit, none. Plans and specifications filed.

NURSES' HOME
(2703) NE ANZA AND SIXTH AVE N 104xE 55. Grading, concrete, brick, carpenter, steel, metal, plumbing, electric work, painting for four-story and basement Class C brick and concrete building (nurses' home).
Owner—La Societe Francaise de Bienfaisance Mutuelle, Premises.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor—H. H. Larsen Co., 251 Kearny St., San Francisco.
Filed July 9, 1923. Dated June 23, 1923.
Reinforced concrete frame up to second story $9450
Reinforced concrete work completed 9450
Brick work completed 9450
Ready for lathing 9450
Rough coat plaster on 9450
Completed and accepted 9450
Usual 35 days after 18950
TOTAL COST $75,740
Bond, $37,870. Sureties, Jas. S. Sampson, L. B. Sibley. Forfeit, $50. Limit, 140 days. Plans and specifications filed.

STORES AND FLATS
(2704) NE SAN BRUNO AVE AND Silver Ave. All work for two-story frame stores and flats.
Owner—John and Barbara Golobrick, Premises.
Architect—Edw. J. O'Connor, 346 Woolsey St., San Francisco.
Contractor—Joseph Maguire, 576 Colby St., San Francisco.
Filed July 9, '23. Dated July 2, '23.
Mud sills in place.....$2000
2nd floor joists in place..... 2000
Frame completed 2000
Brown coated 2000
Completed and accepted..... 3800
Usual 35 days..... 2000
TOTAL COST, $13,800
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

MACHINE SHOP
(2705) N HOWARD 95-10 E Beale. All work for plastering one-story reinforced concrete machine shop.
Owner—Christie Machine Works, 191 Fremont St., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor—E. E. Valentino, 1047 Ingerson St., San Francisco.
Filed July 9, '23. Dated July 6, '23.
Completed and accepted.....$146
Usual 35 days..... 49
TOTAL COST, $195
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

CONCRETE BLDG.
(2706) N HOWARD 45-10 E Beale. All work for lathing and plastering three-story reinforced concrete building.
Owner—Christie Machine Works, 191 Fremont St., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor—E. E. Valentino, 1047 Ingerson St., San Francisco.
Filed July 9, '23. Dated July 6, '23.
Completed and accepted.....$705
Usual 35 days..... 235
TOTAL COST, $940
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(2707) E ASHTON AVE 200 N Holloway Ave N 25xE 100. All work for one-story and basement frame building.
Owner—Morris Langfelder, 463 Waller St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Gustav Benson, 325 Lowell St., San Francisco.
Filed July 9, '23. Dated July 6, '23.
Frame up and wall sheathing and roof sheathing on $1500
Brown coated 1500
Completed and accepted..... 1500
Usual 35 days..... 1500
TOTAL COST, $6000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(2708) E ASHTON AVE 200 N Holloway Ave N 25xE 100. All work for one-story and basement dwelling.
Owner—Morris Langfelder, 463 Waller St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Gustav Benson, 325 Lowell St., San Francisco.
Filed July 9, '23. Dated July 6, '23.
Frame up & roof sheathing on.$1500
Brown coated 1500
Completed and accepted..... 1500
Usual 35 days..... 1500
TOTAL COST, $6000
Bond, none. Limit, 90 days Forfeit, plans and specifications, none.

FIRE ALARM STATIONS, ETC.
(2709) N FILBERT 137-6 E Powell E 137-6xN 160. All work for clocks, 20 buzzars fire alarm stations, etc., for SS Peters & Pauls Church.
Owner—The Roman Catholic Archbishop of San Francisco.
Architect—Chas. Fantoni, 550 Montgomery St., San Francisco.
Contractor—The Standard Elec. Time Co., 461 Market St., San Francisco.
Filed July 9, '23. Dated June 28, '23.
Usual 35 days.....$3600
TOTAL COST, $3600
Bond, none. Limit, 95 days. Forfeit, $5. Plans and specifications, none.

APARTMENTS
(2710) SE FIFTEENTH AND JULIAN Ave E 34xS 80. All work for two-story frame apartments.
Owner—Mary Jane Anglum, 51 Guerrero St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contracor—A. H. Beetham, 3555 18th St., San Francisco.
Filed July 9, '23. Dated June —, '23.
Rough frame up, roof and floors and oustide sheathed.....$6207.50
Brown coated and rough plumbing in 6207.50
Completed 6207.50
Usual 35 days..... 6207.50
TOTAL COST, $24,830.00
Bond, $12,500. Sureties, Grace S. Beetham and Ida Myers. Limit, none. Forfeit, $10. Plans and specifications filed.

APARTMENTS
(2711) W HYDE 87-6 N Ellis. 5-story and basement reinforced concrete (25) apartments.
Owner—M. A. Hunt, 1332 Lombard St., San Francisco.
Plans by owner.
Contractor—The Helbing Co. 1332 Lombard St., S. F. $60,000

WAREHOUSE
(2712) N ARMY BET. MISSISSIPPI & Missouri. 1-story reinforced concrete warehouse.
Owner—Edw. L. Soule Co., Rialto Bldg. San Francisco.
Architect—None. $60,000

FLATS
(2713) W TWENTY-FIRST AVE. 235 N Fulton. 2-story and basement frame (2) flats.
Owner—John Little, 1035 Lincoln Way San Francisco.
Architect—None.
Contractor—John Little & Son, 1035 Lincoln Way, S. F. $9000

STORES
(2714) NW GOUGH & HAIGHT STS. 1-story frame (4) stores.
Owner—W. Conlin, et al., care architects.
Architect—O'Brien Bros., Inc., No. 315 Montgomery St., S. F. $6000

DWELLING
(2715) S CLAY 80 W Presidio Avenue. Remodel (2) flats for dwelling.
Owner—Mrs. A. M. Kalmbach, 3317 Clay St., San Francisco.
Architect—None.
Contractor — Taylor & Goericke, 220 Sharon Bldg., S. F. $3500

DWELLING
(2716) E SAN FERNANDO 75 S Monterey Blvd. 1½-story and basement frame dwelling.
Owner — C. M. Hueter, 805 Flatiron Bldg., San Francisco.
Architect—H. G. Stoner, 1st Natl. Bank Bldg., S. F.
Contractor—Boxton & Zwieg, 899 Flatiron Bldg., S. F. $6000

DWELLING
(2717) W PLYMOUTH 200 S Grafton. 1-story and basement frame dwlg.
Owner—J. Kelleher, 302 Virginia Ave., San Francisco.
Architect—None. $2000

DWELLING
(2718) E CURTISS 450 N Morse. 1-sto. and basement frame dwelling.
Owner—E. J. Hargrave, 360 Lombard St., San Francisco.
Architect—None. $3000

DWELLING
(2719) E ASHTON AVE. 200 N Holloway. 1-story and basement frame dwelling.
Owner—Morris Langfilder, 370 Herman St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Gustav Benson, 325 Lowell St., San Francisco. $2500

DWELLING
(2720) S EDINBURGH 75 N E Persia. 1½-story & basement frame dwlg.
Owner—George Gustafson, 522 Moscow St., San Francisco.
Architect—None. $3000

APARTMENTS.
(2721 N. WASHINGTON, 68.9 W. Gough. Ten-story and basement and sub-basement class E reinforced concrete (9) apartments.
Owner—Two Thousand and Six Washington St., Inc., 802 Humboldt Bank Bldg., San Francisco.
Architect — C. A. Meussdorffer, 802 Humboldt Bank Bldg., S. F. $450,000

OFFICES.
(2722) W. SANSOME, bet. California and Pine Sts. Six-story and basement class "A" offices.
Owner—I. C. Kierulff, Balfour Bldg., San Francisco.
Architect—B. G. McDougall, Bush and Kearny Sts., San Francisco.
Contractor—Lindgren & Swinerton, 954 Monadnock Bldg., San Francisco. $140,000

DWELLINGS.
(2723) E 16TH AVE., 100, 125, 150 N Lawton. Three 1-story and basement frame dwellings.
Owner—Oscar Heyman & Brother, 742 Market St., San Francisco.
Architect—A. J. Stern, 742 Market St., San Francisco. $3000 each

FLATS.
(2724) E 33RD AVE. 100, 125, 150 N Fulton. Two 2-story and basement frame (2) flats.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $8000 each

ALTERATIONS.
(2725) 33 BURNSIDE AVE. Alterations and additions to a 1-story and basement frame bldg.
Owner—L. Belvedere, 33 Burnside Ave., San Francisco.
Architect—None.
Contractor—U. Gasperetti, 3400 San Bruno Ave., San Francisco.
Filed July 9, 1923. Dated June 19, 1923.
Ready for roofing $1325
Brown coated 1325
Completed and accepted 1325
Usual 35 days after 1325
TOTAL COST $5300
Bond, none. Sureties, none. Forfeit, none. Limit, 90 days. Plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

July 5, 1923—E FORTY-FIFTH AVE 105 S Anza S 50 E 100 m or 1 NE 50 m or 1 W 120 m or 1 to beg. John Gray to Meyer Bros. June 29, '23

July 5, 1923—N FULTON 107-6 E Nineteenth Ave. H H and Harriet H Somers to H C Christiansen.... .....July 2, 1923

July 5, 1923—E FORTY-FIFTH AVE 80 S Anza S 25xE 85. Gustave Moeller to Meyer Bros..June 29, 1923

July 5, 1923—S COR. SEVENTH & Bryant SE 50xSW 80. I M Sommer to whom it may concern. July 2, 1923

July 5, 1923—S CLEMENT 95 E Twentieth Ave E 25xS 100. Wm A Miller to whom it may concern.. .....July 5, 1923

July 5, 1923—S ANZA 156-5 E Forty-fifth Ave W 46-5 S 105 E to land conveyed to McCarthy Co NE to beg. Clarence P. Thompson to Meyer Bros.....June 29, 1923

July 5, 1923—S ANZA 85 E Forty-fifth Ave E 25xS 105. Clarence P Thompson to Meyer Bros..... .....June 29, 1923

July 5, 1923—E FORTY-FIFTH AVE 55 S Anza S 25xE 95. Clarence P Thompson to Meyer Bros. June 29, '23

July 5, 1923—N MAGELLAN AVE 330 W Cortez Ave. H. R. Blair Jr. to whom it may concern....May 20, 1923

July 5, 1923—E THIRTY-FOURTH Ave. 200 S Anza & 225 S Anza 25x 120 each. Ragner Monson to whom it may concern .....July 6, 1923

July 5 ,1923—LOTS 6, 8, 10 BLK 3110 Westwood Park. Hans & Esther E. Nelson to whom it may concern.. .....July 5, 1923

July 5, 1923—W FORTY-FOURTH Ave. 300 S Lincoln Way S 25 x 120. Cecilia M. Pohlmann to Peter Kiernan .....June 28, 1923

July 5, 1923—LOT 24 BLK 3 CROCKER Amazon Tr. Carl E. Hyman to whom it may concern....July 5, 1923

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

July 6, 1923—LOT 26 BLK 2928 Claremont Court Parcel 2 Map Blks 2975, 2988 and 2989, Claremont Court Parcel 2. Aug J Lang to C P Parker.....June 25, 1923

July 6, 1923—N BUSH 135-6 W Mason W 30xN 137-6. Bertha Basye to Spencer Elevator Co....June 22, 1923

July 6, 1923—W FOURTH AVE 175 S Clement S 25xW 120. F A Eskilson to whom it may concern. July 5, 1923

July 6, 1923—LAND LYING E. OF present California Academy of Sciences Bldg., in Golden Gate Park. California Academy of Sciences with S. & S. Tile Co..... .....June 26, 1923

July 6, 1923—LAND LYING E. OF present California Academy of Sciences Bldg., in Golden Gate Park. California Academy of Sciences with Frederick W. Snook Co. .....June 16, 1923

July 6, 1923—LAND LYING E. OF present California Academy of Sciences Bldg., in Golden Gate Park. California Academy of Sciences with Peter Bradley ....June 18, 1923

July 6, 1923—LAND LYING E. OF present California Academy of Sciences Bldg., in Golden Gate Park. California Academy of Sciences with Vincent J. Donovan.. .....June 18, 1923

July 6, 1923—LAND LYING E. OF present California Academy of Sciences Bldg., in Golden Gate Park. California Academy of Sciences with Standard Electrical Constr. Co.....June 18, 1923

July 6, 1923—LAND LYING E. OF present California Academy of Sciences Bldg., in Golden Gate Park. California Academy of Sciences with W. P. Fuller & Co.... .....June 18, 1923

July 6, 1923—N. CHARTER OAK Ave. 250 N. Thornton, N. 50x100. G. A. Borman to S. Saari ...July 6, 1923

July 6, 1923—NW. BRAZIL AVE. & Madrid, 25x100. P. Seccuti to L. Garino G. Moretton.....July 6, 1923

July 6, 1923—E. 39TH AVE., 175 S Geary, S. 100xE. 120. Meyer Bros to whom it may concern. July 5, 1923

July 6, 1923—E. 24TH AVE., 110 S. Cabrillo, S 25xE 120. H. O. Lindeman to W. R Lindeman. July 6, 1923

July 6, 1923—SW DAY & SAN JOSE Ave., 26.6x108. John Murphy and Nora Murphy to whom it may concern .....

July 6, 1923—SE. 45TH AVE. AND Balboa, 32-6x50. P. Joyce to Thos. M. Jones .....July 2, 1923

July 6, 1923—N. MIRAMAR AVE., 75 N. Holloway; N 25xW 100, ptn. lots 2-3-4, Blk. 15, Gate View. John Bolton Preston to whom it may concern .....

July 6, 1923—N. GUEIRRERO, 236-6 N 19th, N 25xW 100. Cornello Marchi to whom it may concern..... .....June 27, 1923

July 7, 1923—S UNION 162 W Baker W 25-10xS 120. Anna Bussenius... .....July 5, 1923

July 7, 1923—S CLEMENT 85 W 9th Ave W 52-6x100. Emil Thomas to C Olson.....June 28, 1923

July 7, 1923—NW TOWNSEND 359 NE Sixth E 70xNW 125; NW Townsend 449 NE Sixth NE 116xNW 125; SE Bluxome 449 NE Sixth NE 116 xSE 125. Moody Estate Co to Healy, Tibbitts Constr Co..... .....July 3, 1923

July 7, 1923—NO. 39 POND, bet. 16th and 17th. P J Hurley to C Doernan .....July 7, 1923

July 9, 1923—N BROADWAY 137-6 W Octavia W 68-9xN 137-6. The Heights to Reeder Constr Co..... .....June 23, 1923

July 9, 1923—W 16TH AVE., 175 S Judah, S 25 x W 120. Yates & Cooke to Walter H. Yates..... .....July 9, 1923

July 9, 1923—SE 27TH AVE AND Geary, S 100 x E 60. Konrad and Josephine Kleppel to M. C. Ingraham. .....July 3, 1923

July 9, 1923—W 4TH ST., 80 S Mission, S 50, W 75, S 30, W 25, N 80, E 100. J. Allec to H. L. Petersen .....July 7, 1923

July 9, 1923—SW LAUREL and Jackson, W 67-6 x S 93. A. G. Sala to Conlon & Klein .....July 9, 1923

July 10, 1923—NE BOSWORTH AND Milton N 75xE 25. Alfred E Hind to Frank S Forrest.....July 7, 1923

July 10, 1923—N BOSWORTH 25 and 75 E Milton E 25xN 75. Alfred E Hind to Frank S Forrest.July 7, 1923
July 10, 1923—N BOSWORTH 50 E Milton E 25xN 75. Alfred E Hind to Frank S Forrest.....July 9, 1923
July 10, 1923—S GEARY 53-4 E 21st Ave E 80xS 100. S Rummelsburg to C O Clausen.....July 7, 1923
July 10, 1923—N ANZA 76-9 W 46th Ave 26-9x120. A G Bennett to whom it may concern..July 10, 1923
July 10, 1923—N TWENTIETH 100 W Church 25x114. Thos J Feeney to whom it may concern.July 10, 1923
July 10, 1923—SE MARKET 462 SW Seventh SW 44xSE 165. A F Rousreau and Marian Realty Co to whom it may concern....July 9, 1923
July 10, 1923—W TWENTY-FIRST Ave 125 N Cabrillo N 25xW 120. Nick Hemminga to whom it may concern.....July 10, 1923
July 10, 1923—NE CALIFORNIA AND Gough E 55xN 87-6. The California and Gough Bldg Co to MacDonald & Kahn.....July 5, 1923
July 10, 1923—NO. 600 STOCKTON. Metropolitan Life Ins Co to J E Back Co.....July 7, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

July 6, 1923—E TWENTIETH AVE 200 N Irving N 25xE 120. E M Dundley vs J C Gibson.....$275
July 6, 1923—E TWENTIETH AVE 200 N Irving N 25xE 120. R Kahler & Son vs J C and Florence E Gibson $60
July 10, 1923—E THIRTY-FIFTH AV 50 S Lincoln Way E 107-5xS 25. R Kahler & Son vs J C & Florence E Gibson.....$70
July 10, 1923—E THIRTY-FIFTH AV 75 S Lincoln Way E 107-5xS 25. R Kahler & Son vs J C & Florence E Gibson.....$70
July 10, 1923—S LINCOLN WAY 107-5 E Thirty-fifth Ave E 25xS 100. R Kahler & Son vs J C and Florence E Gibson $70
July 10, 1923—SE LINCOLN WAY & Thirty-fifth Ave E 107-5xS 25. R Kahler & Son vs J C and Florence E. Gibson $275
July 10, 1923—E THIRTY-FIFTH AV 25 S Lincoln Way E 107-5xS 25 R Kahler & Son vs J C & Florence E Gibson $70

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

July 9, 1923—E 7TH AVE., 50 S Judah, S 25 x E 95. Raymond Paul vs. John E. and Katherine Hallgren .....
July 10, 1923—SW CHURCH AND Twenty-fourth S 89xW 75. Friedman Bros to Frank Hoffman.....

ASSIGNMENT OF BLDG. CONTRACT

SAN FRANCISCO COUNTY

July 5, 1923—E CASTRO 25-6 S 22nd. A. L. Stone to E. F. Enochs & W. F. Wood. Contract made with Mary E. Collins .....
June 5, 1923—3736 JACKSON ST. A. L. Stone to E. F. Enochs & W. F. Wood. Contract made with W. Davis .....
July 5, 1923—SW VAN NESS AND Greenwich Sts. A. L. Stone to E. F. Enochs & W. F. Wood. Contract made with T. J. Swift .....

BUILDING CONTRACTS

ALAMEDA COUNTY

The following is an index for the contracts in this issue.

No	Owner	Contractor	Amt
3107	Franck	Randlett	13990
3108	Luce	Owner	1000
3109	Waldren	Same	1850
3110	Meinecke	Vollmer	4500
3111	Mack	King	3500
3112	Hine	Pond	7200
3113	Duckworth	Owner	1000
3114	McFarland	Nelson	3200
3115	Morrell	Owner	3900
3116	Pedersen	Olsen	4500
3117	Rump	Sorenson	7200
3118	Mills	Conner	4100
3119	Pac. G & E	Renner	3865
3120	Jennings	Steffen	3750
3121	Shell	Elliot	4000
3122	Brayton	Kidder	10600
3123	Westphal	Maltanen	16000
3124	Lavigne	Smith	3000
3125	Kesti	Owner	2500
3126	Farnum	Jensen	1400
3127	Petrie	Stanley	4500
3128	Peters	Owner	2950
3129	Sprotte	Owner	4500
3130	Knoltz	Owner	3500
3131	Clausen	Owner	4500
3132	Brennan	Owner	4450
3133	McIntosh	Pratt	2000
3134	Lyon	Muller	——
3135	MacGregor	Owner	30000
3136	Lassen	Owner	5400
3137	Lansluck	Owner	8000
3138	Dutton	Owner	4000
3139	Short	Owner	5500
3140	Scammell	Owner	5200
3141	Schroeder	Owner	6250
3142	Windsor	Windsor	5500
3143	Abbott	Parker	14561
3144	Proctor	Stolte	18,000
3145	Cunha	McWethy	9000
3146	Shade	Owner	3000
3147	Rutter	Goth	1420
3148	Mieralle	Owner	4000
3149	Tosset	West	6000
3150	Grimewald	Rogers	1000
3151	Bruener	Pacific	4897
3152	Bruener	Fuller	4000
3153	Oakland	Pieper	998
3154	Fabiola	Stobbe	1651
3155	McKee	Cuthbertson	1000
3156	Ekendahl	Owner	3000
3157	Wacub	Peterson	8700
3158	Wolbold	Owner	8000
3159	Casse	Zerte	4250
3160	Brattiani	Rose	1000
3161	Johnson	Russell	3500
3162	Guan	Rohlin	6000
3163	Douglas	Place	5400
3164	Carstens	Owner	3500
3165	Holtz	Newgard	1700
3166	Marengo	Prunetti	3250
3167	Cross	Owner	2000
3168	Ness	Owner	7000
3169	Andersen	Owner	3000
3170	Anderson	Owner	6000
3171	Williams	Henderson	1000
3172	Lee	Owner	3500
3173	Cameron	Owner	3000
3174	Cameron	Owner	9000
3175	Cameron	Owner	18000
3176	Johns	Martinsen	3500
3177	Zettesblad	Owner	3600
3178	McBride	Manley	1000
3179	Soranson	Owner	5200
3180	Gracie	Soranson	3900
3181	Williams	Owner	1800
3182	S. P. Co.	Wocker	2580
3183	Hayes	Owner	5000
3184	Graff	Same	15000
3185	Cardini	Tomatello	1600
3186	St. Stephens	Brigham	15000
3187	Sirich	Owner	11000
3188	Edwards	Same	2850
3189	Palmer	Lindquist	1500
3190	Alexander	Brown	1000
3191	Anderson	Same	3000
3192	Cahra	Valente	3928
3193	Choffino	Cisero	2000
3194	Ray	Moore	1200
3195	Hulmel	Busby	1000
3196	Carpenter	Owner	4000
3197	Mercier	Wood	2000
3198	Wayne	Wood	4000
3199	Perry	Owner	1600
3200	Reeves	Owner	1800
3201	Sigma	Monson	49798
3202	Nistr	Beadell	12450

GARAGE
(3107) S CENTRAL AVE. 100 W Park St., Berkeley. 1-story brick garage.
Owner—Max Franck & Son.
Architect—A. A. Cantin, S. F.
Contractor—E. A. Randlett, 1534 Chestnut St., Berkeley. $13,990

DWELLING
(3108) 2442 SEVENTH ST., Berkeley. 1-story 2-room dwelling.
Owner—H. Luce, 2148 Sacramento St., Berkeley. $1000

DWELLING
(3109) 758 BUENA VISTA, Berkeley. 1-story 3-room dwelling.
Owner—Mrs. W. Waldron, 758 Buena Vista Ave., Berkeley.
Architect—None.
Contractor—W. Waldron, 758 Buena Vista Ave., Berkeley. $1850

DWELLING
(3110) 2042 SAN JOSE, Berkeley. 1-story 5-room dwelling.
Owner—Mrs. E. Meinecke, San Jose.
Architect—None.
Contractor—W. G. Vollmer, 1183 Regent St., Berkeley. $4500

DWELLING
(3111) 862 LAUREL ST., Berkeley. 1-story 5-room dwelling.
Owner—W. M. Mack, 1032 Regent St., Berkeley.
Architect—None.
Contractor—C. D. King. $3500

DWELLINGS
(3112) 1435 & 1441 SIXTY-SIXTH AV., Oakland. 2 1-story 5-room dwlgs.
Owner—C. F. Hine, 366 7th St., S. F.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St., Oakland. $3600 each

DWELLING
(3113) E TULIP ST. 100 N Merrill, Oakland. 1-story 4-room dwelling.
Owner—James H. Duckworth, 1883 E-14th St., Oakland.
Architect—None. $1000

ALTERATION
(3114) 534 THIRTY-FIRST ST., Oakland, Alteration.
Owner—Alice McFarland, premises.
Architect—None.
Contractor—John Nelson, 1388 31st Ave. Oakland. $3200

DWELLING
(3115) 564 CROFTON AVE., Oakland. 1-story 5-room dwelling.
Owner—F. A. Morrell, 3408 Adeline St., Oakland.
Architect—None. $3900

OVEN
(3116) 3911 TELEGRAPH AVE., Oakland. Bake oven.
Owner—Pedersen Bros.
Architect—None.
Contractor—Arthur Olsen, 515 Apgar St Oakland. $4500

DWELLINGS
(3117) 5937 & 5941 BROMLEY, Oakland. 2 1-story 5-room dwellings.
Owner—Emily Rump, Alexander Apts., Oakland.
Architect—None.
Contractor—H. Sorenson, 1425 Webster St., Oakland. $3600 ea.

LAUNDRY
(3118) MILLS COLLEGE, Oakland. Laundry.
Owner—Mills College, a corp.
Architect—W. H. Ratcliff Jr., 1st Natl. Bank Bldg., Berkeley.
Contractor — Conner & Conner, 1733 Francisco St., Berkeley.
Filed July 5, 1923. Dated June 28, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $4100
Bond, Sureties, Forfeit, none; Limit, 40 days; Plans and specifications, none.

FOUNDATION
(3119) PT. 480 SW OF NE COR FIRST and Market Sts SW 80 SE 80, Oakland. Boiler foundation.
Owner—Pacific Gas & Electric Co.
Architect—None.
Contractor—Geo. A. Renner (Renner Foundation Co.), 628 Montgomery St., San Francisco.
Filed July 5, 1923. Dated June 26, 1923. Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $3865
Bond, $1935; Sureties, National Surety Co.; Forfeit, none; Limit 30 days; Plans and specifications filed.

DWELLING
(3120) N PARK AVE 51 E Holden St., Emeryville. One-story six-room dwelling.
Owner—J. F. and Anna Jennings.
Architect—None.
Contractor—G. W. Steffen, 1941 Crosby St., Oakland. $3750

OFFICE
(3121) SW SIXTY-SECOND AND Landregan, Emeryville. Frame office building.
Owner—Shell Co. of California, Prem.
Architect—None.

Contractor—Elliott & Grant, 180 Jessie St., San Francisco. $4000

DWELLING
(3122) 189 HILLCREST, Berkeley. 2-story 8-room dwelling.
Owner—Mrs. C. C. Brayton.
Architect—B. G. Officlo, Berk. Bank Bldg., Berkeley.
Contractor—H. C. Kidder, 1923 Francisco St., Berkeley. $10,600

DWELLING
(3123) 741 ARLINGTON, Berkeley. 2-story 8-room dwelling.
Owner—J. G. Westphal, 1709 Marin Ave Berkeley.
Architect—Sidney B & Noble Newson, Nev. Bank Bldg., S. F.
Contractor—Otto W. Mailanent, 3919 Opal St., Oakland. $16,000

DWELLING
(3124) 1632 PARKER ST., Berkeley. 1-story 5-room dwelling.
Owner—F. Lavigne, 3875 Market St., Oakland.
Architect—None.
Contractor — A. H. Smith, 3809 Telegraph Ave., Berkeley. $3000

DWELLING
(3125) 1211 ALLSTON WAY, Berkeley 1-story 5-room dwelling.
Owner—David Kesti, 2131 Curtis St., Berkeley.
Architect—None. $2500

GARAGE
(3126) 764 KINGSTON AVE., Oakland. Garage.
Owner—G. Farnum, premises.
Architect—None.
Contractor — Jensen & Pedersen, 3443 Adeline, Oakland. $1400

DWELLING
(3127) 4207 CARRINGTON ST., Oakland. 1-story 6-room dwelling.
Owner—G. F. Petrie, 4215 Carrington, Oakland.
Architect—None.
Contractor—J. H. Stanley, 1436 45th Ave., Oakland. $4500

DWELLING
(3128) 2245 SIXTY-SIXTH AVE., Oakland. 1-story 5-room dwelling.
Owner—L. A. Peters, 3485 Davis St., Oakland.
Architect—None. $2950

DWELLINGS
(3129) N BATES ROAD 200 245 E Holman Rd., Oakland. 2 1-story 6-room dwellings.
Owner—Edward Sprotte, 3634 Knigsley Oakland.
Architect—None. $4500 each

DWELLING
(3130) 4519 WALNUT AVE., Oakland. 1-story 5-room dwelling.
Owner—C. D. Knolty, 4626 Walnut Ave. Oakland.
Architect—None. $3500

DWELLING
(3131) 2521 FRUITVALE AVE., Oakland. 1-story 5-room dwelling.
Owner—Fred Clausen, 1506 28th Ave., Oakland.
Architect—None. $4500

DWELLINGS
(3132 1149 FLEET ROAD:
4145 & 4151 GREENWOOD AVE., Oakland. 3 1-story 6-room dwlgs.
Owner—Thos. F. Brennan, 1059 Wakefield Ave., Oakland.
Architect—None. $4450 each

DWELLING
(3133) W SEVENTY-THIRD 41 S Weld St., Oakland. 1-story 4-room dwlg.
Owner—J. McIntosh, 6821 E-14th St., Oakland.
Architect—None.
Contractor—C. A. Pratt, 1305 Filbert St., Oakland. $2000

GARAGE
3134) W PIEDMONT AVE. 300 N Broadway, Oakland. 1-story tile & steel garage.
Owner—H. B. & E. C. Lyon, 30th and Broadway, Oakland.
Architect—Edw. T. Foulkes, 12th and Webster Sts., Oakland.

Contractor — F. A. Muller, Syndicate Bldg., Oakland. $9000

DWELLINGS
(3135) 340 342 350 352 354 356 WILDwood Ave., Piedmont. 6 2-story 6-rdom dwellings and garage.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—C. M. MacGregor, 470 15th St., Oakland. $5000 each

DWELLING
(3136) 105 PALM DRIVE, Piedmont. 1-story 7-room dwelling and garage.
Owner—C. C. Lassen, 5340 Broadway, Oakland.
Architect—None. $5400

DWELLING
(3137) 1115 WINSOR AVE., Piedmont. 2-story 10-room dwelling and garage.
Owner—O. A. Lansluck, Hotel Sutter, Oakland.
Architect—None. $8000

DWELLING
(3138) 1141 RANLEIGH WAY, Piedmont. 1-story 5-room dwelling and garage.
Owner—W. J. Dutton, 5254 Manila Ave. Piedmont.
Architect—None. $4000

DWELLING
(3139) 1460 GRAND AVE., Piedmont. 1-story 6-room dwelling and garage.
Owner—Louise H. Short, 574 Rosal Ave Oakland.
Architect—None. $5500

DWELLING
(3140) 110 PACIFIC AVE., Piedmont. 1-story 6-room dwelling and garage.
Owner—J. W. Scammell, 205 Mountain Ave., Piedmont.
Architect—None. $5200

RESIDENCE
(3141) 522 Boulevard Way, Piedmont. 2-story 8-room residence and garage.
Owner—O. A. Schroeder, Federal Bldg., Oakland.
Architect—None. $6250

RESIDENCE
(3142) 959 KINGSTON AVE., Piedmont. 1-story 6-room residence and garage.
Owner—Martha Windsor, 597 Apgar St., Oakland.
Architect—None.
Contractor—Geo. Windsor, 597 Apgar St., Oakland. $5500

RESIDENCE
(3143) 428 BELLEVUE AVE., Piedmont. 2-story 9-room residence and garage.
Owner—Lorine L. Abbott, 25 Sheridan Ave., Piedmont.
Architect—None.
Contractor—Joe Parker, 944 E-14th St. Oakland. $14,561

RESIDENCE.
(3144) 201 CROCKER AVE., Piedmont. Carpentry work, etc., on 2-story 10-room residence and garage.
Owner — Mrs. Ada F. Marshall, 109 Crocker Ave., Piedmont.

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Architect—Sidney B. and Noble Newson, Nevada Bank Bldg., San Francisco.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. $18,000

DWELLING
(3145) N CALMAR 300 W Carlston, Oakland. 2-story 8-room dwelling.
Owner—A. C. Cunha, Syndicate Bldg., Oakland.
Architect—None.
Contractor — McWethy & Greenleaf. 2910 Telegraph Ave., Oakland. $9000

DWELLING
(3146) E ONE HUNDRED THIRD AV. 250 N Plymouth St., Oakland. 1-sory 5-room dwelling.
Owner—D. B. Shade, 1751 103rd Ove., Oakland.
Architect—None. $3000

GARAGES
(3147) SE COR. TWELFTH & WEST Sts., Oakland. 2 1-story garages.
Owner — John F. Rutter, Elmhurst, Oakland.
Architect, None.
Contractor—T. R. Goth, 2514 9th Ave., Oakland. $1420

DWELLING
(3148) 1018 FIFTY-NINTH ST., Oakland. 1-story 6-room dwelling.
Owner—G. Mieralle, 1018 69th St., Okd.
Architect—None. $4000

DWELLING
(3149) NE COR. SIXTY-SEVENTH AV and Flora St., Oakland. 1-story 7-room dwelling, 2-family.
Owner—Mrs. G. A. Tasset.
Architect—None.
Contractor—D. W. West, Haloday St., Oakland. $6000

ALTERATIONS
(3150) 3432 E-14th St., Oakland. Alterations.
Owner—A. Grimewald, 696 Wesley Ave. Oakland.
Architect—None.
Contractor — Chas. Rogers, 2115 64th Ave., Oakland. $1000

WAREHOUSE
(3151) N TWENTY-SECOND ST., bet. Chestnut and Adeline Sts, Oakland. Steel rolling doors for three-story reinforced concrete warehouse.
Owner—John Bruener Co.
Architect—None.
Contractor—Pacific Materials Co., 525 Market St., San Francisco.
Filed July 7, '23. Dated ——.
Materials delivered 50%
Installed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $4897
Bond, $2449. Surety, Indemnity Ins. Co. of North America. Limit, forfeit, none. Plans and specifications filed.

(3152) INTERIOR AND EXTERIOR glazing on above.
Contractor—W. P. Fuller Co., 359 10th St., Oakland.
Filed July 7, '23. Dated —.
—Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $4000
Bond, $2000. Surety, Union Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

BANK BLDG.
(3153) TWELFTH AND BROADWAY, Oakland. All work for wood hand rails for 17-story steel frame and brick bank building.
Owner—Oakland Bank, Premises.
Architect—None.
Contractor—A. H. Pieper and J. Meyer (as Oakland Stair Bldg. Co.), 412 Madison St., Oakland.
Filed July 7, '23. Dated ——.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $998
Bond, $499.50. Surety, Fidelity & Deposit Co. Limit, forfeit, none. Specifications only filed.

FIRE ESCAPES
(3154) BROADWAY AND MOSS AVE., Oakland. All work for fire escapes for four-story concrete hospital.
Owner—Fabiola Hospital Association, Premises.

Architect—P. J. Walker Co., Sharon Bldg., San Francisco.
Contractor — Stobbe & Romack, 2455 Valdez St., Oakland.
Filed July 7, '23. Dated ——.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST. $1651
Bond, $826. Surety, Fidelity & Deposit Co. Limit, forfeit, none. Plans and specifications filed.

RESIDENCE
(3155) 1032 MARIPOSA AVE., Berkeley. Addition to one-story residence
Owner—C. E. McKee.
Architect—None.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., S. F. $1000

RESIDENCE
(3156) 1542 LINCOLN, Berkeley. One-story residence.
Owner—Walter Ekendahl.
Architect—None. $3000

BLDG. & GARAGE
(3157) 74 EL CAMINO ROAD, Berkeley. 2-story bldg. and garage.
Owner—W. Wacub, Claremont near Upland, Berkeley.
Architect—Roy Coyle.
Contractor—A. Peterson, 3918 Linwood Ave., Oakland. $8700

RESIDENCE
(3158) PLAZA DRIVE, CLAREMONT Court, Berkeley. 1-story residence.
Owner—J. H. Wolbold, 2115 Center St., Berkeley.
Architect—None. $8000

DWELLING
(3159) LOT 26 BLK A LEVISTON TCT Berkeley. 1-story dwelling.
Owner—F. A. Casse R. F. D. No. 1, Box 36, Berkeley.
Architect—None.
Contractor—Carl N. Zeite, 2544 Milvia St., Berkeley. $4250

ADDITION
(3160) 1386 SIXTEENTH ST., Oakland 2-story addition.
Owner—Joe Brattiani, 1386 16th St., Oakland.
Architect—None.
Contractor—Joe Rose, 427 Webster St., Oakland. $1000

DWELLING
(3161) 6226 HAYES ST, Oakland. 1-story 9-room dwelling.
Owner — Miss Emma Johnson, 6226 Hayes St., Oakland.
Architect—None.
Contractor—Robt. Russell, 6251 Hayes St., Oakland. $3500

DWELLING
(3162) 687 SPRUCE ST., Oakland. 2-story 7-room dwelling.
Owner—S. T. Guan.
Architect—None.
Contractor—G. E. Rohhin, 357 Athol Ave., Oakland. $6000

ADDITION
(3163) SE COR. SECOND AVE. & E-12th St., Oakland. Addition.
Owner—E. Douglas, 1717 Linder St., Oakland.
Architect—None.
Contractor—N. M. Place, 310 Fairmont Ave., Oakland. $5400

DWELLING
(3164) S FORTY-THIRD ST. 240 N Grand Ave., Oakland. 1-story 6-room dwelling.
Owner—E. V. Carstens, 695 43rd St., Oakland.
Architect—None. $3500

OFFICE
(3165) SE COR. FIFTIETH AVE. AND E-14th St., Oakland. 2-story 4-room office.
Owner—P. M. Holtz, 4731 Clement Ave Oakland.
Architect—None.
Contractor—N. Neergard, Oak. $1700

DWELLING
(3166) 8738 G St., Oakland. 1-story 5-room dwelling.
Owner—Z. B. Marengo, Oakland.
Architect—None.
Contractor—E. Prunetti, 1604 94th Ave. Oakland. $3250

DWELLING
(3167) W SEMINARY AVE., 555 S Tevis St., Oakland. 1-story 4-room dwelling.
Owner—C. J. Cross, Oakland.
Architect—None. $2000

DWELLING
(3168) 827 BARBARA ROAD, Oakland 2-story 6-room dwelling.
Owner—Ole Ness, 1106 E-22nd St., Oakland.
Architect—None. $7000

DWELLING
(3169) W SIXTY-THIRD AVE 130 S Avenal, Oakland. 1-story 5-room dwelling.
Owner—A. T. Andersen, 2248 62nd Ave., Oakland.
Architect—None. $3000

DWELLINGS
(3170) E SIXTY-THIRD AVE 130 160 S Avenal Ave., Oakland. 2 1-story 5-room dwellings.
Owner—A. T. Anderson, 2248 62nd Ave., Oakland.
Architect—None. $3000 ea

ALTERATION
(3171) NW COR. SEVENTEENTH & Telegraph, Oakland. Alterations.
Owner—Lem Williams, 17th and Telegraph, Oakland.
Architect—None.
Contractor — H. B. Henderson, 3737 Broadway, Oakland. $1000

DWELLING.
(3172) SW. COR. FOOT HILL BOULEVARD and 82nd Ave., Oakland. One-story 6-room dwelling.
Owner—J. E. Lee, 3921 Foot Hill Boulevard, Oakland.
Architect—None. $3500

DWELLING.
(3173) SW. COR. MAPLE AVE. AND Maine St., Oakland. One-story 5-room dwelling.
Owner—H. C. Cameron, 5619 Vera St., Oakland.
Architect—None. $3000

DWELLINGS.
(3174) W. MAPLE AVE., 40, 81, 121 N. Texas St., Oakland. Three 1-story 5-room dwellings.
Owner—H. C. Cameron, 5619 Dover St., Oakland.
Architect—None. $3000 each

DWELLINGS.
(3175) N. SCHOOL ST., 86, 126, 166, 206, 246, 286 E. Peralta Ave. Six 1-story 5-room dwellings.
Owner—H. C. Cameron, 5619 Dover St., Oakland.
Architect—None. $3000 each

DWELLING.
(3176) N. WALLACE ST., 70 S. 19TH Ave., Oakland. Two-story 5-room dwelling.
Owner—F. M. Johns, 670 Thara Road, Oakland.
Architect—None.
Contractor—J. W. Martinsen, Moraga and Estate Drive, Oakland. $3500

DWELLING.
(3177) N. MELROSE AVE., 100 E 47th Ave., Oakland. One-story 6-room dwelling.
Owner—A. Zetterblad, 2124 47th Ave., Oakland.
Architect—None. $3600

PAINT SHOP.
(3178) W. CHESTNUT ST., 130 S. 32nd St., Oakland. One-story brick art Paint Shop.
Owner—M. McBride, 1633 34th St., Oakland.
Architect—None.
Contractor—C. M. Manley, 1600 34th St., Oakland. $1000

DWELLING.
(3179) 1359 EL CENTER AVE., Oakland. One-story 6-room dwelling.
Owner—H. Soranson, 3476 Laguna Ave., Oakland.
Architect—None. $5200

DWELLING.
(3180) 3550 BOSTON AVE., Oakland. One-story 5-room dwelling.
Owner—Mrs. A. C. Gracle, 2701 Hopkins St., Oakland.
Architect—None.
Contractor—H. Soranson, 3476 Laguna Ave., Oakland $3900

DWELLING.
(3181) E 103RD AVE., 175 N. BIRCH St., Oakland. One-story 4-room dwelling.
Owner—W. H. Williams, 1924 103rd Ave., Oakland.
Architect—None. $1800

REPAINTING STATION.
(3182) 16TH ST. STATION, Oakland. Repainting, redecorating interior of R. R. Passenger station.
Owner—Southern Pacific Co.
Architect—None.
Contractor—A. C. Wocker, 1370 Sutter St., San Francisco.
Filed, July 9, 1923. Dated, June 26, 1923
TOTAL COST $2520
Bond, Hartford Accident & Indemnity Co. Sureties, $1890; Forfeit, none. Limit 45 days. Plans and specifications filed.

COTTAGES
(3183) W HOLLIS 160 and 190 N Park Ave., Emeryville. Two four-room cement plaster cottages.
Owner—M. J. Hayes, 4216 Holden St., Emeryville.
Architect—None. $2500 each

DWELLING.
(3184) S. LONGRIDGE ROAD, 450 E. Verada Road, Oakland. Two-story 10-room dwelling.
Owner—L. C. Graff, 1326 Webster St., Oakland.
Architect—None.
Contractor—E. C. Graff, 1326 Webster St., Oakland. $15,000

DWELLING.
(3185) 2831 9TH ST., Berkeley. One 4-room dwelling.
Owner—Joe Cardini, 2829 Ninth St., Berkeley.
Architect—None
Contractor—F. Tomatello, 2314½ 8th St., Berkeley. $1600

ADDITION.
(3186) PARK BOULEVARD and 13th Ave., Oakland. Addition to church.
Owner—St. Stephens M. E. Church, Park Boulevard and 13th Ave., Oakland.
Architect—None.
Contractor—S. D. Brigham, 1371 E. 33rd St., Oakland. $15,000

FLATS.
(3187) E. LAGUNITAS, 70 S Perry St., Oakland. Two-story 14-room flats.
Owner—S. W. Sivich, 154 Valle Vista Ave., Oakland.
Architect—None. $11,000

DWELLING.
(3188) E PARK BLVD., 300 SE 28th St., Oakland. One-story 4-room concrete dwelling.
Owner—L. L. Edwards, 847 E. 28th St., Oakland.
Architect—None.
Contractor—E. E. Edwards, 847 E. 28th St., Oakland. $3850

ADDITION.
(3189) 629 HILLSBOROUGH ST., Oakland. One-story addition.
Owner—Elizabeth C. Palmer, 636 Hillsborough, Oakland.
Architect—None.
Contractor—F. S. Lindquist, 448 35th St., Oakland. $1500

ALTERATIONS.
(3190) 912 WASHINGTON. Alterations.
Owner—Alexander Shoe Co., 922 Washington St., Oakland.
Architect—None.
Contractor—N. Brown, 1381 E. 32nd St., Oakland. $1000

DWELLING.
(3191) N. BAYVIEW, 285 W. 13th Ave., Oakland. One-story 5-room dwelling.
Owner—A. A. Anderson, 2340 8th Ave., Oakland.
Architect—None.
Contractor—A. A. Anderson, 2340 8th Ave., Oakland. $3000

DWELLING.
(3192) W. WEBSTER ST., 50 S. 41st St., Oakland. One-story 5-room dwelling.
Owner—E. Calora, 443 43rd St., Oakland.
Architect—None.
Contractor—M. E. Valenti, 5215 Lucksley Ave., Oakland. $3928

DWELLING.
(3193) N. 47TH ST., 250 W. Shattuck Ave., Oakland. One-story 4-room dwelling.
Owner—Michele Choffino, 546 47th St., Oakland.
Architect—None.
Contractor—Cisero & Ramerl, 458 42nd St., Oakland. $2000

DWELLING.
(3194) 3933 RUBY ST., Oakland One-story 2-room dwelling.
Owner—Ray Wall Fisher, 3933 Ruby St., Oakland.
Architect—None.
Contractor—C. T. Moore, 416 38th St., Oakland. $1200

ADDITIONS.
(3195) S. FAVOR ST., 440 W. 73rd Ave., Oakland. One-story addition.
Owner—R. Hulsnel.
Architect—None.
Contractor—S. Busby, 769 14th St., Oakland. $1000

DWELLING.
(3196) 2712 ELLSWORTH, Berkeley. One-story 6-room dwelling.
Owner—E. E. Carpenter, Hotel Whitcotton Office, 2507 Channing Way, Berkeley.
Architect—None.
Contractor—E. E. Carpenter, Hotel Whitcotton Office, 2507 Channing Way, Berkeley. $4000

ALTERATIONS.
(3197) 1547 SHATTUCK AVE., Berkeley. Alterations of 2-story residence.
Owner—E. Mercier, 2109 Cedar St., Berkeley.
Architect—None.
Contractor—J. P. Wood, 1231 Milvia St., Berkeley. $2000

DWELLING.
(3198) 716 CONTRA COSTA, THOUsand Oaks. Two-story 6-room dwellin.
Owner—F. T. Waye, 1734 Tacoma Ave., Berkeley.
Architect—None.
Contractor—F. T. Waye, 1734 Tacoma Ave., Berkeley. $4000

DWELLING.
(3199) 2336 8TH ST., Berkeley. One-story dwelling.
Owner—A. R. Perry, 2330 8th St., Berkeley.
Architect—None.
Contractor—A. R. Perry, 2330 8th St., Berkeley. $1600

DWELLINGS.
(3200) S. ASHBY., 50-83½ and 117 E. Mahel; 1307, 9 and 11 Carrison, Berkeley. Six 1-story 4-room dwellings.
Owner—R. E. Reeves, by G. N. White, 4040 Vale Ave., Oakland.
Architect—None.
Contractor—R. E. Reeves by G. N. White, 440 Vale Ave., Oakland. $1800 each

BUILDING.
(3201) 2728 DURANT ST., being lot 20 in block D, Map of Portion, Berkeley. Property situated between the University of Cal. and the State Deaf, Dumb and Blind Asylum, Berkeley. Three-story and basement frame bldg.
Owner—Sigma Phi Epsilon of Berkeley.
Architect—Jensen & Evans.
Contractor—Monson Brothers.
Filed July 10, 1923. Dated May 26, 1923.
On or before 10th each calender month, 75% of total cost.
Usual 35 days after completion and acceptance 25%
TOTAL COST $49,798
Bond, none. Sureties, none. Forfeit, none. Limit, 90 days. Plans and specifications filed.

FLATS.
(3202) LAKESHORE AVE. E., 250 N. Lake Park Ave., being portion of lot 46, Map Lakeshore Park Heights, Oakland. Two-story 10-room frame flats.
Owner—Mr. and Mrs. O. T. Nish, 5859 Birch Court, Oakland.
Architect—Harry E. Fordward.
Contractor—Richard Beadell and Geo. J. Lane, 662 Fairview, Oakland.
Filed July 10, 1923. Dated July 10, 1923
Frame complete $3112
When rough plaster on 3112
When completed and accepted. 3112
Usual 35 days after 3114
TOTAL COST, $12,450
Bond, none. Sureties, none. Forfeit none. Limit, 90 days. Plans and specifications filed.

BUILDING CONTRACTS

FRESNO COUNTY.

$5,000 and Over Recorded

STORE BLDG.
LOTS 41 AND 42 Bobs North Park, Fresno. All work for brick store building.
Owner—Alex Alchian, 939 Van Ness Ave., Fresno.
Architect—E. Mathewson, Cory Bldg., Fresno.
Contractor—Carl D. Houscpian, 640 L St., Fresno.
Filed July 5, '23. Dated June 29, '23.
As work progresses..... 75%
Usual 35 days, balance..... 25%
TOTAL COST, $14,000
Bond, $7000. Surety, Fidelity Deposit & Trust Co. of Maryland. Limit, 60 working days. Forfeit, $15 per day. Plans and specifications filed.

STORE BLDG. $7000; 1221-23-25 Blackstone Ave., Fresno; owner, E. M. Hartman, 1248 Blackstone Ave., Fresno.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded — Accepted
July 3, 1923—LOT 20 N ½ Lot 19 Blk 1, Lcona Heights, Fresno W B Watson and A F Lambert to whom it may concern.....July 2, 1923
July 3, 1923—LOT 18, except 10 ft., Lots 19 and 20 Blk 2, Hadsell Addition, Fresno. A K Harbison to whom it may concern..June 30, 1923
July 5, 1923—LOTS 29 TO 32 BLK 74, Sierra Vista Addition No. 4, H R Readman to whom it may concern .....June 30, 1923
July 5, 1923—LOTS 19 AND 20 BLK 2, Martin Home Tract, Fresno. W C Boicourt to whom it may concern .....July 1, 1923

LIENS FILED

FRESNO COUNTY

Recorded — Amount
July 7, 1923—LOTS 28 AND 29 BLK 3, Torrance Terrace, Fresno. Smith Hardware Co vs Watkins & Deardorf $84
July 7, 1923—LOTS 20 AND 21 BLK 3, Torrance Terrace, Fresno. Smith Hardware Co vs Watkins & Deardorf $23
July 5, 1923—LOTS 14 TO 18 BLK 12, North Calwa. C L Heaton and Geo Bryan vs R P Driggs.....$256
July 5, 1923—LOTS 1 TO 5 BLK 347, Fresno. Bingham-Wenks Planing Mill vs E M Murrill.....$260

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

$2,500 and Over Recorded

ADDITION to school, $7480; Calla School District, Stockton; owner, Calla Grammar School District; architect, Davis-Heller-Pearce Co., Delta Bldg., Stockton; contractor, C. Van Till and L. Ubels, Ripon, Calif.; limit, 60 days; filed July 5, '23; dated, July 2, '23.
STORES, $20,000; No. 202 N-Sutter St., Stockton; owner, E. Cuerton, 1428 N-Center St., Stockton.
REMODEL, $4000; No. 501 N-Sierra Nevada St., Stockton; owner, Peter J. Wallace, Stockton.
RESIDENCE, $5800; No. 1024 W-Vine St., Stockton; owner, E. P. Dobson, 1045 Vernal Way, Stockton.
RESIDENCE, $5000; No. 1220 N-Yosemite St., Stockton; owner, Meller & Toylar, Stockton.
STORE, $4000; No. 2049 S-San Joaquin St., Stockton; owner, John Loeffler.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded — Accepted
July 5, 1923—SE MAPLE AND GARfield Aves., Lodi. W G Deutscher to whom it may concern.June 1, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded — Amount
June 30, 1923—ON LOT 3 Blk 7, bein sub of N 25 acres S J Co survey No. 280 in Sec. 7, of C M Weber's grant, Lomita Park, Stockton. Stockton Lumber Co. Cptn vs Frederick Gotelli and Geo P Maddock...$263.82
July 2, 1923—NO. 2431 E-MARKET St., Stockton. Robert J Little vs Geo McDaniels.....$56.51

OAKLAND BUILDING TOTALS FOR JUNE, 1923

Classification of Buildings	No. of Permits	Cost
1-story dwellings.....	276	$ 749,339
1-story dwlg & stores..	3	12,500
1-st 2-fmly dwellings..	4	23,500
1½-sctory dwellings...	2	10,000
2-story dwellings.....	10	65,447
2-story flats.....	6	57,975
2-story flats & stores..	1	7,200
2-story apartments....	4	63,500
3-story apartments.....	2	50,000
1 & 2-st apts & stores..	1	14,000
1-story stores.....	7	19,419
1-story power house....	1	9,000
1-story office.....	6	3,650
1-story warehouse.....	3	13,250
1-story stable.....	1	1,900
1-story market.....	1	14,000
1-story greenhouse.....	3	4,500
1-story day nursery....	1	800
1-story mill.....	1	1,000
2-story cabinet shop...	1	700
1-story tile dwelling...	2	3,800
1-story tile garage.....	13	16,875
1-st tile service stn...	1	600
1-story tile stores.....	3	6,775
2-st conc apts & stores.	1	17,821
1-story tile garage.....	3	1,250
1-st conc. smoke house	1	100
2-st concrete stores....	1	11,975
2-st conc stores&lofts..	1	110,000
2-st concrete garage...	1	28,697
3-st conc warehouse...	2	207,000
Concrete wharf.....	1	250,000
9-st re conc mail order building	1	500,000
1-st brick dwelling.....	1	2,700
1-st brick machine shop	1	700
1-st brick garage.....	1	1,000
1-s brick stores.....	2	8,500
1-st brick warehouse..	1	14,000
1-st brick factory.....	1	18,000
2-st brick radio station	1	30,000
2-st brick office & stores	1	80,000
3-st brick addition.....	1	57,000
1-st brk & tile coal shed	1	4,000
1-st brk & tile stores...	1	10,000
1st steel garage.....	1	3,500
1st steel service stn....	1	2,000
Swimming pool & dressing rooms.....	1	22,000

1-st garages & sheds	246	50,823
Electric sign	26	5,807
Roof signs	5	2,795
Tank frames	1	6,000
Additions	100	55,548
Alterations & repairs	136	100,805
Total	894	$2,751,751

COMPLETION NOTICES

ALAMEDA COUNTY.

Recorded Accepted

July 5, 1923—LOT 11 MAP SANTA FE Tract No. 6, Oakland. Evan D. Bramlage to whom it may concern .....July 2, 1923

July 5, 1923—PART LOT 16 BLK B Map Gaskill Tract, Oakland. Raymond Fountain to whom it may concern .....July 1, 1923

July 5, 1923—LT 21 BLK K FOURTH Ave. Terrace, Oakland. Oliver E. & Gertrude A. York to Oliver E. York .....July 2, 1923

July 5, 1923—W WILSON AVE. 86 S Hopkins St. S 40-7 W 100, Oakland Emma Brennan to Jos. Flittner.. .....June 20, 1923

July 5, 1923—PTN. LOT 1 MAP LAND Brooklyn Land Co., Oakland. Jos. Flittner to whom it may concern..

July 5, 1923—LOT 138 & SE 10 LOT 139 Map Property R Cords Jr., Oakland. Leonora G. Noe to Jos. Flittner. .....July 5, 1923

July 6, 1923—E PEARL 200 N Eagle Ave N 40xE 140-6, Alameda. John H and Blanche Wade to M J Adams & Son.....July 1, 1923

July 6, 1923—N SIXTEENTH 230 W West W 30xN 103-9, Oakland Dora Krokner to Emil Lindquist..... .....June 15, 1923

July 6, 1923—LOT 3 Map Maple Heights, Oakland. C J Ernst to whom it may concern..June 30, 1923

July 6, 1923—BUENA VISTA AVE., bet. Broadway and Pearl, Alameda. Noble F Justice to Geo W King. .....June 22, 1923

July 6, 1923—S 40 LOT 42 Amended Map Rhoda Tract, Oakland. Will N Taylor to whom it may concern.. .....July 6, 1923

July 6, 1923—LOTS 253 & 254 & SW 12½ Lot 255 Map E. B. & A. L. Stone Co's. Lots Elmhurst, Oakland. M T Moniz to C B Francisco..... .....July 3, 1923

July 6, 1923—NO. 5948 MILL, Oakland Glenn Neal to whom it may concern.....July 6, 1923

July 6, 1923—LOT 25 and Ptn 26 Map Crocker Highlands, Oakland. Harriet W Okell to Fred J Westlund .....July 6, 1923

July 6, 1923—5311 E-FOURTEENTH (front), Oakland. John Krafuss to James D Horton.....July 5, 1923

July 6, 1923—PTN PLOTS 10, 12, 14, 16 Map Rancho de la Alameda, Washington Tp. Masonic Homes of California to Pacific Elevator & Equipment Co, July 5; O Kurtz, July 2; P Grassl & Co, July 2 and Lawton & Vezey.....July 2, 1923

July 7, 1923—E-FOURTH & DOYLE Sts., Oakland. Detroit Steel Products Co to F E Newbery Elec Co. .....June 28, 1923

July 7, 1923—LOT 22 BLK K Grand Ave Heights, Oakland. M F Chloupek to W T Whitford....July 2, 1923

July 7, 1923—S HOLWAY 192 W Sixty-second Ave 36x90; S Holway 100 E Seminary Ave, 37x90, Oakland. C W Lindquist to whom it may concern.....

July 7 ,1923—No. 4020 WOODRUFF Ave., Oakland. Edw. Berg to whom it may concern .....July 7, 1923

July 9, 1923—W L OF FOUNTAIN ST. 100 S San Jose Ave, Westerly 100 Easterly, Alameda, J. A. Swenson to Howard Williford .....June 28, 1923

July 9, 1923—LOTS 78 & 79 S LOT 80 Map Drexler Tract, Oakland. John Biggi to G. W. Nunes....July 9, 1923

July 9, 1923—LOT 22 MAP OF REdivision of Montgomery Tract, Alameda. Addie D. Long to Frank Latone .....July 9, 1923

July 9, 1923 — 2841-43-45-31-33-35 Eastman Ave., Oakland. Adam Kramer and Harda Kramer to whom it may concern. .....

July 10, 1923—NO. 1221 SEVENTY-third Ave., Oakland. H S Clement to C L Hewett.....July 10, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

July 6, 1923—S BERKELEY WAY 100 E California E 50xS 100, Berkeley. L J Jackson (as University Plumbing & Sheet Metal Co) vs Marion C and L D and C F Smith.....$120.50

July 7, 1923—SW 25 LOT 4 NE 33.4 Lot 3 Blk 14, Boulevard Park. Maxwell Hardware Co vs N Fenand et al $53.68

July 9, 1923—N Damuth St. 250 E Lincoln Ave, E 40 x S 100 ft. No. 2440 Damuth, Oakland. C. Jensen and A. G. Olsen (Oak. Floor Co.) vs. W. B. Wilson.....$164.75

July 9, 1923—NW COR. FOURTY-fourth & Webster St., Alameda. Hogan Lumber and Mill Co. vs. R. T. Robbins, C. Runkel, August D. Runkel and Amanda T. Runkel... .....$1092.76

Notice of Non-Responsibility

ALAMEDA COUNTY

July 6, 1923—LOTS 24 AND 25 BLK 10 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

July 7, 1923—S FORTY-SECOND ST. 271.54 W Webster S 79.80 E 40 N 88.12 W 41.31, Oakland. S Lauenta to Mrs. L Grafe .....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Recorded

DWELLING and garage, one-story 5-room frame and stucco, $4000; No. 2309 27th St., Sacramento; owner, Sacramento Bldg. Invst. Co.; contractor, E. R. Beebe, 916 38th St., Sacramento.

DWELLING, one-story 5-room frame and garage, $2900; No. 608 38th St., Sacramento; owner, G. J. Black, 1330 P St., Sacramento; contractor, T. B. Hunt, 2926 S St., Sacramento.

DWELLING, one-story 5-room and garage, $3850; No. 2905 U St., Sacramento; owner, M. J. Mulligan, 1233 O St., Sacramento; contractor, T. B. Hunt, 2926 S St., Sacramento

DWELLING, 1-story 5-room, $4750; 809 Santa Inez Way, Sacramento; owner, G. E. Rust, 1115 22nd St., Sacramento; contractor, C. H. Chatterton, 2426 F St., Sacramento.

DWELLING 1-story 5-room, and garage, $3500; 1520 35th St., Sacramento; owner, Mrs. Lylon Westaberg, 3984 2nd Ave., Sacramento; contractor, G. F. Wright, 3981 2nd Ave., Sacramento.

DWELLING, 1-story 5-room, and garage, $2900; 1541 35th St., Sacramento; owner, G. Harris, 808½ 19th St., Sacramento; contractor, J. W. Mayden, 808½ 19th St., Sacramento.

DWELLINGS (2) 1-story 5-room, and garages, $2850 each; 2408 & 2414 27th St., Sacramento; owner, Wm. Leakos, 1025 2nd St., Sacramento; contractor, C. Vanina, 2022 M St., Sacramento.

DWELLING, 1-story 5-room, and garage, $3000; 2400 X St., Sacramento; owner, Alpine Constr. Co., Box 922 Sacramento.

DWELLING, 1-story 5-room, and garage; $6000; 1041 43rd St., Sacramento; owner, Geo. Dorman, 1007 K St., Sacramento; contractor, J. E. Lunn, 2916 35th St., Sacramento.

BUILDING, 2-story, $7800; 1315-18 J St. Sacramento; owner, Victor Kohler, 2630 I St., Sacramento; contractor, Holdener Constr. Co., 2608 R St., Sacramento.

DWELLING, 1-story 5-room, and garage, $4000; 2315 13th St., Sacramento; owner, W. J. Leflar, 1310 18th St., Sacramento; contractor, W. E. Truesdale, 2116 H St., Sacramento.

DWELLING, 1-story 4-room, and garage, $3400; 1125 37th St., Sacramento; owner, W. J. Anarine, 1625 16th St., Sacramento; contractor, C. Koch, 3418 L St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

July 3, 1923—NE SIXTEENTH AND H Sts., Sacramento. Associated Oil Co to whom it may concern.. .....June 28, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

June 29, 1923—LOTS 5, 6, 7 and 8, W X, 3rd and 4th Sts., Sacramento. W B and Mary E Scollan (as Thos F Scollan Co) vs Modern Laundry Co $2500

June 29, 1923—LOTS 5, 6 7 and 8, W, X, 3rd and 4th Sts., Sacramento. W D McKoy (as Property Owners Protective Ass'n)) vs Modern Laundry Co. $43.89

June 30, 1923—LOT 51 Harkins Ac., Sacramento. Sunset Lumber Co vs Carnelius, Matilda & Catherine Harkins $348.25

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,000 and Over Reported

DWELLING
INTERSECTION OF EL CAMINO REAL and Yequas Creek, bet. Mt. View and Mayfield. All work for two-story dwelling.
Owner—Frank J. Miller, 203 University Ave., Palo Alto.
Architect—None.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed July 2, '23. Dated June 22, '23.

Frame up	25%
Plastering ready for finishing	25%
Completed	25%
Usual 35 days	25%

TOTAL COST, $11,130

Bond, none. Limit, 110 working days from June 26, 1923. Forfeit, none. Plans and specifications filed.

ALTERATIONS
SAN JOSE. All work for alterations and additions for offices and show windows in store building.
Owner—L. Lion & Sons, 2nd and San Fernando Sts, San Jose.
Architect—Herman Krause, Bank of San Jose Bldg., San Jose.
Contractor—H. A. Bridges, Pine and Lincoln Sts., San Jose.
Filed June 27, '23. Dated June 15, '23.

As work progresses	75%

TOTAL COST, $4896

Bond, $5896. Sureties, A. B. Ross and Joseph Russo. Limit, 60 working days from June 15, '1923. Forfeit, none. Plans and specifications filed.

DWELLING, ETC.
S 25 FT. LOT 5 and N 40 ft. Lot 6 Blk 55, Naglee Park Tract, San Jose. All work for one-story dwelling and garage.
Owner—W. C. Short, San Jose.
Architect—Herman Krause, Bank of San Jose Bldg., San Jose.
Contractor—S. De Cola, 511 E-Empire St., San Jose.
Filed June 29, '23. Dated May 4, '23.

Frame up	$2062.50
Brown coat plaster on	2062 50
Completed	2062.50
Usual 35 days	2062.50

TOTAL COST, $8250.00

Bond, $4125. Sureties, G. R. Abraria & Joseph Russo. Limit, 90 working days from May 4, 1923. Forfeit, none. Plans and specifications filed.

STORE BLDG.
NO. 224 S-FIRST ST., San Jose. All work for store building
Owner—H. Hirsh, 14 N-14th St., San Jose.
Architect—Herman Krause, Bank of San Jose Bldg., San Jose.
Contractor—S. De Cola, 511 E-Empire St., San Jose.

Filed June 29, '23. Dated June 14, '23.
On completion $1235
TOTAL COST, $1235
Bond, none. Limit, 15 working days from June 14, '23. Forfeit, none. Plans only filed.

ALTERATIONS
NO. 11 S-SECOND ST., San Jose. All work for store front, steel work, 2nd floor alterations and painting to two-story store building.
Owner—J. W. Chilton, Bank of San Jose Bldg., San Jose.
Architect—Herman Krause, Bank of San Jose Bldg., San Jose.
Contractor—S. De Cola, 511 E-Empric St., San Jose.
Filed June 29, '23. Dated June 15, '23.
As work progresses..... 75%
Usual 35 days..... 25%
Bond, $3400. Surety, 60 working days from June 15, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
PTN BLK 2 N R 4 E, Town of Santa Clara. All work for one-story 5-room frame dwelling.
Owner—Edgar A. and Margaret M. Carr, 1257 Grant St., Santa Clara.
Architect—None.
Contractor—Wm. H. O'Neil, 500 N-15th St., San Jose.
Filed July 5, '23. Dated July 3, '23. All bills to be paid by owner upon written order of contractor, as they become due. Contractor to receive 10% of total cost of labor and material for service..... Entire cost not to exceed $3200
Usual 35 days.....Final payment
Bond, none. Limit, 60 working days from July 3, 1923. Forfeit, none. Plans and specifications filed.
TOTAL COST, $300

ALTERATIONS, $9000; First and Sta. Clara, San Jose; owner, Bank of San Jose; architect, Binder & Curtis, Binder Bldg., San Jose; contractor, F. T. Edmans, 143 N 8th St., San Jose.
COTTAGES, (2) 5-room, $3200 each; Humboldt near Rose; Locust & Colfax, San Jose; owner, Jerome Garcia, 1052 S 1st St., San Jose.
COTTAGE, 5-room, $4500; 17th near Empire, San Jose; owner, M. W. Silva, 375 E Jerome, San Jose; architect and contractor, W. J. Martin, 456 Delmas, San Jose.
COTTAGE, 5-room, $5850; Second near Humbold, San Jose; owner, Francis Amador; architect, Jerome Garcia, 1052 S 1st St., San Jose.
BUS BLDG., 1-story, $8500; Sta. Clara near 16th, San Jose; owner, J. L. Belknap; contractor, Lewis & Nelson.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
June 29, 1923—LOT 7 BLK 9, Hanchett Residence Park, San Jose. Eva M Wills to W O Furtwrangler .....June 29, 1923
June 30, 1923—LOT 7 BLK 12, East San Jose Homestead Ass'n., San Jose. Carl and Josephine Kuhl to A H Petrie.....June 30, 1923
July 2, 1923—LOTS 35 AND 36 BLK 100, San Jose. Harriet Rosa-Lee McCausland to whom it may concern.....June 30, 1923
July 2, 1923—SW MYRTLE AND Emory Sts., near San Jose. R M Wright to J W Osborne and R G Knight.....July 2, 1923
July 3, 1923—LATIMER AVE AND Santa Clara-Los Gatos Road. Ellen L Lanphear to Geo Duncan..... .....June 25, 1923
July 3, 1923—PTN LOT 1 BLK 95, University Park, San Jose. Albert E Johnson to whom it may concern.....July 2, 1923
July 3, 1923—LOT 2 BLK 3, Rose Lawn, San Jose. Edward G Lorber to whom it may concern..... .....July 3, 1923
July 3, 1923—LOT 3 Sierra Park, San Jose. E D and Rose B Shepherd to F W Brown and J B Rucker..... .....July 2, 1923
July 5, 1923—LOT 3 BLK 10, Sunnyvale. M J Wright to Geo Austin.. .....June 25, 1923
July 5, 1923—LOTS 23 AND 24 BLK 4, South Palo Alto. J L Drysdale to whom it may concern...June 1, 1923
July 5, 1923—LOT 5 BLK 6, Evergreen Park, San Jose. R T Erdman to whom it may concern...June 2, 1923
July 5, 1923—W N-NINTH, bet Washington and Empire Sts., San Jose. Pietro Suglio to Sam De Cola..... .....June 18, 1923
July 6, 1923—LOTS 4 AND 5 BLK 5, Chapman & Davis Tract, San Jose. Theresa Sterlina to Guy M Latta.. .....May 9, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
June 29, 1923—LOT 9 BLK 7, San Martin Ranch Map No. 1. Herbert P Atkinson vs Effa E Young....$343.70
July 3, 1923—SW NINETEENTH & Calhoun, San Jose. G Ellis Nichols vs Roy A Burgess and Mrs. Roy A Burgess $28.50

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
July 3, 1923—LOT 22 BLK 6 Hanchett Residence Park, San Jose. H A Bridges to L F and Hazel Reed Morton $830.35
July 5, 1923—LOT 2 BLK 14, Hanchett Residence Park, San Jose. W J Porter to J S Seely Jr and Alice Foster Seely.....$79.75
June 30, 1923—LOT 2 BLK 14, Hanchett Park Tct, San Jose. Borchers Bros to John Seeley Jr.....$99.17
June 30, 1923—LOT 2 BLK 14, Hanchett Park Tract, San Jose. Ed Timlin to John Seeley Jr.....$388.50

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT 34 BLK 102, South San Francisco. All work for one-story frame residence.
Owner—Jennie Sands, So. San Francisco
Architect—None.
Contractor—R. C. Stickle, South San Francisco.
Filed July 10, '23. Dated July 5, '23.
Frame up $1100
Brown coated 1100
Enclosed 1100
Completed 1100
TOTAL COST, $4400
Bond, $2200. Sureties, E. C. Peck and P. Pala. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Amount
July 6, 1923—LOT 8 BLK 20, San Carlos, San Mateo. Mercantile Trust Co. to Ben C. Zimmerman..... .....June 26, 1923
July 5, 1923—NW 70 FT LOTS 1 & 2 Blk 36, San Carlos, San Mateo. Mercantile Trust Co. to Ben C. Zimmerman.....June 26, 1923
July 5, 1923—6 FT ON NINTH AVE San Mateo. Eliza J. Conely to Charle Hammer and Hugo Hultberg .....June 28, 1923
July 5, 1923—LOT 19 BLK 58 EASton, Burlingame. P. J. & E. Monahan .....July 3, 1923
July 6, 1923—LOTS C AND D, Burlingame Terrace, Burlingame. M Dickerman to whom it may concern .....July 3, 1923
July 10, 1923—LOT 17 BLK 38, Burlingame. Oscar Carlson to whom it may concern.....July 7, 1923
July 11, 1923—LOT 22 BLK 36, Lyon & Hoag Sub, Burlingame. H M Whitmore to D F Valentine..... .....July 9, 1923
July 11, 1923—PTN LOTS 35 AND 36 Husing Sub Homestead, San Mateo. Chris and Violet Hd to whom it may concern.....May 9, 1923

LIENS FILED

SAN MATEO COUUTY

Recorded Amount
July 5 ,1923—W ½ LOT 6 BLK 125 So. San Francisco. Reinhart Lumber & Planing Mill vs. M. E. Green, S. Nieri and Dora Nieri.....$2527.22
July 6, 1923—W ½ LOT 6 BLK 125, South San Francisco. P A Smith Co vs M E Greene, S Nieri et al..$225

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, 1-story frame, $3500; W 39th bet. Roosevelt and Clinton, Richmond; owner, N. E. Anderson, 2030 Roosevelt Ave., Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., JULY 21, 1923

Published Every Saturday
Twenty-third Year No. 29

Schumacher

Office
210 American National Bank Building

Permanence
Economy

Wall

Warehouses
San Francisco Oakland

Appearance
Comfort

Board

For Sale by all Lumber and Building Material Dealers

Remixes Concrete

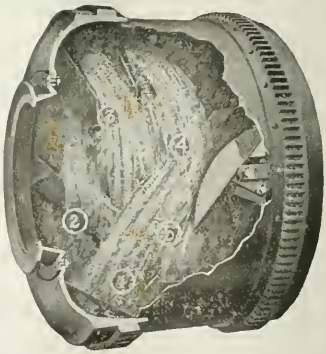
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., JULY 21, 1923 — Twenty-third Year No. 29

No. 818 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

PITTSBURG TEST HIGHWAY REPORT IS ISSUED BY STATE

A fund of road building information which in many instances clashes with theory because it is based on facts gathered from practical experimentations, has just been issued from the state printing office under the title "Report of Highway Research at Pittsburg, California, 1921-1922."

Crammed into the 150 highly illustrated pages are results of the Pittsburg test highway as compiled by Lloyd Aldrich, highway engineer and engineer in charge; John B. Leonard, structural engineer and assistant in charge, and Harold B. Hammill, in charge of said observations during the experiments.

The story of the Pittsburg test is grouped under sixteen separate headings and seventeen sets of varied tables, while reproduction of Fifty-five photographs and sixty-five sets of scales picture the result of the experimentation.

Slab deflation, the development of cracks until practically the whole slab crumbled under the grueling traffic of 176,610 miles reeled off by the trucks circling the oval 681,149 times, carrying a total tonnage of 7,365,100, and many interesting findings are pictured in the series of tables and diagrams.

The foreword tells how the test road had its inception with the Columbia taken over by the U. S. Bureau of Public Roads and the California Highway Commission.

$125,000,000 NEEDED FOR S. F. IMPROVEMENT PROGRAM

In a letter to the Board of Supervisors the San Francisco Bureau of Government Research calls the attention of that body to the necessity of the speedy adoption of a definite and comprehensive program of public improvements over a period of years if the city is to progress along lines of broad and substantial development.

Among the essential projects mentioned by the bureau are the Spring Valley purchase, Market Street Railway purchase, completion of Hetch Hetchy, Municipal Railway extensions, Bernal cut, Civic Center land and improvements, live stock and exposition building, Rincon Hill regrade, Van Ness avenue reopening, public buildings for health, school, fire and police departments, additional parks and playgrounds, construction and re-construction of streets and highways and main sewer construction.

According to the bureau, a rough estimate of these needed improvements shows that a minimum of $125,000,000 will be needed to meet their cost.

It is suggested that a committee be appointed to confer with civic organizations and interested citizens to study the situation and determine and recommend the necessity for and the advisability of providing each of these improvements; the order in which their attainment should be undertaken, according to their importance and desirability; the methods of acquiring them and of financing each, whether by special tax or assessments, bond issues or placing one or more on a self-supporting basis It is also suggested that any needed amendments to existing laws to remove possible legal obstacles to acquirement be considered.

PARAFFINE COMPANY PURCHASES ANOTHER PLANT

The Paraffine Companies, Inc., announces the purchase of the large plant land, Ore. This makes the seventeenth of the Durable Roofing Co. at Portplant of the Paraffine Companies, Inc. a $12,000,000 corporation, employing more than 2000 people and doing an annual international business in excess of $15,000,000.

LOS ANGELES BUILDING FOR PAST SIX MONTHS

A high record for housing operations in Los Angeles was set by building started during the first six months of 1923 Housing for this period was represented by 12,600 permits for dwellings, flats and apartments with an estimated valuation of $55,062,373 and providing accommodations for 22,036 families. Based on the census average of 4.4 persons to a family, this housing will take care of an addition to the city's populations of 96,958. Assuming that the population of Los Angeles was $250,000 at the beginning of 1923 and the increase continues to absorb housing as in the past it is evident that Los Angeles will pass the million mark during 1924. Greatest significance is attached to the number of dwellings erected. During the first six months a total of 9522 single dwellings or within a fraction of 53 a day were started. The total of sinle and double dwellings started during this period was 11,910, or nearly 65 a day.

BREAKWATER EXTENSION

The National Government of Chile announces through the Official Gazette that the present short breakwater at Valparaiso will be extended 700 meters, as the water is an average of more than 50 fathoms deep at the location selected. It is anticipated that the work will be found both slow and costly, requiring at least two years and involving a cost of several million dollars. Blue prints and specifications may be consulted in the Chilean Consulate, New York. Bids received at the Consulate will be transmitted to the Treasury Department, Chile, to be opened August 31, 1923.

HARDWARE PRICES STABILIZING

"Hardware Age" says:

"The price situation throughout the country seems to be rapidly nearing a condition of stabilization. Price advances during the past few days have been few and far between and have for the most part involved only minor lines. Price reductions while not conspicious, are, nevertheless, in evidence. The opinion is growing in jobbing circles that the market for the balance of the year will be of a far easier nature than the one experienced during the first six months."

Removal Notice

The business offices and plant of Building and Engineering News have been moved to new and larger quarters in the Bass-Heuter Building, 818 Mission Street, San Francisco.

Our new telephone number is
Garfield 3140

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Another large timber sale is pending on the Plumas National Forest, reports the local headquarters of the United States Forest Service. This sale involves about 121,000,000 board feet of sawtimber, mainly yellow and sugar pine, and is known as the Long Valley Logging Unit, the location being on the Feather River near Blairsden. The lowest price that will be considered is $4.50 per M feet for yellow pine, and $1.50 for the other miscellaneous species. The final date for bids is fixed as August, 1923 This is another of the big western sales that is being made on the timbered states of the Pacific Slope, due to the cutting out of the forests in the East and South.

Damages of $23,507 are asked in a suit on file in the Superior Court in Oakland, growing out of an automobile accident in Contra Costa County. Geo. Miller, plaintiff, alleges that November 5, he was standing on the sidewalk of Concord street when an automobile owned by the Tilden Lumber Company and driven by Fred C. Newton, both of whom are made defendants, struck him. Miller says he suffered a fractured leg and broken knee, the injuries being permanent.

During the past fiscal year, L. Wierda, building inspector of Richmond, reports the issuance of 490 building permits representing improvements totaling $921,821. Valuations for the previous year totaled $830,944, which amount included $281,830 for school construction. The report, covering the past fiscal year, shows 27 business blocks were erected at a cost of $183,989; 156 dwellings at $514,805; 5 apartments at $67,200. Public building improvements totaled $81,592.

The coming orders of Westinghouse General Electric for first quarter of the fiscal year, beginning April 1, totaled over $747,500,000. There was a decrease in June compared with two previous months But that it was seasonal is indicated by the fact that bookings so far in July are ahead of same period in June. July is expected to be better than June, the company having booked up to July 9, $8,000,000 against $3,000,000 for same period in June.

Seventeen business structures involving expenditure of $13,035,000 are being held up in St. Louis because of a move by investors against the high cost of building materials and the high wages of artisans. Some of these structures will be delayed for a year or more. In the early months of this year the number of building permits were double those of last year, but since May they have been falling off.

A large grove of giant redwoods has been deeded to the State of California by Mrs. Zipporah Russ of Ferndale, as a memorial to pioneers of Humboldt county, according to an announcement made by J. D. Grant of San Francisco, chairman of the board of directors of the Save The Redwoods League.

Imports into the United States during June were valued at $328,000,000 against exports of $329,000,000, leaving a balance of trade favoring the United States of $1,000,000.

Unfilled orders of the larger lumber mills of the United States on July 7 amounted to 58840,1,021 feet, according to reports to the National Lumber Manufacturers' Association. Of the unfilled order, 316,284,089 feet were recorded by mills belonging to the West Coast Lumber Association and 264,196,932 feet by Southern pine producers.

Union carpenters in Watsonville and other cities in Santa Cruz county have obtained a wage increase, through union agreements with employers, of 10 cents an hour, the carpenters volunteering to take care of the additional cost on all unfinished work. In Monterey and other cities in Monterey county, the union carpenters have negotiated agreements with employers, providing for a wage increase of 7½ cents an hour.—Organized Labor.

Expansion of the Columbia Steel Corporation's plant at Pittsburg necessitated purchase by the concern from C. A. Hooper & Co. of a large tract of land adjoining its present holdings in Contra Costa county. Deeds disclose that $73,000 was paid for the property which has a maximum frontage of 2000 feet on a spur of the Sant Fe railroad.

Memhers of the San Francisco Builders' Exchange accused by the Government of having violated the Sherman anti-trust law, are to be brought to trial September 12, in the United States District Court. The trial date was asked for by Special Assistant United States Attorney-General Henry Anderson Guiller, in charge of the Government's case.

The Oakland Department of Public Works, including the Harbor Department, will seek $1,177,330.87 for the coming fiscal year, according to an announcement of City Commissioner Albert Carter. Of the total amount $844,820 is for the harbor department and $332,510.87 for the public works department.

Bids for the construction of the Exchequer dam, a unit of the Merced Irrigation District in Merced county, will be opened by directors of the district on or about August 3rd, according to Thebo-Starr-Anderton, consulting engineers on the project. The cost of construction will run between $3,000,000 and $4,000,000.

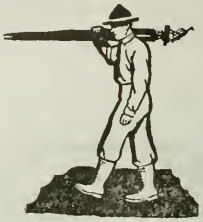
The Clay Products Company will erect a plant at Fullerton, Calif., for the manufacture of tiles and other clay products. The company, which maintains offices in California Hotel Bldg., Fullerton, will expend approximately $85,000 in the construction of the plant. Geo. R. Whitcomb of Anaheim is president.

The sale of about 121,000,000 board feet of sugar and yellow pine timber in the Plumas National Forest is expected by the forest service to be announced next month. The advertising period for the sale expires about August 1st.

C. C. Newkirk, sanitary engineer for the city of Berkeley, will tender his resignation to the city council, to take effect August 1.

The Los Angeles Feed Company has been organized by J. A. Love of Kansas City, who will erect a $350,000 plant at Terminal Island, Los Angeles.

ALONG THE LINE



Will J. French, chairman of the California Industrial Accident Commission, has received a request from the International Labor Office of the League of Nations for a technical survey of different factory inspection systems in California. Twenty-seven questions dealing principally with factory inspection and factory employes, were asked by the office. The information will be used at the fifth session of the International Labor Conference to be held in October.

The Nelson Electric Apartments, Inc., with its principal place of business in Fresno, has filed articles of incorporation. The company is capitalized at $200,000 and will engage in a general contracting business and maintaining hotels and apartment houses in the Fresno section. Directors are: Nels N. Nelsen, H. M. Leitzke, L. T. Stephenson, Norman Nielson and Clara M. Collins, all of Fresno.

Morgan Wood, representing the Atlas Rock Company, is in Merced arranging for the establishmen of a plant near Snelling on the Yosemite Valley railroad. The company is now operating a plant near Oakdale, Stanislaus county, which was developed to supply rock and gravel for the Don Pedro dam project. Approximately $75,000 will be spent in developing the plant at Snelling.

Governor Richardson and members of the California State Highway Commission will arrive in Oregon about July 23rd on a road inspection tour. The Governor will make the trip from Sacramento to Grants Pass by train. The party will be met at Grants Pass by the Governor of Oregon and members of the Oregon State Highway Commission.

State Foresters M. B. Pratt announces that approximately 100 lumber companies will establish forest fire patrols on August 17, in compliance with a law enacted by the last Legislature which requires pine operators to protect their lumber.

Thos. K. Stewart, Civil Engineer of Reno, Nevada, and former county surveyor of Washoe County, died suddenly at Verdi, Nevada, while engaged with a surveying party. Stewart was a native of Pennsylvania and was 74 years old.

San Francisco Chapter, American Association of Engineers, will investigate the Hetch Hetchy project. Geo. Mattis, president of the chapter, was named a special committee to view the project. The committee consists of Louis F. Lurie, Chas. H. Lee and D. I. Piper.

Employees of the Routt Lumber Co. of Fresno held their annual picnic at Lane's Bridge, Fresno County, July 10. About 75 people attended the affair.

Henry Lieginger has been appointed harbor master of Stockton by the Stockton City Council.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

FRANK A. LEACH NAMED MANAGER OF P. G. & E.

Frank A. Leach Jr., has been chosen by the directors of the Pacific Gas & Electric Company, to succeed the late John A. Britton, as vice-president and general manager of the company.

The new manager of "Pacific Service" is an Oakland man, having resided there since his early youth. He began his early business training in newspaper work under his father, Frank A. Leach, Sr., former superintendent of the Mint in San Francisco and later director of the Mint at Washington, D. C.

He entered the public utility service twenty-five years ago in the employ of the Oakland Gas Light and Heat Company, of which the late John A. Britton was president and manager. Upon Britton's acceptance of the presidency of the California Gas & Electric Corporation, of which the Oakland Gas Light & Heat Company was a subsidiary, Leach was appointed to succeed him as manager of that company and also the Berkeley Electric Lighting Company. Then, upon the organization of the Pacific Gas & Electric Company in 1905, Leach became manager of what is now called the east bay division of the combine.

Three years ago he was called to the head office in San Francisco as vice-president in charge of public relations and service, and in that capacity has had charge of the operations of the company's territorial divisions and districts throughout the entire system.

BUILDING BRISK IN SANTA CLARA COUNTY

William Howe, secretary of the Santa Clara County Builders' Exchange, in commenting on building situation in the Santa Clara Valley says: "It is our observation that building, while it is reported to be falling off in other ports, is holding up in San Jose and nearby places. But we will say that there are fewer dwellings being planned and figured upon than a few months ago. We feel that the peak of house building in the valley has passed, for the time being, but buildings along other lines is going ahead.

"For instance, there is activity in the apartment house line. We know right now of four large aparment houses that will go up this summer and they will present an outlay of close to $200,000. We also know of other large jobs that are being figured. The jobs coming up are all large. The number of small jobs is not so large as it was."

RICHMOND BUILDERS BANQUET

Following a general discussion of the building business in the East Bay section, members of the Contra Costa County Builders' Exchange, at the July 13th meeting, closed the evening with a "home made" banquet served from the kitchen in the new quarters of the Exchange on Fourteenth street, Richmond.

The banquet was served under the personal direction of E. H. Higgins, assistedd by B. J. Ballantyne and James M. Walker.

A lengthy interesting letter was received from L. C. Dexter Secretary of the Exchange, who is enjoying a vacation in the southern section of the state.

SAN FRANCISCO "AMERICAN PLAN" LOOMS IN NEW YORK

The following few paragraphs on the New York bricklayers' controversy have been extracted from the New York Times of June 21:

"Two outstanding proposals loomed in the last two weeks as a result of the strike. Representatives of the public had stated that unless something were done to relieve the situation, the public would some day intervene, perhaps in a manner similar to the Citizens' Committee for the Landis Award in Chicago, which brought about an open shop in the trades that refused to abide by the award. The other proposal was the necessity for an apprenticeship system in the building trades whereby union restrictions, alleged to be detrimental to building, would be modified or abrogated.

"There now exists among the mason builders and general contractors a strong nucleus of powerful interests that are looking more and more to the possibilities of the so-called American Plan, as established in San Francisco, Detroit and Chicago. Considerable correspondence has ensued during the last week between these interests and the Citizen's Committee for the Landis award in Chicago. Pamphlets issued by the Chicago committee have been received here and read with great care.

"The interests that have been studying the American plan of open shop and a more open apprenticeship system, with the New York building trades in mind are of the opinion that unless the public takes a firm hand rents cannot come down."

With reference to the efficiency of bricklayers during the winter, the Times further stated that:

"Builders who have taken to erecting structures during the winter rather than in the usual season said that the increased wage to bricklayers would have no immediate effect on them, as the efficiency of bricklayers today was less than two-thirds of their efficiency during the winter. Last winter these contractors paid $10 a day and obtained full efficiency from their men."

NORTHWEST LUMBERMEN SEEK TARIFF CUT

At a recent meeting in Bellingham, Wash., for fir and cedar manufacturers of Northwest Washington presided over by J. H. Bloedel, president of the Bloedel-Donovan Lumber Mills of Bellingham, a resolution was adopted expressing "unalterable opposition" to a duty of $1 a thousand on saw logs, while lumber, shingles, boxes, pulp and news print manufactured therefrom are admitted free.

The manufacturers also adopted a resolution requesting President Harding to provide temporary relief by reducing the tariff 50 per cent under the provisions of the Fordney-McCumber tariff act, and approved a bill introduced by Representative Lindley H. Hadley for the repeal of the log tariff.

A committee of lumber, box, shingle and pulp manufacturers will be sent to Washington to appear before the Tariff Commission hearing August 3, in support of the program.

TRADE ASSOCIATION IS AMERICAN BUSINESS INSTITUTION, SAYS HOOVER

Declaring that the trade association as a facility for the promotion and self-regulation of industry and commerce has become, by reason of its scope and activity, an important American business institution, with which the public, generally speaking, is little acquainted Herbert Hoover Secretary of Commerce, in the introduction to that Department's new book entitled "Trade Association Activities," just released, expressed the opinion that the constructive purposes of these organizations have unfortunately been confused with the minority of activities which have been used as a cloak for action against public interest.

"Just as a business house or an individual meets its obligations and carries on its daily relations within the community, so the trade association has a real individuality in the business fabric," according to Secretary Hoover.

"All trade association activities are not good, just as all individual habits are not good until so proved by their reactions on the individual and the community," the Secratery says, adding that "perhaps the best way to guide activities into the most constructive and profitable chanels is through thoroughgoing analysis and examination of those activities which seem on the surface to be constructive in their application and results."

WEED LUMBER COMPANY PAYS $2,750,000 FOR SISKIYOU COUNTY LANDS

The biggest business deal in the history of Siskiyou County was believed to have been concluded a few days ago when the Weed Lumber Company filed a deed to a vast area of forest land in the eastern part of Siskiyou County, bought from the McCloud River Lumber Company.

While the amount involved in the transaction was not made public, the revenue stamps on the deed indicate that the price paid for the McCloud River Company holdings was $2,750,000.

The timbered area acquired by the Weed Lumber Company is in the territory of the company's plant at Weed, said to be the largest lumbering and lumber-manufacturing camp in the world, and the purchase of the area means that the company has acquired sufficient material to keep the Weed plant in full operation for the next decade.

Whether the company plans to enlarge its plant to take care of its increased holdings, has not been announced. However, it is known that help is being continually added and that the timber-cutting force has recently been considerably enlarged.

The consummation of this deal marks the second big lumber transaction within the past two months, the Pickerings having acquired the Dwinnell holdings in Butte Valley, at an outlay of more than $1,000,000.

Smaller transactions in both the eastern and western part of the county since the first of the year have involved more than $5,000,000 worth of Siskiyou County timbered property.

STATE HIGHWAY COMMISSION TO STUDY PAVEMENT FOUNDATIONS

(By R. M. Morton, State Highway Engineer)

Convinced that there exists a great deal of valuable data with relation to subgrades and foundations which has all important influence upon the permanency of the pavements built in California, the engineers of the California Highway Commission are undertaking a systematic study of foundations under existing pavements.

No other factor has so much influence upon the lasting qualities of pavements as that of foundations, unless it may be the question of drainage, which is the all-important problem in road construction, regardless of the quality of soils.

The investigation already begun is being made with a particular reference to the character of the soil used in building grades, and in forming subgrades for existing pavements. Many instances exist on the completed portions of the State Highway System where sections of light pavement have served traffic with a high degree of efficiency with small maintenance expenditure, and many such sections give promise of additional years of usefulness. On other sections where different soil types are present the pavements have failed, to the annoyance of traffic, and are unsatisfactory even under large maintenance expense

More attention must be paid to drainage and foundation, and highway engineers must know all that it is possible to learn relative to the properties of the various classes of soil met with in highway construction.

The general method pursued in this investigation will be to obtain samples of soil from beneath pavements which have proven satisfactory, also to secure other samples from locations where pavements have failed. From analysis and classification of many samples, it should be possible to obtain data which will show that certain definite qualities are usually present in the soils that furnish good foundations and that certain other definite qualities are usually present in soils that furnish unsatisfactory foundations.

At the laboratory of the California Highway Commission, tests will be made of the samples obtained to determine the sand content and the clay content of the soil; its ratio of shrinking and swelling upon being subjected to various degrees of moisture; its capillary attraction for underground water and its bearing power under various conditions of moisture.

All of these tests of subgrade soil taken from beneath existing pavements will be co-related, the soils classified; the practical use of these tests will be in their application to soils encountered on new construction.

The analysis of many hundred samples of soil which are found to be suitable in their properties as foundations for pavements should enable the engineers to judge beforehand whether the soil will make a stable foundation. The engineers will then be in a better position to design their future construction. Too little attention has been given in the past by highway engineers to the character of soils encountered, but after such a study of existing conditions is completed, there should be in the future little excuse for not taking precautionary measures.

CAN YOU BEAT IT?

W. B. Hutchinson Co., of Port Huron, Mich., claim to be the oldest roadbuilding firm in the country, having built roads for over 50 years. Let's hear from other road builders.

Commission to Survey State Highway System

Discussing the Bromley bill providing for the appointment of a commission to make a survey of the state highway system, which has been signed by Governor Richardson, Secretary W. F. Mixon of the California highway commission says:

"The committee, which serves without pay, is authorized to propose a complete system of state roads, study types of construction and materials to be used, to recommend the inclusion of additional mileage, the exclusion of certain legislative roads now included in the system, and the time to be occupied in the completion of the system. Most important of all its duties will be the submission in its report to the legislature two years hence, of some plan for financing the enterprice. It is estimated by the engineering department of the highway commission, through R. M. Morton, state highway engineer, that it will require at least two hundred millions of dollars to complete the 6500 miles of highway now included in the system.

"To issue bonds for so vast a sum would seem to be bad financing, so some other mode of raising funds for new construction would seem advisable. It might come from a gas, weight, license or tire tax, made just sufficiently large to carry construction over a period of years. There is also quite a widespread and growing sentiment in the state in favor of an oil production tax of a few cents a barrel or small percentage of selling cost. Those favoring such a tax argue that what comes from the earth, never to return, should be used as a basis to put something on the surface of the earth for the public welfare.

"Whatever the committee recommends will only be after full and careful consideration and, no doubt, the report will have weight with the legislature to which it is submitted.

"The Governor has thirty days in which to make the appointments. The bill provides that the committee shall be composed of the state highway engineer, one member of the highway commission, one member of the state board of control, one member of the senate, one member of the assembly and four members from the state at large."

TERRA COTTA SPECIFICATIONS UNDER DEVELOPMENT

The National Terra Cotta Society and the American Institute of Architects, working through their respective committees on specifications and structural service for the past two years, have formulated a set of specifications for architectural terra cotta and its setting.

William H. Powell, as President of the National Terra Cotta Society, and Stephen F. Voorhees, as Chairman of the Structural Service Committee of the American Institute of Architects, submitted the specifications to the American Engineering Standards Committee for development, and ultimately for approval as a national standard. The specifications already developed will form the basis of the work of a representative sectional committee which will be organized especially for the purpose.

The special committee appointed by A. W. Whitney, Chairman of the American Engineering Standards Committee to consider this project, was headed by Dr. F. C. Brown, Assistant Director of the Bureau of Standards, and included William H. Powell, President of the National Terra Cotta Society and Chairman of its Committee on Specifications; S. W. Jones, State Architect of New York, and representative of the American Institute of Architects on the A. E. S. C.; H. H. Quimby, representative of the American Society of Civil Engineers; and C. L. Warwick, representing the American Society for Testing Materials.

As a result of the consideration of the problem, the special committee unanimously recommended, at the meeting of the American Engineering Standards Committee on July 14, that the Bureau of Standards should act as sponsor for the work, assuming the responsibility for the organization of the sectional committee, which, as is the regular course under American Engineering Standards Committee procedure, will include all interests concerned in the manufacture, use, and setting of architectural terra cotta. This recommendation was adopted by vote of the American Engineering Standards Committee, and the organization of the working committee and the development of the specifications will be promptly undertaken.

ONE HUNDRED MILLION ANNUALLY FOR HIGHWAY CONSTRUCTION URGED BY ROAD HEAD

An appropriation of $100,000,000 annually by the federal government as its share in state road building, and construction of highways by states through Indian reservations in the West were favored in resolutions adopted by the Western Association of State Highway Officials meeting in Salt Lake City.

Before adjournment and decision to hold the next convention at New Orleans, the association completed the organization of a permanent sub-association, consisting of auditors and accounting repesentatives of eleven western states to co-operate in efforts to develop a uniform plan in the handling of road problems.

The purpose of the sub-association also will be to establish a system of statistical reports on road conditions, "in order to place the true facts before the public."

Another resolution passed by the delegates recommended that congress amend present laws to permit states to dispose of unserviceable or surplus war equipment or supplies, and use the proceeds to buy equipment and supplies for the highway departments

In urging that congress restore the appropriation of $100,000,000 annually for road building, the association pointed out that "then general financial condition of the country is rapidly approaching a pre-war condition of prosperity."

Appropriation of $10,000,000 yearly for forest highways also was urged.

J. A. Gray, member of the Colorado delegation, declared that it waa necessary for his state to have a highway outlet across the Navajo reservation in New Mexico. Representatives of other states urged construction of highways through Indion reservations as essential.

Howard C. Means, chief engineer of the Utah road commission, was elected president of the association; L. E. Laird, superintendent of the Wyoming highway department, was named vice-president, and George W. Bordern, state highway engineer of Nevada, was named secretary.

Delegates who attended the convention represented the states of California, Colorado, Utah, Nevada, Idaho, Arizona and Wyoming.

ROADS TO COMPRISE FEDERAL AID SYSTEM DESIGNATED IN 34 STATES

Roads that will comprise the Federal-aid system of highways have been definitely designated in 34 States, according to the Bureau of Public Roads of, the United States Department of Agriculture.

A study of the system in the 34 States now approved shows some interesting facts. Nearly every city of over 5,000 population is located upon it and the few that are not will connect with it over improved roads. Indications are that over 90 per cent of the entire population of the United States will live within 10 miles of a Federal-aid highway. In a number of States the figure is as high as 98 per cent and in some of the States will it drop below 65 per cent.

The following tabulation shows the mileage in the system by States, estimates being given for those States whose systems are not yet approved:

	Federal-Aid System
Alabama	3958*
Arizona	1498
Arkansas	5037*
California	4467
Colorado	3360
Connecticut	835
Delaware	266
Florida	1855
Georgia	5662*
Idaho	2772
Illinois	4987*
Indiana	3957
Iowa	7154
Kansas	6423
Kentucky	2250
Louisiana	2667*
Maine	1393
Maryland	1036
Massachusetts	1290*
Michigan	4582
Minnesota	6801
Mississippi	3290*
Missouri	7040
Montana	4697
Nebraska	5500
Nevada	1456
New Hampshire	988
New Jersey	983
New Mexico	3258
New York	4498
North Carolina	3816
North Dakota	4855*
Ohio	4506
Oklahoma	7889*
Oregon	2814
Pennsylvania	3954
Rhode Island	165
South Carolina	3179*
South Dakoa	8077*
Tennessee	4564*
Texas	11655*
Utah	1430
Vermont	1043
Virginia	3016
Washington	2887
West Virginia	1901
Wisconsin	5561*
Wyoming	3324
Total	187406

*Mileage given is an estimate, as system is not yet approved.

U. S. EXAMINATIONS

Radio engineer—Vacancies throughout the United States, $4000 to $5000 per annum.

Associate radio engineer—Vacancies thhoughout the United States, $3000 to $4000 per annum.

Associate radio engineer—Vacancies throughout the United States, $2000 to $3000 per annum.

Editor of research publications—Vacancies in Washington, D. C., and one in Madison, Wis., together with vacancies requiring similar qualifications at higher or lower salaries; $3000 to $3600

Junior engineer—Vacancies in water resources branch of geological survey and in positions requiring similar qualifications at higher or lower salaries; $1620 plus bonus.

Further information and application blanks may be obtained from the secretary of the United States Civil Service Board at the Post Office, San Francisco.

Artificial Lumber Gives Promise of General Utility

Experiments in the making of "artificial" lumber are arousing increasing interest among government officials and leaders in the lumber industry.

Although none of the product has been marketed, officials of the National Lumber Manufacturers' Ass'n., declare that tests already made of synthetic composition produced by Minnesota lumber interests show it possesses many qualities making it available for structural purposes.

The experiments are based on somewhat the same principle as that employed in the manufacture of paper from wood pulp. In the process not only the trunks and branches of young trees, but the leaves and smaller parts as well are ground up and mixed with other substances, virtually eliminating waste. The resulting compound is capable of being moulded into sizes and shapes of almost any description needed in building.

Officials of the lumber manufacturers' association declare that if a practical method of this sort can be perfected, the result may be to revolutionize the entire lumber industry. Aside from utilizing the present great waste in converting trees into usable lumber, they say, it presents a solution to the manufacturer's problem of finding sufficient material in the country's rapidly diminishing timber resources.

From the time the standing tree is turned by the sawmill into planks and boards and applied in construction, from 60 to 65 per cent has been wasted. This includes stumps, chips, bark and branches, plank and log trimmings and a huge amount of sawdust. The new method will use all of this.

Already $750,000 have been spent in experimental work in this direction by the Weyerhaeuser lumber interests in Minnesota. Their experiments are said to have been undertaken largely because one of the chief obstacles encountered by lumber manufacturers is the competition of paper manufacturers, who can use young trees unsuitable for lumber purposes. This is especially important in the Lake states, where pulp mills so compete with sawmills as to make it practically certain that very little saw timber will be grown commercially under present conditions. Timber owners find that in from 15 to 20 years they can grow crops of spruce that will be suitable for the pulp and paper mills, whereas it would take from 50 to 100 years to grow a crop that would meet the requirements of the lumberman.

According to the manufacturers' association, tests have shown the artificial lumber to have a satisfactory tensile strength and to be capable of being sawed, planed and nailed, so that the product lacks only the charm of the grain effects of natural wood. Officials of the forestry service, while declaring they had not yet been assured the strength of the artificial boards equals that of the natural ones, believe they would be useful for many purposes. One of their strong points, it is said at the forestry service, is their waterproof qualities and insulation against heat and cold.

WEYERHAUSER TIMBER COMPANY PURCHASES LANDS

Purchase by the Weyerhauser Timber Company of 480 acres of land on the Klamath river, four miles from the City of Klamath Falls, is shown in a deed filed in that city. Conveyance was made by C. L. and Marion Holliday. Stamps on the deed indicate that approximately $47,844 was paid for the lands.

A portion of this tract is opposite the recent 226 acre purchase of the company. J. F. Kimball, Weyerhauser representatice at Klamath Falls, says the purchase was made as an addition to the present mill site holdings with a view to the construction of a sawmill and subsidiary plants at some future time.

The company's holdings now total 746 acres.

CEMENT INDUSTRY GROWS

A report compiled by the United States Geological Survey shows that in the first five months of 1923 a much larger part of the year's requirements for Portland cement in building and road construction has been produced and shipped than in the same period of any previous year. Ordinarily these are months of light demand, but on account of increased building activity efforts have been made by the cement manufacturers to spread the demand over the entire year in order to relieve the peak load on this industry and to insure prompt delivery as well as an adequate supply.

Both production and shipments of cement during the first five months of this year exceeded all previous records for the same period. The increase over last year was more than 40 per cent for the period.

ONE GOOD WAY TO MAKE FALSE MARBLE

A few contractors are able to make an artificial marble that will compare in appearance with the best slabs from Italy and yet cost only a fraction of the real stone. The process is that known as Scagliola, while the product itself is usually called Pavanazzo. Although the method is several hundred years old in Italy, it has not been used extensively in the United States.

The process, which is accomplished by a few skilled Italian workers now residing in our county, consists in laying on a piece of oilcloth, a net of colored skeins of silk and, on this material, spreading a lay a of a special imported cement. After this layer of cement has stood for some minutes the slik is withdrawn, whereupon the slab is carefully leveled and covered with a strip of cheesecloth and a layer of dry plaster, which is allowed to stand for a few moments. The cloth and the plaster are then removed, and there appears a slab of putty-like cement in which is a colored pattern left by the silk. This pattern is just like that of the natural marble.

The silk and the cheesecloth are then washed, and the resulting water, mixed with cement, is used to fill up the lines in the base. The next step is to apply the slab to the desired part of the structure and mold to shape and fit. After a couple of days it is hard enough to polish with a stone, and the result is a close imitation of the expensive marble formed by nature, yet having been made right on the job.—American Contractor.

Do you know—That real estate sales in San Francisco for the first six months of 1923 totalled $92,950,883, an increase of $21,593,186 over the corresponding period of 1922?

GOLD DREDGING IN ALASKA

Twenty-three gold dredges were operated in Alaska during 1922 and produced $1,767,750 worth of gold, according to a statement given out by the Department of the Interior through the Geological Survey. Of these dredges 15 were on Seward Peninsula and the others in the interior of the Territory, including 3 in the region served by The Alaska Railroad. They excavated 3,186,340 cubic yards of gravel; hence t value of the gold recovered was 55 cents to the cubic yard. Dredge mining is on the increase in Alaska. This information is an advance statement from the annual report on the mining industry of the Territory by Alfred H. Brooks, Chief Alaskan Geologist, now in preparation.

PUBLICATIONS

Bulletin No. 325 relating to the union scale of wages and hours of labor throughout the United States as of May 15, 1922, and showing comparison with preceding years, has just been issued by the Bureau of Labor Statistics of the United States Department of Labor. The complete bulletin embraces returns from sixty-six leading industrial cities, and states the scale in twelve groups of industries embracing ninety-one trades and occupations, which reported an aggregate membership of 861,893.

Save the Surface Campaign, 507 The Bourse, Philadelphia, has issued a booklet containing sample reproductions of national advertising to be employed in the "Save the Surface Campaign." Its avowed purpose is to teach the public to use paint and varnish adequately for the economical maintenance of nearly all kinds of property, and "to make painting a year-round business" for the greatest possible ultimate development of the paint industry in general.

"Koehring Heavy Duty Paver" is the title of the finely finished 48-page catalog, No. 24, which has just been run off the press by the Koehring Company, Milwaukee, Wisconsin. This catalog portrays minutely the makeup and the specifications of the Koehring paver. The last pages are devoted to illustrations taken from photographs showing this paver in action at different places Proportions and quantities that can be mixed in various sized pavers are given in detail.

"Smith Excavator and Loader," neatly printed and edited new catalog No. 408-A published by the T. L. Smith Company, Milwaukee, Wisconsin, is devoted solely to the description and illustration of this portable, gasoline driven, drag-line excavator. Illustrations show the machine in various fields of activity; gravel excavating and loadings; stripping and stock pile loading; and grading. Specifications are given in detail.

"Dickey Clay," house organ and service bulletin devoted to constructive cooperation in the field of clay products, published by the W. S. Dickey Clay Manufacturing Company, Kansas City, Missouri, deals largely with vitrified glazed sewer pipes and culverts. Business conditions and trade expansion are also discussed in an interesting manner.

Foreign Markets for United States Iron & Steel

The increase in the American foreign steel trade during April is noticeable in each of the four major countries to which these goods were shipped. Exports of iron and steel products from the United States to Canada gained 3341 long tons in volume over those for March, to Japan 7374 tons, to Cuba 2724 tons, and to Mexico 1988 tons. On the other hand, shipments to Spain, the United Kingdom, and Chile dropped off considerably. A list of the countries to which were destined over 500 tons of American iron and steel that left ports in the United States during April together with the amount consigned to each, is shown in the following table:

United States exports of iron and steel to principal foreign countries

Countries of destination	Tons
Canada	75,017
Japan	29,215
Cuba	14,015
Mexico	7,870
United Kingdom	5,090
China	4,561
Argentina	3,997
Australia	3,527
Peru	2,919
Brazil	2,771
Philippine Islands	2,633
Colombia	2,047
Chile	1,943
Honduras	1,820
Kwangtung Leased Territory	1,638
Hongkong	1,630
Belgium	1,614
Panama	1,519
British West Indies	1,345
British South Africa	1,339
Chosen	1,241
Italy	1,191
Dutch East Indies	842
Venezuela	827
Dominican Republic	685
France	651
Bolivia	643
Uruguay	556
Guatemala	551

Other outstanding shipments of specified commodities were: Steel bars, 1399 tons to the United Kingdom and 1427 tons to China; skelp iron or steel, 982 tons to Scotland; galvanized sheets, 906 tons to Mexico, 842 tons to Colombia, 672 tons to China, and 634 tons to the Dutch East Indies; tin plate, 1172 tons to Italy, 645 tons to Argentina, 958 tons to China, and 776 tons to Hongkong; fabricated structural shapes 676 tons to Argentina; rails, 122 tons of heavy rails and 704 of light rails to Honduras; 764 tons of light rails to Panama, 943 tons of heavy rails to Chosen, 1445 tons of heavy rails to Kwangtung Leased Territory, and 924 tons of heavy rails to the Philippine Islands; casing and oil-line pipe, 1632 tons to Mexico, 493 tons to the British West Indies, 537 tons to Argentina, 492 tons to Bolivia, and 1622 tons to Peru; welded black pipe, 829 tons to England and 742 tons to Mexico; galvanized wire, 575 tons to Argentina, barber wire, 742 tons to Argentina; 774 tons to Brazil, 863 tons to Australia and 652 tons to British South Africa; cut nails, 492 tons to Chile; wire nails, 726 tons to China; and spiegelsen, 1503 tons to Belgium.

Exports to Canada in April were comprised primarily of the following, in tons: Pig iron, not containing alloys, 1482; scrap, 2596; ingots, blooms, billets, and slabs, 593; steel bars, 8144; wire rods, 2042; plates, other than boiler plate, not fabricated, 13,167; skelp iron or steel, 9487; galvanized sheets, 4536; black steel sheets, 5988; black iron sheets, 768; strip steel, 1442; hoops, bands, and scroll, 2121; tin plate, 3726; structural shapes, not fabricated, 8091 structural shapes fabricated, 986; other structural forms, 821; heavy rails, 2145; light rails, 156; rail accessories, 468; boiler tubes, 807; plain wire, 541; galvanized wire, 1002; barbed wire, 877; and iron castings, 578.

Consignments for Japan included 1904 tons of scrap, 564 tons of iron and steel bars, 1547 tons of wire rods, 500 tons of galvanized sheets, 3819 tons of black steel sheets, 4047 tons of tin plate, 452 tons of structural shapes, not fabricated, 1698 tons of fabricated structural shapes, 647 tons of other structural forms, 6067 tons of heavy rails, 51 tons of light rails, 491 tons of rail accessories, 2276 tons of welded black wire nails.

Cuban purchases embraced a great variety of products, but chief among them were 2057 tons of steel bars, 1199 tons of galvanized sheets, 745 tons of tin plate, 426 tons of structural shapes, not fabricated, 950 tons of fabricated structural shapes, 999 tons of other structural forms, 2483 tons of heavy rails, 188 tons of light rails, 618 tons or rail accessories, 504 tons of nails and tacks, 432 tons of welded black pipe, 394 tons of welded galvanized pipe, 729 tons of cast iron pipe and fittings, and 617 tons of barbed wire.

INCREASING PRODUCTION

Among the resolutions passed by the International Chamber of Commerce in Rome which began on March 18, was one of the Restoration of Production containing the following principles recommended for increasing production. Items 1, 2 and 3 are particularly applicable to the construction industry:

1. Enlargement of production by every invention and mechanical device which offers economy of production.

2. Elimination of all artificial restrictions and recognition of the need of maximum individual output on the part of all concerned in production.

3. Stimulation of individual effort by personal remuneration based on relative individual output.

4. Governmental policies which encourage existing industries and the creation of new industries—especially by a lowering of taxation as ooon as possible.

5. Adoption of governmental policies which will permit not only taxpaying ability on the part of directors of industry and workers but also opportunity to save and give the incentive of security in the enjoyment of the earnings of exceptional ability and effort.

6. Recognition and assurance of the advantages of private ownership and operation of business enterprise as contrasted with state ownership and operation, such state operation having been proved by experience to involve burdens of unnecessary personnel and other expense, and difficulties of adjusting charges for serxice, all of which hamper rather than stimulate production and economy.

7. Taking immediate steps to see that men engaged in non-productive pursuits are diverted as soon as generally is possible to productive labor.

The Carnegie Steel Co., a subsidiary of the United States Steel Corporation, has issued a new list with upward revision in the prices of various sizes of bars and small shapes. Independent steel companies are expected to follow the advances, it was said. Bars and small shapes previously have been turned out on a below cost basis. The advance will not be much over 2 per cent, officials said.

Building News Section

APARTMENTS

Plans Being Figured.
STORE & APT. Bldg. Cost, $80,000
SAN FRANCISCO, O'Farrell E Hyde.
Five-story reinforced concrete class C store and apt. bldg.
Owner—E. Vignie.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

Ready For Figures In About a Month.
APT. BLDG. Cost, $90,000
SAN FRANCISCO, N. Jackson 100 E Buchanan.
Five-story class C reinf. conc. apt. building.
Owner—Sydney L. Peiser.
Architect—MacDonald & Couchot, 234 Pine St., San Francisco.

Contract Awarded.
STORE & APTS Cost, $19,000
MILL VALLEY, Marin Co., Throckmorton Ave.
Two-story frame store and apts. (2 stores and 4 apts.)
Owner — Louis Maurer, Lovell St., Mill Valley.
Contractor—E. G. Nelson, Mill Valley.

Contract Awarded.
APTS. & GARAGE Cost, $18,000
SACRAMENTO, 2201 I St.
Two-story frame (6) apts. and garage.
Owner—Ernest Williams, 11th and Q Sts., Sacramento.
Contractor—P. R. Opdyke, 1009 7th Ave Sacramento.

Bids To Be Taken Shortly.
REMODEL Cost, $12,000
SAN FRANCISCO, UNION ST.
Two frame flats being remodeled into 4 apts. and 4 stores.
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., S. F.

Permit Applied For—Contracts to be Awarded Next Week.
APARTMENTS Cost, $150,000
SAN FRANCISCO. S Pine St., bet. Jones and Taylor Streets.
Six-story and basement reinforced concrete apartment building (35 2 and 3 -room apts.) cement plaster exterior.
Owner—Geo. L. Fish.
Architect—Frederick W. Quandt, Monadnock Bldg., San Francisco.

Permit Applied For.
APT. HOTEL Cost, $500,000
SAN FRANCISCO. NW Taylor and O'Farrell Sts.
Twelve-story and basement Class A apartment hotel, 62x112-6.
Owner—Matthew A. Little, 535 Geary St., San Francisco
Architect—E. E. Young, 2002 California St., San Francisco.

Contract Awarded.
BUILDING Cost, $15,500
SAN FRANCISCO, E Castro 55 N 20th.
Two-story and basement frame bldg.
Owner—John J. & Alice I. Sweeney 4115 19th, San Francisco.
Contractor—Olson & Persson, 289 Fell St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $15,000
FRESNO, 917 Forthcamp Ave.
Two-story frame apts.
Owner—R. C. Kennedy, Mason Bldg., Fresno.

Sketches Being Prepared.
APT. BLDG. Cost, $125,000
SAN FRANCISCO, Sutter St.
Six-story class C apt. bldg.
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg. San Francisco.

Segregated Figures Being Taken.
APARTMENTS Cost, $——
SAN FRANCISCO. NW Geary and Leavenworth Sts.
Five-story steel frame and concrete apartment building (33 2-room apts.)
Owner—Miss Annie Driscol.
Architect — Sylvain Schnaittacher, 233 Post St., San Francisco.

Plans Being Figured.
APT. BLDG Cost, $—
SAN FRANCISCO, Bay and Gough Sts.
Two-story frame and stucco apartment bldg. (4 4-room apts.)
Owner—Miss Enid Crippen.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Contract Awarded.
SAN FRANCISCO, E Polk 50 S Chestnut.
Three-story and basement frame (6) apartments.
Owner—Jennie Perry.
Contractor — The Helbing Co., 1322 Lombard, San Francisco.

Plans Completed.
STORE & APTS. Cost, $17,500
SAN FRANCISCO, S Clement 57-6 W 9th Avenue.
Three-story and basement frame store and (4) apartments.
Owner—Edwin Val Schmidt, 2099 Fillmore St., San Francisco.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $12,000
SAN FRANCISCO, S California 80 E 18th Ave.
Two-story & basement frame (4) apts.
Owner—H. H. Baird, 581 4th Ave., S. F.
Contractor—C. H. Magille, 581 4th Ave. San Francisco.

Contract Awarded.
APARTMENTS Cost, $22,811
SAN FRANCISCO, N Green St., East of Webster St.
Three-story frame, brick veneer and stucco apartments (6 3-room apts.) also breakfast rooms; garage for 6 machines.
Owner—Robert Wallace Jr.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—C. F. Parker, 15 Merced St., San Francisco.
This contract includes all work except the painting, roofing, hardware, light fixtures and window shades.

LOS ANGELES, CAL.—Kelly Roth, 1132 Ingraham Street, has had plans prepared and will erect a 60-room, 30-apartment building on Ingraham St., near Bixel Street for himself. Three-story., frame and plas. construction. Cost. $60,000.

LONG BEACH, Calif.—Archt. Geo. Eldredge, 703 Sun Drug Bldg., is completing plans for a 4-story class C apt. bldg., 44x133, to be erected at Long Beach, for Marshall & Gordon; will contain 39 single apts. Brick, comp. rfg., hardwd., O. P. and terrazzo fls., wall beds, tile baths and drainbds., Otis elec. elevator, pent house, press. brick facing ,art stone trim, O. P. trim, unit water htr., ornam. iron, plate glass.

LOS ANGELES, Calif.—Frank F. Rasche, 5652 Hollywood Blvd. has completed plans and will erect a 4-story and basement brick apt. bldg. at 12th and Grand View Sts. for William W. Bearman, J. A. Miller and A. W. Hachet. Sixty-four apts. Ruffled brick and cast stone facing.

LOS ANGELES, Los Angeles Co., Cal. A. C. Blumenthal, Loew State Bldg., and associates have purchased the property at Santa Monica Blvd. and Ocean Ave., Santa Monica, and will erect a 12-sto., class A apt. hotel. The site is 100x150 ft. The bldg. will contain 350 rooms and will be of reinforced concr. constr.; $1,000,000. A. C. Blumenthal and associates have also purchased 5 lots near Crystal Pier, Santa Monica, and contemplate the erection of a store and apt. bldg. to cost $100,000.

SANTA CLARA, Santa Clara Co., Cal. —Wm. Griffiths has purchased property at 839 Franklin street and will erect a two-story store and apartment building. Structure will have 46-ft. frontage.

SAN FRANCISCO—Francis O'Reilly, 180 Jessie St., has ben awarded a contract for the plastering in connection with the construction of a 5-story steel and concrete apt. bldg. Contract price, $11,898. It is being erected on the S side of Jackson, 124 E. Franklin, for B. H. Brownstone and I. R. Kissel, 1540 Polk St. Bliss & Faville, Balboa Bldg., are the architects.

LONG BEACH, Los Angeles Co. Calif.—Harold E. Ketchum, 1705 E. First St., Long Beach, has the contract at $325,000 for erecting a 6-sto , class A, reinf. concr., own-your-own apt. bldg. to be erected at 229 W. 6th St., Long Beach, for R. C. Robertson, which will be named the Bonnicastle. Fifty apts., full basement containing refrigerating plant, steam heating plant, showers, lockers, marble and tile lobby, ornam. iron stairs, brick and terra cotta facing, maple kitchen fls., tile drainboards, tile baths with 5-ft. tile walls, laundry, clothes dryers, dis. beds, dual control electric elevator. Leonard P. Wikoff and Harold E. Burkett, 311 Commercial Bldg., 546 Pine Ave., Long Beach, engineer and archt.

BONDS

HANFORD, Kings Co., Cal—Election will be held Aug. 4 in Hanford Grammar School District to vote direct tax of $26,000 to finance purchase of 10-acre school and erection of new school. Trustees of district are: E R. Nash, L. M. Powell and Wm. J. Weber.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbl. $2.00 Gal.
1 GAL. CANS 1.25 Net F.O.B. SF
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF
PHONE SUTTER 5307

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

PASO ROBLES, Cal.—Paso Robles High School District votes bonds of $200,000 to finance construction of new high school.

BAKERSFIELD, Kern Co., Cal. — Rockpile School District will vote direct tax of $3200, August 10, to finance school improvements and purchase of furniture. Trustees are: Geo. B. Landers, M. F. Newmarkle and Frank Brown.

KERMAN, Fresno Co., Cal.—Election will be held July 25 in Kerman Union High School District to vote bonds of $75,000 to complete high school buildings.

GRIDLEY, Butte Co., Cal.—Election will be called within next ten days in Gridley Union High School District to vote bonds of $200,000 to finance construction of new high school. An architect is yet to be selected.

DINUBA, Tulare Co., Cal.—Election held to vote direct tax of $18,000 to finance additions and purchase of equipment for Dinuba Elementary schools failed to carry.

SANTA ROSA, Sonoma Co., Cal.—Santa Rosa High School District bonds of $375,000 have been sold for a premium of $8650. Proceeds of the sale are to finance construction of a new high school, plans for which have been completed by Architect W. H. Weeks, 369 Pine St., San Francisco.

FLORIN, Sacramento Co., Cal.—Bonds of $17,000 recently voted in Florin School District to finance construction of new school.

MARYSVILLE, Yuba Co., Cal.—Trustees of Feather River Union School District have authorized a bond issue for $30,000 to finance construction of new school. Dean & Dean, city library Bldg., Sacramento, are the architects.

CHURCHES

Revised Plans Being Prepared.
CHURCH Cost, $30,000
YUBA CITY, Sutter Co., Cal.
Frame and stucco church.
Owner—Yuba City Methodist Church.
Architect — Chester Cole, Waterland-Breslauer Bldg., Chico.

Plans Being Prepared.
SYNAGOGUE Cost, $500,000
SAN FRANCISCO. Arguello Blvd. and Lake Street.
Class A Synagogue
Owner — Temple Emanu-El (Louis C. Block, 248 Battery St., Chairman Bldg. Committee.
Architect — Sylvain Schnaittacher, 233 Post St., and Arthur Bakewell, of Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Architects—B. R. Maybeck and G. Albert Lansburgh, 140 Montgomery St., San Francisco.

FRESNO, Calif.—Archts. Glass & Butner, Fresno, are preparing working drawing for the new church bldg. to be erected by St. Paul's M. E. church at cor. Fresno and M Sts. The first unit will cost $55,000. Future operations will make the cost total $150,000. Two-story and basement; class A constr., of steel and reinf. concr. Bldg. committee chairman is J. F. Niswander, and finance committee chairman, Miss Sarah McCardle.

EAGLE ROCK, L. A. Co., Cal.—Architect Mott M. Marston and Arthur E. Hoggsette, assoc., 1400 Stock Exchange Bldg., L. A., has completed plans for a new Spanish church bldg. to be erected at Eagle Rock for the FirstCongregational Church; auditorium to seat 400, social rms., kitchen, ladies rest rms., and basement. Brick constr., plas. exter., tile rfg., cement and O. P. fls., gas htg. water htr., art and stained glass. Geo. D. Hale, 146 S College View Ave., Eagle Rock, has the contract to move present church bldg. to rear of lot and alter into Sunday school bldg.

FRESNO, Fresno Co., Cal.—Building Committee of St. Paul's Methodist Episcopal Church, W. G. Fletcher, Pastor, votes to start construction of first unit of proposed $150,000 church building, the initial expenditure of which will run about $55,000. The first unit will be erected at Fresno and M Sts., and will be of reinforced concrete construction, 2 stories in height. J. F. Niswander, Willow and Butler Sts., Fresno, is chairman of the Building Committee and Miss Sarah McCardle, 417 West Belmont St., Fresno, secretary of the Finance Committee.

FRESNO, Fresno Co., Cal.—Construction will be started within 30 days on proposed Bethel African Methodist Church to be erected at San Joaquin and E Sts. Est. cost $18,000. Will have pressed brick exterior. Rev. C. C. Carter is pastor.

FACTORIES AND WAREHOUSES

Contract Awarded.
SHOP BLDG. Cost, $20,000
SAN FRANCISCO, W 7th St. 105 N Harrison St.
One-story class C shop bldg.
Owner—The Lurie Co., 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., Inc. 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 185 Stevenson St, San Francisco.

Sub-Figures Being Taken—Contracts Awarded.
ADDITION. Cost, $300,000
SAN FRANCISCO, 3rd and 21st St.
Two-story reinforced concrete addition to factory building.
Owner—American Can Co.
Architect—C. G. Price of the American Can Co., New York.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
Sub-figures are being taken for the hardwood floors, plumbing, hardware, plastering, kitchen equipment and tile flooring.
The following contracts have been awarded:
Sheet metal work to Forderer Cornice Co.
Glass to W. P. Fuller Co.
Miscellaneous Iron Work to Fair Mfg. Company.
Brick to United Materials Co.
Common Brick to McNear Brick Co.
Stair Treads to Pacific Materials Co.
Mill Work to Pacific Mfg. Co.
Roofing to Bender Roofing Co.

Contract Awarded.
ALTERATIONS Cost, $15,900
SAN FRANCISCO. No. 670 Folsom St.
Remove flooring in 4th floor and replace new flooring, new girders, etc.
Owner—Western Electric Co., 670 Folsom St., San Francisco.
Architect—Eng. Dept. of Owners.
Contractor—W. G. Thornally, 357 12th St., Oakland.

Plans Being Prepared.
FACTORY Cost, $—
FRESNO, Fresno Co., Cal., Butler Ave.
One-story concrete and hollow tile factory building.
Owner — Independent Paper Products Co., Willard Bates, mgr.
Engineer—Leland Rosener, Insurance Exchange Bldg., S. F.
Features of the new building will be improved storage facilities, where different grades of material will be handled; two electric bailers and an entirely electrically equipped shop.

Sub-Figures To Be Taken Next Week.
BUILDING Cost, $17,000
SAN FRANCISCO, N Folsom 275 E. Fourth.
One-story class C foundry and machine shop.
Owner—W. H. Woodfield, Jr., 30 Hemway Ter.
Engineer—Jas. H. Hjul, 1342 Mission St., San Francisco.
Contractor—Jas. H. Hjul, 1342 Mission St., San Francisco.

Plans Being Prepared.
PRINTING PLANT Cost, $——
SAN FRANCISCO. Stevenson St., bet. 5th and 6th ts.
Two-story and basement reinforced concrete printing plant building, 45 x160.
Owner—Wobbers, Inc.
Architect—Albert chroepfer, Foxcroft Bldg., San Francisco.

PORTLAND, Ore.—Trenchall & Parelius, % Builders' Exchange, Portland, at $35,705 awarded contract to erect three-story brick warehouse for W. P. Fuller Co., at 22nd and Nicolai Sts. J. V. Bennes, architect, Chamber of Commerce Bldg., Portland.

UKIAH, Mendocino Co., Cal.—L. J. Holzhauser, Ukiah, is having plans prepared for a one-story brick or concrete warehouse in Clay street. Structure will cover an area of 200 by 65 feet.

SACRAMENTO, Cal. — Sacramento Pipe Works, 7th and R Sts. will start work shortly on a $50,000 plant at Sixteenth and North B Sts. New equipment will be installed for the manufacture of steel, cast and wrought iron pipe. Present plans call for structure, 150 by 100 ft., one story in height.

LOS ANGELES, Los Angeles Co., Cal.—Weymouth Crowell Co., 2026 W. 9th St., has been awarded the gen. contr. at $158,000 fo rerecting a class A warehouse at San Pedro and Commercial Sts., for L. A. Warehouse Co. Albert C. Martin, 430 Higgins Bldg., archt. It will be 5 stories and basement, 100x160 ft., reinf. concr. constr., comp. rfg., steel sash, metal skylights, elevators, steel rolling doors, wired glass, aut. sprinkling sytem.

TERRA BELLA, Tulare Co., Cal.—Grand View Heights Citrus Assn. will construct additions to packing plant. Carl H. Young, heads the association.

LOS ANGELES, Calif.—A. Godfrey Bailey, 410 Junior Orpheum Bldg., is preparing plans for a 3-sto. class A factory bldg., to be erected at NW. cor. 9th and San Pedro Sts., for the Wayside Press, A. M. Dunn. Reinf. concr. constr., 170x135 ft., press. brick and terra cotta facing, comp. rfg., steel sash, maple and concr. fls., elec. freight elevators, basement, steel beams, wire glass, metal skylights, cost, $150,000.

LOS ANGELES, Calif.—Frank D. Chase., Inc., archt. and engr., is preparing plans for a class A ice and cold storage plant, to be erected at cor. Downey Rd. and District Ave., in the Central Mfg. District, for the Federal Refrigerating Co., T. J. Murphy, pres. The first bldg. to be erected will be of reinf. concr. constr., 200x400 ft., concr. pumping pits, escalators, boilers, etc.; to be erected by day labor under the supervision of the archt. There will ultimately be 10 bldgs. erected including ice storage, cold storage, day storage, power plant, etc. They will cover 16 acres and cost about $2,000,000.

FULLERTON, Orange Co., Cal.—Clay products Co. is to build a plant at Fullerton. It will manufacture tiles and other clay products. Proposed plant will cost $85,000. The site selected is on the Bastanchury ranch, about 1 mi. south of Fullerton. An 800 ft. concrete road will be built. Survey for the work has been contemplated. The company which has offices in the California Hotel Bldg Fullerton, is headed by George R. Whitcomb, of Anaheim, and is capitalized at $125,000.

LOS ANGELES, Cal. — Los Angeles Molasses Feed Co. has been organized by J. A. Love of Kansas City, and will erect a $350,000 plant at Terminal Island. The bldg. will have 50,000 sq. ft. floor space with trackage, dock facilities, etc.

LOS ANGELES, Calif.—Archt. T. Beverly Keim, 716 Haas Bldg., has completed plans and is taking bids for a 3-story, class C brick loft bldg., 44x125, to be erected at 732 Maple Ct. ,for the Karl Stern Co.

MT. DIABLO CEMENT

A Contra Costa County Product. Awarded Gold Medal P. P. I. E.

Cowell Santa Cruz Lime

Always used where quality counts.

HENRY COWELL LIME & CEMENT CO.

2 MARKET STREET SAN FRANCISCO, CALIF.

BRANCHES

Oakland San Jose Sacramento Santa Cruz Portland, Ore. Tacoma, Wash.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE. WEST 3810.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

SANTA BARBARA, Cal. — Edw. T. Flaherty Co has completed plans and is taking bids for a 3-story class A top addition to present 2-story storage warehouse, at Santa Barbara, for Lathlin's Transfer & Fireproof Storage Co. Reinf. conc. constr., 50x90 ft., mezzanine fl., conc. fls., comp. rfg., plas. exter., freight elevator, steel sash, metal lath, wire and plate glass, trunk rms., and private vaults.

SAN FRANCISCO—A. Aronson, Merchants Exchange Bldg., owner of the 5-story reinforced concrete loft building now being erected west of Ecker, has awarded additional contracts as follows:

Terra cotta and brick walls to N. Anderson.

Terrazzo work to P. Grassi.

Bids for the plastering will be taken shortly. M. I. Schwartz, Nevada Bank Bldg., is the architect.

FLATS

Segregated Figures Being Taken.
APT-FLAT BLDGS. Cost, $30,000
SAN FRANCISCO, Dorland St. near Dolores.
Two 2-story and basement frame apt-flat bldgs. (4 4-room flats each).
Owner—C. O. Clausen.
Architect—C. O. Clausen, Hearst Bldg. San Francisco.

Contract Awarded.
FLATS Cost, $11,065
SAN FRANCISCO, W 15th Ave. 150 N Judah, 2-story and basement frame flats.
Owner—Andrew D. & Eugenia Cuneo.
Contractor — John E. McCarthy 1479 12th Ave., San Francisco.

Contracts Awarded.
FLATS. Cost, $12,000
SAN FRANCISCO, E. 20th Ave., 225 S. Anza.
Two-story and basement frame (2) flats.
Owner—J. M. Schlessinger.
Architect—None.
Contractor—P. Algot Nelson, 355 Oak St.

Plans to be Ready for Figures in a Week.
FLAT BLDG. Cost, $14,000
SAN FRANCISCO. S Chestnut St. near Van Ness Ave.
Two-story and basement frame and stucco flat building (3 flats, 3, 4 and 5 rooms).
Owner—Withheld.
Architect—A. J. Fabre and E. Hildebrand, 110 Sutter St., San Francisco

Contract Awarded.
FLAT Cost, $11,000
SAN FRANCISCO, 2854 Greenwich St.
Two-story frame flat bldg.
Owner—M. Blumberg, 2856 Greenwich St., San Francisco.
Contractor—Geo. M. Merritt Co., 3014 Geary St., San Francisco.

To Be Done By Day's Work.
FLATS Cost, $12,000
SAN FRANCISCO, N Filbert 100 E Baker.
Two-story & basement frame (2) flats.
Owner—W. W. Rednall.

Contracts Awarded.
FLATS. Cost, $13,800
SAN FRANCISCO, SW. Florida and 26th Sts.
Two-story and basement frame (4) flats.
Owner—I. Landes.
Architect—None.
Contractor—Louis Johnson, 2260 19th Ave.

Sub-Figures Being Taken—To Be Done By Day's Work.
FLAT BLDGS. Cost, $30,000
SAN FRANCISCO, Dorland St. near Dolores.
Two 2-story frame apt. flat bldgs. (4 4-room flats.)
Owner—Ellington, 180 Jessie St., S. F.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

GARAGES

Contractor Taking Sub-Figures.
GARAGE Cost, $75,000
SAN FRANCISCO. S O'Farrell 68-9 E Taylor St.
Two-story Class B concrete garage.
Owner—Laurence Barrett, 415 Taylor St., San Francisco
Architect — Sylvain Schnaittacher, 233 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contracts Awarded.
GARAGE Cost, $20,000
OAKLAND, NE. 6th and Broadway.
One-story concrete garage.
Owner—John Pierotti & Sons, Oakland.
Architect—None.
Contractor—John Perona, 567 7th St., Oakland.

Sub-Figures To Be Taken Next Week.
GARAGE & OFFICES Cost, $26,000
SAN JOSE, Santa Clara Co., Cal., an Fernando & Gillespie Sts.
One-story reinforced concrete garage and office bldg.
Owner—Geo. A. Clough.
Engineer & Contractor—Jas. H. Hjul, 1342 Mission St., S. F.

LOS ANGELES, Calif.—Milwaukee Bldg. Co., 315 Wright & Callender Bldg. has prepared plans and will erect a class B garage and loft bldg. on Figueroa St., betw. Pico and 15th Sts., for Harry A. Unger and J. D. Watson. It will be 4-sto., 90x275 ft., reinf. concr. frame, floors and roof slab, brick filler walls, press. brick and terra cotta facing, plate glass steel sash comp. rfg., metal skylights, elevators; cost, $315,000.

GOVERNMENT WORK AND SUPPLIES

Contract Awarded.
SCHOOL BLDG. Cost, $17,800
COVELO, Mendocino Co., Cal., Round Valley Indian Reservation.
One-story concrete school building.
Owner—U. S. Government.
Architect—J. C. Leibert, 180 Jessie St. San Francisco.
Contractor—J. C. Leibert, 180 Jessie St. San Francisco

Contract Awarded.
GARAGE, ETC. Cost, $12,977
BURLINGAME, San Mateo Co., Cal.
One-story frame and stucco private garage and chaueur's quarters.
Owner—George Pope.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco
Contractor — Frank H. Boring, 514 Santa Inez St., San Mateo.

PEARL HARBOR, Hawaii—See "Official Proposals," this issue.

WASHINGTON, D. C.—Until July 31, 10:30 A. M., bids will be rec. by Panama Canal Commission, under Circular No. 1543, for fur and del. Balboa (Pacific Port): Steel, steel rope, deck and power cable, bronze rope, brass and copper tubing, sheet copper and brass, special bronze, sheet lead, nuts, rectifiers, electric drill and grinder, electric fans, vacuum cleaners , centrifugal pumps, gasoline engine, shovels, rubber matting, water hose, rubber tape, packing, canvas, caning, metal-workers' crayons, asbestos wood, coal tar, chrome green, copper sulphate and colored wool waste. Further information obtainable from Assistant Purchas Agent, Fort Mason, San Francisco.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies & Accounts, Navy Department, for fur. and del. supplies to Navy Yards, as follows; date for opening bids as noted at end of each paragraph:

Schedule 1054, Mare Island, 5000 burlap bags, July 31.

Schedule 1059, Puget Sound, 75 reams emery cloth, July 31.

Schedule 1067, Mare Island and Puget Sound, a miscellaneous quantity of brass and copper tubing and pipe, July 31.

Schedule 1069, Mare Island, 30,000 pounds angle steel, July 31.

Schedule 1071, San Diego and Mare Island, 190,000 pounds white cotton waste, July 31.

Schedule 1073, for Mare Island, 2000 gals. interior varnish in 5-gal. cans, July 31.

Schedule 1074, Mare Island, a miscellaneous quantity of interior varnish, chrome green and ultramarine blue, July 31.

Schedule 1084, Mare Island, 170 sound signals, July 31.

Schedule 1087, Mare Island, 15,800 lbs. sheet copper, July 31.

Schedule 1090, Mare Island, 25,000 ft. white ash, August 7.

Schedule 1091, Mare Island, 12,000 ft. white oak, August 7.

Schedule 1096, Mare Island, 2000 lbs. galvanized wire, July 24.

Schedule 1097, Mare Island, 1650 lbs. rolled monel metal bars, August 7.

Schedule 1098, Mare Island, 10,800 lbs. seamless brass pipe, August 7.

Schedule 1100, Mare Island, 1000 lbs. floor wax, August 7.

Schedule 1102, Mare Island, miscellaneous screw clamps and wrenches, August 7.

Schedule 1103, Puget Sound, 2800 lbs. brass boat facings, August 7.

DENVER, Colo.—Until July 27, 2 p. m., bids will be rec. by U. S. Reclamation Service for fur. repair parts for outlet gates, Pathfinder dam, north Platte project, Nebraska-Wyoming.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Brooze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

WASHINGTON, D. C.—Until Aug. 1, 10:30 bids will be rec. by Purchasing Agent, Panama Canal, for fur. and del. Balboa (Pacific Port), the following materials under Circular No. 2329: Iron or steel rope, phosphor-bronze wire, lectroflater, electric sockets, electric switches, insulators, valves, bolts, hinges, kitchen equipment, flax packing, varnish brushes, paint, soldering paste, lumber.

DENVER, Colo.—Until July 23, bids will be rec. by U. S. Reclamation Service for fur. two 60-inch plate steel penstocks and one 84-inch plate steel discharge manifold for Black Canyon pumping plant, Boise project, Idaho, and one 66-inch plate steel penstock manifold for Pilot Butte power plant, Riverton project, Wyoming.

DENVER, Colo.—Ogden Iron Works, Ogden, Utah, at $9306 awarded contract by U. S. Reclamation Service for fur. steel and iron castings under Specification No. 322-D. Other bids: Steacy-Schmidt Mfg. Co., York, Pa., $8945; McGann Mfg. Co., York, Pa., $12,592.

WASHINGTON, D. C.—Until Aug. 8, under Specification No. 4864, bids will be received by Bureau of Yards and Docks, Navy Department, to install electric freight elevator at Pier No. 2, ammunition depot, Puget Sound, Wash.

LOS ANGELES, Cal.—Davery Construction Co., 304 S-Broadway, Los Angeles, at $18,642 awarded contract by Supervising Architect, Treasury Department, for alterations in postoffice, customhouse and courthouse. Work consists of heating, plumbing, electric wiring and light fixtures.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.
ALTERATIONS Cost, $300,000
SAN FRANCISCO, No. 340 Mason St.
Remodel 8-story steel frame, brick and concrete lodge building.
Owner—Native Sons Athletic Club.
Architect — Albert Schroepfer, Foxcroft Bldg., San Francisco.
The building will be remodeled to accommodate the athletic club, a swimming tank, hand ball court, etc., will be added.

Figures Being Taken From Selected list of Contractors.
LODGE BLDG. Cost, $250,000
SANTA ROSA, Sonoma Co., Cal., A St., bet. 4th and 5th Sts.
Three-story steel and reinforced concrete store and lodge building.
Owner—Santa Rosa Lodge of Elks.
Architect—Shea & Shea, Chronicle Bldg San Francisco.
Figures are being taken for a general contract.

Working Drawings Being Prepared.
HALL Cost, $80,000
SAN FRANCISCO E Jones St. bet. Eddy and Turk Sts., 54x137-6.
Two-story, basement and mezzanine floor Class A or C hall (designed for additional stories).
Owner—Musicians' Union No. 6.
Architect — Sylvian Schnaittacher, 233 Post St, San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, $6000
MILL VALLEY, Marin Co., Cal.
Alter and add to one-story frame club building.
Owner—Out Door Art Club.
Architect—Willis E. Huson, Chronicle Bldg., San Francisco.

Working Drawings Being Prepared.
CLUBHOUSE Cost, $35,000
SACRAMENTO, Calif.
One and 2-story frame and plaster clubhouse.
Owner—McKinley Park Athletic Club, 1 St., near 23rd, Sacramento.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Preliminary Plans Being Prepared.
LODGE BLDG. Est. cost $125,000
HANFORD, Kings Co., Cal.
Three-story fireproof store and lodge building.
Owner—Hanford Lodge, Benevolent & Protective Order of Elks.
Architects—Swartz and Ryland, Rowell Bldg., Fresno, cal.

Contract Awarded.
ADDITION TO CLUB. Cost, $27000
OAKLAND, BROADWAY TERRACE & Carlton.
Addition to Club.
Owner—Claremont Country Club, Premises.
Architect and contractor—Wm. Knowles Central Bank Bldg., Oakland.

Plans Being Figured—Bids Close July 31, 1923.
LODGE & STORE Cost, $60,000
VALLEJO, Georgia St.
Three-story reinforced concrete lodge and store building.
Owner—Samoset Tribe of Red Men, Vallejo.
Architect—Chas. Perry, 514 Main St., Vallejo.

Figures To Be Taken In Two Weeks.
STORE & LODGE Cost, $90,000
MODESTO, Stanislaus Co., Cal., 13th and I Sts.
Four-story brick and concrete lodge and store building.
Owner—Modesto Lodge of Elks.
Architect—Jas. H. Hoose, Ramont Bldg Modesto.

SACRAMENTO, Cal. — Sacramento Lodge No. 1020 Loyal Order of Moose, will erect a seven story reinforced concrete store, office and lodge building in the heart if the business district. The structure will cost between $225,000 & $250,000. Will have a frontage of 60-ft. Lower floor will contain stores; first four floors above will be confined to business offices and two upper floors for lodge and club rooms. Further partieulars are withheld pending the closing of the deal for the site, which matter is in the hands of Mark L. Burns, attorney, Ochsner Bldg., Sacramento. E. P. Perry is secretary and Al Hughes, dictator of the lodge. Plans are being prepared by a Sacramento architect whose name is withheld until the plans are approved by "Mooseheart."

INDEPENDENCE, Inyo Co., Cal. — O. H. Honerlah at $13,487 awarded cont. by county supervisors to construct club building for Mt. Whitney Post, No. 265, American Legion. Only other bidder was Chas. G. Phillips, $16,850.

PETALUMA, Sonoma Co., Cal.—The Central Labor Council of Petaluma has purchased the old Denan lots on Sixth street, between B and C streets, and will erect a modern Labor Temple which will be the meeting place for the labor union and also a large dance hall.

WHITTIER, Cal. — Braunschweiger & Jeckyll have completed plans for a 2-story and basement lodge bldg. to be erected at Whittier Pl. and Market St. for local B. P. O. E. It will be 83x121 ft., of Spanish type, with roof garden cone. constr., tile rf., wrought iron ornam. work and railings, marquise. The banquet hall will seat 450. Cem. fls with hardw. finish fl. There will be a motion picture projection booth with equipment. There will be special ladies annex.

HOSPITALS

Working Drawings Being Prepared.
NURSES' HOME Cost, $500,000
SAN FRANCISCO. Sutter St., bet. Scott and Divisadero Sts.
Six-story Class A nurses' home with roof garden and auditorium.
Owner—Mt. Zion Hospital.
Architects—Sylvain Schnaittacher, 233 Post St., and S. Lightner Hyman, 68 Post St, San Francisco.

HOTELS

Reinforced Steel Bids Being Taken By Contractors.
ADDITION $500,000 approx.
SAN FRANCISCO, S Post W Powell.
Five-story and basement class A addition to hotel St. Francis (designed to carry 5 additional stories).
Owner—St. Francis Hotel, Powell and Post Sts., S. F.
Architect—Bliss Faville, Balboa Bldg. San Francisco.
Engineer—John L. Hall, Stuart Bldg., Seattle.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.
Steel awarded to Dyer Bros., 17th and Kansas Sts., at approx. $60,000.

Contract Awarded.
ALTERATIONS Cost, $——
HANFORD, Kings Co., Cal.
Alter Hotel Hanford.
Owner—N. Abrams.
Architect—C. S. McNally, 661 Golden Gate Ave., San Francisco.
Contractor—L. Kragen, 661 Golden Gate Ave., San Francisco.

CALEXICO, Imperial Co., Calif.—Noble & Connor, Brawley, have been awarded general contr. at $57,250 for erecting a bldg. to house the famous Owl, recently destroyed by fire. Allen, Beyer and Withington are the owners. Excav. has started. Marble, tile, wiring, hardware and furnishings will be under separate contr. Ralph Swearingen, archt. Cost of bldg., complete, $100,000.

NEWMAN, Stanislaus Co., Cal. — Chamber of Commerce proposes to erect hotel building to contain approximately 60 rooms; same to be leased to outside interests. Three sites for the structure are being considered.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

ANAHEIM, Orange Co.—Joe Siegel, pres. of the Anaheim Bldg Corp., is in San Francisco where he will let a contr for a 5-sto. hotel bldg. 130x140 ft., which the company will erect on West Broadway, near the City Library. The bldg., which will cost approx. $500,000, will contain stores and lobby on the ground flr. with hotel rms. above, while the 5th flr. will be devoted to amusement purposes.

SAN FRANCISCO—See "Apartments," this issue.

WASHINGTON, D. C. — Until July 20, 11 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 1544, for fur. and del. Balboa (Pacific Port): steel cable, steel, iron, lead pipe, special bronze, pipe fittings, bibb clocks, files, wood screws, rivets, flue expanders, pliers, grease cups, window glass, cement, rubber tubing and yellow pine lumber. Further information obtainable from Assistant Purchasing Agent, Fort Mason San Francisco.

POWER PLANTS

Contract Awarded.
RESIDENCE Cost, $11,500
SAN FRANCISCO, N Vallejo 155 W Pierce.
Two-story and basement frame residence.
Owner—J. C. Patricio, 1239 Jackson St. San Francisco.
Architect—None.
Contractor—R. A. McLean, 180 Jessie St., San Francisco.

PUBLIC BUILDINGS

Plans Being Prepared.
BUILDING Cost, $55,000
NAPA, Napa Co., Cal.
Reinforced Concrete Women's Building
Owner—State of California.
Architect—George B. McDougall, State Architect, Forum Bldg., Sacramento, Calif.
Cost $55,000 voted by Legislature to construct.

Plans Being Figured—Bids Close Aug. 14, 1923, 10:30 A. M.
DETENTION HOME Cost, $——
MODESTO, Stanislaus Co., Cal. Vicinity of County Hospital.
Two-story brick Detention Home.
Owner—County of Stanislaus.
Architect—Jas. H. Hoose, Ramont Bldg. Modesto, Cal.
Slight changes have been made in the plans. When bids were opened on July 10th, J. F. Shepherd of Stockton submitted the lowest bid at $32,752, which was rejected as being too high.

Preliminary Plans Being Prepared.
LEMOORE, Kings Co., Calif.
Cost, $30,000
Two-story City Hall and firehouse.
Owner—City of Lemoore.
Architects—Swartz and Ryland, Rowell Bldg., Fresno.

Plans Being Figured—Bids Close July 30, 1923, 8 P. M.
TOWN HAL, ETC. Cost, $——
SUSANVILEE, Lassen Co., Cal.
Town hall and fire house.
Owner—Town of Susanville.
Architect—F J. DeLongchamps, Gazette Bldg., Reno, Nev.

Contractor to take Sub-Figures This Week.
ADDITION Cost, $40,000
OAKLAND, Alameda Co., Cal.—18th & Poplar Streets.
Two-story reinforced concrete addition to Detention Home (Juvenile Court, cells, etc.)
Owner—Alameda County.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
Contractor—F. W. Maurice, 1362 E-25th St., Oakland.

MT. VERNON, Wash.—Skagit County Commissioners taking bids to erect $300,000 courthouse from plans of Architect T. F. Doan, Bellingham, Wash. Will be fireproof construction, 3 stories in height, 100x125 ft.

MODESTO, Stanislaus Co., Cal.—City council, L. A. Love, clerk, has authorized construction of two bungalow type fire houses to cost $16,000 for which bonds were recently voted. Bids will be asked shortly.

RED BLUFF, Tehama Co., Cal.—W. C. Fickert and Son, Red Bluff, at $1,544.50 awarded contract by supervisors to install furniture in superior court room in new courthouse.

OAKLAND, Cal.—Until July 19, 12 M bids will be rec. by Eugene K. Sturgis, city clerk, for fur. and installing metal filing cases. Specifications obtainable from clerk on deposit of $5. Bond of 25% of contract price req. of successful bidder.

FAIRFIELD, Solano Co., Cal.—Until Aug. 6, 11 a. m., bids will be rec. by G. G. Halliday, county clerk, for furnishing and installing in Superior Court eight benches to be made of birch with mahogany finish. Further information obtained from clerk.

RESIDENCES

Contractor Taking Sub-Figures.
RESIDENCE Cost., $20,000
SANTA ROSA, Sonoma Co., Cal.
One-story frame and stucco residence with tile roof (8 rooms) separate garage.
Owner—Fred Rosenberg.
Architect—Sylvain Schnaittacher, 233 Post St., San Francisco.
Contractor—W. L. Proctor, Rosenberg Bldg., Santa Rosa.

Contracts Awarded.
RESIDENCE. Cost, $11,500
SAN FRANCISCO, LOTS 5 and 6, Blk 1, St. Francis Wood Extn. Two-story frame residence and garage.
Owner—St. Francis Wood Co., 278 Post St., San Francisco.
Architect—Harold G. Stoner, First National Bank Bldg., San Francisco.
Contractor—Boxton & Zwieg, Flatiron Bldg.

Figures to be Taken Next Week.
RESIDENCE Cost, $12,000
SAN FRANCISCO, Francisco St.
Two-story and basement frame and plaster residence.
Owner—Withheld.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.

RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Cal.
One-story frame 7-room residence.
Owner—Paul Chapman, Burlingame.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
RESIDENCES Cost, $25,000 each
SAN FRANCISCO, 28th Ave. and McLaren Ave.
Four 2-story and basement brick veneer and stucco residences.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.

Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

Revising Plans.
RESIDENCE Cost, $20,000
SAN FRANCISCO, West Clay Park near Twenty-seventh Avenue.
Three-story and basement frame and stucco residence with large reception hall at rear connected by an arcade, garage, patio, etc.
Owner—Solomon Schwartz.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Bids received ran too high and plans will be revised.

Segregated Figures Being Taken.
RESIDENCE Cost, $18,000
SAN FRANCISCO, NW Larkin and Francisco Streets.
Two-story and basement frame residence.
Owner—Dr. C. A. Walker, Bush and Hyde Sts., San Francisco.
Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.
The concrete foundation contract has been awarded to Patrick Hurley, 180 Jessie St.

Revised Figures Being Taken From Santa Rosa Contractors.
RESIDENCE Cost, $12,000
SANTA ROSA, Sonoma Co., Cal.
Two-story frame and stucco residence.
Owner—Mr. and Mrs. W. F. Cowan, Santa Rosa.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Plans Being Figured.
RESIDENCE Cost, $20,000
GILROY, Santa Clara Co., Cal.
Two-story and basement and plaster residence (12 rooms, 3 bathrooms), separate garage.
Owner—Dr. John A. Clark, Gilroy, Cal.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $20,000
SANTA ROSA, Sonoma Co., Cal.
One-story frame and stucco residence with tile roof (8 rooms) separate garage.
Owner—Fred Rosenberg.
Architect—Sylvain Schnaittacher, 233 Post St., San Francisco.
Contractor—W. L. Proctor, Rosenberg Bldg., Santa Rosa.

Plans Being Prepared—Figures to be Taken in Two Weeks.
RESIDENCE Cost, $9000
OAKLAND, Alameda Co., Cal. Park Boulevard.
Two-story frame and stucco residence with slate roof.
Owner—Mr. Gripp.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $13,800
SACRAMENTO, Cal. No. 965 Thirty-sixth Street.
Two-story double residence and garage (6 rooms each).
Owner—Mrs. L. King.
Architect—None.
Contractor—H. W. Robertson, 1103 37th St., Sacramento.

Work Started.
RESIDENCE Cost, $40,000
HILLSBOROUGH, San Mateo Co., Cal.
Two-story frame and stucco residence and garage.
Owner—Raymond Welch.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Plans Completed.
RESIDENCE Cost, $30,000
PALO ALTO, Santa Clara Co., Cal.
Two-story and basement frame & stucco residence and separate garage.
Owner—F. A. Wickett.
Architect—Albert Farr and C. R. Ward, 68 Post St., San Francisco.

Plans Completed.
RESIDENCE Cost, $25,000
PETALUMA, Sonoma Co., Cal.
Two-story frame and stucco residence.
Owner—Withheld.
Architect—A. Farr & C. Ward, 68 Post St., San Francisco.

SANTA MONICA, Los Angeles, Co., Calif.—Archt Elmer Grey, Bank of Italy Bldg., has been commissioned to prepare plans for a large fireproof residence to be erected in the mountains north of Santa Monica on a large track of land; owner's name withheld. It will contain 15 bedrooms, 12 baths including 2 Roman plunges, living rm., library, consultation rm., dining rm., breakfast rm., several diet kitchens, main kitchen of a size and equipment to serve 40 to 50 people, ballroom, billiard rm., offices, laundry, gardener's cottage, garage and chauffeurs' quarters, electric lighting plant, refrigerating plant. The constr. will be of reinforced concr., stucco exter., clay tile rfg., hardw. and pine trim., tiled baths, steam htg.

SCHOOLS

Contracts Awarded.
ADDITION Cost, $50,000
SAN FRANCISCO, 14th Ave., between Irving and Judah.
Three-story reinforced concrete convent (St. Anne's Convent).
Owner—Roman Catholic Archbishop of San Francisco.
Architect — Shea & Shea, Chronicle Bldg., San Francisco.
General contract to Fennell & Chisholm, 180 Jessie St., $41,667.
Plumbing & Heating to Scott Co., 243 Minna St., $5796.
Electric wiring to Severin Elec. Co., 398 Jessie St, $1890.

Plans Being Figured—Bids Close July 31, 1923, 7:30 p. m.
SCHOOL BLDGS. Cost, $155,000
EASTON, Fresno Co., Calif.
Brick school buildings.
Owner—Washington Union High School District.
Architects—Coates & Travers, Rowell Bldg., Fresno.
Bonds of $155,000 voted to finance construction. **See call for bids under official proposal section in this issue.**

Figures to Be Taken In About a Month.
SCHOOL BLDG. Cost, $375,000
SANTA ROSA, Sonoma Co., Calif.
Reinforced concrete and brick high school bldgs (Main bldg. auditorium and gymnasium).
Owner—Santa Rosa High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured—Bids Close July 27, 1923, 11 a. m.
SCHOOL Cost, $40,000
SACRAMENTO, Cal., 7th and S Sts. (St. Stephens School)
Two-story class C parochial school.
Owner—Roman Catholic Archbishop.
Architect—Dean & Dean, City Library Bldg., Sacramento.

Plans To Be Prepared.
ALTERATION Cost, $25,000
OAKLAND, Alameda Co., Cal., NW 13th & Brush Sts.
Alter building for school.
Owner—Hebrew Daily School Organization of Oakland, I. Goldman, pres.

Plans Completed.
CONVENT Cost, $60,000
SAN FRANCISCO, Green St., between Steiner and Pierce Sts.
Two-story reinforced concrete parochial school and convent (St. Vincent de Paul Church).
Owner—Roman Catholic Archbishop of San Francisco.
Architect— Shea & Shea, Chronicle Bldg., San Francisco.

SACRAMENTO, Calif.—The Board of Education of the Sacramento City School District opened bids on July 16 for the construction of 4-room brick and concrete addition to the Coloma School. Plans were prepared by Architects Dean & Dean, City Library Bldg., Sacramento.

The contract was awarded to Chas Mabrey, Ochsner Bldg., Sacramento. Following is a complete list of bids:

Chas. Maybrey Co.	$25,744
Fred Betz	25,959
Wm. Murcell	26,196
Campbell Const. Co.	26,215
Geo. Hudson	26,340
Davison & Nicolsen	26,460
Holdener Constr. Co.	27,579
Herndon & Finnigan	27,997

WOODLAND, Yolo Co., Cal.—Until July 31, 2 p. m., bids will be rec. by Chas. T. Williams, clerk, Sacramento River School District, to erect school building. Geo. C. Sellon & Co., architects, Mitau Bldg., Sacramento. **See call for bids under official proposal section in this issue.**

REDWOOD CITY, San Mateo Co., Cal.—Until July 30, 4 p. m., bids will be rec. by Percy E. Davidson, clerk, Las Lomitas School District to erect one-room addition to school. Cert. chk. 10% payable to clerk req. Plans obtainable from clerk at his residence in Santa Cruz Ave., San Mateo.

VISALIA, Tulare Co., Cal.—Until July 27, 7:30 p. m., bids will be rec. by C. T. Pool, clerk, Visalia Union High School District, for the following improvements from plans prepared by Architect Ernest J. Kump Co., 532-5 Rowell Bldg. Fresno:

School Bus Garages, Job 805-E. Contract No. 5.
Biology Lab. Addition, Job 805-F. Contract No. 6.
Double Tennis Courts Job. 805-G. Contract No. 7.
Sidewalks, cement. Job 805-G. Contract No. 8.
Grading and graveling. Job 805-G. Contract No .9.
Painting Administration Bldg. Job 805-H.
Cert. check 10% payable to clerk req. with each bid. Plans obtainable from architects and on file with clerk at Visalia.

MODESTO, Stanislaus Co., Cal.—Until July 28, 7:30 p. m., bids will be rec. by Frank E. Smith, clerk, Keyes School District, to erect new school for which bonds of $24,000 were recently voted. Segregated bids are wanted for (1) general; (2) electric work; (3) plumbing. Wallace H. Huhbert, L. C. Black Bldg., Modesto, architect. **See call for bids under official proposal section in this issue.**

RIVERSIDE, Cal.—G. Stanley Wilson, 646 9th St., Riverside, has been commissioned by board of education to prepare plans and spec. for a new school bldg. at Casa Blanca. It will be of reinf. conc. constr. and will contain 5 rooms and kindergarten. Plans for a 2-room and kindergarten addition to the Palm Ave school have been approved and work will be started at once.

VALLEY HOME, Stanislaus Co., Cal. Until July 30, 7:30 p. m., bids will be rec. by O. J. Weiber, Clerk, Thalheim, School District to construct laboratiry addition to present school. Cert. check 10% req. Further information obtainable from clerk.

MONTEBELLO, Los AngelesCo., Cal. J. F. Atkinson, 1102 Story Bldg., has been awarded the general contract at $54,437 for erecting a grammar school building at Eastmont for Montebello school dist. Jeffery & Schaefer, 1106 Kerckhoff Bldg., L. A., archts. Other contracts were awarded as follows. Heating to Pacific Gas Radiator Co. at $1856; plumbing to F. D. Reed at $4072; wiring to S & H Service Elec. Co., Alhambra at $1162; and painting to Alhambra Wall Paper & Paint Co. at $2390.

PARLIER, Fresno Co., Cal. — Chas. Thollander, Kingsburg, at $3200 low bid to Parlier Union High School District to lath and plaster the entire interior of the auditorium building. Coates and Traver, architects, Rowell Bldg., Fresno. Other bids: D. W. Burney, Fresno, $3400, C. M. Hall, $4010.

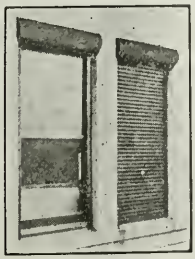
TURLOCK, Stanislaus Co., Cal.—Until July 25, 8 p. m., bids will be rec. by A. G. Crowell, clerk, Turlock Union High School District, for furnishing and installing special furniture in Canal Drive High School. Further information obtainable by address clerk, Rt 2, Box 50, Turlock.

SAN JOSE, Cal.—Bids were received on July 11th by Clark Northrup, Clerk of the Burbank School District, for the construction of an addition to the present school for which $11,000 was voted. Binder & Curtis, Binder Bldg., San Jose, are the architects.

McCombs & Lomax, 52 N-Second St., San Jose	$12,117.00
R. O. Summers, San Jose	13,693.80
Morrison Bros., San Jose	13,175.00
Jorgensn & Thomy, 63 W-Santa Clara St., San Jose	14,350.00
Jorgenson & Clark, San Jose	14,581.00

SANTA CRUZ, Santa Cruz Co., Cal.—Until July 27, 8 p. m., bids will be rec. by B. Rice, Clerk, Scott Valley School District, to erect new school for which bonds of $7500 were recently voted. Cert. check 10% req. with each bid. Further information obtainable from clerk, Box 413A R. D. E, Santa Cruz.

KINNEAR ROLLING · DOORS



Furnished for the closure of all types of door and window openings.

Underwriters Label furnished when desired

Pacific Materials Co.

525 Market Street San Francisco

LOS ANGELES, Cal.—Anton Johnson Co., 704 Union Bank Bldg., was low bidder at $53,500 on the gen. contr. for erecting a new school bldg. at Park Ave. school site, n.w. cor. of Park Ave. and Alger St.; Farrar & Payne, archts. Low Bidders on the other contracts were: G. C. Sutton on plumbing at $4544; J. Hokom on heating at $4090; Arenz-Warren Co. on painting at $1,494; and American Electric Constr. Co. on wiring at $1968.

LOS ANGELES, Cal.—North Pacific Construction Co., 1302 Detwiler Bldg., was low bidder at $71,853 on the gen. contr. for erecting a new school bldg. at Palo Verde school site, n.e. cor. of Palo Verde and Effie Sts.; Pierpont and Walter Davis, archts. Low bidders on the other contracts were: J. Hokom on plumbing at $4873; Parker-Judge Co. on painting at $2994; J. Hokom on heating at $7300; and American Electric Constr. Co. on wiring at $2760.

YUBA CITY, Sutter Co., Cal.—Until July 31, 11 a. m., bids will be rec. by Albert Graves, secy. Sutter Union High School District to construct additions to gymnasium building at high school. Dean and Dean, architects, City Library Bldg., 9th and I Sts., Sacramento. Cert. check 10% payable to secy of dist. req. Plans obtainable from architects or secy. of dist. on deposit of $15, returnable.

LOS ANGELES, Calif.—Wm. Stacko, 805 E. Hill Ave., Eagle Rock, was low bidder on the general contract for erecting a new school bldg. at Toland Way School site. Low bidders on other contracts were: Ora King on plumbing; F. J. Donnelly on heating; R. E. Swan on painting and Graham Electric Co. on wiring.

ANGIOLA, Kings Co., Cal—Until Aug. 1, bids will be rec. by R. Schneider, clk Spa School District to paint school building, 50x30x18 ft., with 2 coats white paint, trimming gray and 2 coats of roof paint. Further information obtainable from clerk.

HANFORD, Kings Co., Cal—Carl Nelson, 216 West Florinda St., Hanford, at $1629 awarded contract by Hanford Grammar School District to erect bungalow school at Southwest school site.

SAN ARDO, Monterey Co., Cal.—Until July 23, 6 p. m., bids will be rec. by Walter Rosenberg, clerk, San Ardo Union School District to remodel portion of school house to house 2 teachers. Plans obtainable from clerk.

PLACERVILLE, El Dorado Co., Cal—Until July 27, 8 p. m. bids will be rec. by Trustees of Placerville High School District for fur. and del. 60 desks, without compartments, to be used in two classrooms and 20 typing chairs. Further information obtainable from clerk at Placerville.

BANKS, STORES & OFFICES

Contractor Taking Sub-Figures.
ALTERATIONS Cost, $—
OAKLAND, Alameda Co., Cal., 15th & Clay Sts.
Extensive alterations to 4 or 5-story fireproof building.
Owner—Corder Building.
Architect — Reed & Corlett, Oakland Bank of Savings Bldg., Oakland
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.

Contract Awarded.
DEPARTMENT STORE Cost, $125,000
SAN FR9ANCISCO, W Mission St. near Twenty-second St., 130 ft. on Mission Street.
Reconstruct three-story and basement frame department store building (concrete walls, tile front, etc.)
Lessees—Wm. R. Davis & Bro., 2533 Mission St., San Francisco.
Owner—Kiel Estate.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., an Francisco.
Contractor — Stockholm & Son, Monadnock Bldg., San Francisco.

Sub-Figures Being Taken On All Parts of the Work.
STORE & OFFICE Cost, $150,000
SAN FRANCISCO, W Sansome St., bet. Pine and California.
Six-story reinforced concrete store and office building.
Owner—T. C. Kierulff, Balboa Bldg., San Francisco.
Architect — Benj. G. McDougall and J. Martyn Haenke, 381 Bush St., San Francisco.
Contractor—Lindgren Co., Monadnock Bldg., San Francisco.

Figures to Be Taken Next Week.
DEPARTMENT STORE Cost. $——
SAN FRANCISCO. W Mission St. near Twenty-second St., 130 ft. on Mission St.
Reconstruct three-story and basement frame department store building (concrete walls, tile front, etc.)
Lessees—Wm. R. Davis & Bro., 2533 Mission St., San Francisco.
Owner—Kiel Estate.
Architect—Frederick W. Quandt, Monadnock Bldg., San Francisco.

Two years now had "Prattco Amber"
Been her Daddy's pride and joy;
Now,—nurse says her nose is broken,
Angel Babe,—without alloy,
"Goldflecks" born this year at
Prattrock,
And Pratt's youngest is—a Boy.
A Whim.

Pratt Building Material Co.,
San Francisco.

Yours of June 4th received, asking for a good commercial name for our product from old gold dredgers. I wish to submit the following five names for your consideration:

"Gold-Crush"
"Goldflecks"
"Dross o'Gold"
"Gravock"
"Prattrock Goldregs"

Workers of crushed rock and concrete,
With new "Prattrock" get in touch;
Order "Gold-Crush" for mixing,—
Either small amounts or much,
Waste no time to hunt a better,
For you'll find—"There ain't no such."

To build a house of gladness
That never will grow old,
Just mix with whitest cement
Pratt's purest "Dross o'Gold."

"I thank you,"
EVALINE GIBBS,
1305 8th St., Eureka, Calif.

Clarence F. Pratt, President,
Pratt Bldg. Material Co.,
San Francisco, Calif.
Dear Sir:

If I may be permitted to do so, I would like to make a slight amendment to one of the answers I sent in as follows

"Perfect Rock All The Time From Reliable, Old Hard Tough California Kobbles"
"Pratt's Perfect Rock All The Time From Reliable, Old Hard Tough California Kobbles"
"Proper Rock All The Time From Reliable, Old Hard California Kobbles"
"Pretty Rock All The Time, Reliable O Kay California Kobbles"

I would also like to add the name **"Tuffrock-Properock."**

Yours very truly,
R. P. DOAN,
710 13th St., Sacramento, Calif.

HERE ARE more letters.
* * *
IN SANDY Pratt's famous contest.
* * *
159 ANSWERS are now in.
* * *
AND CLARENCE Sand Pratt, President.
* * *
OF THE Pratt Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
AND PRODUCER.
* * *
OF CLEAN, sharp sand.
* * *
IS GRATEFUL.
* * *
FOR ALL the attention.
* * *
THE READERS of the "Builder."
* * *
ARE SHOWING Sandy's contest.
* * *
AND SANDY is glad.
* * *
TO HAVE.
* * *
ALL THESE answers.
* * *
"I THANK you."

B. A. Dresser, of Cane Lane, who thinks he won the $250.00 (five prizes) in Sandy Pratt's famous contest for a commercial name for his new crushed rock and gravel from Prattrock, near Folsom.

OVER 1,000,000 SATISFIED OWNERS

THE BOOK OF KNOWLEDGE Helps Us

WHY?

IF THERE'S A THING YOUR CHILDREN WANT TO KNOW,
THE BOOK OF KNOWLEDGE
KNOWS IT;
IF THERE'S A PLACE THEY WANT TO GO,
THE BOOK OF KNOWLEDGE
SHOWS IT;
IF THERE'S A THING THEY'D MAKE OR DO,
THEY'LL FIND IT IN THE PAGES;
THE BOOK OF KNOWLEDGE
GIVES THEM
ALL THE WISDOM OF THE AGES.

One of the greatest educators of the age says:

"Let a child of ten read THE BOOK OF KNOWLEDGE 15 minutes a day for 3 years and he will know more than the wisest men knew a few generations ago."

The Book of Knowledge

The Children's Encyclopedia

10,000 Educational Pictures In Five Languages 350 Colored Plates

WHY YOU SHOULD OWN IT

Because it is the Greatest educational work for children ever published.

Because it is the most Interesting educational work in existence.

Because it contains that part of the accumulated wisdom of the world, important for a child to know, told in words he can understand and in a manner that will fascinate him.

Because it answers every question a child can ask, in simple language.

Because its editors and contributors have made what a child Wants to Know and what a child Ought to Know identical.

Because a saving of a few cents a day for a limited period will purchase it.

Because boys and girls read it eagerly, and its pages and pictures are so intensely interesting that while being delightfully entertained the children are unconsciously absorbing the most valuable information.

Because it has received unstinted praise from people who Know—educators, teachers, clergymen, professional and business men and women—and many thousands of "just average fathers and mothers."

Because the children themselves are unanimous in their liking for it and an educational work which pleases the children while Instructing them is the ideal of every teacher and parent.

FREE

THE FREE SAMPLE BOOK contains many pages and pictures from the following interesting subjects: The Sun and His Family; How We Dig Up Sunshine; The World's Bread and Butter; How Men May Make Stone; The Marvel of Hearing; What Makes a Bee Hum; Animals That Work for Nature; The United Nation; Republics of South America, Etc.

Mail this FREE COUPON NOW

THE GROLIER SOCIETY,
Western Branch,
278 Post St., San Francisco, Calif.

Please mail free descriptive book containing specimen pages and illustrations from THE BOOK OF KNOWLEDGE, and explaining the use and meaning of the work.

Name .....

Address .....

BNE 7-21-23

Contract Awarded.
STORES Cost, $25,000
FRESNO, Fresno Co., Cal., SW Stanislaus and O Sts. 150 x 60.
One-story concrete store bldg (8 stores)
Owner—Frank W. Purkett.
Architect—H. Rafael Lake, Fresno.
Contractor—Trewhitt & Shields, Rowell Bldg., Fresno.

Contract Awarded.
STORES, ETC. Cost, $20,000
OAKLAND, Alameda Co., Cal. NE Thirty-fifth Ave. and E-14th St.
Two-story brick and concrete stores and offices.
Owner—A. Wolf, 4010 Agua Vista Ave., Oakland.
Architect—None.
Contractor—J. B. Peterson, 2053 38th Ave., Oakland.

Plans Being Prepared.
OFFICE BUILDING. Cost, $150,000
BERKELEY, University Ave., near Shattuck.
Six-story and basement class "A" store and office bldg. for doctors and dentists.; 2 stores and 60 offices
Owner—Fred Koerber and Henry Bischoff, Berkeley.
Architect—Name withheld.
Bids will be taken by R. W. Thomas of the Berkeley Building Co., Solano and Colusa Sts., Berkeley, who will have charge of construction.
Plans will not be completed for about ten days.

Contracts Awarded.
OFFICE BLDG. Cost, $50,000
SAN FRANCISCO, E. Powell St, 92½ N. Sutter (45 ft. frontage).
Three-story class C office building.
Owner—Proctor & Chamberlain, Mills Bldg., San Francisco.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
A portion of the building has been leased to Architect H. H. Gutterson and Ray Coyle, interior decorator.
Carpentry work and concrete forms awarded to Barrett & Hilp, 918 Harrison St.....$26839
Grading, Sibley Grading Company.
Plumbing, Alexander Coleman.
Glass and Glazing, Habenicht & Howlett
Steel Sash, Michel & Pfeffer Iron Wks.
Structural Steel, Schrader Iron Works.
Reinforcing Steel, Gunn-Carle Co.
Lumber, Loop Lumber Company.
Electrical Work, M. E. Ryan.
Heating, Scott Company.
Marble, Schoenfeld Marble Company.

Contract Awarded.
STORE BLDG. Cost, $15,000
OAKLAND, S E-12th St. 80 W 5th Ave.
One-story tile store building.
Owner—R. J. Burks, 254 Bacon Bldg., Oakland.
Contractor—Marshall & Burks, 254 Bacon Bldg., Oakland.

Figures Being Taken From a Selected List of Contractors.
STORE & LOFT Cost, $140,000
OAKLAND, NW 11th and Clay Sts.
Two-story and basement reinforced concrete brick, cast cement and terra cotta store and loft bldg.
Owner—John Havens.
Architect—Jas W. Plachek, 2014 Shattuck Ave., Berkeley.

Permit Applied For.
OFFICE AND STORE.
Cost $400,000 to $650,000
OAKLAND, Alameda Co, Calif., NE 14th and Franklin.
Sevn or 12-story basement and mezfloor class A steel frame and reinforced concrete office and store bldg., pressed brick and terra cotta facing.
Owner—Actico Building Co., Oakland. (Alameda County Title Insurance Co.)
Architect—Chas. W. McCall & Chas. T. Davis, Central Bank Bldg., Oakland.
Engineering—T. Ronnebrg. Crocker Bldg., San Francisco.
Mechanical Engineer—Geo. Atkins, Hobart Bldg., San Francisco.
Manager of Constr.—Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
The steel contract awarded to the California Steel Co.

Plans Being Prepared—Cont. Awarded.
STORE BLDG. $150,000
SACRAMENTO, 9th and K Sts.
Three-story reinforced concrete store bldg. additions.
Owner—Hale Bros., premises.
Contraotor—Wm. A. Thellbahr, 12th St. Road, Sacramento.

Plans Being Refigured.
ADDITION. Cost, $25,000
VALLEJO, Solano Co., Calif., N. Virginia, bet. Sonoma and Man Sts.
Two-story brick addition to present 1-story in rear for Postoffice.
Owner—Mary E. Muller.
Architect—W. A. Jones, Vallejo.

Contract Awarded.
STORES Cost, $13,879
OAKLAND, N 17th St. 75 E Jefferson.
One-story brick stores.
Owner—M. & L. Centini, 603 Brush St., Oakland .
Contractor—W. J. David, 1429 Broadway, Oakland.

Low Bidder.
BANK BUILDING Cost, $75,000
NAPA, Napa Co., Calif.
One-story reinforced concrete bank building, 60x75 (stone or terra cotta facing).
Owner—Bank of Napa.
Architect—H. H. Winner Co., Sharon Bldg., San Francisco.
Low Bidder — Teicheira Lumber Co., Santa Clara and Maine Sts., Vallejo.

Plans Being Figured.
STORE. Cost, $18,000
RICHMOND, Contra Costa Co., Calif., NW. 6th and Macdonald Ave.
One-story hollow-tile store bldg., 50x108 (4 stores).
Owner—Herman & Martha Bucking.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Bids are being taken for a gneral contract with separate bids for the plumbing and plastering.

Work Started.
REMODEL BANK. Cost, $—
MARTINEZ, Contra Costa Co., Calif.
Remodel Bank.
Owner—American Bank.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor—Lawton & Vezey, 357 12th St, Oakland.

Plans Being Prepared.
BRANCH BANK. Cost, $50,000
OAKLAND, Alameda Co., Calif., 40th St. and Piedmont Ave.
One-story and basement reinforced concrete branch bank.
Owner—American Bank.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.

SANTA CLARA, Santa Clara Co., Cal.—See "Apartments," this issue.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

LONG BEACH, Cal.—The Bank of Italy has purchased the 99-year lease on the site at the northwest corner of American Ave. and Third St., Long Beach, and will erect a 12-story Class A bank and office building. The plans prepared by Walker & Eisen, architects, 325 Pacific Finance Bldg., for the Oil Exchange Building, which was to have been erected on the site, will probably be used by the Bank of Italy, the first floor being revised for bank purposes. Lange & Bergstrom, Washington Bldg., Los Angeles, will be the contractors.

SANTA ANA, Orange Co., Cal.—Archt. H. Newman Thornton, Hill Bldg., is preparing plans for a 4-story and basement, fireproof office bldg. to be erected at the s.e. cor. West 4th St. and Broadway, for Walter L. Moore. The bldg. will be 100x42 ft. and will contain stores on the ground floor with offices above. The lobby of the bldg. will have marquise. Est. cost $80,000. Bids will be called for within 2 weeks.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 352 Pac. Finance Bldg., are preparing plans for a 14-story and basement class A office and loft bldg. to be erected at s.w. cor. of 7th and Los Angeles Sts., for F. W. Johnson and assoc. One or more of the upper stories will be occupied by the Transportation Club. The bldg. will be 90x110 ft., reinf. conc. constr., press. brick and terra cotta exter., marble and tile work; cost $750,000.

OAKLAND.—A. J. Hillam, 351 12th St., Oakland, has been awarded a contract at $36,000 by Architect Edw. T. Foulkes, Crocker Bldg., S. F., for the plastering on the 19th St. class A office building on 13th and Franklin Sts., Oakland, owned by the Tribune Publishing Co.

SANTA ANA—Archts. M. Eugene Durfee, 5 Cassou Bldg., Anaheim, is preparing wkg. plans and spec. for a 10-story office and store bldg. to be erected at n. e. cor. E. 14th and Bush Sts., for E. J. Koener, Los Angeles, lessee; W. F. Lutz, is pres. of the Huttenlocker Co., owner. Mellon & Stewart Constr. Co. will be awarded contr. for the work. Bldg. will be 75x100 ft., 10-story and basemnt; 3 stores on ground flr. with 17 offices on each floor above. Reinf. concr. constr., terra cotta and grey tippled brick exter. facing, marble, plate glass and copper store fronts. 3 high speed passenger elevators. Cost about $600,000.

LOS ANGELES, Calif.—Class A store and loft building. Archt. W. Douglass Lee, 400 Sun Drug Bldg., has completed plans and is taking bids on gen. contr. with steel sash, ornam. iron, sprinkler sys., painting, elec. wiring, roofing and heating separate, for a class A store and loft bldg., to be erected at Winston and San Pedro Sts., for the Revolving Fund Corp. Reinf. concr. constr., 6-sto. and part basement, 97x160 ft., press brick facing, art store trim., comp. rfg., steel sash, plate glass, gas steam htg., 3 elec. elevators, maple and cem. flrs., metal skylights, copper store fronts; the first flr. will contain 8 stores.

THEATRES

Contract Awarded.
THEATRE Cost $—
WOODLAND, Yolo Co., Cal., Lot North of opera house.
Moving picture airdrome 38x110.
Owner—Dr. T. H. Dixon, Knights Landing.
Contractor—John M. Hocker, Woodland

HOLLYWOOD, Los Angeles Co., Cal.—Sid Grauman has announced that he will dispose of his interest in the 3rd and Broadway, Rialto and Metropolitan Theatres to the Paramount Pictures Corporation. Mr. Grauman plans the erection of two class A theatres at Hollywood. The Paramount Corporation plans to erect additional stories to the Metropolitan Building, at 6th and Hill Streets.

WHARVES AND DOCKS

Plans Being Figured—Bids Close July 26, 1923 2 p. m.
EXTENSION Cost, $55,000
SAN FRANCISCO, Islais Creek.
Extension to wharf, 48x500, wooden deck and creosoted piles.
Owner—State Board of Harbor Commissioners.
Engineer — Frank C. White, Ferry Bldg., San Francisco.
Plans may be obtained from the engineer's office.

SACRAMENTO, Cal. — Engineering Corps of U. S. War Department approves plans for Sacramento city wharves for which bonds of $200,000 were voted. Bids will be asked for construction shortly. Albert Givan is city engineer.

SAN DIEGO, Calif.—Doran & Boyd, San Diego, submitted low bid to purchasing agent W. H. Cameron, at $292,-700 for contract B on Municipal Pier No. 2, comprising coner, apron wharf for mole type pier. Other bids were: Hannah Bros., San Francisco, $295,800; Ross Constr. Co., San Diego, $298,700; Fred W. Steffgen, San Diego, $299,996; Healy-Tibbetts Constr. Co., San Diego, $302,473; Clinton Constr. Co., San Francisco, $309,240; San Francisco Bridge Co., San Francisco, $317,600; W. E. Kier Constr. Co., San Diego, $340,000.

LOS ANGELES, Calif.—Application has been made by Joseph McAfee for permission to const. to U. S Engineer's office a platform, 12-ft.x22-ft., bayward of ordinary high water line, and adjacent to the Municipal Pier at Avalon, Catalina Island.

SANTA CRUZ, Santa Cruz Co., Cal.—Steen & Ley, Santa Cruz, at $3,117.75 awarded cont. by city council for fur. r. w. and pine lumber for repairs at the Municipal Wharf. Wood Brothers Co., bid $3,673.

SAN DIEGO, Cal.—Dorn & Boyd, San Diego, awarded contract by council to const. reinf. conc. wharf around mole type pier (already completed), at $292,-700.

MISCELLANEOUS BUILDING CONSTRUCTION

CALIFORNIA—State Fish and Game Commission will construct new fish hatcheries at Sulphur Creek, near Clio, in Plumas county, and another on the Kaweah River in Tulare county. Cost of each approx. $15,000.

Foundation Permit Applied For.
PUBLISHING PLANT Cost, $—
SAN FRANCISCO, Mission, 5th, Minna and Mary Sts.
Three-story and basement reinforced concrete publishing plant bldg.
Owner — Chronicle Publishing Co., Chronicle Building, San Francisco.
Architects—Weeks & Day, 315 Montgomery St., San Francisco.
Engineer—Leland & Haley.
The contract for the concrete foundation has been awarded to K. E. Parker Co., Clunie Bldg., $19,600.

Contract Awarded.
BUILDING Cost, $26,000
SACRAMENTO, Cal. No. 1628 J St.
Two-story brick building
Owner—John Kost Jr., 1400 38th St., Sacramento.
Architect—None.
Contractor—Edw. W. Book, 2912 G St., Sacramento.

WATSONVILLE, Santa Cruz Co., Cal.—R. E. Thompson, president of the Poultry Breeders' Assn., of Burbank, Calif., announces construction will be started shortly in Watsonville on a hatchery with a capacity of 100,000 eggs.

SAN FRANCISCO—Board of Public Works requests supervisors to adopt ordinance authorizing cleaning and painting of bridges at the following locations: 3rd and Islais Creek; 3rd and Channel; 4th and Channel and 6th and Channel. Total est. cost $20,000.

LOS ANGELES, CAL.—E. N. Klarquist, 1607 Las Palmas Ave., has completed plans and has the contract to erect a 2-story cafe building, at corner Hollywood Boulevard and Las Palmas Avenue, for the Paulais Co., Saul Magis president. Two-story, 60x138 ft., brick walls, basement, terra cotta and art stone facing, htg. and vtg. system, hardwood and O. P trim, kitchen, dining room to seat 450 people. Building designed to carry several additional stories.

OAKLAND, Cal.—Until July 19, 12 M, bids will be rec. by Eugene K. Sturgis, city clerk, for fur. and install. steel doors. Specifications obtainable from city clerk on deposit of $15. Bond of 25% of contract price required of successful bidder. Further information obtainable from clerk.

OAKLAND, Calif.—The Council of the City of Oakland will receive sealed bids on July 26, 1923, between the hours of 11 o'clock a. m. and 12 o'clock m., for furnishing steel sash. Blank forms of proposals will be furnished by the City Clerk on application. Eugen K Sturgis, City Clerk.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants Exchange Bldg.:

D-658 — Pittsburgh, Pa. Boiler and furnace company desires live agent to cover heating trade, architects and engineers.

D-659 — New Orleans, La. Concern wishes to get in touch with established manufacturer's agent or broker to handle Squeez-Ezy mops as side-line.

D-662—Scotia, Calif. Party wants to buy self-adjusting wrenches.

D-663 — Sultan, Wash. Party has quantity of kiln dried alder for sale.

D-664 — Portland, Ore. Established manufacturer's agent desires substantial staple accounts of California manufactured products for distribution in northwestern territory.

D-665—San Francisco. Party desires to purchase machine for extracting oils from nuts and fruit pits.

D-667—Wolf Point, Mont. Mercantile company desires to secure catalog of wholesale prices on household furniture.

..**D-668—Marshalltown, Iowa.** Auto accessory firm desires connection with local warehouse who would hold his stock and make shipments as directed.

D-670 — Pontiac, Mich. Inventor of progressive spring suspension wishes to interest investors, or will accept salaried position with firm interested in manufacturing this device.

..**7227—El Salvador.** Communication is desired with firms in a position to supply fixtures, furniture, equipment, etc. for postoffice.

7233—Rio de Janeiro, Brazil. Established firm desires representation in following lines: cotton sail-cloth; lubricating oils and greases; fine cotton textiles; kerosene; pitch; copper and iron plates and sheets; covered and plain copper wire for electrical uses; plain and fancy celluloid hair pins & combs plain iron wire; barbed steel wire; iron shovels; axes; heavy and fine tools; vaseline; fresh California apples and dried California prunes.

7237 — Hermosillo, Mexico. Firm desires exclusive representation for manufacturers of paints and varnishes.

7238—Calcutta, India. Connections desired with a local importer of gum shellac and by-products. Calcutta standard, Calcutta fine and Calcutta super fine.

7248—Brussels, Belgium. Firm desires an importing connection in San Francisco for their high grade cement.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Official Proposals

NOTICE TO CONTRACTORS

(Washington Union High School District)

Pursuant to an order of the Board of Trustees of the Washington Union High School District, duly passed and entered in its minutes of July 2, 1923, notice is hereby given that said Board will receive sealed proposals for the following branches of work:

1. Carpentry.
2. Brick work.
3. Mill work and glazing.
4. Plastering, lathing and modeling.
5. Sheet metal and toilet partitions.
6. Painting.
7. Tile and Patent Roofing.
8. Electric wiring.
9. Plumbing and Heating work.
10. Finished Hardware.
11. Program clocks and Telephones.
12. Pumping plant.

Plans and specifications are on file with the Clerk of the Board. Copies may be obtained at the office of Coates and Traver, Architects, Rowell Building, Fresno, California.

All bids must be in the hands of John Poytress, Clerk of the Board on or before **7:30 p. m., July 31st, 1923** at the High School Building at Easton, California.

Bidders may figure on any one segregation of the work or any combined groups of segregations.

All bids must be sealed and name of bidder and branches of work bid on must be marked on the outside of the envelope.

A certified check or bidders bond in an amount equal to 10 per cent of the total amount of the bid submitted, must accompany each proposal.

Board of Trustees,
WASHINGTON UNION HIGH SCHOOL DISTRICT,
John Poytress, Clerk.

NOTICE INVITING BIDS FOR CONSTRUCTING SUSANVILLE TOWN HALL-FIRE HOUE

Notice is hereby given that the Town of Susanville will receive sealed bids for the construction of its own town hall-fire house. Said bids must be marked "Bids on New Town Hall," and addressed to the Town Clerk of Susanville, Cal.

Bids will be received **until July 30, 1923, at 8 P. M.**, at which hour all bids will be opened, in the Town Council's Chamber. Each bid must be accompanied by a certified check in the amount of ten per cent of the amount bid, as a guarantee that the bidder will sign the contract, on the bid given, within five days after the date of opening the bids.

Plans and specifications may be secured by prospective bidders by depositing ten dollars with the Town Clerk of Susanville or with F. J. DeLongchamps, Reno, Nevada, which amount will be refunded upon the return of the plans and specifications complete.

The Town reserves the right to reject any or all bids.

M. J. TILLEY, Town Clerk.

NOTICE TO CONTRACTORS

(City of San Bruno)

Notice is hedeby given that sealed bids or proposals will be received by the Board of Trustees of the City of San Bruno **at 8:00 P. M., July 25, 1923,** at the City Hall, San Bruno, California, for the furnishing and delivering of cast iron water pipe, galvanized wrought steel pipe, fittings, valves, and hydrants, for the San Bruno Water Works.

Specifications adopted for the above work are on file in the office of the City Clerk of the City of San Bruno.

All bids or proposals shall be in conformity with the proposal sheet which may be obtained at the City Clerk's office in San Bruno, or from the City Engineer, George A. Kneese, Redwood City Court House.

Successful bidders will be required to give a bond in the sum of twenty-five (25) per cent of his contract price, conditional for the faithful performance of his contract within the time limited.

Bids must be accompanied by a certified check or bidders' bond in the amount of ten (10) per cent of the proposal and shall be made payable to the City Clerk of the City of San Bruno.

The Board of Trustees of the City of San Bruno reserves the right to reject any and all bids.

By order of the Board of Trustees of the City of San Bruno.

By NETTIE A. WILLITS,
City Clerk.

> A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rates** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on August 13,** at which time they will be publicly opened and read (1) for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Sonoma County, between Beltane and Schellville (IV-Son-51-B), about eleven and five-tenths (11.5) miles in length, to be graded and surfaced with gravel.

San Mateo County, between San Bruno and San Mateo (IV-SM-2-A), about three and four-tenths (3.4) miles in length, to be paved with Portland cement concrete shoulders and an asphalt concrete wearing surface.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated July 16, 1923

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Zion National Park Road)

DEPARTMENT of the Interior, National Park Service, Washington, D. C., July 6, 1923. Bids will be opened by George E. Goodwin, Chief Civil Engineer, National Park Service, in the office of the superintendent of Zion National Park (post office address Springdale, Utah), at 2 o'clock p. m. August 14, 1923, for the construction and reconstruction of about 7½ miles of road in Zion National Park, Utah. Instructions to bidders, proposal blank forms, specifications and drawings for the work can be obtained from Mr. Goodwin's office, 811 Couch Building, Portland, Oregon, upon personal or written application and the deposit of $5, which sum will be refunded upon return of the specifications in good condition not later than 10 days after the opening of the bids. (Deposits shall be in the form of certified or cashiers' checks made payable to George E. Goodwin.) Specifications and drawings can also be seen at the National Park Service, Washington, D. C., at the office of the Superintendent of Zion National Park, at the office of the County Commissioners at St. George, Utah at the office of the U. S. Forest Service at Cedar City, Utah, at the Chambers of Commerce at Ogden, Salt Lake City, and Provo, Utah; Los Angeles and San Francisco, California, and at Denver, Colorado.

ARNO B. CAMMERER,
Acting Director National Park Service.

BIDS WANTED FOR CONCRETE STORAGE BINS

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for Storage Bins and Trestle, Pearl Harbor, Hawaii, Specification No. 4772," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., September 12, 1923, and then and there publicly opened, for twelve storage bins and a trestle at the Naval Operating Base, Pearl Harbor, T. H. The storage bins will be of reinforced concrete construction, with reinforced concrete columns supported by footings of plain concrete. The trestle will be of structural steel supported by concrete foundations. Drawings and Specification No 4772 may be obtained on application to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, May 31, 1923.

NOTICE TO CONTRACTORS

(Exchequer Dam, Merced Irrigation District)

Notice is hereby given that sealed proposals for the construction of the Exchequer dam across the Merced river at Excequer, Mariposa County, California, together with appurtenant works, will be received by the Board of Directors of Merced Irrigation District at its office in the Barcroft Building, in the City of Merced, State of California, at any time **up to 2 o'clock P. M. of Friday, August 3, 1923,** at which time and place all bids so received will be opened in public by said board. Thereafter said board will let said work to the lowest responsible bidder, but said board reserves the right to reject any or all bids and re-advertise for proposals or proceed to construct the work under their own superintendence.

The work for the doing which proposals are hereby invited is the construction of said dam and appurtenant works, in accordance with the specifications and drawings therefor, requiring about 60,000 cubic yards of excavation, largely in rock, the placing of approximately 300,000 cubic yards of concrete and about 100 tons of metal work, together with other related features, as set forth in said specifications and drawings, which may be seen at said office of said Board in said City of Merced, or at the office of Thebo, Starr & Anderton, Sharon Building, San Francisco, California. Copies of said specifications and drawings may be obtained at the office of said board upon deposit of $15.00 for each copy, said deposit to be returned to the successful bidder and to any others upon the return of the specifications and drawings in serviceable condition.

Any bidder to whom a contract for said work may be awarded must furnish bonds as provided by law, to-wit: a bond in the sum of at least one-half of the contract price to secure the payment of claims of material, mechanics and laborers employed upon said work, and a bond in the sum of at least 25 per cent of the contract price, conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's or certified check, payable to Merced Irrigation District, for an amount equal to not less than 5 per cent of the total amount of the bid as a guaranty that if the bid is accepted, the bidder will, within ten days after its acceptance, enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit, it will be assumed (without so guaranteeing) that the quantities will be as estimated in the specifications.

All proposals must be on forms which will be furnished by the district at the office of said board and must be in sealed envelopes, addressed to the Board of Directors of Merced Irrigation District, and marked to indicate that each is a proposal for the construction of said dam.

Dated at Merced, California, July 13, 1923.

By order of said Board of Directors.

A. L. COWELL,
Secretary

NOTICE TO CONTRACTORS

(Keyes School District)

NOTICE IS HEREBY GIVEN that sealed bids will be received and opened by the Board of Trustees of the Keyes School District, Stanislaus County, State of California, between the hours of of **7:30 and 8:00 p. m., the 28th day of July, 1923,** in the office of the Board, Keyes Grammar School, in the Keyes School District, County of Stanislaus, State of California, for the construction of the Schoolhouse Building to be built on the property of the School District, County of Stanislaus, State of California, in accordance with plans and specifications made for the same by Wallace H. Hubbert, the authorized architect employed by the Board.

Segregated bids will be received on the work as follows:

1. General Contract.
2. Electrical Work.
3. Plumbing.

Plans and specifications may be obtained at the office of the Architect, Wallace H. Hubbert, L. C. Black Building, Modesto, California, or may be seen at the office of Frank E. Smith in the Keyes School District, County of Stanislaus, State of California.

All bids shall be presented on bid forms furnished by the Architect. Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than Five Per Cent (5%) of the amount of the bid made payable to Frank E. Smith, Clerk of the Board of Trustees of the Keyes School District, for the purposes stated in the specifications.

Each bid must be enclosed in a sealed envelope addressed to Frank E. Smith, Clerk of the Board of Trustees of the Keyes School District, and endorsed, "PROPOSAL FOR (name segregation) FOR KEYES SCHOOL BUILDING."

The Board reserves the right to reject any and all bids. The Board reserves the right to waive any or all irregularity in the bids submitted.

Bids must be delivered to the undersigned Clerk of the Board at Keyes at the time and place above stated or any time up to the hour of opening of said bids.

FRANK E. SMITH,
Clerk of the Board of Trustees of the Keyes School District, County of Stanislaus, State of California.

BIDS WANTED FOR GRADING

NOTICE TO CONTRACTORS

Sutter County Highway System

Sealed proposals will be received at the office of the Clerk of the Board of Supervisors, Hall of Records, Southwest corner Second and B streets, Yuba City, California, **until 10 o'clock A. M. on Tuesday, August 7, 1923,** at which time they will be publicly opened and read, for the following work:

For grading connecting road between Tahoe-Ukiah State Highway and Long Bridge-Tarke Road in Road District No. 3, approximately ¼ of a mile long.

Plans and specifications for the above work may be obtained from Oscar W. Lanzendorf, County Road Commissioner, Court House, Yuba City, California. A deposit of $10.00 will be required on each set.

The Board of Supervisors reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the county.

BOARD OF SUPERVISORS OF SUTTER COUNTY.
By F. H. GRAVES, Chairman.

Attest:
ALBERT B. BROWN, Clerk.
Dated: July 9, 1923.

Engineer's Estimate, Item 1, excavation, 2800 cubic yards

NOTICE TO CONTRACTORS

(Sacramento River School District)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Sacramento River School District, Yolo County, California, at the office of Geo C. Sellon & Company, 203 Mitau Building, Sacramento, Cal., **until 2 o'clock P. M., Tuesday, July 31, 1923,** for the erection of a school building to be built in Yolo County, California, according to plans and specifications prepared for the same by George C. Sellon & Company, the authorized architects.

Bids will be received for the various branches of the work as follows: For the concrete work, mason work and carpenter work combined; for the concrete work and mason work; for the concrete work; for the mason work; for the carpenter work; for the painting; for the roofing; for the plumbing; for the sheet metal work.

Plans and specifications can be seen at or obtained from the office of the Architects, 203 Mitau Building, Sacramento, California, or from Charles T. Williams, Clerk, P. O. Box 88, Sacramento, Cal. A cash deposit of $10.00 will be required from all prospective bidders on all copies of plans and specifications loaned out, as a guarantee of the same being returned.

All bids shall be received with alternate propositions, and shall be presented on blank forms which may be procured at the office of the Architects. Each bid must be accompanied by a certified check on some responsible California bank for a sum of not less than ten per centum (10%) of the amount of the bid, made payable to Charles T. Williams, Clerk of the Board of Trustees, as a guarantee of good faith that the party to whom the contract may be awarded will, within ten days after the award is made, enter into the necessary agreement and furnish the necessary bonds for faithful performance of said work, and in case the bidder to whom the contract is awarded fails or refuses to enter into said agreement, or to furnish said bonds said check will be forfeited to the said School District in the manner provided by law. Each bid must be enclosed in a sealed envelope and addressed to Charles T. Williams, Clerk of the Board of Trustees of Sacramento River School District, and endorsed "Proposal for building school."

The Board of Trustees expressly reserves the right to reject any or all bids.

By order of the Board of Trustees of Sacramento River District, Yolo County, California.

CHARLES T. WILLIAMS,
Clerk.

JOHN H. BRYAN,
M. M. TEIXEIRA,
Trustees.

NOTICE TO CONTRACTORS

Murphy Big-Trees National Forest Highway

Sealed proposals for constructing the above named National Forest Highway located partly within the Stanislaus National Forest, County of Calaveras, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture at 400 Bay Building, No. 9 Main Street, San Francisco, California, **until 2 o'clock P. M., on the 31st day of July, 1923,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The project to be constructed is located about 55 miles northeast of Stockton, California. The length of the project is approximately 15.5 miles. Bids will be received on both 14 foot and 18 foot roadways, National Forest Highway Standards.

The principal items of work are as follows:

Items	14' Roadway
Clearing	The whole project
Excavation	105,000 Cu. Yds.
Class "A" Concrete	330 Cu. Yds.
Class "C" Concrete	340 Cu. Yds.
Reinforcing Steel	34,100 Lbs.
Corrugated Metal Pipe	5,040 Lin. Ft.
Ditch Paving	570 Sq. Yds.
Crushed Rock Surfacing	19,700 Cu. Yds.

Items	18' Roadway
Clearing	The whole project
Excavation	157,000 Cu. Yds.
Class "A" Concrete	360 Cu. Yds.
Class "C" Concrete	340 Cu. Yds.
Reinforcing Steel	37,300 Lbs.
Corrugated Metal Pipe	5,400 Lin. Ft.
Ditch Paving	570 Sq. Yds.
Crushed Rock Surfacing	26,300 Cu. Yds.

Construction shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer and shall be completed within 300 days for the 14 ft. roadway and 325 days for the 18 ft. roadway after said notice to start construction has been given, Sundays and legal holidays excepted.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

400 Bay Building, 9 Main Street, San Francisco, California.

A. J. Glanelli, Murphy, California.

The Bureau of Public Roads will furnish corrugated metal culvert pipe f. o. b. cars Angels Camp, California. The Bureau also has available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the government equipment that he will use during construction and minimum time required. The estimated rentals will be taken into consideration and award

(Continued on Page 26)

"Save the surface and you save all"—Paint & Varnish

Floorseal

a Preservative Floor Dressing

A new material for sealing, preserving and finishing magnesite, concrete, wood and linoleum floors at a low cost per square foot.

FLOORSEAL has been developed by our research department for cement floors, offices, school rooms and general industrial use.

This new product penetrates deeply and seals the pores of flooring materials making them water and oil proof. It dries to an eggshell gloss finish that resists wear, is easy to clean and looks extremely well. Because it contains no wax, creosote or non-drying oil it does not collect dust. FLOORSEAL prevents powdering of composition on cement floors and splintering of wooden floors.

FLOORSEAL can be put on with a rag, mop or brush. Because no skill is necessary to apply it, a janitor or night watchman can do the work—and the material figures lower per square foot covered than any other material intended for a like purpose.

FLOORSEAL dries in ten hours. It can be applied at night and walked on the next morning. A light coat can be walked on almost immediately. For this reason it is especially adapted for application to floors that are in constant use.

A generous sample will be furnished Free of charge upon request. Write on your letterhead to Dept. B. I.

FULLER
PAINTS Since 49 **VARNISHES**

301 Mission Street, San Francisco, California

Engineering News Section

BRIDGES

LOS ANGELES, Calif.—Bids will be called for shortly by Board of Public Works for repairs to the Ave. 26 bridge across the Arroyo Seco. Plans and spec on file at office of City Engr. John A. Griffin, 405 N. City Hall Annex.

WOODLAND, Yolo Co., Cal.—J. L. Webster, Sequoia and Alganum Sts., Chico, at $41,230 awarded cont. by supervisors of Solano and Yolo counties to const. rein. conc. bridge over Putah Creek between Davis and Winters.

VENTURA, Cal.—Until 11 a. m., Aug. 8, bids will be rec. by supervisors of Ventura County to const. rein. conc. pipe trestle bridge over Callegues creek on the coast state highway near Point Mugu; will consist of seven 30-ft. spans with reinf. conc. girders and deck on reinf. conc. pile bents; iron pipe railing. Chas. Petit, county surveyor.

REDDING, Shasta Co., Cal.—Chas. F. Stable submits only bid to supervisors to make fills for new Pit River bridge at Fall River Mills. Was rejected as being too high New bids will be asked at once. C. R. Wiegel, County Surv.

YREKA, Siskiyou Co., Cal.—Until Aug. 6, 10 a. m., bids will be rec. by W. J. Neilson, county clerk, to construct curve chord riveted Warren sixty foot steel span bridge on steel Scott River Road Dist. Cert. check 10% req. with each bid. Albert F. Parrott county surv.

TEHAMA COUNTY, Calif.—Agreements have been made by the Tehama Highway Commission whereby the latter body agrees to construct six bridges required to complete the east side highway between Red Bluff and Los Molinas in Tehama County and the former to pay 25% of the cost of constructing the Cottonwood bridge, the cost of which is placed at $85,000. W. F. Luning is county surveyor of Tehama county and R. M. Morton, state highway eng.

VISALIA, Tulare Co., Cal. — Until Aug. 7, 2 p. m., bids will be rec. by Gladys Stewart, county clerk, to const. rein. conc. bridge No. 67 over Kaweah river, involv. 301.55 cu. yds. Class "A" and 90.04 cu. yds. class B conc.; 600 cu. yds. excavation in roadway. Material will be furnished by county f. o. b. Lemon Cove siding. Cert. check 5% payable to Chairman of Bd. of Sups. req. Laurence A. Moye, county surv.

YREKA, Siskiyou Co., Cal.—Until Aug. 6, 10 a. m. bids will be rec. by W. J. Neilon, county clerk, to const. curve chord riveted Warren steel sixty foot steel span bridge on concrete foundations over East Fork of Scott River, town of Callahan, Etna Road Dist Cert. check 10% req. Albert F. Parrott county surveyor.

VISALIA, Tulare Co., Cal. — Until Aug. 7, 2 p. m., bids will be rec. by Gladys Stewart, county clerk, to const. rein. conc. bridge No. 66, over Redwood Creek, involv. 60.53 cu yds. class A and 120.36 cu. yds. class B conc. All materials to be furnished by county f. o. b. Tagus siding. Cert. check 5% payable to chairman of Bd. of Sups. req. Laurence A. Moye, county surv.

VENTURA, Calif.—Until 11 a. m., Aug. 8, bids will be rec. by supervisors to const. reinf. concr. bridge of 7 spans each 30 ft. long on concr. piers and abutments on timber pile foundations; estimated quantities are: 289 cu. yds. A concr.; 85 cu. yds. B concr.; 46,850 lbs. reinf. steel; 30 reinf. concr. piles; 34 O. P. piles; 420 lin. ft. pipe railing. Cert. chk., 2%. L. E. Hallowell, clk.

VISALIA, Tulare Co., Cal. — Until Aug. 7, 2 p. m., bids will be rec. by Gladys Stewart, county clerk, to const. rein. conc. bridge No. 60, over St. John River, involv. 77.13 cu. yds. class B conc. in abutments and 40 piles driven Separate bids will also be received for labor in erection of bridge complete with exception of abutments. Materials will be furnished by county f. o. b. Roache siding. Cert. check 5% payable to Chairman of Bd. of Sups. req. Laurence A. Moye, county surv.

OROVILLE, Butte Co., Cal. — Jon Berlinger, Orland, was awarded cont. by the county supervisors for const. bridges over the Dry Creek on Nelson Butte, involving 135 cu. yds. a conc.; 119 cu. yds. excav.; 84 cu. yds. backfill

REDDING, Shasta Co., Cal.—Until Aug. 8, 2 P. M., blds will be rec. by S. N. Witherow, County Clerk, for bridge work as follows:

1. Cut at one end and fills and rock walls at each end of bridge over Pit river at Fall River Mills.
2. Wooden bridge and one conc. pier across gulch on Clear Creek Rd., bet. State Highway and Gardella dredger.
3. Conc. abutment and fills ae east end of bridge over North Fork of Cottonwood Creek on Middle Fork Rd. about 3-mi. s. e. of Gas Point.

Cert. check 10% payable to county req. C. R. Wiegel, County Surv.

YUMA, Ariz.—So. Pac. Ry. has started work on the steel bridge to span the Colorado River at this point. Work will be under the supervision of W. F. Turner, div .engr. of the Tucson div. About ¾-mi. of main line will be built on the west side to connect with the new bridge.

VISALIA, Tulare Co., Cal.—Until Aug. 7, 2 P. M., bids will be rec. by Gladys Stewart, County Clerk, to const. rein. conc. bridge over Packwood Creek, known as Bridge No. 66, involv. 60.53 cu. yds. Class A and 120.36 cu. yds. Class B conc. Material will be furnished by county f. o b. Tagus siding. Cert. check 5% payablo te Chairman of Bd. of Sups. req. wih each bid. Laurence A. Moye, County Curv.

SACRAMENTO, Cal.—City commission rejects bids received to const. 4-in. conc. revetment with head and toe walls on water slope of Sacramento river near Sutterville Levee. Low bid was presented by Tieslau Bros., Berkeley, at $92,880.60. Work will be done by force account under supervision of City Eng. Albert Givan.

SALEM, Ore.—See "Sewers and Street work," this issue. Oregon State Highway Commission.

Engineers and Contractors
PLEASE NOTE

We are FACTORY distributors
—for—
MILBURN CARBIDE FLARE LIGHTS
for Night Work 500 - 12,000 c. p.
Economical and Efficient

MILBURN OXY-ACETYLENE WELDING AND CUTTING APPARATUS
for Repairing and Construction

Let us send you full information

E. D. BULLARD
268 Market St., San Francisco
Phone Douglas 6320-Doug. 6321

MERCED, Merced Co., Cal.—Until Aug. 7, 10 A. M., bids will be rec. by P. J. Thornton, County Clerk, to const. concrete cattle crossing structure on Merced-Snelling-Merced Road, Sec. 2 in Rd. Dist. 3. Further information obtainable from clerk.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SACRAMENTO, Cal. — Until July 26, 9:15 p. m., blds will be rec. by H. G. Denton, city clerk, to remove general fill known as "Y" Street Levee" from River Front to west line of 21st St. Cert. check 10% payable to City Controller req. Bond of 25% req. of successful bidder. Albert Givan, city eng.

NEWPORT BEACH, Orange Co., Calif.—Parkinson Syndicate has applied to War Dept. for permission to dredge and fill in Newport Bay. Preliminary work has been done by the Newport Engineering Co., while a contr. has been signed with Leeds & Barnard, who will have complete control of all plans for the improvement of the harbor frontage involved. The cost of the proposed work will amount to approx. $200,000.

OAKLAND, Calif.—The Council of the City of Oakland will receive sealed bids on July 26, 1923, between the hours of 11 o'clock a. m. and 12 o'clock m., for treating piles, sheet piling and timbers for timber bulkhead between First and Third Streets. Blank forms of proposals will be furnished by the City Clerk on applicaiton. Eugene K. Sturgis, City Clerk.

IRRIGATION PROJECTS

BENICIA, Solano Co., Cal.—Election will be held Aug. 10 in Benicia Reclamation District to vote bonds of $125,000 to finance improvements in district. Trustees of district are: P. B. Fry, C. G. Clyne and S. H. Beetem.

LIGHTING SYSTEMS

LOS ANGELES, Calif.—H. H. Walker, 1800 W. 12th St., awarded contr. by Bd. Pub. Wks., at $27,861 for const. ornam. light. sys. in 16th St., betw. Figueroa St .and 40 ft. west of Hoover Street.

STOCKTON, San Joaquin Co., Cal.—Property owners in Miner Ave., bet. North El Dorado and California Sts., have signed petitions seeking the installation of an ornamental lighting system. W. B. Hogan, City Eng.

LOS ANGELES, Calif.—Until 3 p. m., July 20, bids will be rec. by public service comm., 207 S. Broadway, for standard dipped bell and spigot C. I. water pipe, f. o. b. cars, S. P. team track, Los Angeles, involv. 84 pcs. 16-in. class C pipe, in 12-ft. lengths, of 1725 lbs. per length. Spec. 681-B. Jas. P. Vroman, secy.

LOS ANGELES, Calif.—Until 3 p. m., July 20, bids will be rec. by public service comm., 207 S. Broadway, for 6000 ft. 16-in. Matheson Joint bell and spigot, welded steel pipe or equal, f. o. b. cars, S. P. team track, under Spec. 681-A.

TRACY, San Joaquin Co., Cal. — Commercial Electric Co., 39 South California St., Stockton, at $2226 awarded contract by Chamber of Commerce to install 33 electrollers in portions of Central Ave. and 6th St.

FRESNO, Fresno Co., Cal.—Robinson Electric Co., 1162 Broadway, Fresno, at $30,900 submits low bid to city commissioners to install 155 electroliers with necessary conduits and appurtenances to be installed in portions of Kerckhoff Ave., Huntington Blvd., South First Sts., etc. Electroller to be c. I. and steel with single lamp globe and lamp; set on Port. cem. conc. foundations, 2-ft. sq. and 2-ft deep; conduit to be galv. metal tubing containing wire conductors. Other bids: Fresno Electric Co., $30,950; H. C. Reid Co., $32,175; Valley Electric Co., $32,000. Taken under advisement. Wm. Stranahan, city eng.

SAN FRANCISCO.—Down Town Association backs movement to install lighting systems on highways leading out of San Francisco. L. E. Voyer, assistant sales manager of the General Electric Co., has submitted plans and estimates of cost for such a system.

MACHINERY AND EUIPMENT

FRESNO, Fresno Co., Cal. — A. L. Young Machinery Co., Inc., 28 Fremont St., San Francisco, at $949 awarded contract by Bd. of Education for fur. one Crescent No. 55 Universal Woodworker. Other bids: Smith-Booth-Usher Co., Los Angeles, $1004; Herberts Machinery & Supply Co., San Francisco, $1245.

CALIFORNIA—State Fish & Game Commision authorized by State Board of Control to purchase new trucks and other equipment needed in transporting trout fry from hatcheries to streams. The total amount to be expended for equipment is $64,000.

PLACERVILLE, El Dorado Co., Cal.—Until July 27, 8 p. m., bids will be rec. by High School Trustees for fur. and del. for use in shop departments, the following materials: 1 planer, 24-in.; 1 sander, 24-in.; 2 braces; 1 set of bits up toi 1-in.; 1 expansion bit, 2-in.; all sizes of sand paper; 1 steel templet gauge; 1 set Crescent wrenches and one swage. Further information obtainable from clerk of district at Placerville.

VALLEJO, Solano Co., Cal.—City council, Alf. E. Edgcumbs, City Clerk, has appropriatid $16,000 for purchase of street paving equipment. T. D. Kilkenny, City Eng.

FRESNO, Frrsno Co., Cal.—City commissioners will ask bids at once for fur. and del. one 60-h. p. tractor foruse of street department, R. Y. St. George, City Clerk, and wm. Stranahan, City Eng.

HANFORD, Kings Co., Cal. — City trustees contemplate appropriation in fiscal year budget to finance purchase of motor street sweeper. Ben. Duffield is city engineer.

WILLOWS, Glenn Co., Cal.—Spears-Wells Machinery Co., Cedar and 9th Sts., Oakland, at $92.48 awarded cont. by county supervisors for fur. one portable truck loader mounted on steel truck with all steel and malleable iron bucket elevator, having capacity of one-half to three-fourths cu. yds. of rock or gravel, per min.; loader to have power plant consisting of F. B. 3½ H. P. gasoline motor.

WILLOWS, Glenn Co., Cal.—Ellis J. Levy Co., Willows, at $1975 awarded cont. by county supervisors for fur. one T-35, 2-ton Holt Tractor.

WILLOWS, Glenn Co., Cal.—E. E. Linebaugh (agent), Willows, at $2249 awarded cont. by supervisors for fur. one 9x16, Reliance Portable Crusher on 4-wheel trucks, with one 4-ft. folding elevator, shipping weight 9700 lbs.

MERCED, Merced Co., Cal.—County Surveyor authorized by supervisors to purchase one set of loadometers for use on county highway system.

RAILROADS

LONG BEACH, Calif.—The construction of the new U. P. cut-off from Signal Hill to Terminal Island, will start at once. W. H. Comstock, gen. mgr. Salt Lake lines. Approx. length, 3 mi. Cost, $600,000.

BAKERSFIELD, Kern Co., Cal.—Surveys to determine the cost of a direct rail line bet. Bakersfield and Los Angeles and to shorten the present line of the Atchison, Topeka and Santa Fe Railway, by 50 or 60 mi. bet. these points are being made, according to an announcement of J. R. Hayden, assistant genral traffic manager of the Santa Fe system.

FIRE ALARM SYSTEMS

MODESTO, Stanislaus Co., Cal.—Until July 25, 7:30 P. M., bids will be rec. by L. A. Love, City Clerk, for fur. and del. f. o. b. Modesto, following materials for fire alarm system:

One Standard automatic non-ineterfering repeater.

One six circuit switchboard with sixty cell battery of the standard type.

One metal battery rack.

One generator set. Motor to be 110 volts, 60 cycle, the generator to be 220 volts-250 watt.

Cert check 10% payable to Mayor req. Spec. on file in office of clerk.

MODESTO, Stanislaus Co., Cal.—Until July 25, 7:30 P. M., bids will be rec. by L. A. Love, City Clerk, for fur. 6,000 ft. No. 13 gaugs B. & S -10 pairs and 150 ft. No. 13 B. & S.-25 pairs wool for extensions to fire alarm system. All to be delivered f. o. b. Modesto. Cert. check 10% payable to Mayor req. Spec on file in office of clerk.

AUBURN, Placer Co., Cal.—City trustees will sell $7000 bond issue July 25 to purchase fire fighting equipment.

FIRE EQUIPMENT

FRESNO, Fresno Co., Cal.—American La France Co., submits low bid to city commissioners at $23,480 for fur. and del. pumping engines for fire department. Taken under advisement.

FRESNO, Fresno Co., Cal.—City Commissioners will asko bids at once for fur. 11,400-ft. 2½-n and 2,350 ft. 1½ in. fire hose. R. Y. St. George, City Cltrk.

MODESTO, Stanislaus Co., Cal.—Until July 25, 7:30 P. M., bids will be rec. by L. A. Love, City Clerk, for fur.: Two Combination pumps, hose and 85 gal. water tank auto fire engines completely equipped; capacity of pumps 750 gals. per min.; capacity of hose body 1,000 ft. 2½ in. fire hose; capacity of pump tank 85 gals.; electric lighted, electric starter; wheels — firestone cushion tires, dual in rear; siren—Heath. Prices to be f. o. b. Modesto. Cert. check 10% payable to Mayor req. Further information obtainable from Clerk.

MODESTO, Stanislaus Co., Cal.—City council has sold $55,000 bond issue to finance purchase of fire fighting apparatus. L. A. Love is city clerk.

MISCELLANEOUS SUPPLIES

July 17, 1923

LOS ANGELES, Calif.—Until 3 p. m., August 3, bids will be rec. by public service comm., 207 S. Broadway, for lead covered and submarine cable. Spec. No. P-311. Jas. P. Vroman, secy.

RESERVOIRS AND DAMS

AHWAHNEE, Madera Co., Calif.—Brown and Stafford of Madera were awarded the contract for the construction of the reservoir and pipe line at the Tri-county hospital at Ahwahnee, the amount of their bid having been $9511.

MERCED, Merced Co., Cal.—Until Aug. 3, 2 p. m., bids will be rec. by A. L. Cowell, secy. Merced Irrigation District to const Exchequer dam across Merced River at Exchequer, Mariposa county. Project involves approx. 60,000 cu. yds. excavation, largely in rock, placing of approx. 300,000 cu. yds. conc. and approx. 100 tonsc of metal work. Spec. obtainable from secretary on deposit of $15, returnable. Starr, Thebo and Anderton, engineers, Sharon Bldg., San Francisco. R. C. Starrett, ch. eng. for district. **See call for bids under official proposal section in this issue.**

PIPE LINES, WELLS, ETC.

WATTS, Cal.—See "Waterworks," this issue.

SAN DIEGO, Cal.—Until 10 a. m., July 14, bids will be rec. by city purchasing dept. for 4000 pipe bands for 10-in. wood stave pipe. Cert. check 5 %. W. H. Cameron, Supt.

LONG BEACH, Calif.—The U. S. Cast Iron Pipe & Foundry Co. awarded the contract at $268,367 for fur. city water dept. the following lot of pipe: 15,000 ft. 30-in.; 10,000 ft. 20-in.; 5280 ft. each of 12, 8 and 6-in. sizes.

LOS ANGELES, Calif.—Until 3 p m., July 24, bids will be rec. by public service comm., 207 S. Broadway, for 2318.4 tons cast iron pipe f .o. b. Aqua siding and Enterprise yard.

SAN BRUNO, San Mateo Co., Cal.—See "Pipe Lines, Wells," this issue. Water Works supplies.

MISCELLANEOUS CONSTRUCTION

EL CERRITO, Contra Costa Co., Cal. City Eng. Ross L. Calfee, 221 South 22nd St., Richmond, completes spec. for proposed Stockton street subway under the tracks of the Santa Fe railroad. Plans are yet to be approved by the State Railroad Commission.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

BERKELEY, Calif.—Bids will be received until July 31, 1923, at 4:15 p. m. by Clyde Blanchard, secrtary of the Board of Education of the City of Berkeley, for the erection of line fencing at the new Lincoln School, Prince and King Streets, City of Berkely. Plans and specifications on file in the office of the Secrtary of the Board of Education, 2133 Allston Way, Berkeley.

WATER WORKS

SAN DIEGO, Calif.—Until 10:30 a. m., Aug. 27th, bids will be rec. by Purchasing Agent W. H. Cameron for fur. material and erecting a 1,200,000 gallon capacity steel stand pipe, including towers and foundations, for municipal water distributing system. Bidders are asked to submit their own designs with bids.

SAN BRUNO, San Mateo Co., Cal.—Until July 25, 8 p. m., bids will be rec. by Nettie A. Williams, city clerk, for fur. and del. cast iron water pipe, galv wrought steel pipe, fittings, valves and hydrants for San Bruno water works. Cert. check 10% payable to city clerk req. Spec. obtainable from city clerk or City Eng. Geo. A. Kneese, Courthouse, Redwood City. **See call for bids under official proposal section in this issue.**

CARDIFF-BY-THE-SEA, Cal.— Until 10 a. m., July 31, bids will be rec. by directors of the San Dieguito Irrigation Dist. to const. pumping plants and water tanks in accordance with spec., obtainable from T. H. King, eng of the dist., 920 8th St., San Diego. Work involves Item 1 (unit 1) complete installation of centrifugal pump and motor capable of delivering 1140 gals. per min. against a total head of 137.5 ft. (unit 2) complete installation of centrugal pump and motor, capable of delivering 450 gals. per min. against a total of 95 ft.; (unit 3) complete installation of centrifugal pump and motor, capable of delivering 900 gals per min. against a total head of 165 ft. Item 2. The construction of three redwood tanks, capacity 100,000 gals. each, together with necessary foundation and covers. Alternate under item 2, the construction of 3 redwood tanks, capacity 50,000 gals. each, together with necessary foundation and covers. W. H. Schaaf pres. of the board of directors.

WATTS, Cal. — Conservative Water Co., Watts, applied to state railroad commission for authority to issue $250,000 bonds to refund certain securities and for betterments to the plant. About $150,000 will be spent on improvements. About 10 mi. of cast iron and screw pipe will be laid including replacements and extensions. New pumps and about 2000 meters will also be installed. W. W. Pedder, 8619 Fir St., Los Angeles, engr.

SAN DIEGO, Cal.—Bid of Frank Doran at $19,200 to install water mains at Mission Beach rejected by council. It is probable that the spec. will be slightly changed. F. A. Rhodes, city engineer.

PLAYGROUNDS AND PARKS

REDWOOD CITY, San Mateo Co., Cal County supervisors have appointed a committee of five citizens to secure an option on the Peterson holdings at Harrison, on Pescadero creek, for a public park. It is said the property comprising 310 acres, can be secured for approximately $100,000.

SEWERS & STREET WORK

SAN JOSE, Santa Clara Co., Cal.—Council, John J. Lynch, clerk, declares inten. to imp. Martha St., bet. 5th and 7th Sts., involv. grading; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; conc. curbs and gutters; art. stone walks, 6-ft. wide. 1911 Act & Bond Act 1915. Protests July 30 Wm Popp, city eng.

SAN MATEO, San Mateo Co., Cal.—Until July 30, 8 p. m., bids will be rec. by E. W. Foster, city clerk, to imp. portions of 1st, 2nd, 3rd and 4th Aves., E, F, G, H and I Sts.: grade; 5-in. hyd. conc. pavement; hyd. conc. curbs; 6 and 8-in. vit. pipe sewer; 4-in. vit. lateral sewers; hr. manholes; hyd. conc. catchbasins, etc. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. G. Stanley Whitehead, city eng.

MARTINEZ, Contra Costa Co., Cal.—County supervisors commission Ross L. Calfee, 221 South 22nd St., Richmond, to prepare plans for street improvements in town of San Pablo.

LOS ANGELES, Cal.—Until 10 a. m., July 23, bids will be rec. by Bd. Pub. Wks. to imp. the following streets:

Beachwood Dr. and Plymouth Blvd., bet. Rosewood Ave. and Beverly Blvd., involv. 154,559 sq. ft. Warrenite-bitul. paving; 6 ft. curb; 100 sq. ft. walk; 9283 sq. ft. gutter; 750 ft. hse. sewers; 1911 Act.

Alley w of Occidental Blvd., between Marathon St. and Bellevue St., involv. 14,307 sq. ft. conc. paving; 240 ft. 6-in. cem pipe sewer

SPRINGDALE, Utah.—Until Aug. 14, 2 p. m., bids will be rec. by George E. Goodwin, Chief Civil Engineer, National Park Service, to const. and reconst. approx. 7½-mi. of road in Zion Natl. Park, Utah. **See call for bids under official proposal section in this issue.**

BERKELEY, Alameda Co., Cal.—Until July 31, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to set back curb line 13 ft. in n line of Center St., bet. Grove and Shattuck Ave.: const. comb. armored conc. curb and gutter; pave space bet. old pave and new gutter with asph. conc. and surface of n 10 ft. of old pavement to be heated and raised to conform to new pavement; const. conc. catchbasins with 12-ft. vit. sewer connections. 1911 Act. C. L. Huggins, city engineer.

COLUSA, Colusa Co., Cal.—C. R. Merrill, Colusa, awarded cont. by city trustees to grade and gravel the following streets: Third St., bet. Webster and Sioc; Fourth St., bet. Fremont and Sioc; Fremont St., bet. 10th St. and west city limits; First St., bet. Webster and Sioc.

MARTINEZ, Contra Costa Co., Cal.—Bids will be asked immediately by county supervisors to grade and gravel a mile of road in Supervisor District No. 5. R. R. Arnold, county surv.

BERKELEY, Alameda Co., Cal.—Until July 27, 8 p. m., bids will be rec. by E. M. Hann, city clerk, to const. comb. storm and sanitary sewer with manholes, inlets and appurtenances in Woolsey St., from end of present sewer east to Telegraph Ave., approx 200 ft. Cert. check 10% payable to city req. Spec. obtainable from city clerk on deposit of $2.50, returnable. C. L. Huggins, city engineer.

SALEM, Ore.—Until July 30, bids will be rec. by State Highway Commission for highway and bridge projects as follows:

Graveling Albany-Corvallis section Pacific highway, 9.5 miles.

Graveling Pacific highway between Cottage Grove and bridge over the coast fork of the Willamette river, 9 miles.

Gravel surfacing of Keno-Hayden creek section of the Ashland-Klamath Falls highway, 12.4 miles.

Grading and surfacing one mile near Summer lake, on the Princeville-Lakeview highway.

Resurfacing of pavement one-half mile in Lakeview, in the Princeville-Lakeview highway.

Resurfacing pavement on La Grande Enterprise highway between La Grande and Island City, 2 miles.

Widening of roadbed and construction of rock shoulders to pavement north and south of Tillamook City, on the Roosevelt Coast highway, 4.5 miles.

Concrete bridge over Bear creek near Svenson.

Bridge over Windchuck river, just north of the California line in Curry county.

Bridge over Lost creek, near Prospect, on the Crater lake road.

New pier for the existing bridge over the Willamette river at Newberg.

Reconstruction of bridge near Hebo and one near Neskowin, in Tillamook county.

Combined crossing of the Grand Ronde river and the Oregon-Washington Railroad & Navigation tracks near Perry, in Union county.

NAPA, Napa Co., Cal.—Until Aug. 14, 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, for fur. and del. 2000 cu. yds. crushed rock, to be spread on Orchard, Trower, Oak Knoll avenues and Big Ranch road. Further information obtainable from clerk.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. Amestoy Ave., bet. Hobart Blvd. and Guaymas St., & portions of Barton, Eleanor, Hobart and other avenues under county imp. No. 27, involv. 1753 cu. yds. excav.; 7243 lin. ft. curb; 28,970 sq. ft. walk; est contr. price, $11,931.10.

LOS ANGELES, Cal.—Bd. of Sups. announce it has prepared road program amounting to $1,000,000 for new county roads for the coming year. An immediate expenditure of $200,000 for the harbor truck blvd. and $80,000 for the Garvey Rd. Road work on the following roads was authorized: 10th Ave., Puente, $10,000; Ervindale Ave., Covina $20,000; Long Beach Blvd., $80,000; Downey-Norwalk, $35,000; Pomona Blvd. from El Monte 2 mi. east, $120,000; Painter Ave., connecting the oil fields and Whittier, $75,000; Norwalk-Puente Mill Rd., $85,000; Vernon-Downey Rd., $90,000; Compton-Clearwater Rd., $85,000; Center-Sumerset Ave., $90,000; Anaheim Blvd. north of Long Beach, $15,000; Durfee Rd., $40,000, which will pay half the improvement; Artesia St., $55,000.

DAILY
PACIFIC BUILDER

The only daily newspaper in the West whose columns are devoted exclusively to Building News. Covers San Francisco and Bay Counties. $1.25 per month, payable in advance. Send for sample copy.

818 MISSION STREET SAN FRANCISCO, CAL.

HANFORD, Kings Co., Cal.—Until July 23, 5 p. m., bids will be rec. by D. C. Williams, city clerk, to imp. portions of Kaweah and Ford Sts., Park and Central Ave, and portions of other Sts.: Grade; 4-in. bituminous base pavement; cem. curbs and gutters; corru. iron and conc. culverts; rein. conc. and iron catchbasins; 12-in. full circle No. 14 gauge corru. iron pipe storm sewers. 1911 Act and Bond Act 1915. Cert. check 10% payable city req. Ben Duffield, city eng.

VALLEJO, Solano Co., Cal.—City Eng. T. D. Kilkenny preparing spec. to extend sewer system in northern section of city; est. cost $2000.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco, awarded cont. by council to imp. N-8th St., bet. Santa Clara and Julian: Grade; pave with 1½-in. Durite asph. conc. surface on 3-in Durite asph. conc. base; hyd. conc. curb and gutter.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., awarded cont. by council to imp. 15th St., bet. Santa Clara and Jackson: Grade; pave with 1½-in. Warrenite-Bit surface on 3-in. bituminous conc. base; hyd. conc. curbs and gutters; 2 br. catchbasins; 8-in. vit. pipe drains.

SONOMA COUNTY, Cal. — Tieslau Bros., 2819 Grove St., Berkeley, at $10,775 awarded cont. by State Highway Cohmm. to grade and surface with gravel 0.2 mi. in Sonoma County, near Lytton, involv. 11,000 cu. yds. excavation without classification and 500 cu. yds. gravel surfacing. Eng. Est., $10,037.50.

SAN LUIS OBISPO, Cal.—Until 2:30 P. M., Aug. 6, bids will be rec. by supervisors to const. barbed wire fence along San Simeon-Carmel highway. J. G. Driscoll, Clerk.

YUBA CITY, Sutter Co., Cal.—Dennis Constr. Co., McMinville, Ore., at $148,327, asph. conc. pavement, awarded contract by Joint Highway District No. 3, State of California (Sacramento and Sutter Counties) to const. 7.414 mi., Elkhorn section in Sacramento county and 3.188 mi. of Verona section, Sutter county, at $172,750 for the same type of pavement.

J. F. Knapp, Turlock, at $205,118, for concrete pavement, awarded cont. to pave Tudor section.

C. W. Deterding Jr., Court House, Sacramento, Engineer.

PASADENA, Cal.—City directors declare inten. to const. vit. pipe sewer of 8-in. to 16-in. dia. in various sts., includ. Arroyo Blvd bet. Washington and Montana Sts., and portions of Dakota, Zanja, Hammond, Blake Sts., and Forest, Cypress, Winona and Pasadena Aves., and other streets in the n.w. part of the city involv. $6,000 lin. ft. or 16.3 mi. of sewer pipe, ranging in size from 8 to 16 inches; 3322 "Y" branches and 4-in. hse. sewers, 299 manholes and 70 flush tanks. 1911 Act. W. C. Earle, city engr.

COLTON, Cal.—F. W. Seccombe, San Bernardino, submitted low bid to city trustees at $18,300 on cem. glazed pipe and at $18,500 on vit. pipe for the new outfall sewer. Hall & Johnson, of Riverside, bid $19,500 on vit. pipe.

MONTEREY, Monterey Co., Cal. — Until Aug. 7, 7 p. m., bids will be rec. by A. J. Mason, city clerk, to imp. portions of Pacific & Eldorado Sts.:Grade, pave with 3½-in. asph. conc. surface; concrete, curb; gravel walks; 6-in. in. vit. sewer with 15 wye branches; 7 catchbasins with10-in. culvert connections to existing storm sewers; rein. conc. retaining wall, 1911 Act and Bond Act 1915 Cert check 10% payable to city req. H. D. Severance, city engineer.

SACRAMENTO, Cal.—Until Aug. 6, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to imp. Grant Line Road from end of present pavement, northerly to Jackson road. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from Co. Eng. C. W. Deterding, Courthouse, Sacramento.

YREKA, Siskiyou Co, Cal — Until Aug 6, 10 A. M., new bids will be rec. by W. J. Neilson, County Clerk, to const. portion of Forest Mountain Road No. 169, involv. 36,000 cu yds. excavation; 61 cu. yds. conc. (culverts); 21 cu. yds. conc. culverts, (end walls and drop inlets); 158 lin. ft. 12-in., 28 lin. ft. 15-in., 22 lin. ft. 18-in. and 104 lin. ft. 24-in. corru. iron pipe; 600 lin. ft. guard fence. Bids rec. under thelast call were rejected. The bids rec. follow:

Geo. A. Milne, total bid, $50,000; units, as follows; (a) excavation and clearing right of way, $1.23 cu. yd.; (b) conc. $.25 cu. yd.; (c) laying pipe, $.60 lin. ft.; (d) guard fence, $.50 lin. ft.

Albert Young, Fred Henderson and J. T. Logan, total $62,000;; a, $1.20; b $50; (c) $12-in., $.80, 18-in., $1.00, 10-in. $.90, 24-in., $1.15; (d) $.50.

Calvert, Schrotder & Calvert (a) $ 35; (b) $40; (c) $3.00; (d) $1.25.

Albera F. Parrott estimatts work at $38,666.

LOS ANGELES, Cal.—Until 11 a. m., Aug. 6, bids will be rec. by supervisors to imp. Miramonte Blvd. and portions of Florence Ave. and Nadeau St., under County Imp. No. 12, involving 2760 cu. yds. excav.; 5010 lin. ft. concr. curb; 19,765 sq. ft. walk; 9590 sq .ft. oil and screenings roadway. Est. contract price $11,479.70. Average haul, .5 mi. from Florence Ave. on the P. E. Ry.

SAN JOSE, Santa Clara Co., Cal.—Council, John J. Lynch, city clerk, declares inten. to imp. St. John St. bet. 14th and 15th Sts.; and bet. 16th and 17th Sts.; involv. grading; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; conc. curbs & gutters. 1911 Act and Bond Act 1915. Protests July 30. Wm. Popp, city eng.

SOUTH SAN FRANCISCO, Cal.—Due to failure to get ballots at booths prior to voting time, the city trustees recalled election to vote bonds of $58,000 to finance extensions to sewer system. Another date will be set to vote the bonds. Geo. A. Kneese, Courthouse, Redwood City, is eng.

EUREKA, Humboldt Co. ,Cal.—City council contemplates a bond issue to finance extension of sewer system in various sections of city, also for replacement of outfall sewer in Washington St. Harry H. Hannah, Coty Eng.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at $15,000 awarded cont. by supervisors to grade and surface 3450 ft. of county road beginning at east city limits of Eureka and extending toward Arcata. In Rd. Dist. 4. Municipal Imp. Co., Oakland, bid $16,400.

NAPA, Napa Co., Cal.—City Council, H. H. Thompson, Clerk, declares inten. to imp. Lincoln Ave. bet. York and Jefferson Sts., including terminations of Spencer and Georgia Sts., involv. grading; const. conc. curbs and gutters; pave with 2-course asph. macadam, 40 ft. with; 6-in. vit. ironstone sewer with 2 wye branches; flush hole with c. l. frame and cover; 3 conc. catchbasins. 1911 Act. Protests July 30. H. H. Harrold, City Eng.

PASADENA, Cal.—City Directors reject all bids for the northwest sewer job for which Frederickson & Shannon of Fresno were low bidders at $137,408. New proceedings are under way and new bids will be advertised for shortly.

STOCKTON, San Joaquin Co., Cal.—Until July 30, 5 P. M., bids will be rec. by N. Freel, City Clerk, to imp. portions of Acacia, Yale Columbia Poplar and Pershing Aves. and portion of Flora St. by grade; const. comb. conc. curb and gutter; conc. walks; pave with 3-in. crushed rock base on 2-in. asph. conc. curface; portions of Picardy St. by const. conc. sidewalks 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. W. B. Hogan, City Eng.

LOS ANGELES, Cal.—Warren Constr Co., 5444 Hollywood Blvd., awarded contr. by Bd. Pub. Wks. at $25,857 to imp. Hobart Blvd., bet. Oakwood Ave. and 3rd St., involv. grading at $3400 (lump sum); 84,942 sq. ft. Warrenite paving 25.5c ft.; 771 sq. ft. oiling and rolling 10c ft.; 63, ft. curb 85c ft.; 2218 sq. ft. gutter 30c ft.

PHOENIX, Ariz.—Lee Moor Contr. Co., 2 Republics Bldg., El Paso, Texas, submitted low bid to state engr. at $109,646 (using concr.) to const. Phoenix-Wickenburg highway, federal aid project No. 70, involv. 5000 cu. yds. excav.; 25,00 cu. yds. borrow, 41,000 sq. yds. paving; 350 cu. yds. structural concr., and other incidental items. Other bids were: **Concrete** — Kisselburg-Schmidt & Hitchcock, Phoenix, $120,563; McKay & Shumway, Phoenix, $129,877; **black base**—Phoenix-Tempe Stone Co. (bitul.) $123,843; Phoenix Tempe Stone Co. (asph.) $141,939; Hoops & Thomas, Miami, Ariz., $134,192; Pacific Constr. Co., Phoenix, $147,438.

SELMA, Fresno Co., Cal.—California Const. Co., 58 Sand St., San Francisco, awarded contract by Southern Pacific Co. to pave certain streets in Selma on bid of $.14 sq. ft. for macadam and $.30 sq. ft. for asph. conc.

COLFAX, Placer Co., Cal.—City Trustees will call election shortly to vote bonds of approximately $12,000 to finance pave streets to connect the highway through town and to pave two other principal streets.

OFFICIAL PROPOSALS

(Continued from Page 21)

will be made on the bid to the best advantage of the Government.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER,
District Engineer.

July 10, 1923.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

SAN JACINTO,Cal.—City trustees contemplate sewer system with a septic tank under a bond issue.

PASADENA, Calif.—Downer & Mero, 401 16th St., Richmond, Calif., awarded contr. at $58,000 by city directors for 8-in. vit. pipe sewers in portions of West Ave., Ontario Ave., Banyan, Bryant, Yocum and other streets; a portion of this pipe is to be encased in cem. concr. Res. No. 4626. Work involves 11,668 ft. 8-in; 119 ft. 10-in.; 236 ft. 12-in.; 1156 ft 14-in.; 2103 ft. 15-in.; 5346 ft. 16-in.; 3402 ft. 8-in. and 1320 ft. 20-in. vit. pipe; 130 manholes; 28 flushtanks. Other bids were: Cox and Teget, $69,685; Nick Bebek, $69,900; H. D. Churchill Co., $71,529.40; George W. Kemper, $76,800; Hickel & Harmon, $85,000; Nikcevich & Budincich, $86,000; M. Simunovich, $87,449; Leo Miletich, $91,078.80; S. Zarubica, $93,750; Engr.'s est., $57,600.

VENICE, Calif.—Braun, Bryant & Austin, 1680 4th St., Santa Monica, awarded contr. by city trustees at $46,-802.74 to imp. 7th Ave., bet. Rose Ave and Broadway, involv. grade and pave with 1½-in. Willite surface on 2½-in. asph. concr. base; constructing curbs, walks; 18-in. vit. storm drain. Hall-Johnson Co. bid $49,794.

Braun, Bryant & Austin awarded contr at $82,235 to imp. Crestmoore Pl., betw. Washington Blvd. and Oakwood Ave., involv. grade and pave with 1½-in. Willite surface on 2-in. asph. cover base Hall-Johnson Co. bid $9172.37.

SAN FRANCISCO—Louis J. Cohn, 180 Jessie St., at $7711 awarded cont. by Bd. Pub. Works to imp. w side of Great Highway at Section D of the Ocean Beach Esplanade: est. cost, $9500 to be financed from County Road Funds. Project involves: 22,500 sq. ft. asph. conc. pavement consisting of 6-in. conc. base and 1½-in. asph. conc. surface; 306 lin. ft. conc. gutter; 282 lin. ft. roadway copping; 326 lin. ft. 10-in. vit. pipe sewer; 2 br. catchbasins; 70 lin. ft. 2x8-in. r.w. headers; 1 sidewalk entrance and 1 team entrance.

Fay Imp. Co., Phelan Bldg., at $596 awarded cont. to imp. Francisco St., Octavia and Laguna (where not) involv. 75 lin. ft. conc. curb and 1453 sq. ft. asph. conc. pavement.

Municipal Const. Co., 112 Lyon St, awarded cont. at $8136 to imp. 24th Ave., bet. Irving and Judah Sts., involv 1200 lin. ft. conc. curb; 24,000 sq. ft. asph. conc. pavement.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded contr. by Bd. Pub. Wks. at $16,036.79 to Imp Lake St. bet First St. and 263 ft. s. w. of Court St., involv grading at $6000 (lump sum) asph. paving at 24c ft.; cem. conc. paving 24.5c ft.; oil and roll 10c ft.; curb 70c ft.; cem. walk 21c sq. ft.; conc. gutter 32c ft.; hse. connection sewers $1.50 ft.

LONG BEACH, Cal.—Budinch & Nikcevich, 208 Roycroft, Long Beach, submitted only bid at $178,200 for const. cement conc. pipe sewer system in 37 streets and alleys in Long Beach. Pump Dist. No. 1.

LOS ANGELES, Cal.—Joe Mullarkey, 8435 S. Vermont Ave., awarded contr. by Bd. Pub. Wks. at Wadsworth St., bet. Jefferson and 40th Sts., involv. grading at $1500 (lump sum); 65,773 sq ft. oil and roll 6c ft.; 3078 ft. curb 65c ft.; 15,232 sq. ft. walk 20c ft.; 7552 sq. ft. gutter 26c ft

Joe Mullarkey awarded cont. at $4,-190 42 to imp. first alley w of Woodlawn Ave., bet. Santa Barbara Ave. and Miles St., involv. grade at $500 (lump sum); 15,183 sq. ft. 5-in. conc. paving 24c ft.; 465 sq ft. oil and roll 10c ft.

YUBA CITY, Sutter Co, Cal.—Until Aug. 7, 10 a. m., bids will be rec. by Albert B. Brown, county clerk, to grade connecting road bet. Tahoe-Ukiah State Highway and Long Bridge-Tarke road in Rd. Dist. 3, approx. ¼-mi. in length. Spec. obtainable from County Road Commissioner, O. W Lanzendorf, on deposit of $10 Further information obtainable from Co. Rd. Comm.

SAN DIEGO, Cal.—City council declares inten. to pave Elm St., from Columbia St. to Balboa Park, comprising 81,257.32 sq. ft. paving with 1½-in. asph. conc. wearing surface on 2"-in. hitum base; 106 cu. yds. earth excav.; 426.7 sq. ft. cem. conc. sidewalks; 80 lin. ft. cem. conc. curb; 1911 Act. Protests Aug. 6: F. A. Rhodes, city engr.

OAKLAND, Cal.—Until July 26, 12 M bids will be rec. by Eugene K. Sturgis city clerk, to imp. 77th Ave., bet. E. 14th St. and Fitchburg Addition tract: grade; const. conc. curbs and gutters; oil macadam pavement; 2 storm water inlets; 10-in. vit. pipe conduits. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until Aug. 6, 8 p. m. bids will be rec. by John J. Lynch, city clerk, to imp. San Carlos St., bet. 7th and 17th Sts.: grade; pave with 1½-in. asph. conc. surface on 3-in. asph. conc. base; conc. curbs and gutters; cem. walks; 1 br. catchbasin; 8-in. vit. pipe drain. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

CALISTOGA, Napa Co., Cal. — Until July 31, 2 p. m., blds will be rec. by J. L. Finch, town clerk, to imp. portions of Cedar, Railroad, First Sts., etc., involv. 508,900 sq. ft. grading; 474,900 sq. ft. 5-in. conc. pavement; 28,370 lin. ft. conc. curb; 286 lin. ft. 8-in. corru culvert; 216 lin ft. 12-in. 125 lin. ft. 10-in. and 50 lin. ft. 8-in. conduit; 92 lin. ft. 6-in lateral sewers; 173 lin. ft. 6-in. service connections; 1406 ft. 4-in. sewer connections; three 24-in. and six 21-in. inlets; two 18-in. grated inlets; one wye branch 8x8-in., four 12x10-in. and one 12x12-in. wye branches. 1911 Act and Bond Act 1915. Further information obtainable from town clerk.

LOS ANGELES, Cal.—Until 10 a. m., Aug. 6, bids will be rec. by Bd. Pub. Wks. to const. Sec. No. 10 of the North Outfall sewer. Plans obtainable from city engr., 405 South city hall annex. Cert. check or bond 10% and affidavit of noncollusion. Work involv. 1440 lin. ft. 6-ft. and 6127 ft. 8-ft. 6-in. pipe, and two special structures of 37 ft. and 10 ft. respectively. Alternate bids will be taken on (a) brick-conc. constr.; (b) segment block and (c) pre-cast pipe.

NAPA, Napa Co., Cal.—Until Aug. 14, 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, for fur. 2000 cu. yds. crushed rock, delivered and spread on roads in Rd. Dist. No. 2, as follows: Trower Ave., 1000 cu. yds.; Orchard Ave., 200 cu. yds.; Oak Knoll Ave., 500 cu. yds.; Big Ranch rd., 300 cu. yds. Successful bidder will have use of crusher at Yountville. Cert. check 10% payable to Chair. Bd. of Sups. req. Further information obtainable from clerk.

LOS ANGELES, Cal.—Thomas Haverty Co., 8th and Maple Sts. awarded contr. by Bd. Pub. Wks. to const. sections 11, 12, 13 and 14 of the North Outfall sewer, using pre-cast pipe, as follows: Sec. 11, $109,575. Engr.'s est. $129,731; Sec. 12, $120,560, Engr's est. $139,841; Secc. 13, $172,605, engr.'s est. $201,770; Sec. 14, $249,000, engr.'s est. $391,812. Work to begin within 100 days and completed in 18 months.

Western Reinf. Conc. Pipe Co. was awarded the cont. at $822,312 for furnishing the reinf. conc. pipe with vit. lining.

OAKLAND, Cal.—As previously reported, bids are being rec. by Alameda County supervisors to imp. Livermore-Pleasanton rd. Date for opening bids bids set for July 30, 10 a. m. Est. cost $220,000. Project involv.

1,028,000 sq. ft. class A grading.
9000 cu. yds. class B grading.
1,150,000 sq. ft. class C grading.
600 cu. yds. excavation for culverts.
300 cu. yds. concrete in structures.
75,000 lbs. rein. steel in place.
2000 lin. ft. 6-in. pile drains in place.
300 cu. yds. broken rock for drains in place.
66,300 sq. ft. oil macadam pavement complete.
1200 lin. ft. 12-in. corru. pipe in place.
1200 lin. ft. 18-in. corru pipe in place.
5400 lin ft trenching for roots and back fill.
Painting and repair bridge.
2400 lin. ft. guard rail, complete in place.

Alternative Pavement

655,000 sq. ft. 5 to 7-in. conc. pavement in place.
655,000 sq. ft. 5-in. conc. pavement in place
655,000 sy. ft. 2-in. Warrenite-Bitulithic pavement.
655,000 sq ft. 3-in. Warrenite-Bitulithic pavement.
655,000 sq. ft. 4-in. Warrenite-Bitulithic pavement.

Plans on file in office of county clerk Geo. A. Posey, county surv.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 **San Francisco**

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G·and E·

"PACIFIC SERVICE"

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts for this issue.

No.	Owner	Contractor	Amt
2726	Adler	Owner	14000
2727	McSweeney	Grant	1000
2728	Hufschmidt	Owner	1800
2729	Lindner	Coburn	2300
2730	Monteverdi	Owner	6000
2731	Nolan	Owner	4000
2732	Cuneo	Owner	4000
2733	Chabasey	Owner	5800
2734	Ellingran	Same	12000
2735	Lindner	Coburn	2300
2736	Figano	Solomon	3000
2737	Yates	Knox	1250
2738	Mortensen	Wengard	3900
2739	Pissis	Nichols	8500
2740	Gronholz	Wethered	2000
2741	Same	Same	2000
2742	Hill	Stevenson	6500
2743	Chronicle	Parker	19600
2744	Kittle	Western	5098
2745	Frank	Lindberg	4900
2746	Abrams	Owner	2500
2747	Firpo	Rossi	2000
2748	Erickson	Owner	2500
2749	Coznesoff	Bordin	2000
2750	Bew	Bew	9600
2751	Universal	Fisher	1000
2752	Maxon	Owner	4000
2753	McLaughlin	Meyer	3000
2754	Fish	Owner	90000
2755	Western Elec	Thornally	15900
2756	Barrett	Barrett	40000
2757	Little	Owner	250000
2758	Ginder	Morrison	4947
2759	Tobin	Kelly	4800
2760	Kiel	Stockholm	100,000
2761	Nillsen	Owner	1600
2762	Carlson	Owner	3000
2763	Clough	Hjul	8000
2764	Heppner	Morrow	7845
2765	Becker	Morrow	12000
2766	Abrams	Schrader	50780
2767	Abrams	Schrader	10000
2768	Abrams	Spargo	86650
2769	Schlessinger	Nelson	12000
2770	Landes	Jahnson	13800
2771	Butte	Owner	7800
2772	Beroldo	Carraro	3000
2773	Cuneo	McCarthy	11065
2774	Ortega	Parker	19600
2775	Woebcke	Mnuster	3000
2776	Smith	Salaba	1025
2777	Hinkel	Owner	5000
2778	Burke	Owner	3500
2779	Pinkerton	Owner	3000
2780	Hugo	Memberger	5800
2781	Erickson	Owner	2500
2782	Rednall	Owner	12000
2783	Perry	Helbling	16000
2784	Toulouse	Owner	2500
2785	Fritz	Jensen	1900
2786	Duffee	Owner	3000
2787	Sweeney	Olson	15500
2788	Chamberlain	Barrett	26839
2789	Brownstone	O'O'Reilly	11898
2790	Western	Thornally	15496
2791	Matria	Fontanelle	7470
2792	Cosgrove	Meyer	3250
2793	Lamoure	Pene	25374
2794	Hugo	Meinberger	6360
2795	St. Francis	Boxton	11560
2796	Val Schmidt	Owner	17500
2797	Lurie	Vukicevich	20000
2798	Bocci	Del Favero	8000
2799	Novello	Owner	3600
2800	Archbishop	Fennell	50000
2801	Dowling	Owner	3000
2802	Damico	Amoroso	2000
2803	Thomas	Buschke	9000
2804	Durkee	Perre	2600
2805	Petersen	Owner	2500
2806	Archbishop	Frei	7500
2807	Patricio	McLean	11500

FLATS
(2726) W TWENTY-SECOND AVE. 200 S Geary. 2-story and basement frame (4) flats.
Owner—K. Adler, 493 22nd Ave., S. F.
Plans by owner. $14,000

ADDITIONS & REPAIRS
(2727) NO. 2932 PIERCE STREET. Minor additions & repairs to dwlg.
Owner—Cornelius J. McSweeney, 2932 Pierce St., San Francisco.
Architect—None.
Contractor—W. E. Grant, 1032 Irving St., San Francisco. $1000

REPAIRS
(2728) NO. 649 GOLDEN GATE AVE. Repair fire damage for auto salesroom.
Owner — Henry Hufschmidt, 405 Van Ness Ave., San Francisco.
Architect—None. $1800

SHINGLE ROOF, ETC.
(2729) NO. 248 TENTH AVE. Shingle roof; new ceiling joists and rafters; repair fire damage to dwelling.
Owner—Julius & Silian Lindner, 248 10th Ave., San Francisco.
Architect—None.
Contractor — Ira W. Coburn, Hearst Bldg., San Francisco. $2300

FLATS
(2730) W WEBSTER 50 S Greenwich. 2-story and basement frame (2) flats.
Owner—J. Monteverdi, 3045 Webster St., San Francisco.
Architect—None. $6000

DWELLING
(2731) W EIGHTEENTH AVE. 120 N Irving. 1-story & basement frame dwelling.
Owner—W. P. Nolan and Thos. D. Quigley, 1599 8th Ave., S. F.
Architect—None. $4000

DWELLING
(2732) NE AMAZON AND LONDON Sts. 1-story and basement frame dwelling.
Owner—J. P. Cuneo, 5079 Mission St., San Francisco.
Plans by owner. $4000

FLATS
(2733) W CHURCH 114 S Duncan. 2-story & basement frame (2) flats.
Owner — James T. Chabasey, 1572-A Church St., San Francisco.
Architect—None. $5800

BUILDINGS.
(2734) SE. 16TH AVE. AND LINCOLN Way., 100 on 16th Ave. x 52:6 on Lincoln Way. Three 1-story frame buildings.
Owner—Elling & Nanna Ellingson, 180 Jessie St., San Francisco.
Architect—None.
Contractor—E. Ellingson, 180 Jessie St., San Francisco.
Filed, July 11, 1923. Dated July 9, 1923.
Frame up $3000
Brown coated 3000
Completed and accepted 3000
Usual 35 days after 3000
TOTAL COST $12,000
Bond, none. Sureties, none. Forfeit, none. Limit, 90 days after July 10.
Plans and specifications, none.

ALTERATIONS.
(2735) 248 10TH AVE. Alterations to frame building.
Owner—Julius and Silian Lindner, 248 10th Ave., San Francisco.
Architect—None.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Contractor—Ira W. Coburn, 712 Hearst Bldg., San Francisco.
Filed July 11, 1923. Dated, July 10, 1923
Completed and accepted $1765
Usual 35 days after 575
TOTAL COST $2300
Bond, 50% of contract. Sureties, A. W. Read, George Rehn. Forfeit, $5 day. Limit, 35 days. Plans, none. Specifications filed.

REPAIRS
(2736) NO. 618 SAN BRUNO AVE. Repair fire damage to dwelling.
Owner—John Figano, Premises
Architect—None.
Contractor—L. Solomon, 1430 Ellis St., San Francisco. $3000

ALTERATIONS
(2737) NO. 566 EIGHTH AVE. Raise dwelling for basement garage; underpinning; concrete work, etc.
Owner—W. C. Yates, Premises.
Architect—None.
Contractor—Orrin Knox, 543 Balboa St., San Francisco. $1250

DWELLING
(2738) NO. 1330 FORTY-SECOND AVE. Shingle roof and walls of dwelling.
Owner—Mr. and Mrs. E. Mortensen, Premises.
Architect—None.
Contractor—C. Wengard, 1286 34th Ave., San Francisco. $3900

ALTERATIONS
(2739) NW OCTAVIA & McALLISTER cement work; carpentry; plumbing; electric work; plastering, etc., dwelling and stores.
Owner—Emile Pissis, Pleasant and Taylor Sts., San Francisco.
Architect—Morris M. Bruce, Flood Bldg., San Francisco.
Contractor—H. D. Nichols, 1381 Stevenson St., San Francisco. $8500

DWELLING
(2740) NW AVALON AND MADRID. One-story and basement frame dwelling.
Owner—Bertha Gronholz, 95 Lisbon St., San Francisco.
Designer—Woodward Wethered, State Hotel, Turk and Mason Sts., S. F.
Contractor—Woodward Wethered State Hotel, San Francisco. $2000

DWELLING
(2741) N AVALON AVE 250 W Madrid One-story and basement frame dwelling
Owner—Bertha Gronholz, 95 Lisbon St., San Francisco.
Designer—Woodward Wethered, State
Contractor — Woodward, State Hotel, San Francisco. $2000

RESIDENCE
(2742) E THIRTY-SIXTH AVE 150 S Clement. Two-story and basement frame residence.
Owner—Mrs. M. P. Hill, 1595 Clay St., San Francisco.
Architect—E. Williams, 1037 Broadway, San Francisco.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco. $6500

FOOTINGS
(2743) MISSION, FIFTH, MINNA AND Mary. Construct 112 concrete footings for publishing plant.
Owner — Chronicle Publishing Co., Chronicle Bldg., San Francisco.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.
Contractor—K. E. Parker Co., Clunie Bldg., San Francisco. $19,600

STEEL FRAME
(2744) SANSOME STREET (Sansome Street Garage.) Steel frame in basement of garage building.
Owner—H. de W. Kittle, Nevada Bank Bldg., an Francisco.
Architect—Kenneth MacDonald Jr., and Maurice C. Couchot, 234 Pine St., San Francisco.
Contractor—The Western Iron Works, 141 Beale St., San Francisco.
Filed July 12, 1923. Dated July 11, 1923
Completed and accepted $5098
TOTAL COST, $5098
Bond, Sureties, Forfeit, Limit, Specifications, none; Plans filed.

ALTERATIONS
(2745) NO. 305 BOCANA. Alter dwelling and enlarge light wells; new plumbing; interior plastering, etc.
Owner—Carl Frank, Premises.
Architect—None.
Contractor—C. Lindberg, 257 Surrey St., San Francisco. $4900

ALTERATIONS
(2746) SW STOCKTON AND O'FARRELL. New store front; erect stairs to mezzanine floor; plumbing, etc.
Owner—Abrams Co., 51 Stockton St., San Francisco.
Architect—None $2500

ADDITION
(2747) NO. 5718 GEARY. Add 3 rooms and bath to store.
Owner—G. Firpo, 5748 Geary St., San Francisco.
Architect—None.
Contractor—F. Rossi, 1799 Filbert St., San Francisco. $2000

DWELLING
(2748) E THIRTY-FIFTH AVE 200 N Balboa. One-story and basement frame dwelling.
Owner—C. Erickson, 1467 Church St., San Francisco.
Architect—None. $2500

DWELLING
(2749) W KANSAS 25 S Twentieth. Two-story and basement frame dwelling.
Owner—N. Coznesoff, 638 Rhode Island St., San Francisco.
Plans by Contractor.
Contractor—George Bordin, 1530 Sanchez St., San Francisco. $2000

DWELLINGS
(2750) W THIRTY-NINTH AVE 125 and 150 S Geary. Two one-story and basement frame dwellings.
Owner—M. M. Bew, 535 39th Ave., San Francisco.
Architect—A. I. Mathieson, 580 12th Ave., San Francisco.
Contractor—Geo. E. Bew, 535 39th Ave., San Francisco $4800 each

ORGAN ROOM
(2751) N MARKET bet. Powell and Mason. Construct organ room.
Owner—Universal Film Exchange, 936 Market St., San Francisco.
Architect—None.
Contractor—Moses Fisher, 711 Mission St., San Francisco. $1000

DWELLING
(2752) W TWENTY-FIFTH AVE 125 N Cabrillo. One-story and basement frame dwelling
Owner—J. O. Maxon, 247 Montgomery St., San Francisco
Architect—None. $4000

DWELLING
(2753) E TWENTY-FIRST AVE 100 N Kirkham. One-story and basement frame dwelling.
Owner—H. G. McLaughlin, 187 Downey St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000

APARTMENTS
(2754) S PINE 137-6 W Taylor. Six-story and basement concrete (35) apartments.
Owner—George L. Fish, 1001 Pine St., San Francisco.
Architect—F. W. Quandt Humboldt Bk. Bldg., San Francisco $90,000

ALTERATIONS
(2755) NO. 670 FOLSOM. Remove flooring in 4th floor and replace with new flooring; new girders, etc.
Owner—Western Electric Co., Prem.
Plans by Company Engineers.
Contractor—W. G. Thornally, 357 12th St., Oakland. $15,900

GARAGE
(2756) S O'FARRELL 68-9 E Taylor. Two-story Class B concrete garage
Owner—Laurence Barrett, 415 Taylor St., San Francisco.
Architect — Sylvain Schnaittacher, 233 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $40,000

HOTEL
(2757) NW TAYLOR & O'FARRELL. Twelve-story and basement concrete Class A hotel.
Owner—M. A. Little, 535 Geary St., San Francisco.
Architect—Edward E. Young, 2002 California St., San Francisco $250,000

COTTAGE
(2758) W MIRAMAR AVE — S De Montford Ave. All work for frame cottage.
Owner—L. J. and Annie M. Ginder, 251 Miramar Ave, San Francisco.
Architect—None.
Contractor—John R. Morrison, 3232 21st St., San Francisco.
Filed July 13, '23. Dated June 30, '23.
Frame up .....$ 927.50
Roof on 927.50
Brown coated 927.50
Completed 927.50
Usual 35 days..... 1236 25
TOTAL COST, $4947.00
Bond, none. Limit, 90 days after July 5, 1923. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(2759) E SHRADER about 30 from Carmel. All work for one-story and basement frame building.
Owner—Thos. L. Tobin, 316 Willard St., San Francisco.
Architect—None.
Contractor—Robert F. Kelly, 57 Grattan St., San Francisco.
Filed July 13, '23. Dated June 21, '23.
Ready for plaster.....$1200
Plastering finished 1200
Completed and accepted..... 1200
Usual 35 days..... 1200
TOTAL COST, $4800
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

ALTERATIONS FOR STORE.
(2760) W. MISSION, 137.6 N. 22nd. General reconstruction and alterations for department store.
Owner—Kiel Estate.
Architect—F. W. Quandt, Humboldt Bank Bldg., San Francisco.
Contractor—Stockholm & Son, Monadnock Bldg., San Francisco $100,000

REMODEL FLATS.
(2761) SE. UTAH AND 25TH STS. Remodel (2) flats.
Owner—F. & J. Nielsen Bros., 2350 Bryant St., San Francisco.
Architect—None. $1600

DWELLING.
(2762) E. 11TH AVE., 175 N. Lawton. One-story and basement frame dwelling.
Owner—Carl A. Carlson, 1417 5th Ave., San Francisco.
Architect—None. $3000

FACTORY.
(2763) E. DORE, 275 N. Folsom. One-story concrete factory.
Owner—Geo. A. Clough.
Engineer and Contractor—J. H. Hjul, 1342 Mission St. $8000

RESIDENCE.
(2764) LOT 23, BLOCK 25 (Santa Marcus Way), St. Francis Wood. Frame residence and garage.
Owner—Dr. Maurice Heppner, Butler Building.
Managers of Construction—Morrow & Garren, Chronicle Bldg.
Filed, July 12, '23. Dated, April 21, '23.
In advance $500
Balance payments 75% each mo. not to exceed at completion the total of $5508.75.
Usual 35 days after, balance $1836.25
TOTAL COST, $7845
Bond, none. Sureties, none. Forfeit, none. Limit, 120 days. Plans and specifications filed.

FLATS & GARAGE.
(2765) S. BAY, 225 E. OCTAVIA. Frame flats and garage.
Owner—John C. and Louise J. Becker, 2028 Green St., San Francisco.
Architects and Managers of Constr.—Morrow and Garren, Chronicle Building.
Filed, July 12, '23. Dated, July 12, '23.
Frame completed $3000
Plastered 3000
Completed and accepted 3000
Usual 35 days after 3000
TOTAL COST, $12,000
Bond, none. Sureties, none. Forfeit, none. Limit, none. Plans and specifications filed.

FURN. STRUCT. STEEL. FOR BLDG.
(2766) S. SUTTER, 70 E. LARKIN, E. 125 x S 110.8, S 26.10, W 165, N 137.6. Furn. structural steel for a 10-story and basement steel frame reinforced concrete medical college.
Owner—Dr. Albert Abrams.
Plans by Mel I. Schwartz (Architecture & Construction Management), Nevada Bank Bldg., San Francisco.
Contractor—Schrader Iron Works, 1247 Harrison St., San Francisco.
Filed, July 12, '23. Dated, June 29, '23.
2nd floor beams erected $9000
4th floor beams erected 8280
6th floor beams erected 7000
8th floor beams erected 7000
Completed and accepted 7000
Usual 45 days after 12500
TOTAL COST, $50,780
Bond, none. Sureties, none. Forfeit, 25 days. Limit, 145 days. Plans and specifications filed.

(2767) Erection of structural steel on Above.
Filed, July 14, '23. Dated, June 29, '23
2nd floor beams in place.....$2000
4th floor beams in place..... 2000
6th floor beams in place..... 1500
8th floor beams in place..... 1000
Completed and accepted 1000
45 days after completion 2500
TOTAL COST, $10,000
Bond, none. Sureties, none. Forfeit, $25. Limit, 75 days. Plans and specifications filed.

(2768) Excavating, reinforced steel and Concrete Work on Above.
Contractor—John Spargo, Russ Bldg.
Filed, July 14, '23. Dated, June 26, '23.
Excavating completed, foundations and footings poured.$10000
1st floor stub poured..... 5500
2nd floor slab poured..... 5500
3rd floor slab poured..... 5500
4th floor slab poured 5500
5th floor slab poured..... 5500
6th floor slab poured..... 5500
7th floor slab poured 5500
8th f loor slab poured..... 5500
Completed and accepted... 6987.50
45 days after completion... 25662.50
TOTAL COST, $86,650
(Const. sidewalk fronting property $500)
Bond, $ 45,000. Sureties, Thos. H. Price and Theodore De Patt. Forfeit, none. Limit, 180 days. Plans and specifications filed.

FRAME FLATS
(2769) E TWENTIETH AVE 225 S Anza. Two-story and basement frame (2) flats
Owner—J. M. Schlesinger.
Architect—None.
Contractor—P. Algot Nelson, 355 Oak St., San Francisco. $12,000

FRAME FLATS
(2770) SW FLORIDA AND TWENTY-sixth. Two-story and basement frame (4) flats.
Owner—L. Landes.
Architect—None.
Contractor—Louis Johnson, 2260 19th Ave., San Francisco. $13,800

SHOP
(2771) N FOLSOM 325 E Sixth. One-story concrete shop.
Owner—Butte Elec. & Mfg. Co., 534 Folsom St., San Francisco.
Plans by Owner. $7800

ALTERATIONS
(2772) NO. 59-61 NORTON. New roof; general alterations for flats.
Owner—G. Beroldo, 61 Norton St., San Francisco.
Architect—None.
Contractor—G. Carraro, 750 Felton St., Son Francisco. $3000

FRAME FLATS
(2773) W FIFTEENTH AVE 50 N Judah W 100xN 25. All work for two-story and basement frame flat building.
Owner—Andrew D. and Eugenia Cuneo.
Architect—John E. McCarthy.
Contractor—John E. McCarthy, 1479 12th Ave., San Francisco.
Filed July 16, '23. Dated July 14, '23.
Frame up $2766.25
Brown coated 2766.25
Completed and accepted..... 2766.25
Usual 35 days..... 2766.25
TOTAL COST, $11,065.00
Bond, $5500. Surety, Chas. J. McCarthy and P. J. Sullivan. Limit, 90 days after July 13, 1923. Forfeit, none. Plans and specifications filed.

CONCRETE WORK
(2774) PITY BDED BY MISSION, Fifth, Mary and Minna. Concrete work for building for Chronicle Publishing Co.
Owner—Ortega Investment Co.
Architect — Weeks & Day, California Insurance Bldg., S. F.
Contractor—K. E. Parker Co., Clunie Bldg., San Francisco.
Filed July 16, '23. Dated July 16, '23
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $19,600
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS.
(2775) NE. O'FARRELL and Larkin. Alterations for stores.
Owner—John Woebcke, 2686 Bush St., San Francisco.
Architect—None.
Contractor—Meuster & Bornholdt, 1530 Broderick St. $3000

GARAGE.
(2776) 708-10 CAPP ST. Excavate and concrete work for private garage.
Owner—J. Smith, San Lorenzo, Calif.
Architect—None.
Contractor—A. Salaba, 500 Gates St., San Francisco. $1025

FLATS.
(2777) W. 24TH AVE., 100 N. Fulton. Two-story and basement frame (2) flats.
Owner—Hinkel Bros., 1204 Castro St., San Francisco.
Architect—None. $5000

DWELLING.
(2778) E. GRANADA, 200 S. Ocean ave. Two-story frame dwelling.
Owner—J. Burke, 258 Granada St., San Francisco.
Architect—None. $3500

DWELLING.
(2779) W. HANOVER, 80 N. LOWELL. One-story and basement frame dwelling.
Owner—Harry C. Pinkerton, Jr., 157 Bellevue Ave., San Francisco.
Plans by owner. $3000

DWELLING.
(2780) W. 21ST AVE., 200 S. Irving. One-story and basement frame dwelling.
Owner—Wm H. Hugo and Louise B. Hugo, 334 Pierce St., San Francisco.
Architect—None.
Contractor—H. S. Meinberger, 5720 California St. $5800

DWELLING.
(2781) W. PLYMOUTH, 100 S. Holloway. One-story and basement frame dwelling.
Owner—Henry Erickson, 1825 Church St., San Francisco.
Architect—None $2500

FLATS
(2782) N FILBERT 100 E Baker. 2-story and basement frame (2) flats
Owner—W. W. Rednall, 2500 Filbert St. San Francisco.
Plans by owner. $12,000

APARTMENT
(2783) E. POLK 50 S Chestnut, 3-story and basement frame (6) apartments
Owner—Jennie Perry, 1332 Lombard St., San Francisco.
Plans by owner.
Contractor—The Helbing Co. 1332 Lombard St., S. F $16,000

STUCCO FRONT.
(2784) 821 LINCOLN WAY. Raise Laundry; stucco front.
Owner—Toulouse Bros 821 Lincoln Way., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $2500

INSTALL ELEVATOR.
(2785) 680 HOWARD ST. Install freight elevator (store and loft).
Owner—E. N. Fritz, Jr., 1401 Masonic Ave., San Francisco.
Architect—None.
Contractor—James Jensen, 3495 17th St., San Francisco. $1900

DWELLING.
(2786) E. 5TH AVE., 75 N. Kirkham. Two-story and basement frame dwelling.
Owner—Alpheus Duffee, 685 Dolores St., San Francisco.
Architect—None $3000

BUILDING.
(2787) E. CASTRO, 55 N. 20th, N. 30 x E. 125 2-story and basement frame building.
Owner—John J. and Alice I. Sweeney, 4115 19th St., San Francisco.
Architect—None.
Contractor—Olson & Persson, 289 Fell St., San Francisco.
Filed, July 17, '23. Dated, July 16, '23.
Frame up and roof boards on...$3000
Ready for inside plaster..... 3000
Plastering finished 3000
Completed and accepted 2625
Usual 35 days after 3875
TOTAL COST, $15,500
Bond, none. Sureties, none. Forfeit, none. Limit, 100 days Plans and specifications filed.

CARPENTRY FOR BLDG.
(2788) E. POWELL, 92.6 N. Sutter. E. 85 x N. 45. Rough and finish carpentry, concrete and forms for 3-story and basement class C bldg.
Owner—Chamberlain & Proctor, Mills Bldg., San Francisco.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St, San Francisco.
Filed, July 17, '23. Dated, July 7, '10.
Payment on 1st and 15th ea. mo..75%
Usual 35 days after 25%
TOTAL COST, $26,839
Bond, none. Sureties, none. Forfeit, none. Limit, 630 days. Plans and specifications, none.

LATHING & PLASTERING.
(2789) S. JACKSON, 124-3 E. Franklin, E. 56.3 x S. 127-8¼. Lathing and plastering for apt. bldg.
Owner—E. H. Brownstone and I. R. Kissel, 1540 Polk St., San Francisco.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Francis O'Reilly, 180 Jessie St., San Francsico.
Filed July 17, '23. Dated, May 5, '21.
Payments monthly 75%
Usual 35 days after 25%
TOTAL COST, $11,898
Bond, $5949. Sureties, Fidelity & Deposit Co Forfeit, $10. Limit, Sept. 1, 1923. Plans and specifications filed.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. — Junction Valencia
24 VAN NESS AVENUE — Near Market
Phone Market 8926

ALTERATIONS.
(2790) 670-80 FOLSOM ST. Alterations to 4th floor and roof for bldg.
Owner—Western Electric Co., Inc., Premises.
Architect—None.
Contractor—W. G. Thornalley, Webster Bldg., Oakland.
Filed July 17, '23. Dated July 12, '23
On 1st of each month..... 75%
Usual 35 days after 25%
TOTAL COST, $15,496
Bond, none. Sureties, none. Forfeit, none Limit, 85 days. Plans and specifications filed.

FINISH FLATS & RESIDENCE.
(2791) SW MIRANDA GRANT AND Lyon, W. 92.07, N 277.87, E. 57.9, S 279.84. Inside finish for 5 flats and 1 residence.
Owner—Carlo Matraia, 747 New Call Bldg, San Francisco.
Architect—August G. Headman, 747 New Call Bldg, San Francisco.
Contractor—Fontanella & Teza, 41 Sheridan St., San Francisco.
Filed, July 17, '23. Dated, July 12, '23.
Payments weekly of 75
Payments weekly of 75%
Usual 35 days after .....Balance
For not exceeding $7,470 contr. to
TOTAL COST, $—
receive 10%.
Bond, $3735. Sureties, Al McBoyle, Jas. Harmill Forfeit, none. Limit, as soon as possible. Plans and specifications filed.

ALTERATIONS
(2792) SW CHURCH AND DAY. All work for alterations to building.
Owner—John P. Crosgrove, 1294 Treat Ave., San Francisco.
Architect—None.
Contractor—Mager Bros., 5326 Geary St., San Francisco.
Filed July 17, '23. Dated July 16, '23.
When priming coat on and brown coated 50%
On completion .....Balance
TOTAL COST, $3250
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(2793) N GREEN 156-7 4-5 W Van Ness Ave. W 27-6 x N 137-6. All work for 3-story and basement frame apartment building.
Owner—Lucie Lamoure, 1532 Green St., San Francisco.
Architect—Albert J. Fabre & Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor—Pene & Hodges, 1230 Folsem St., S. F.
Filed July 17, 1923. Dated July 2, 1923.
2nd story joists in $2500
Ready for roofing 4500
Rough coat plaster on..... 6000
Completed and accepted 6000
Usual 35 days 6345
TOTAL COST, $25,374
Bond, 12,687; Sureties, J. B. Pene, N. Cazenave; Forfeit, $20; Limit, $90 days; Plans and specifications filed.

RESIDENCE
(2794) W 21ST AVE., 200 S 21st Ave. S 25 x 120. All work for 1-sto. and garage residence.
Owner—Mr. H. and Louise B. Hugo, 334 Pierce St., San Francisco.
Architect—None.
Contractor—H. S. Meinberger 5720 California St., San Francisco.
Filed July 17, 1923. Dated July 14, 1923.
Rough frame up $1590
Brown coated 1590
Completed and accepted 1590
Usual 35 days 1590
TOTAL COST, $6360
Bond, $1590; Sureties, Val Meinberger; & A. P. Behm. Forfeit, none. Limit, 100 days after July 23. Plans and specifications filed

RESIDENCE
(2795) S 25 FT LOT 5 & N 25 FT LOT 6 Blk 1 St. Francis Wood Extn. No. 1. All work for 2-story frame residence and garage.
Owner—St. Francis Wood Co., 278 Post St., San Francisco.
Architect—Harold G. Stoner, 1st Natl. Bank Bldg., San Francisco.
Contractor—Boxton & Zwieg, Flatiron Bldg., San Francisco.
Filed July 17, '23. Dated July 14 '23.
Frame up $2875
Brown coated 2875
Completed and accepted 2875
Usual 35 days 2875
TOTAL COST, $11,500
Bond, $5750; Sureties, E. C. & O. M. Hueter; Forfeit, none; Limit, Dec. 14, 1923; Plans and specifications filed.

APARTMENTS
(2796) S CLEMENT 57-6 W Ninth Ave Three-story and basement frame store and (4) apartments.
Owner—Edwin Val Schmidt, 2099 Fillmore St., San Francisco.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco. $17,500

SHOP
(2797) W SEVENTH 105 N Harrison. One-story Class C shop.
Owner—The Lurie Co., 315 Montgomery St., San Francisco.
Architect — O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 185 Stevenson St., S. F. $20,000

FRAME FLATS, ETC.
(2798) E MISSION bet. 25th and 26th. Two-story frame store and flat.
Owner—L. Bocci & Sons, Monument, Colma.
Architect—None.
Contractor—J. Del Favero, 180 Jessie St., San Francisco. $8000

DWELLINGS
(2799) E VIENNA 100 and 125 S France. Two one-story and basement frame dwellings.
Owner—Joseph Novello, 172 Bertita St., San Francisco.
Architect—None $3600 each

CONVENT
(2800) E FOURTEENTH AVE 275 S Irving. Three-story and basement concrete convent.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Shea & Shea, 527 Chronicle Bldg., San Francisco.
Contractor—Pennell & Chisholm, 180 Jessie St., San Francisco. $50,000

DWELLING
(2801) S CABRILLO 90 W Thirty-third Ave. One-story and basement frame dwelling.
Owner—J. F. Dowling, 271 Russ Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

FOUNDATION
(2802) W Polk 81 S Union. Construct concrete foundation for future dwelling.
Owner—Tony Damico, 889 Filbert St., San Francisco.
Architect—None.
Contractor—F. C. Amoroso, 1336 Kearny St., San Francisco. $2000

STOGAGE, ETC.
(2803) N FOURTEENTH 239-11 E Howard. One-story frame storage and living quarters.
Owner—G. W. Thomas Draying Co., 160 First St., San Francisco.
Architect—E. W. Koll, 160 1st St., San Francisco.
Contractor — Buschke & Brown, 185 Stevenson St., S. F $9000

STORE ROOM
(2804) E CLEMENTINA 175 S Eighth. Two-story frame store room for battery box.
Owner—Durkee & Thomas Co., 1238 Folsom St., San Francisco.
Architect—None.
Contractor—Perre & Hodges, 1230 Folsom St., San Francisco. $2600

RESIDENCE
(2805) NO. 3167 TWENTY-THIRD ST. Remodel front of residence.
Owner—John S. Petersen, Premises.
Architect—None. $2500

CHURCH
(2806) NE COLUMBUS AVE & VALlejo E 77-8¼ xN 137-6. Art glass for 19 windows for St. Francis Church.
Owner—The Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect — Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Contractor—Emil Frei Art Glass Co.
Filed July 18, '23. Dated July 18, '23.
Completed and accepted..... 5625
Usual 35 days..... 1875
TOTAL COST, $7500
Bond, $3750. Surety, Fidelity & Casualty Co. of N. Y. Limit, Apr. 1, 1924. Forfeit, $10. Plans and spacifications filed.

RESIDENCE
(2807) N VALLEJO 155 W Pierce. All work for two-story frame residence.
Owner—J. C. Patricio, 1239 Jackson St., San Francisco.
Architect—None.
Contractor—R. A. McLean, 180 Jessie St., San Francisco.
Filed July 18, '23. Dated July 17, '23.
Frame up and roof boards on.$2875
Brown coated 2875
Completed and accepted..... 2875
Usual 35 days after 2875
TOTAL COST, $11,500
Bond, none. Sureties, none. Forfeit, none. Limit, 120 days. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

July 11, 1923—S HOLLOWAY AVE 50 W Faxon Ave W 25xS 100 Lot 32 Blk 22, Lakeview. Max and Mildred A Breitman to James Arnott & Son .....July 10, 1923

July 11, 1923—PTN LOTS 7 AND 12 Blk "D" Park Lane Tract. Frank D Mullin to whom it may concern.....July 10, 1923

July 11, 1923—W JULES AVE 100 S Holloway Ave S 25xW 112-6 Lot 35 Blk 27, Lakeview. The McCarthy Co to James Arnott & Son..... .....July 11, 1923

July 11, 1923—LOT 33 BLK 2837, Forest Hill. Aug J Lang Jr to Jas Arnott & Son.....July 11, 1923

July 11, 1923—W TENTH AVE 108-3 N Cabrillo N 36xW 120. L G Lauray to Pene & Hodges..July 11, 1923

July 11, 1923—W TWENTY-FOURTH Ave 100 S Cabrillo S 25xW 120. Patrick J Feerick to whom it may concern.....July 11, 1923

July 11, 1923—N BALBOA 82-6 W Twenty-second Ave W 75 ——. Edward Coleman to whom it may concern.....July 11, 1923

July 11, 1923—LOT 9 BLK 10, Peoples Hd Ass'n. Rose Chortack to whom it may concern.....July 10, 1923

July 11, 1923—SE MARKET 176-6 NE Sixth NE 49-3xSE 170. Wilson Estate Co to R J H Forbes..... .....July 3, 1923

July 11, 1923—W ABBEY AND SE Chula Lane S 30-6⅞ W 74-9¾ N 21-7¼ m or l NE 75-4½. Arthur and Barney Quinn to whom it may concern .....July 7, 1923

July 11, 1923—SE EIGHTEENTH & Lapidge 50x70. A H Beetham to whom it may concern..July 11, 1923

July 11, 1923—NW NINETEENTH & Sanchez. Frances M Clark to E Ellingson.....July 11, 1923

July 12, 1923—NW LONDON 150 NE Russ Ave NE 50xNW 75 Lot 6 Blk 4, Ex Hd Ass'n. Francis W Huller to whom it may concern... .....July 12, 1923

July 12, 1923—NO 4715 CALIFORNIA 25x100 bet. 9th and 10th Aves. E H Sherman to Isaac Sweet..... .....June 16, 1923

July 12, 1923—W FORTY-SECOND Ave 25 S Cabrillo S 75xW 90. David Leigh to whom it may concern... .....July 11, 1923

July 12, 1923—S CLEMENT 93-10 E Eighteenth Ave 26-2x100. Niels L Hansen to whom it may concern... .....July 11, 1923

July 12, 1923—W TENTH AVE 125 N Kirkham N 25xW 120. Alphens Duffiee to whom it may concern.... .....July 12, 1923

July 13, 1923—NW HOWARD 275 NE Fifth NW 160xNE 350. Hoyt Investment Co to W S King..... .....July 13, 1923

July 13, 1923—E TWENTY-FOURTH Ave 85 S Cabrillo S 25xE 120. H O Lindeman to W R Lindeman... .....July 12, 1923

July 13, 1923—LOT 1 BLK 3110 Westwood Park. Hans and Esther E Nelson to whom it may concern... .....July 11, 1923

July 13, 1923—W JULES AVE 125 S Holloway Ave S 25xW 112-6 Lot 36 Blk 27, Lakeview. The McCarthy Co to James Arnott & Son..... .....July 12, 1923

July 13, 1923—SW BEAVER AND NW line Lot 37 SW 96 m or 1 NE 90 m or 1 NW 33-4. John D Mowat to whom it may concern..July 11, 1923

July 13, 1923—N NATOMA AND Eighth NW 75xSE 275. Talbot Investment Co to H S Tittle.....July 5, 1923

July 13, 1923—N BROADWAY 137-6 W Octavia W 68-9xN 137-6. The Heights to Adam Arras Co.....July 7, 1923

July 13, 1923—W SIXTEENTH AVE 250 N California. Arthur and Anna Levy to H C Christiansen.July 12, '23

July 13, 1923—N GEARY 68-9 W Taylor W 68-9xN 137-6. O'Brien Kiernan Invst Co to Kiernan & O'Brien.....July 13, 1923

July 13, 1923—N IRVING 95 E 35th Ave E 25xN 100. Henry E Nolan to Sutherlin & Smith.....July 19, 1923

July 13, 1923—COM. 275 S 26th and 75 E York E 25 S 83-2⅝ SW 26-3⅛ m or 1 N 93-3. Albert Sala to Thos F Mitchell.....July 12, 1923

July 14, 1923—S GENEVA AV 200.77 E Madrid. John and Sofia E Carlson to whom it may concern .....July 10, 1923

July 14, 1923—S SACRAMENTO 91-6 W Polk W 63-6 S 127-8 1-4 E M 72-6 N 40 W 9 N 87-8 1-4 right of way S Saramento 82-6 W Polk W 9 x S 87-8 1-4. The Lurie Co to F L Hansen.....July 13, 1923

July 14, 1923—LOTS 12, 13, 14 AND 15 Map McLaughlins Sub Ptn Assessors Blk 1173. W R Voorhies to whom it may concern..... .....July 13, 1923

July 14, 1923—S SUTTER 137-6 W Hyde. Arthur J and Gertrude A Falvey to A J Falvey....July 14, 1923

July 14, 1923—W SHRADER 210-7 S 17th W 178-5 1-2 S 25 E 180-1 3-8 N 25-1. H and Margaret Connett to John E McCarthy.....July 13, 1923

July 14, 1923—E MISSION 181-6 S 26th S 40-9 3-4 m or 1 E to pt 145 Capp N 9 W to beg. Christ and Rade Petrusich to August and Adrian Peterson.....July 13, 1923

July 14, 1923—W CHURCH 225 N Randall N 25 x W 125. Amelia C and Fred C Rock to H S Meinberger.....July 12, 1923

July 14, 1923—SE CABRILLO AND Funston Ave S 32-6xE 92-6. Sarah A Kidder to C F Barker..... .....July 14, 1923

July 16, 1923 — E STEINER 128 N Sacramento N 37-6 x 118-9. John Kingston to whom it may concern .....

July 16, 1923—S TURK 125 E Arguello Blvd. E 26-2 S 137-6 W 26-2 N 137-2. Fred A. & Sarah F. Radelfinger to whom it may concern.... .....July 12, 1923

July 16, 1923—228 RANDALL 236 Randall. Mrs. Anna Karlsson to Htnry Erickson .....July 16, 1923

July 16, 1923—S UNION 187-6 W Larkin W 50 x S 137. Axel A. Johnson to whom it may concern..July 14, '23

July 16, 1923—LOT 11 BLK 3 ST. Francis Wood. Marshall Crutchen to A. C. Hamerton.....July 16, 1923

July 16, '23—1450 FOURTY-FOURTH Ave., bet. J & K. Edward Cassidy to T. Sullivan .....July 16, 1923

July 16, 1923—E TWENTY-FIFTH Ave 200 N Fulton N 25xE 120. Bryan Feerick to whom it may concern.....July 16, 1923

July 16, 1923—SE DORE & FOLSOM 60x95. H J De Vries to whom it may concern.....July 10, 1923

July 16, 1923—LOTS 37 AND 38 BLK 27, Lakeview. Jas A Arnott to Jas A Arnott & Son....July 12, 1923

July 16, 1923—SW LARKIN & UNION S 45-10xW 137-6. J. Harold John - son and L J Neal to whom it may concern.....July 16, 1923

July 16, 1923—NO. 778 TWENTY-ninth Ave E line 90 N Cabrillo; No. 770 29th Ave E line 140 N Cabrillo. J Harold Johnson to whom it may concern.....July 16, 1923

July 16, 1923 W EIGHTEENTH AVE 350 N Fulton N 25x120 No 739 741 18th Ave. Edward E Manseau to Edward E Manseau.....July 14, 1923

July 17, 1923—E LOUISANA extended 33 S from S 22nd E 63 N 78 E 25 N 75 W 88 S 153. Pacific Gas & Electric Co to C E Darling.....July 13, 1923

July 17, 1923—SW YERBA BUENA Ave 381.86 SE from W Santa Paula SE 10° 02' 15" W 100 NW 29.24 N 20° 35' 36" E 100. Homes Loan Corp to Moore & Madsen.....July 16, 1923

July 17, 1923—E TWELFTH AVE 175 S Cabrillo S 25xE 120. Lily J Cory to John Little & Son.....July 17, 1923

July 17, 1923—W SIXTEENTH AVE 150 S Judah S 25xW 120. Yates & Cooke to Walter H Yates.....July 17, 1923

July 17, 1923—SW GREEN AND Polk S 23-6xW 84-6. Nick Schultz to Niels Schultz.....July 17, 1923

July 17, 1923—N GRAFTON AVE 100 E Capitol Ave E 25xN 100. The McCarthy Co to James Arnott & Son.....July 13, 1923

July 17, 1923—SW TWENTY-THIRD Ave and Geary W 82-6xS 50. Matthies & Gale to whom it may concern.....July 16, 1923

July 17, 1923—W CHURCH 26 S Army S 24xW 80. Harriet Rose Parker to whom it may concern.....

July 17, 1923—SW CHURCH AND Army S 26xW 80. Ward C Brown to whom it may concern.....

July 17, 1923—SW MIRANDA GRANT and Lyon W 92.07 N 277.97 E 57-9 S 279.84. Carlo Matraia to H W Jensen.....July 7, 1923

July 18, 1923—NO. 830 GRANT AVE. S Y Fong to W J Stevens.July 17, '23

July 18, 1923—S GROVE 150 W Scott S 100xW 50. Schainman Realty Co to Strand & Strand....July 9, 1923

July 18, 1923—N TWENTY-FIRST 140 W Guerrero 25x114. Chas H Annis Jr to A R Johnson.....July 18, 1923

July 18, 1923—NW ANZA AND Thirty-eighth Ave N 175 W 120 S 75 E 37-6 S 100 E 82-6. Meyer Bros to whom it may concern.July 14, 1923

July 18, 1923—W FORTIETH AVE 175 S Cabrillo 25x120; E Forty-first Ave 100 N Fulton 25x120. Dominic Tiscornia to whom it may concern.....July 17, 1923

July 18, 1923—West side Beacon St., 125 ft. South of Excelsior Boulevard. Mrs. A. B. Glasier to A Lindgren .....June 23, 1923

July 18, 1923—NW VIENNA 225 SW France Ave SW 50xNW 100 Ptn Lot 7 Blk 58, Excl Hd. John and Annie Miller to whom it may concern.... .....July 18, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
July 11, 1923—SW CABRILLO AND Fourteenth Ave S 25xW 100. John Z Tingberg vs Nels P Johnson..	$330
July 11, 1923—S BUSH 190 E Pierce E 36-6xS 137-6. H Karp & Son vs Annie and Gust Berndt and George A Williams.....	$420
July 12, 1923—NW VAN NESS AVE and Bush N 60xW 100. Charles L E Kelly vs P E Blalach and A L Stone	$348.12
July 14, 1923—NO. 840 TAYLOR. Reliable Plumbing and Heating Co vs Annie Force	$800.37
July 14, 1923—S BUSH 186 W Steiner W 36-6 — 137-6 — 137-6 E 36-6 N 137-6 No. 2345 Bush. Y Matsuo vs Gus and Anna Brandt and Geo A Williams	$430
July 17, 1923—W FOLSOM 40-3¾ N Twenty-third N 22-8¼ W 80 S 23-5¼ E 81. J H Kruse vs Le Blanc Co, Edwin Cupman, Bertha Cupman, Henry and Sallie Carroll	$193.79
July 17, 1923—E TWENTIETH AVE 200 N Irving N 25xE 120. Atlas Heating & Ventilating Co vs Jas C andd Florence E Gibson and Betty Lindbeck	$124.90
July 17, 1923—SE LINCOLN WAY & Forty-third Ave 32-6x100. Andrew J Phillips vs J C Gibson, Ralph and Hazel M Ellis.....	$91.25
July 18, 1923—W SEVENTEENTH AV 137-4 S Lake 28x120. The Greater Lumber Co vs Annie L Russell, Wm Davis and The Davis Repair Co..	$437
July 18, 1923—LOT 43 BLK 1846 fmly Sunset Blk 762. The Greater Lumber Co vs M Weissman and R A Castenado	$25
July 18, 1923—E TWENTIETH AVE 200 N Irving E 120xN 25. S Jenkins and E L Howard vs J C Gibson..	$165
July 18, 1923—N NINETEENTH 121-4 W Douglas W 85-4 NW 21-4¾ N 116-0¼ E 21 S 6 E 85-4 S 114 part of San Miguel Rancho and part of Lot 36, Clover Heights dist S 108 fm S Caselli Ave and dist W 489-10 W Douglas W parl with S Caselli Ave 292-2 S 92 to N 13th E 229-2 N 92 ptn of San Miguel Rancho. Yates & Co, $585.29; J L Ash & Co, $721.37 vs James C Gibson.....	
July 18, 1923—E NINETEENTH AVE 50 N Judah N 50xE 95. J L Ash & Co vs James C Gibson.....	$190.24

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
July 12, 1923—NE 21 FT. LOT 22 and SW 16 ft. Lot 21 Blk 3, Forest Hill. Carl Stendell to Fred H and Alice M Field	
July 17, 1923—SW CABRILLO AND Fourteenth Ave S 25xW 100. John Tingberg to Nels P Johnson....	$330

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

July 17, 1923—LOT 2 BLK 1, St. Francis Wood Extn No. 1. St. Francis Wood Co to Boxton & Zwieg.....July 12, 1923

BUILDING CONTRACTS

ALAMEDA COUNTY

The following is an index for the contracts in this issue.

No.	Contractor		Amt
3203	P. G. & E. Co.	Owner	31000
3204	Gallagher	Owner	1000
3205	Gowdry	Koester	2000
3206	Fraters	Gala	6000
3207	Waters	Walkers	9500
3208	Grant	Allan	3000
3209	Minrale	Passarino	5000
3210	Metcalf	Owner	1500
3211	Sanford	Owner	1500
3212	Sousa	Rose	3500
3213	Johansen	Hagain	4000
3214	Chambers	Owner	3500
3215	Morrill	Peters	5500
3216	Bartlett	Owner	3000
3217	Grover	White	1950
3218	MacGregor	Same	2900
3219	MacGregor	Same	2750
3220	Dondo	Malmstrom	4000
3221	Oakley	Sorensen	2765
3222	Berkeley	Sorensen	7942
3223	Tingley	Greene	3700
3224	Wilsen	Tuffe	5000
3225	Rose	Woodworth	4500
3226	Goudy	Koester	—
3227	Berry	Westlund	6500
3228	Plumb	Fedt	9000
3229	Pierotti	Perona	20000
3230	Gresham	Butzbach	3800
3231	Bolger	Owner	1500
3232	Dowling	Owner	7000
3233	Haines	Van Harn	1000
3234	Lee	Owner	1250
3235	Blandow	Owner	1000
3236	Breman	Flittner	4350
3237	Joines	Owner	2400
3238	Flittner	Owner	4000
3239	Bowler	Bruck	2000
3240	Tumfich	Robinson	3650
3241	Newman	Owner	2000
3242	Muller	Flittner	4000
3243	Desmond	Cushman	4000
3244	Bowers	Dolan	4970
3245	Meyers	Runnels	3200
3246	Pagani	Chiocele	1600
3247	Kennedy	White	4680
3248	Werner	Owner	2000
3249	Sagal	Owner	1000
3250	Hand	McDowell	3500
3251	Colte	Molley	6000
3252	Arcadia	Leiter	1500
3253	Gardner	Jackson	2000
3254	Breitkoff	Owner	1200
3255	Alameda Inv.	Owner	16500
3256	Ferguson	Owner	3500
3257	Beari	Beari	2500
3258	Alameda	Owner	8250

3259	McReynolds	Anderson	13000
3260	Abbott	Parker	14561
3261	Jackson	Moller	2914
3262	Brayton	Conner	6500
3263	Muller	Flittner	4000
3264	Olson	Owner	4600
3265	Gill	Steffen	3500
3266	Marcus	Stewart	1500
3267	Arrouzet	Owner	1000
3268	Norris	Owner	2500
3269	Cogonno	Short	5800
3270	Conado	Garella	3200
3271	Wolf	Peterson	20000
3272	Ananas	Merritt	4500
3273	Gant	Allan	3550
3274	Van Berken	Denton	4500
3275	Guern	Rose	1000
3276	Pock	Pratt	1000
3277	Gede	Owner	5000
3278	Jewett	Brennan	3500
3279	MacArthur	MacArthur	7000
3280	Johnson	Brownell	1250
3281	Lalsilnama	Owner	2350
3282	Sundin	Owner	1800
3283	Maslin	Crane	6500
3284	Ellison	Norris	3500
3285	Peterson	Francisco	3350
3286	Bokaland	Owner	2500
3287	Hillen	Owner	4250
3288	Boyle	Hillen	5000
3289	Smich	Hillen	5600
3290	Denball	Kelly	3000
3291	Capellini	Campomenosi	4000
3292	Olsen	Neergard	8300
3293	Winther	Owner	2750
3294	Glover	Venn	1000
3295	Roso	Owner	1500
3296	Best	Peterson	5000
3297	Nittler	Owner	3300
3298	Contractors Ex.	Shipman	10000
3299	Anderson	Owner	3500
3300	Marquis	Owner	5700
3301	Claremont	Knowles	27000
3302	Alameda Inv. Co.	Owner	13750
3303	Fennelly	Fennelly	4250
3304	Frier	La Fense	3200
3305	Andrews	Stolte	3250
3306	Fisher	Gaubert	4500
3307	Naro	Orton	3210
3308	Walker	Taylor	2100
3309	Andrew	Owner	5000
3310	King	Bristol	2850
3311	Rodning	Owner	5500
3312	Dolan	Owner	1800
3313	Todd	Owner	3000
3314	Bond	Larnier	3850
3315	Youse	Owner	1500
3316	Marquis	Owner	4600
3317	Arneson	Owner	3000
3318	Saroni	Pond	22800
3319	King	Bristol	2850
3320	Stratford	Frostholm	10000
3321	Smith	Hillen	5600
3322	Boyle	Hillen	5600
3323	Olsen	Neegaard	8308
3324	McGuinness	Owner	5000
3325	Pflisher	Schmidt	1500
3326	Mantell	Hohn	4000
3327	Sims	Owner	12000
3328	Childers	Sime	3500
3329	Farmer	Owner	2500
3330	Woodburn	Owner	5000
3331	David	Owner	5000
3332	Muther	Owner	4500
3333	Pfrang	Owner	10000
3334	Reilly	Barnes	2150
3335	De Kurmaker	Owner	1000
3336	Burks	Marshall	15000
3337	Simon	Bold	5900

SUB-STATION
(3203) E FIFTIETH AVE S Clark, Oakland. 1-story concrete and steel frame sub station.
Owner—Pac. Gas & Elec. Co., 445 Sutter St., San Francisco.
Architect—None. $31,000

ALTER & ADDITION
(3204) 3600 HIGH ST., Oakland. Alteration and addition.
Owner—J. P. Gallagher, 3600 High St., Oakland.
Architect—None. $1000

DW5LLING
(3205) W FIFTY-FIFTH AVE. 95 E Wentworth, Oakland. 1-story 4-rm. dwelling.
Owner—J. C. Gowdey, 5356 Wentworth Ave., Oakland.
Architect—None.
Contractor—Chas. J. L. Koester & Son, 5356 Wentworth, Oakland. $2000

DWELLING
(3206) W LAKESHORE AVE. 150 N Walla Vista, Oakland. 1-story 6-room dwelling.
Owner—Mrs. M. F. Fraters, 34 Frisble Pl., Oakland.
Architect—None.
Contractor—J. M. Gaha, 5536 Hermosa Ave., Oakland. $6000

FLATS
(3207) S SANTA CLARA AVE 50 W Vale Vista, Oakland. 2-story 16-room flats, 1-story garage.
Owner—Margaret Waters, 3231 Boston Ave., Oakland.
Architect—None.
Contractor—S. C. Walkers, 3231 Boston Ave., Oakland. $9500

DWELLING
(3208) NE COR. HASCUS COURT Blvd. and Arthur St., Oakland. 1-story 5-room dwelling.
Owner—E. W. Grant, Cedar St., Oak.
Architect—None.
Contractor—Mr. Allan, 346 Walsworth Ave., Oakland. $3000

DWELLING
(3209) W DIVISION St. 180 E 38th St. Oakland, 1-story 5-room dwelling.
Owner—S. Minrale, 574 47th St., Oakland.
Architect—None.
Contractor—John Passarino, 5518 San Pablo Ave., Oakland. $5000

ADDITION
(3210) 2418 HIGH ST., Oakland. Addition.
Owner—Harry T. Metcalf, 2418 High St. Oakland.
Architect—None. $1500

DWELLING
(3211) S MART WAY 250 E Lincoln Ave., Oakland. 1-story 4-room dwlg
Owner—S. T. Sanford, 3929 Forest Hill Ave., Oakland.
Architect—None. $1500

ALTERATIONS
(3212) 264 LAKESHORE BLVD., Oakland. Alterations.
Owner—John Sousa, premises.
Architect—None.
Contractor—M. P. Rose, 940 Oxford St., Berkeley. $3500

DWELLING
(3213) SW COR. FIFTY-FIFTH AVE. and Trumbull, Oakland. 1-story 5-room dwelling.
Owner—C. L. Johansen, 2435 73rd Ave., Oakland.
Architect—None.
Contractor—Andrews & Hagain. $4000

DWELLING
(3214) SE COR. TWENTY-FIRST AV. and E-24th St., Oakland. 1-story 5-room dwelling and 1-story garage.
Owner—J. F. Chambers, Plaza Bldg., Oakland.
Architect—None. $3500

STORES
(3215) E PIEDMONT AVE., Bet. 41st and Linda Ave., Oakland. 1-story 7-room class C stores.
Owner—R. B. Morrill, 4154 Piedmont Ave., Oakland.
Architect—None.
Contractor—Fred Peters, 184 Ridgeway Ave., Oakland. $5500

DWELLING
(3216) S HYDE ST 240 E Fruitvale Ave., Oakland. 1-story 5-room dwlg
Owner—Thos. J. Bartlett, 3001 Galindo Oakland.
Architect—None. $3000

DWELLING
(3217) E DOVER ST. 300 S 51st St., Oakland. 1-story 4-room dwelling.
Owner—Mrs. Grovey, 5030 Dover St., Oakland.
Architect—None.
Contractor—James White, 145 Lake St., Oakland. $1950

DWELLINGS
(3218) 1222-26-28-30 DERBY ST., Berkeley. 4 1-story 6-room dwellings.
Owner—C. M. MacGregor, 622 Hyland Ave., Piedmont.
Architect — Teyhouse MacGregor, 470 13th Oakland. $2900 ea

DWELLINGS
(3219) 1234 1214 DERBY, Berkeley. 2 1-story 5-room dwellings.
(3222) UNIVERSITY & CURTIS (Burbank School). School.
Owner—C. M. MacGregor, 622 Hyland Ave., Piedmont.
Architect—L. MacGregor, 470 13th St., Oakland. $2750 each

DWELLING
(3220) 1321 TAMALPAIS ST, Berkeley 1-story 4-room dwelling.
Owner—M. Dondo, Le Conte Ave., Berkeley.
Architect—None.
Contractor—J. B. Malmstrom, 2326 27th Ave., Oakland. $4000

REPAIRS AND PAINTING.
(3221) TELEGRAPH AVE. and Stuart Willard School. Repairs and painting, new chemical laboratory.
Owner—Berkeley School Dist., 133 Alston Way, Berkeley.
Architect—C. P. Pratt, 2133 Allston Way, Berkeley.
Contractor—W. Sorenson, King St., Berkeley. $2765

SCHOOL.
(3222) UNIVERSITY & CURTIS (Burbank School. School.
Owner—Berkeley School Dist., 2133 Allston Way, Berkeley.
Architect—E. P. Pratt, 2133 Allston Way, Berkeley.
Contractor—Walter Sorrenson, King St., Berkeley. $7942

ADDITION.
(3223) 3000 9TH ST, Berkeley. Addition 2-story 9-room residence.
Owner—C. E. Tingley, 3000 9th St., Berkeley.
Architect—None.
Contractor—S. A. Greene, 210 28th St., Oakland. $3700

DWELLING.
(3224) 1023 SHATTUCK AVE., Berkeley. One-story 4-room dwelling.
Owner—Stuart Wilsen, 357 Perkins St, Berkeley.
Architect—None.
Contractor—Thad M. Tuffer, 2310 Russell St., Berkeley. $5000

ROSE HOUSE & GARAGE.
(3225) 1737 9TH ST., Berkeley. Rose house and pat. garage.
Owner—Chriz Nicholson, 1737 9th St., Berkeley.
Architect—None.
Contractor—P. W. Woodworth, 1301 Blake St., Berkeley. $4500

DWELLING.
(3226) NW. LINE 55TH AVE., Lots 14, 15 and portion lot 10, in Block 27, Map, Melrose Heights, Brooklyn Twp., Alameda Co. One-story 4-room frame dwelling and garage.
Owner—J. C. Goudey.
Architect—None.
Contractor—Chas. J. K. Koester & Son, 378 Hayes St., San Francisco.
Filed July 11, 1923. Dated July 10, 1923.
When frame up $600
When under roof, plaster on..... 600
Final payment of 10% of cost of Bldg. when accepted.
TOTAL COST, $——
Bonds, none. Sureties, none. Forfeit, none. Limit, 90 days. Plans and specifications, none.

SHOP BUILDING.
(3227) NE. COR. OF 26TH AND West St. One-story brick shop bldg.
Owner—David Barry.
Architect—None.
Contractor—Fred J. Westlund, 351 12th St., Oakland.
Filed July 11, 1923. Dated July 11, 1923.
When brick work complete.....$1625
When roof is on 1625
Building complete 1625
Usual 35 days after 1625
TOTAL COST $6500
Bond, none. Sureties, none. Forfeit, none. Limit, 45 days. Plans and specifications filed.

DWELLING
(3228) NO. 5432 CARLTON ST., being Lots 57 and 58 Blk "A" Map Broadway Terrace, Oakland. All work for two-story frame dwelling.
Owner—W. H. and Caroline H. Plumb, 5256 James Ave., Oakland.
Architect—None.
Contractor—Louis Fedt, 528 26th St., Oakland.
Filed July 10, '23. Dated July 6, '23.
TOTAL COST, $9,000
Bond, limit, forfeit, plans and specifications, none.

GARAGE
(3229) NE COR. SIXTH & BROADWay, Oakland. 1-story concrete garage.

Owner—John Pierotti & Sons, 6th & Broadway, Oakland.
Architect—None.
Contractor—John Perona, 567 7th St., Oakland. $20,000

DWELLING
(3230) 417 ATHOL AVE., Oakland. 1-story 5-room dwelling.
Owner—J. L. Gresham.
Architect—None.
Contractor—G. H. Butzback & Sons, 803 E-14th St., Oakland. $3800

DWELLINGS
(3231) S WALNUT ST. 35 & 65 E 100th Ave., Oakland. 2 1-story 3-room dwellings.
Owner—Thos. P. Bolger, 1260 103rd Ave Oakland.
Architect—None. $750 each

DWELLINGS
(3232) S FRISBIE St. 165 & 200 W Walsworth Ave., Oakland. 2 1-story 5-room dwellings.
Owner—Dowling & Geary, 407 Federal Bldg., Oakland.
Architect—None. $3500 each

ALTER & ADDITION
(3233) 1935 TENTH AVE. (rear), Oakland. Alter and add.
Owner—Mrs. C. D. Haines, 1935 10th Ave., Oakland.
Architect—None.
Contractor — D. W. Van Harn, 5935 Muritania, Oakland. $1000

DWELLING
(3234) N SIXTY-FIRST ST. 160 E Canning in rear, Oakland. 1-story 3-room dwelling.
Owner—W. P. Lee, 448 61st St., Oakland.
Architect—None. $1250

ALTER & ADDITION
(3235) 4428-32 E-FOURTEENTH ST., Oakland. Alter and addition.
Owner—Wm. Blandow, 4418 E-14th St. Oakland.
Architect—None. $1000

DWELLING
(3236) 1642 THIRTY-SEVENTH AVE. Oakland. 1-story 6-room dwelling and garage.
Owner—Emma Brennan, 210 Church St. Oakland.
Architect—None.
Contractor—Jas. Flittner, 1700 35th Ave Oakland. $4350

DWELLING
(3237) W SEVENTY-EIGHTH AVE. 549 N E-14th St., Oakland. 1-story 4-room dwelling.
Owner—C. M. Merlin Joines 1225 E-18th St., Oakland.
Architect—None. $2400

DWELLING
(3238) 1648 THIRTY-SEVENTH AVE. Oakland. 1-story 6-room dwelling.
Owner—Jas. Flittner, 1700 35th Ave., Oakland.
Architect—None. $4000

DWELLING
(3239) E ONE HUNDRED SECOND Ave. 164 N E-14th St., Oakland. 1-story 4-room dwelling.
Owner—John Bowler, 137 Anitold, Burlingame.
Architect—None.
Contractor—Theo. Bruck, 1236 40th Av. Oakland. $2000

DWELLING
(3240) 1663 ELEVENTH ST., Oakland. 1-story 6-room dwelling.
Owner—John Tumpich, 1665 11th St., Oakland.
Architect—None.
Contractor—Frank Robinson, 906 Carmel Ave., Berkeley. $3650

DWELLING
(3241) N CLEMENT RD. 280 W Waterhouse Rd., Oakland. 1-story 4-room dwelling.
Owner—E. A. Newman, Clement Rd., Oakland.
Architect—None. $2000

DWELLING
(3242) 1654 THIRTY-SEVENTH AVE. Oakland. 1-story 6-room Dwelling.
Owner—George Muller, 1705 35th Ave., Oakland.
Architect—None.
Contractor—Jas. Flittner, 1700 35th Av. Oakland. $4000

DWELLING
(3243) 5969 CANNING ST., Oakland. 2-story 5-room dwelling.
Owner—T. J. Desmond, 5991 Canning St., Oakland.
Architect—None.
Contractor—C. A Cushman, 1675 85th Ave., Oakland. $4000

DWELLING
(3244) E MIRA VISTA 80 S Bonham Way, Oakland. 1-story 6-rm. dwlg.
Owner—H. M. Bowers, 717 Walker Ave Oakland.
Architect—None.
Contractor — Leo J. Dolan, Syndicate Bldg., Oakland. $4970

BUNGALOW.
(3245) 2446 REGAL ROAD, Berkeley. One-story 5-room bungalow.
Owner—Cora B. Meyers, 2133 University Ave., Berkeley.
Architect—None.
Contractor—Oscar J. Runnels, 2133 University Ave., Berkeley. $3200

BUILDING.
(3246) 1145 HEARST, Berkeley. One-story 4-room building.
Owner—G. Pagani, 2014 17th St., Berkeley.
Architect—None.
Contractor—Pastro Chiocele, 837 Gahean St., Berkeley. $1600

DWELLING.
(3247) 2505 BUENA VISTA AVE., Berkeley. Two-story 6-room dwelling.
Owner—Alma Schmidt Kennedy, 1537 Euclid Ave., Berkeley.
Architect—B. R. Maybeck.
Contractor—W. H. White, 1148 Euclid Ave., Berkeley. $4680

DWELLING.
(3248) 1450 KANIS, Berkeley. One-story 5-room dwelling.
Owner—Charles A. Werner, 2416 10th St., Berkeley.
Architect—None.
Contractor—Same. $2000

COTTAGE.
(3249) 1610 CORNELL, Berkeley. One-story 4-room cottage.
Owner—J. B. Sagal, Mary H Sagal, 1610 Cornell Ave., Berkeley.
Architect—None.
Contractor—Same. $1000

DWELLING.
(3250) S. WENTWORTH AVE., 105 W. 55th Ave., Oakland. One-story 5-room dwelling.
Owner—Owen Hand, 625 10th St, Oakland.
Architect—None.
Contractor—Samuel McDowell, 3539 Mangel St., Oakland. $3500

DWELLING.
(3251) N. ALAMA AVE., 300 E. Excelsior Ave., Oakland. Two-story 5-room dwelling.
Owner—E. Coite, 900 Lakeshore Ave., Oakland
Architect—None.
Contractor—F. T Malley, 900 Lakeshore Ave., Oakland. $6000

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

ALTERATIONS.
(3253) 1414 FRANKLIN ST., Oakland. Alterations.
Owner—Arcadia Hall Assn.
Architect—None.
Contractor—E. T. Leiter & Son, 3601 West St, Oakland. $1500

DWELLING.
(3253) NE. COR. CHAMPION and 35th Ave., Oakland. One-story 4-room dwelling.
Owner—C. M. Gardner.
Architect—None.
Contractor—H. G. Jackson, 1822 E-22nd St., Oakland. $2000

ALTERATIONS & REPAIRS.
(3254) 2145 E-23RD ST., Oakland. Alterations and repairs.
Owner—Paul Breitkopf, 2145 E-23rd St., Oakland.
Architect—None.
Contractor—Paul Breitkoff, 2145 E-23rd St., Oakland. $1200

DWELLINGS.
(3255) 3027-33-39-45-69-81 JACKSON St., Oakland. Six 1-story 5-room dwellings.
Owner—Alameda Invest Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—Alameda Invest. Co., Syndicate Bldg., Oakland. $2750 each

DWELLING.
(3256) 2538 PLEASANT ST., Oakland. One-story 5-room dwelling.
Owner—A. L Ferguson, 3263 Prentiss St., Oakland.
Architect—None.
Contractor—A. L. Ferguson, 3263 Prentiss St., Oakland. $3500

DWELLING.
(3257) N. LENNIMAN AVE., 314 W. High St., Oakland One-story 5-room dwelling.
Owner—Ellen Bean, 4118 Lenniman Ave., Oakland.
Architect—None.
Contractor—Walter Bean, 4118 Lenniman Ave., Oakland. $2500

DWELLINGS.
(3258) 3096, 4002, 4008 MADELINE ST. Oakland Three 1-story 5-room dwellings.
Owner—Alameda Invest. Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—Alameda Invest. Co., Syndicate Bldg., Oakland. $2750 each

STORE & APARTMENTS.
(3259) LOT 43, 44, 45, BLOCK G, Laural Grove Park, Oakland. 1 and 2-story frame store and apartments.
Owner—S W McReynolds, 3395 Hopkins St, Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland.
Filed, July 13, '23. Dated, July 5 '23. When building is completed and accepted, 8% of total cost.
TOTAL COST, $13,000
Bond, none. Sureties none. Forfeit, none. Limit, 100 days Plans and specifications, none.

RESIDENCE.
(3260) 428 BELLEVUE AVE., being east line Bellevue Ave. of Map of Bellevue Park, Piedmont. 7-room and sleeping porch 2-story frame residence.
Owner—Lorine Abbott, 25 Sheridan Ave., Piedmont.
Architect—None.
Contractor—Joseph Parker & Son., 944 E-14th St., Oakland
Filed July 13, '23. Dated, June 14, '23
When frame up $3640.25
When plastered 3640.25
Inside work completed 3640.25
Upon completion of bldg..... 3640.25
TOTAL COST, $14,560.00
Bond, none. Sureties, none. Forfeit, none. Limit, 180 days. Plans and specifications, none

ALTERATIONS TO STORE.
(3261) 12TH ST., 101 ft. West Clay St., Oakland. Alterations to store.
Owner—Jackson Furniture Co.
Architect—Henry H. Meyers, 1201 Kohl Bldg., San Francisco.
Contractor—Frank D Moller, 700 Arlington Ave., Oakland.

Filed, July 13, '23. Dater, July 11, '23.
When work is finished and completed $2185.50
Usual 35 days after 728.50
TOTAL COST, $2914
Bond, none. Sureties, none. Forfeit, none. Limit, 35 days. Plans and specifications filed.

ALTERATIONS.
(3262) 111 MOUNTAIN AVE., Piedmont. Alterations to residence.
Owner—Mrs. Clara T. Brayton.
Architect—Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—Conner & Conner, 1733 Francisco St., Berkeley.
Filed, July 13, '23. Dated, July 13, '23.
On the 5th day month...¾% of value
Usual 35 days after completion and accepted 25%
TOTAL COST, $6500
Bond, none. Sureties, none. Forfeit, none. Limit, none. Specifications, none Plans filed.

BUNGALOW.
(3263) 1654 37TH AVE., being 35 ft. of Lot 10, Map of a Portion of the Liese Tract, Brooklyn Township, Oakland. 4-room rustic bungalow.
Owner—George Muller, 1705 25th Ave., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland.
Filed, July 13, '23. Dated, July 11, '23.
When frame is erected $1000
When plaster is completed..... 1000
When completed and accepted. 1000
Usual 35 days after..... 1000
TOTAL COST, $4000
Bond, none. Sureties, none. Forfeit, $5 per day. Limit, 75 days. Plans and specifications filed.

RWELLING
(3264) W WENTWORTH AVE. 260 N Fairfax Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—A. Olson, 1704 55th Ave., Oakland.
Architect—None. $4600

ALTER & ADDITION
(3265) 1601 THIRTY-EIGHTH AVE., Oakland. Alteration and addition.
Owner—Miss W. J. Gill, 1601 38th Ave., Oakland.
Architect—None.
Contractor—G. W. Steffen, 1941 Crosby Oakland. $3500

ALTERATION
(3266) 581 FOURTEENTH ST., Oakland Alteration.
Owner—Marcus & Merricks, 581 14th St., Oakland.
Architect—None.
Contractor—J. E. Stewart, 686 Sycamore, Oakland. , $1500

DWELLING
(3267) E EIGHTY-SECOND AVE 160 N Plymouth, Oakland. 1-story 3-room dwelling.
Owner—D. Arronzet, 4842 Telegraph Ave., Oakland.
Architect—None. $1000

DWELLING
(3268) E ONE HUNDRED FOURTH Ave. 360 E-14th St., Oakland. 1-story 4-room dwelling.
Owner—Justus Norris, 524 17th St., Oakland.
Architect—None. $2500

DWELLING
(3269) 557 ROSAL AVE., Oakland. 1-story 6-room dwelling.
Owner—Joseph Cogonno, Oakland.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave., Oakland. $5800

DWELLING.
(3270) S FORTY-THIRD ST. 290 E Linden St., Oakland. 1-story 4-rm. dwelling.
Owner—C. Conado, 975 43rd St., Oakland.
Architect—None.
Contractor—P. Garella & Co., 870 47th St., Oakland. $3200

STORES & OFFICES
(3271) NE COR. THIRTY-FIFTH AV. & E 14th St., Oakland. 2-story Brick and concrete stores and offices.
Owner—A. Wolf, 4010 Agua Vista Ave, Oakland.
Architect—None.
Contractor—J. B. Peterson, 2053 38th Ave., Oakland. $20,000

ALTER & ADDITION
(3272) 1103 E-TWENTY-EIGHTH ST Oakland. Alteration and addition.
Owner—H. Ananas, 1103 E-28th St., Oakland.
Architect—None:
Contractor—Geo. M. Merritt Bldg. Co., Inc., 1160 1st Ave., Okd. $4500

DWELLING.
(3273) NE. CORNER HAVENSCOURT Boulevard and Arthur St.; lot No. 1, Block 24, Map of Havenscourt. One-story 5-room dwelling.
Owner—Edward W. Gant and Dora Gant, 433 Washington St., Oakland.
Architect—None.
Contractor—Martin Allan, Oakland.
Filed, July 12, 1923. Dated July 9, 1923.
When frame is up $887.50
When brown coated 887.50
When completed and accepted 887.50
10 days after satisfaction that all bills are paid..... 887.50
TOTAL COST, 3550
Bonds, none. Sureties, none. Forfeit, none. Limit, 45 days. Plans and specifications filed.

DWELLING
(3274) 1305 OXFORD, Berkeley. 1-sto. 6-room dwelling.
Owner—J. Van Buken, Vine St. near Milvia, Berkeley.
Architect—None.
Contractor—L. D. Denton, 1425 Walnut St., Berkeley. $4500

DWELLING
(3275) 2361 DURANT, Berkeley. 2-sto. 10-room dwelling.
Owner—J. Guern, Elsworth and Durant, Berkeley.
Architect—None.
Contractor—Geo. F. Rose, 1920 B Grant Berkeley. $1000

DWELLING
(3276) 3041 HILLEGASS, Berkeley. 1-story and Basement dwelling.
Owner—A. F. Pick, 1811 Parker St., Berkeley.
Architect—None.
Contractor—G. F. Pratt, 1109 Amador, Berkeley. $1800

DWELLING
(3277) 511 SAN FERNANDO Ave., Berkeley. 2-story 7-room dwelling.
Owner—Henry Gide, 1840 Fernando Av. Berkeley.
Architect—None. $5000

DWELLING
(3278) 1518 HOLLY ST., Berkeley. 1-story 5-room dwelling.
Owner—T. Jewett.
Architect—None.
Contractor—J. P. Brennan, 1519 Hearst St., Berkeley. $3500

DWELLINGS
(3279) 1609 & 1613 TYLES ST., Berkeley. 2 1-story 5-room dwlgs.
Owner—Marian MacArthur, 625 Taylor St., Berkeley.
Architect—None.
Contractor—Wallace MacArthur, 2919 Otis St., Berkeley. $3500 each

RESIDENCE a
(3280) 2635 CALIFORNIA ST., Berkeley. 1-story 4-room residence.
Owner—W. R. Johnson, 1620 Blake St., Berkeley.
Architect—None.
Contractor—W. E. Brownell, 273 S Grant St., Berkeley. $1250

RESIDENCE
(3281) 1207 ALLSTON WAY, Berkeley. 1-story 5-room residence.
Owner—Ecli Talrilnama, 2319 Curtis St., Berkeley.
Architect—None. $2350

DWELLING
(3282) 2312 VALLEY, Berkeley. 1-sto. 4-room dwelling.
Owner—Harry Sundin, 1511 Myrtle St., Berkeley.
Architect—None. $1800

DWELLING
(2383) 2562 BUENAVISTA AVE., Berkeley. 1-story 6-room dwelling.
Owner — Marshall Maslin, 1635 Arch, Berkeley.
Architect—None.
Contractor—C. B. & P. Crane, 2695 Cedar St., Berkeley. $6500

BUNGALOW
(3284) RUSSELL W FULTON, Berkeley. 1-story 6-room bungalow.
Owner, C. Ellison, 645 Mariposa Ave., Oakland.
Architect—None.
Contractor—S. Norris & Son, 649 Mariposa Ave., Berkeley. $3500

DWELLING
(3285) N CHERRY 100 90th Ave., Oakland. 1-story 5-room dwelling.
Owner—P. K. Peterson, 9010 Cherry St. Oakland.
Architect—None.
Contractor—C. B. Francisco, 1470 88th Ave., Oakland. $3350

DWELLING
(3286) E SIXTY-NINTH AVE. 450 N Flora, Oakland. 1-story 4-rm dwlg.
Owner—Chris Bokaland, 1343 51st Ave. Oakland.
Architect—None. $2500

DWELLING
(3287) 1451 HAVENSCOURT BLVD., Oakland. 1-story 5-room dwelling and garage.
Owner—R. C. Hillen, 5364 Trash St., Oakland.
Architect—None. $4250

DWELLING
(3288) 1451 SIXTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Maude Boyle, 978 75th Ave., Oakland.
Architect—None.
Contractor—R. C. Hillen, 5364 Trash St., Oakland. $5000

DWELLING.
(3289) 1445 68TH AVE., Oakland. One-story 6-room dwelling
Owner—L. E. Smith, 978 75th Ave., Oakland.
Architect—None.
Contractor—R. C. Hillen, 5364 Trask St., Oakland. $5600

DWELLING.
(3290) S. 97 E-63RD ST., Oakland. 1-story 5-room dwelling.
Owner—Ferdenand Deuball, 978 63rd St., Oakland.
Architect—None.
Contractor—J. T. Reily, 974 63rd St., Oakland. $3000

DWELLING.
(3291) 5717 VICENTE ST., Oakland. One-story 5-room dwelling.
Owner—L Capelline, 5544 Telegraph Ave., Oakland.
Architect—None.
Contractor—E. Camponmenosi, 5238 Lawton Ave., Oakland. $4000

DWELLING.
(3292) E. 14TH ST., 50 E. 93rd Ave., Oakland. Two-story 8-room dwelling.
Owner—H. S. Olsen, 1717 96th Ave., Oakland.
Architect—None.
Contractor—N. Neergard, 2615 High St., Oakland. $8300

DWELLING.
(3293) W. LOCKWOOD ST., 120 E. 73rd Ave., Oakland. One-story 5-room dwelling.
Owner—V. Winther, 1700 36th Ave, Oakland.
Architect—None.
Contractor—V. Winther, 1700 36th Ave., Oakland. $2750

ALTERATIONS.
(3294) 3849 GROVE ST., Oakland. Alterations.
Owner—J. F. Glover, 3849 Grove St., Oakland.
Architect—None.
Contractor—E. C. Venn, 3434 Elm St., Oakland. $1000

DWELLING.
(3295) S. HOPKINS ST., 170 E. 35th Ave., Oakland. One-story 4-room dwelling.
Owner—R. W. Ross, 4024 Magee Ave., Oakland.
Architect—None.
Contractor—R. W. Ross, 4024 Magee Ave., Oakland. $1500

ADDITION TO FOUNDRY.
(3296) FOOT OF 105TH AVE., Oakland. One-story steel addition to foundry.
Owner—Best Steel Casting Co., Oakland.

Architect—None.
Contractor—Geo. Petersen, San Leandro. $5000

DWELLING.
(3297) 3307 E. 17TH ST., Oakland. 1-story 5-room dwelling.
Owner—N. Nittler, 3300 E. 17th St., Oakland.
Architect—None.
Contractor—N. Nittler, 3300 E. 17th St., Oakland. $3300

DWELLINGS.
(3298) SE. COR. 75TH AVE. and Rudsdale St., Oakland; E. 75th Ave., 36, 76 & 116 S. Rudsdale, Oakland. Four 1-story 4-room dwellings.
Owner—Contractors' Exchange, 5836 Ft. Hill Boulevard, Oakland.
Architect—None.
Contractor—C. A. Shipman, 6146 Majestic Ave., Oakland. $2250

DWELLING
(3299) 2015 CALIFORNIA 106 ft N Addison, Berkeley. 1-story 5-room dwelling.
Owner—R. P. Anderson, 5601 Addison, Berkeley.
Architect—None. $3500

DWELLINGS
(3300) 1427 & 1429 EDITH, Berkeley. 2 1-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck, Berkeley.
Architect—None. $2850 each

ADDITION
(3301) BROADWAY TERRACE AND Carlton, Oakland. Addition.
Owner—Claremont Country Club, Oakland.
Architect—None.
Contractor—Wm. Knowles, Central Bk Bldg., Oakland. $27,000

DWELLINGS
(3302) 3087 3093 3099 3105 3111 CALIfornia St., Oakland. 5 dwellings.
Owner—Alameda Inv. Co., Oakland.
Architect—None.
Contractor—Alameda Invest. Co., 703 Syndicate Bldg., Oakland. $2750 ea

DWELLING
(3303) 3001 E-TWENTY-SECOND ST., Oakland. 1-story 5-room dwelling and garage.
Owner—J. D. Fennelly & P. D. Cuningham, 2910 E-22nd St., Oakland.
Architect—None.
Contractor—J. D. Fennelly, 2910 E-22nd St., Oakland. $4250

DWELLING
(3304) NW COR. EIGHTY-FIRST & Ney Ave., Oakland. 1-story 5-room dwelling.
Owner—R. E. Frier, 4323 19th St., S. F.
Architect—None.
Contractor—S. V. Le Feuse, 8001 Ney Ave., Oakland. $3200

DWELLING
(3305) 3040 SYLVAN AVE., Oakland. 1-story 5-room dwelling.
Owner—N. Andrno.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. $3250

DWELLING
(3306) SE COR. NINETY-FOURTH Ave and A St., Oakland. 1-story 8-room frame dwelling.
Owner—A. C. Fisher, 1260 94th Ave., Oakland.
Architect—None.
Contractor—N. Gauhert, 1910 40th Ave Oakland . $4500

DWELLING
(3307) NE COR. SIXTY-FIRST ST & Eastlaion Ave., Oakland. 1-story 4-room dwelling.
Owner—T. Naro, Oakland.
Architect—None.
Contractor—A. E. Orton, 6800 Trenor St., Oakland. $3250

STORES
(3308) SE COR E TWELFTH AND 9th Ave., Oakland. 1-story stores.
Owner—C. Walker, 1905 90th Ave., Okd.
Architect—None.
Contractor—R. E. Taylor, 3432 Seminary Ave., Oakland. $2500

FLATS
(3309) N FORTY-SEVENTH ST. 290 W Grove, Oakland. 2-story 8-room flats.
Owner—A. Andrew, 476 42nd St., Okd.
Architect—None. $3000

DWELLING
(3310) N MONTANA ST. 75 E Wilson St. Oakland. 1-story 4-room dwlg.
Owner—Walter King, 2714 Montana St Oakland.
Architect—None.
Contractor—Mark Bristol, 2511 Vine St Berkeley. $2850

DWELLING
(3311)N ROSAL AVE, E WARFIELD Ave., Oakland. 1-story 6-room dwelling.
Owner—K. O. Rodning, 2028 E 12th St. Oakland.
Architect—None. $5500

ADDITION
(3312) W TWENTY-SECOND AVE. S E-14th St., Oakland. 2-story addition.
Owner—Dlan Wrecking Co., 2149 E14th St., Oakland.
Architect—None. $1800

ALTER& ADDITION
(3313) 841 FIFTY-SIXTH ST., Oakland. Alteration and addition.
Owner—H. P. Todd, 841 56th St., Oakland.
Architect—None. $3000

STORES.
(3314) W. COLLEGE AVE., N. 62nd St., Oakland. One-story, 2-room stores.
Owner—P. O. Bond, Berkeley.
Architect—None.
Contractor—Edw. Larnier, 90 Fairview Ave., Oakland. $3850

ALTERATIONS AND ADDITIONS.
(3315) 488 ALCATRAZ AVE , Oakland. Alterations and additions.
Owner—F. E. Youse, 488 Alcatraz Ave., Oakland.
Architect—None.
Contractor—F. E. Youse, 488 Alcatraz Ave., Oakland. $1500

DWELLINGS.
(3316) 1923, 1929 38th Ave., Oakland. Two 1-story 5-room dwellings and garages
Owner—G. M Marquis, 2827 Russell St., Berkefey.
Architect—None.
Contractor—G. M. Marquis, 2827 Russell St., Berkeley. $2300 each

DWELLINGS.
(3317) 2610 E. 23RD ST., Oakland. 1-story 4-room dwelling.
Owner—C. J Arneson, 2306 26th Ave., Oakland.
Architec?t—None.
Contractor—C. J. Arneson, 2306 26th Ave., Oakland. $3000

DWELLINGS.
(3318) E. 65TH AVE., S. Avenal; W. 65th Ave., S Avenal; W. 67th Ave., 60 W. Arthur; E. 68th Ave., S. Arthur, Oakland. Six 1-story 5-room dwellings.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E. 14th St , Oakland. $3800 each

BUNGALOW
(3319) N MONTANA 75 E Wolsin being Lot 2714, Oakland. All work for one-story 4-room bungalow.
Owner—Walter King, Syndicate Bldg., Oakland.
Architect—None.
Contractor—Mark Bristol, 2511 Vine St., Berkeley.

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Filed July 17, '23. Dated July 16, '23.
Foundation in, floor joists set.$712.50
Ready for plaster..... 712.50
Building plastered 712.50
Completed and 10 days after inspection 712.50
TOTAL COST. $2850.00
Bond, limit, none. Forfeit, $1. Plans and specifications filed.

RESIDENCE
(3320) W BAY 667.5 S San Antonia Ave S 50xW 100, Alameda. All work for two-story and basement frame residence.
Owner—Frank C. Stratford, 1212 Sherman St., Oakland.
Architect—Hamilton Murdock & W. H. Crim Jr., 425 Kearny St., San Francisco and Syndicate Bldg., Oakland
Contractor—H. M Frostholm, 877 Lakeshore Ave., Oakland.
Filed July 11, '23. Dated July 7, '23.
Frame up $2500
Brown coated inside and out.... 2500
Completed and accepted..... 2500
Usual 35 days..... 2500
TOTAL COST, $10,000
Bond, $——. Sureties, Heline A. Shellby and Phemie Ringel. Limit, forfeit, none. Plans and specifications filed.

DWELLING
(3321 NE SIXTY-EIGHTH AVE 255.98 NE E-Fourtenth St , being No. 1445 68th St., Oakland All work for one-story 6-room dwelling.
Owner—Lee Edward and Bessie Smith, 978 75th Ave., Oakland.
Architect—None.
Contractor — R. C. Hillen, 5364 Trask St., Oakland.
Filed July 16, '23. Dated July 11, '23.
Frame up .....$ 400
1st coat plaster on..... 400
Completion of building..... 4800
TOTAL COST, $5600
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3322) NW SIXTY-EIGHTH AV 259.68 NE E-Fourteenth St., Oakland. All work for one-story frame dwelling
Owner—Maude E. Boyle, 978 75th Ave., Oakland.
Architect—None.
Contractor — R. C. Hillen, 5364 Trask St., Oakland.
Filed July 16, '23. Dated July 11, '23.
Frame up .....$ 750
1st coat plaster on..... 750
Building completd 3500
TOTAL COST. $5000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed

DWELLING, ETC
(3323) LOT 368 MAP "E" B. & A. L. Stone Co., Elmhurst, Brooklyn Tp. All work for two-story dwelling and store.
Owner — Hother S. and Nilma Olsen, 1717 96th Ave., Oakland.
Architect—None.
Contractor — N. Neergaard, 2615 High St., Oakland.
Filed July 16, '23. Dated July 16, '23
Frame up $2077
1st coat plaster on..... 2077
Completed 2077
Usual 35 days..... 2077
TOTAL COST. $8308
Bond, limit, forfeit, none. Plans and specifications filed.

DWELLINGS.
(3324) 1515 TYLER ST., Berkeley. 2 1-story 5-room dwellings.
Owner—James McGuinness, 594 63rd St., Oakland.
Architect—None.
Contractor—James McGuinness, 594 63rd St., Oakland. $2500 each

ALTERATIONS.
(3325) 1233 DERBY ST , Berkeley. Alterations 1-story 8-room house.
Owner—Ella M. Pfister, 1233 Derby St., Berkeley.
Architect—None.
Contractor—Carl Schmitt, 1614 Ward St., Berkeley. $1500

FLATS.
(3326) 1115 HEARST ST., Berkeley. Two 1-story 4-room flats.
Owner—Henry Mantell, 1133 Hearst Ave., Berkeley.
Architect—None.
Contractor—John Hohn, 2815 9th St., Berkeley. $4000

DWELLINGS.
(2327) E. 80TH AVE., 100, 140, 180, 220 Alder St., Oakland. Four 1-story 4-room dwellings.
Owner—Wm. H. Sims, 1940 42nd Ave., Oakland.
Architect—None.
Contractor—Wm. H. Sims, 1940 42nd Ave., Oakland. $3000 each

DWELLING.
(3328) E. 80TH AVE., 80 N. Alder St., Oakland One-story 6-room dwelling.
Owner—Dennis S. Childers.
Architect—None.
Contractor—Wm. H. Sims, 1940 42nd Ave., Oakland. $3500

DWELLING.
(3329) W. 60TH AVE., 200 N. Camden St., Oakland One-story 4-room dwelling.
Owner—Miss M. E. Farmer, 1251 60th Ave., Oakland.
Architect—None. $2500

DWELLING.
(3330) S. MANDANA BLVD., 200 W Carleton, Oakland. One-story 6-room dwelling.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None.
Contractor—P. E. Woodburn, 624 Prospect Ave., Oakland. $5000

DWELLING
(3331) N. HAMPEL, 251 E. Woodruff, Oakland. One-story 7-room dwelling and garage.
Owner—W. G. David, 1429 Broadway, Oakland.
Architect—None.
Contractor—W. G. David, 1429 Broadway, Oakland.
Garage, $200; $5000

DWELLING.
(3332) 642 MANDANA BLVD, Oakland. One-story 7-room dwelling.
Owner—G. M. Muther, 5519 Thomas St., Oakland.
Architect—None.
Contractor—G. M. Muther, 5519 Thomas St., Oakland. $4500

DWELLINGS.
(3333) 5439 CARLTON ST, Oakland. Two 1-story 5-room dwellings.
Owner—C. P. Pfrang, 480 Forest St., Oakland.
Architect—None.
Contractor—C. P. Pfrang, 480 Forest St Oakland. each $5000

ADDITION.
(3334) 480 PERKINS ST., Oakland 1-story addition.
Owner—B. F. Reilly, 480 Perkins St., Oakland.
Architect—None.
Contractor—Barnes & Place, 310 Fairmount Ave., Oakland. $2150

ADDITION.
(3335) N. GREENLY BLVD. and Columbia, Oakland. Addition.
Owner—Wm. De Kurmaker, box 721, Route, Oakland.
Architect—None.
Contractor—Wm. De Kurmaker, Box 721, Route, Oakland. $1000

STORES.
(3336) S. E-12TH ST., 80 W. 5th Ave., Oakland. One-story tile stores
Owner—R. J. Burks, 254 Bacon Bldg., Oakland.
Architect—None.
Contractor—Marshall & Burks, 254 Bacon Bldg., Oakland. $15000

BUILDING.
(3337) W. 35TH AVE., N. Penniman Ave., Oakland. One-story frame bldg.
Owner—Fred Simon, Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland
Filed, July 18, 1923. Dated July 16, 1923.
When frame work is erected...$1475
When bldg. close in, first coat plaster 1475
When completed and accepted.. 1475
Usual 35 days after 1475
TOTAL COST, $5900
Bond, none. Sureties, none. Forfeit, none. Limit, 90 days. Plans and specifications, filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded — Amount

July 10, 1923—NO. 1731 SOLANO AV, Oakland Mrs. Anna Ohrtland to E D Cushing.....July 2, 1923
July 10, 1923—NO. 201 PALM DRIVE, being Lot 30 Blk "A" Piedmont Park, Piedmont. J C Iliff to C J Krieger.....July 1, 1923
July 11, 1923—COR. MOSS AND Wallsworth Aves, Oakland. John Way French to C W Short.....July 11, 1923
July 11, 1923—LOT 14 BLK "E" Lakeshore Terrace, Oakland. Frank J McKeegan to E H Campbell.....July 11, 1923
July 11, 1923—LOT 24 BLK 1, Golden Gate Tract No. 1032 Arlington St., Oakland. H Elmer Johnson to whom it may concern...July 11, 1923
July 10, 1923—FORTY-SEVENTH AV fmly Bryant St., Oakland. Verner S Mentch to whom it may concern.....July 10, 1923
July 10, 1923—N. ELEVENTH AND Harrison, No. 296 Eleventh and No 1100-1110 Harrison St., Oakland. Zoe E Root et al to J Chester Ballard .....
July 10, 1923—LOT 22, ½ LOT 28 BLK 12, Holywood Resubdivision, Oakland. R J Ballew to whom it may concern.....June 22, 1923
July 10, 1923—LOTS 2, 4, 5, 6, 13 AND 14, Blk —, Resubdivision of Hollywood. S Victor Davidow to R E Neikirk.....July 10, 1923
July 11, 1923—LOTS 76, 77, 78, BLK R Map Everett Tct., Oakland. F. E. Ulrich to Chas. Stade and Paul L. Kick .....July 11, 1923
July 11, 1923—LOT 2, BLK D, Map East Piedmont Hights, Oakland; Henry Math Matson to H. M. Frostholm .....July 9, 1923
July 7, 1911—E. line Belvedere Ave., with S line Cedar St., S 80 ft x E 100.4 ft. being N ptn lots 1 2 3 and 4 blk 1 mp Key Stone Tct, Berkeley; Cragmont Land Co. to Ben Pearson .....July 10, 1923
July 12, 1923—NO. 2136 ROSE and No. 1404 Oxford St., Berkeley. Roy J Young to L T Bletbroad.....July 12, 1923
July 12, 1923—LOT 8 BLK 4, Map Thousand Oaks Station Tract, Berkeley. Joseph C Lynch to whom it may concern.....July 11, 1923
July 12, 1923—SW FERRY AND Laguna Ave, Oakland. B Fiegenberg and Etta Bacharach to whom it may concern.....July 11, 1923
July 12, 1923—E CARLTON Ptn Lots 50, 49 and 51 Blk "A" Oakland. Mrs Alice P Dewey to whom it may concern.....July 10, 1923
July 12, 1923—BROADWAY 55 N Twelfth, Oakland. The Oakland Bank to Forderer Cornice Works.....July 10, 1923
July 12, 1923—NORTH SIDE E. 14TH St., 50 ft. East of Third Ave.; James W. Lord to California Builders Co. .....July 10, 1923
July 12, 1923—SOUTH SIDE 43RD ST., 200 ft. East of Telegraph; Mary E. Hesson to California Builders Co. .....July 10, 1923
July 12, 1923—NO. 7934 NEY AVE., west side Ney Ave., Oakland; C. A. Curtis to whom it may concern.....Juuly 11, 1923
July 13, 1923—1006 HOLLYWOOD AVE., Oakland; Margaret B. tum-Suden and Geo. tum-Suden to Joseph Parker & Son...June 25, 1923
July 12, 1923—SOUTH SIDE BAY View, 349 ft W of Elliott; David Barnes to California Builders Co .....July 10, 1923
July 12, 1923—REG. AT PT. S. E. In. Lot 6, Blk W, 100 SW Perry St., SW 50 x NW 140, Oakland. B. Feigenberg and Etta Bacharach to whom it may concern ..July 11, 1923
July 13, 1923—RANLIGH WAY being Lot 18 Blk "F" Lake Park District, Piedmont. Wesley Jones to Chas W. Falk.....Juuly 12, 1923
July 13, 1923—LOT 29 BLK 1361, Poirier Tract, Oakland. Eugene Egerberger to C E Charleston.....July 13, 1923
July 13, 1923—S UNION AVE bounded on W & S by Indian Gulch, Oakland. Mrs. H C Knight to John Field .....July 5, 1923
July 13, 1923—PTN LOT 1 BLK "F" Map Grand Ave Heights, No. 980 Scott St, Oakland. Elmer W West to whom it may concern.July 13, 1923
July 14, 1923—LOTS 46 AND 47 Map Nead Park, Oakland. L R Ingersoll to W H Sims.....July 3, 1923
July 16, 1923—EAST 26TH ST., bet. 13th and 14th Aves., Map Frost Thirteenth-Ave. Tract, Oakland. Alice V. Lawson to W. C. Gettys .....July 12, 1923
Jully 16, 1923—LOT 1, BLOCK G, Map of Grand Ave. Heights or called 521 Fairbanks Ave. Bert R. Shrader to Mervin P. Rose.....July 16, 1923
July 16, 1923—E 14TH ST. AND 34TH Ave. The American Bank to G. A. Scott .....July 6, 1923
July 16, 1923—LOT 10 BLK "E" Lakeshore Terrace, Oakland. C H James to A Hendinkson..July 16, 1923
July 16, 1923—S PARKER about 135 E Ellsworth, Berkeley. Mrs. E Gruswitz to C. Texdahl.July 12, 1923
July 16, 1923—LOT 7 BLK "E" Map Peralta Heights, Oakland. H W Haler to whom it may concern.....July 13, 1923
July 16, 1923—LOT 100 BLK 20, Amended Map Havenscourt also Ptn Lot 14 Blk 20, Havenscourt, Oakland. Edward P Morse to whom it may concern.....July 14, 1923
July 12, 1923—NO. 5409 AND 5421 Crittenden St., Oakland. A P. Buhman to whom it may concern.....July 12, 1923
July 14, 1923—SW IGNATIA AND Congress Ave., Oakland. Adolph Schlueter to Jos Boeddeker.....July 12, 1923
July 17, 1923—PTN LOT 5 BLK "A" Map of Dutard Ppty, Berkeley. Leslie R Wilson to whom it may concern.....July 17, 1923
July 17, 1923—LOT 21 BLK "C" Map Lorin Heights Tract, Oakland. E D Hamilton to E D Bramlage.....July 5, 1923
July 17, 1923—NO 2211 CARLTON, Berkeley. H C Andersen to whom it may concern.....July 16, 1923
July 17, 1923—LOT 10 BLK "G" Waterside Terrace, Oakland. Clara H O'Neill to A Lundgren.July 11, '23
July 17, 1923—LOT 2 BLK "C" Lakeshore Heights, Oakltand. Jessie J Walsh to whom it may concern.....July 13, 1923
July 17, 1923—LOT 3 BLK "H" Map East Piedmont Heights, Oakland. Daniel Arena to W B Fields.....July 14, 1923
July 17, 1923—LOT 9 AND ½ Lot 8 Blk 14, Sub. Hollywood S Foothill Blvd. Oakland. G R Blasingame to whom it may concern.....July 12, '23
July 17, 1923—LOTS 32 AND 33 BLK "U" Map Broadway Terrace, Oakland. Fannie Schlankes to S W Jones.....July 13, 1923
July 18, 1923—LOT 7, Map Kingsland Tract, Brooklyn Twp. Maggie B Garbutt to M. F. Wise..July 18, 1923
July 18, 1923—48 MANOR DRIVE, Piedmont Manor. Roy Calio to L. M. Baird .....July 17, 1923
July 18, 1923—LINDIN ST., bet. 1st and 3rd St., Oakland. California Packing Corporation to H. J. Christensen .....July 12, 1923
July 18, 1923—LOT 12 and 13, Resubdivision Lot 18-27, Map of Crocker Tract, Piedmont. F. L Dettmann to E. F. Henderson .....July 14, 1923
July 18, 1923—LOT 20, Map Maple Heights, Oakland. Arthur E. Clark to whom it may concern.July 18, 1923
July 18, 1923—LOT 19, Map of Maple Heights, Arthur E. Clark to whom it may concern.....July 18, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded — Accepted

July 9, 1923—BEG AT PT. 100 E of California E 50xS 100 being No. 1618 Berkeley Way, Berkeley. Concealo Fixture Co vs Marion S. L D and C F Smith.....$45
July 10, 1923—LOT 13 BLK 1, Broadway Terrace Tract No. 5513 Manila Ave., Oakland Swartout & Swartout vs Oakland & San Francisco Improvement Co & J C Downey.$134

July 11, 1923—PTN LOT 35, all Lot 36 Blk 7, Havenscourt, Oakland, Rhodes-Jamieson & Co vs R O McCline and C S Nielsen.....$91
July 13, 1923—ORCHARD AVE S Soto Road, Oakland. Melrose Lumber & Supply Co vs W B Bell....$1408.09
July 10, 1923—LOTS 66 & 67 MAP Greater Oakland Co. Tct. No. 1, Oakland. Jos. Henas vs. Jos. P. and Carrie Alves $150
July 12, 1923—NE 16.67 LOT 2 and SW 16.67 Lot 3 Blk 14 Map Blvd Park, Oakland. Swift and Co vs Neil Ferrand A J Nelson and A N J Nelson.....$144.31
July 12, 1923—NE 4 LOT 3 and all Lot 4 Blk 14 Map Blvd Park, Oakland. Swift and Co vs Neil Ferrand, J C and Nellie M. Blake.154.89
July 12, 1923—NW 38th Ave., 116-8 NE Carrington NE 30 NW 100 being Ptn Lot 3 Blk 14, Blvd Park, Oakland. Swift and Co vs Neil and Mrs. E Ferrand and L C Follett $83.36
July 14, 1923—35-36 MAP PTN Vischer Tract, Alameda. Thos L Gray vs S Forkos.....$215.75
July 17, 1923—33, 34, 35 and 36, in Block 442, Map Adeline and Market St. Homestead, Oakland. Contra Costa Building materials Co., $4,040.12; Calif. Brick Co., $132; Oakland Mchy. Co., $282; Hogan Lumber Co., $2033.16; Pacific Iron Works, $291; Maxwell Hardware Co., $54.86; Oakland Lime & Cement Co., $253; W P. Fuller & Co., $702.27; C. Stevens, $232; Edw L. Soule Co., $3,564.15, vs. Earl D. McGinty, Vivian McGinty, W. G. McGinty and California Packing Corporation .....$—
July 16, 1923—LOTS 28 to 32 inc Blk 442 bded by Third, First, Linden and Filbert Sts, lying SE of folg descd in; beg at pt on W ln Filbert St. 30 ft. dist measd S alg sd W ln of Filbert St. from SW in 3rd St. SW to SW Cor. of afsd Lot 28; (2) all that ptn Lots 19, 20, 21 and 22 Blk 442 lying SW of the lofg descd ln; beg at NE Cor of afsd Lot 22 th SW to ptn on E ln of the afsd Linden St. 37.5 ft. dist. measd N alg sd E ln of Linden St. fm SW Cor. of afsd Lot 19, Oakland. Detroit Steel Products Co (cptn) vs W G McGinty & Sons (cptnrs) and California Packing Cptn.....$510
July 16, 1023—LOTS 28, 29, 30, 31, 32 in Block 442, bound by 3rd, 1st, Linden and Filbert Sts. Detroit Steel Products Co. vs. W. G. McGinty & Sons and California Packing Corporation $510

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
July 16, 1923—SE STOAKES AVE dist thereon SW 570 ft. fm inters with SW ln E 14th St (as exists since dwng SW 40 ft SE 151 32 ft NE 40 ft NW 151.24 ft to beg; (2) SE Stoakes Ave dist thereon 610 ft. SW E-14th St. (as exists since wdng) SW 40 ft. SE 151.41 ft. NE 40 ft. NW 151.32 ft. to beg; (3) SE Stoakes Ave 650 ft. SW E-14th St. afsd SW 40 ft. SE 151.50 ft. NE 40 ft. NW 151.41 ft. to beg.; (4) SE Stoakes Ave 690 ft. SW E-14th St. afsd SW 40 ft. SE 151.58 ft. NE 40 ft. NW 151.20 ft to beg; (5) SE Stoakes Ave 730 ft SW E-14th St. afsd SW 40 ft. SE 151.67 ft. NE 40 ft. NW 151.58 ft. to beg. Oakland. M A Popes to Darling, Harding & Co (cptn) .....
July 16, 1923—SAME AS ABOVE except (4) reads as folgs; SE Stoakes Ave dist thereon S 59° 04' 40" W 690 ft. fm Inters SW line E-14th St. (as exists since wdng) S 59° 04' 40" W 40 ft. S 30° 55' 20" E 151.58 ft. N 58° 57' 20" E 157.58 ft 40 ft. N 30° 55' 20" W 151.50 ft. to beg, Alameda. Chas M Hummer to L D Swift.....
July 16, 1923—SE STOAKES AVE 570 ft. SW E-14th St. SW 40 ft. SE 151.32 ft. NE 40 ft. NW 151.24 ft. to beg, San Leandro. W H Whited to L D Swift.....
July 16, 1923—SE STOAKES AVE 570 ft SW E-14th St SW 40 ft SE 151.32' ft. NE 40 ft. NW 151.24 ft. to beg, San Leandro. W H Little to L D Swift.....
July 16, 1923—1st same as 2nd, 2nd same as 3rd, and 3rd same as 4th descptn in Rel Lien Lopes to Darling, Harding & Co.....
July 16, 1923—SE STOAKES AVE 570 ft. SW E-14th St. (as exists since wdng) SW 200 ft. SE 151.67 ft. NE 200 ft. NW 151.24 ft to beg. Oakland. Maxwell Hardware Co to Darling, Harding & Co.....

Notice of Non-Responsibility

ALAMEDA COUNTY

—July 10, 1923; N of non-responsibility for labor performed or materials furnished on folg: 1st—intrn S ln Encinal Ave with E ln Park St S 60 ft E 117 ft m-l N 60 ft m-l W 117 ft m-l to beg, being ptn lot D blk 8 and lot C in blk 9 mp Ala Park Hd, Ala; 2nd—lot A blk 9 and the ptn of lot B blk 8 lying S of the S ln in sd Encinal Ave map aforesaid, Alameda.
July 14, 1923—SW HOPKINS ST, or Fruitvale Blvd dist thereon S 36° 18' 30" E 170 ft. fm the pt of intrn thereof with SE ln 35th Ave or Redwood Rd S 36° 18' 30" E 40 ft SW alg o ln drn par with SE ln 35th Ave to a pt on the NE ln of the r of way of San Jose Short Line, NW alg last sd line to intrn thereof with a ln drn SW fm pt of beg and par with SE in 35th Ave NE to beg, being Ptn Blk 1 Map Key Route Heights, Oakland. Alameda Investment Co (cptn) as to improvements on property.....

CANCELLATION OF BUILDING CONTRACT

ALAMEDA COUNTY

July 7, 1911—Hother S and Hilma A Olsen (wife) to N Neergard—cancellation of Bldgs Con dated June 26, 1923, OR lot 368 map E B & A L. Stone Co's lots, Elmhurst, Oakland. ... ... July 5, 1923

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Recorded

DWELLING, one-story 5-room and garage, $3200; No. 2557 5th Ave., Sacramento; owner, R. L. Johnson, 2605 Portola Way, Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 2312 T St., Sacramento; owner, M. Babich, 2200 3rd St., Sacramento; contractor, D. Tatti, 2118 O St., Sacramento.
DWELLING, one-story 5-room and garage, $4450; No. 2649 5th St., Sacramento; owner, Chas. Camenzind, 630 14th St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacramento.
DWELLING, one-story and garage, $2500; No. 3449 33rd St., Sacramento; owner, T. F. Shirley, 3071 Ninth Ave., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, two-story 8-room and garage, $8000; No. 2464 Marshall Way Sacramento; owner, C. C Dunn, 1930 22nd St., Sacramento; contractor, L. F. Gould, 1623 P St., Sacramento.
ADDITION, one and two-story brick and concrete to high school, $560,822; Lots 1 to 87 Gerber Tract, Sacramento; owner, Sacramento School District; architect, E. A. Mathews, Call Bldg., San Francisco; contractor, Mathews Constr. Co.; Forum Bldg., Sacramento.
ADDITION, one-story and basement reinforced concrete to bank, $1000,000; No. 1014 8th St., Sacramento; owner, Farmers & Mechanics Bank, Premises; architect, H. H. Winner Co., 55 New Montgomery St., S. F.
DWELLING, one-story 6-room and garage, $4000; No. 2132 Marshall Way, Sacramento; owner, D. E. Houghtaon, 4070 2nd Ave., Sacramento.
TWO store buildings, brick, $4000; No. 812 and 814 21st St., Sacramento; owner, Jas. Popert, 21st and H Sts., Sacramento; contractor, Geo. W Martin, 2221 D St., Sacramento.
APARTMENTS and garage, twostory Frame (6 apts.), $18,000; No. 2201 I St., Sacramento; owner, Ernest Williams, 11th and Q Sts., Sacramento; contractor, P. H. Opdyke, 1109 7th Ave., Sacramento.
DWELLING, one-story 5-room frame and garage, $3500; No. 317 29th St., Sacramento; owner, W. F. Reid, 4234 Mariuosa Ave., Sacramento.
DOUBLE HOUSE, 6 rooms each and garage, $13,800; 1103 37th, Sacramento; owner, Mrs. L. King.
DWELLING, 1-story 5-room, and garage; $2800; 832 38th Sacramento; owner, H. Buck, 916 17th, Sacramento.
DWELLING, 1-story 5-room, and garage; $5000; 2988 27th, Sacramento; owner, John McCarthy, 2673 5th Ave., Sacramento; contractor, Jos. Burns, 2720 Portola, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
July 7, 1923—WHARF AT Sacramento (replace piling). Associated Oil Co to whom it may concern... .....June 30, 1923
July 9, 1923—LOT 1015 ELMHURST, Sacramento. Lenore W Attama to whom it may concern....July 7, 1923
July 9, 1923—E ½ OF S ½ LOT 5, S. T. 15th and 16th Sts., Sacramento. Dan A Stanich to whom it may concern.....July 7, 1923
July 10, 1923—LOT 3127 Elmhurst. H C Marks to whom it may concern.. .....July 10, 1923
July 12, 1923—LOTS 2 AND 3, Tullar Tract, Sacramento. S W Cross to whom it may concern....July 2, 1923
July 12, 1923—LOT 54 Eastmont, Sacramento. Paul R Opdyke to whom it may concern.....June 30, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
July 12, 1923—LOT 16, Lousiana Tct. Sacramento. W D McKoy vs W E Weirmga $192.60

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Recorded

BUILDING, $5250; Lot 13 Blk 1, Lomita Park, Stockton; owner, J. P. Shoemaker, 217 E-Willow St., Stockton; Contractor, M. A. Orcutt, 616 N-Grant St., Stockton; limit, 75 days; filed July 7, 1923, dated July 6, 1923.
RESIDENCE, $4450; 2720 Dwight Way, Stockton; owner, F. T. Smith, 710 N Van Buren, Stockton.
RESIDENCE, $3800; 926 N Yosemite, Stockton; owner, J. R. Williams, 720 W Acacia, Stockton.
RESIDENCE, $31,000; 205 E North St., Stockton; owner, J. O. Robinson, Stockton.
RESIDENCE, $14,000; 22 E Pine, Stockton; owner, Mrs. J. A. Inglis, 230 E Park, Stockton.

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Recorded

PLAYGROUNDS, $9200; First and Kern Sts., Fresno; owner, City of Fresno contractor, Jolly & Jolly, 547 Echo St. Fresno.

APARTMENT house, $10,000; No. 917 Forthcamp Ave., Fresno; owner, R. C. Kennedy, Mason Bldg., Fresno

DWELLING, $4650; 3851 Balch Ave., Fresno; owner, A. Anderson; contractor, C. E. Millhollen, 2133 Kern St., Fresno.

DWELLING, $4600; No. 559 McKinley Ave., Fresno; owner, C. L. Saylor, 810 Peralta Way, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
July 9, 1923—LOTS 8 TO 11, Graham Villa, Fresno. R W Woodward to Fred Gross	July 9, 1923
July 10, 1923—LOTS 11 AND 12 BLK 8, Roedings Addition, Fresno. F A Street to A J and J E Brant	June 26, 1923
July 11, 1923—LOTS 37 AND 38 BLK 2, Torrance Terrace, Fresno. O E Draper to whom it may concern	July 10, 1923
July 11, 1923—LOT 18 N 15 LOT 17 BLK 1, Central Park, Fresno. W B Watson and A F Lambert to whom it may concern	July 11, 1923
JULY 12, 1923—LOTS 32, 33 BLK 3 Torrance Terrace, Fresno. Watkins & Deardorf to whom it may concern	July 11, 1923
July 12, 1923—LOTS 24, 25 BLK 4, High Addition. Klasen John to whom it may concern	July 11, 1923
July 12, 2923—LOTS 33, 34 WHITEhouse Tract, J. A. Hart to W. G. Jolly	July 11, 1923
July 12, 1923—BLK 33 Sierra Vista Add No. 5. Negus Bert to whom it may concern	July 6, 1923

LIENS FILED

FRESNO COUNTY

Recorded	Amount
July 10, 1923—LOTS 33 AND 34 BLK 2, Torrence Terrace, Fresno. Bingham-Wenks Planing Mill vs N E Deardorf and Watkins & Deardorf	$324
July 10, 1923—LOTS 28 AND 29 BLK 3, Torrence Terrace, Fresno Bingham-Wenks Planing Mill vs N E Deardorf and Watkins & Deardorf	$170
July 10, 1923—E 104 FT. BLK 3, Fenway Tract, Fresno. J D Halstead Lumber Co vs W R Le Roux, Amy Chilsen and K C Buwalda	$779
July 10, 1923—W ½ LOTS 10 TO 14 Blk 48, Wristen Addition, Kingsburg. Central California Planing Mill vs R R Reinhold	$1379
July 10, 1923—LOTS 28 AND 29 BLK 3, Torrance Terrace, Fresno. Routt Lumber Co vs Watkins & Deardorf	$904
July 10, 1923—LOTS 20 AND 21 BLK 3, Torrance Terrace, Fresno. Routt Lumber Co vs N E Deardorf	$581
July 10, 1923—LOTS 33 AND 34 BLK 2, Torrance Terrace, Fresno. Routt Lumber Co vs N E Deardorf	$589
FRESNO liens filed	
July 12, 1923—E ½ LOT 1 NORTH Villa Tract, Fresno. Routt Lumber Co. vs. Howard Planing Mill	$349

BUILDING CONTRACTS

SAN MATEO COUNTY

RADIATORS

LOMITA PARK Bounded by St. Helena Ave., San Antonio Ave., San Juan and San Anselmo Aves. Furnish radiators etc. for steam heating for school.

Owner—Milbrae School District.

Architect—Kuhn & Edwards, 833 Market St., San Francisco.

Contractor—Williams Radiator Co. Monadnock Bldg., San Francisco.

Filed July 7, 1923. Dated June 21, 1923

Pipe installed	$250
Completed and accepted	1237
Usual 35 days	500
TOTAL COST,	$1987

Bond, 2 for $994 each, 1 for $200; Sureties, Massachusetts Bonding & Insurance Co.; Forfeit, $5; Limit, 60 wk. days; Plans and specifications, none.

ALTERATIONS

HILLSBOROUGH, San Mateo. All work for alterationh and additions to club house.

Owner — Burlingame Country Club, Burlingame

Architect—Arthur Brown Jr (Consulting), 251 Kearny St., S. F.

Contractor—Grace & Bernierl, Claus Spreckels Bldg., San Francisco.

Filed July 10, '23. Dated July 5, '23.

On 3rd of each month	75%
Usual 35 days	25%
TOTAL COST.	$23.566.20

Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

DWELLING

LOT 19 BLK 27, Crocker Estate Tract, Daly City. All work for dwelling

Owner—A. J. and Claudine B. Strickland.

Architect—None.

Contractor—G. R. McLee.

Filed July 12, '23. Dated July 3, '23.

Frame up	$853
Rough plumbing in	83
Plaster on	83
Usual 3 days	83
TOTAL COST,	$3415

Bond, none. Limit, 90 days. Forfeit, $1. Plans and specifications, none.

BUNGALOW.

PART LOT 247 SUB 3, San Mateo Park, San Mateo. Finish and complete one-story frame bungalow and garage.

Owner—G. W. Mountford.

Architect—None.

Contractor—Mitchell Jackson & Co., 170 2nd St., San Mateo.

Filed, July 13, 1923. Dater, July 2, 1923.

When framed	$2018.75
Browned coated	2018.75
Completed and accepted	2018.75
Usual 35 days after	3500.75
TOTAL COST,	$9575

Bond, none. Sureties, none. Forfeit, $4. Limit, 90 days. Plans and specivcations, none.

RESIDENCES, $5900; Lot 10 Blk 17 Burlingame Avenue, Burlingame; owner, F. H. Zimmerman.

BUNGALOW and garage, $6000; Lot N Blk 6 Burlingame Terrace-Highway; owner, Frank McMurtrice.

BUNGALOW and garage, $6000; Lot 4 Blk 17 Burlingame Grove Highway; owner, Lillian Portuons.

MOVE BUILDING, $1000; Lot Cor. N Blgme Ave. to rear of lot on N S Blgme Ave. 374 ft. west of Main St., Burlingame; owner, Mrs. W. Hitchcock, premises.

BUNGALOW and garage, $3000; Lot 11 Blk 3 sub 4 Blgme Park, Burlingame; owner, Edd C. Selleck.

BUNGALOW and garage, $5000; Lot 13 Blk 3 Easton 2 Cortex Ave., Burlingame; owner, Chas. McIntire; contractor, Patman.

BUNGALOW and garage, $4000; Lot 10 Blk 44 Easton 3 Bernal Ave., Burlingame; owner, J. W. Burns.

BUNGALOW and garage, $400; Lot 2 Blk 26 Lyon & Hoad Ave. Bayswater, Burlingame; owner, Mrs. E. Corbatt.

BUILDING, class C $8946; East half of lot 29-30 Blk Easton 1 Broadway, Burlingame; owner, Thomas Bradbury, 1201 Broadway, Burlingame.

BUNGALOW, $5000; Lot 10 Blk 5 Blgme Terrace Fairfield Rd., Burlingame; owner, Frederick Brandsbrom.

BUNGALOW and garage, $5700; West 50 ft. of lots A & B, Blk 6 Blgme Terrace, Burlingame; owner, Wm. Nelson, Diamond Laundry Co., San Mateo; contractor, M. Sorrensen 16 Dwight, Burlingame.

COTTAGE and garage, $3000; Lot 8 Blk 4 Blgme Grove Paloma Ave., Burlingame; owner, Wm. Elder, 906 Burlingame Ave., Burlingame.

STORE, Class C, $1600; Lots 28 and 29 Blk 15 Blgme Grove Broadway, Burlingame; owner, Mrs. A. Parks; contractor, Wm. Sibson.

ALTERATIONS and additions, $1500; 109 Bayswater Ave., Burlingame; owner, P. A. Roe, 109 Bayswater Ave., Burlingame.

BUNGALOW and garage., $4000; Lot 14 Blk 44 Easton 3 Bernal Ave., Burlingame; owner, Wm. A. Rutherdale, 1129 Bernal Ave., Burlingame.

ALTERATIONS and additions to, $2000 Lot 126 Primrose road, Burlingame owner, David Luddy; contractor M. Sorrensen, 16 Dwight, Burlingame.

BUNGALOW and garage, $5000; Lot 10 Blk 27 Easton 2 Cortez Ave, Burlingame; owner, J. W. Rutherdale, Pacific Realty Co., Burlingame.

COTTAGE and garage, $4000; SW Cor. Bloomfield and Howard, Burlingame; owner, W. H. Medley.

COTTAGE, $2000; North ½ of lot 2? Corbett Sub. Laurel, Burlingame; owner, David Vallment; contractor H. B. Howe.

ADDITIONS to residence, $1200; 710 Peninsula Avenue, Burlingame; owner, Mrs. L. Zurcher, 710 Peninsula Ave., Burlingame.

BUNGALOW and garage, $4000; Lot 2B Blgme Heights Highway, Burlingame; owner, A. Veyhle.

BUNGALOW and garage, $4000; Lot 8 Blk 17 Easton 1 Chula Vista Ave., Burlingame; owner, M. M. Elder.

BUNGALOW and garage, $4750; Lot 4 Blk 7 Blgme Grove Lincoln Ave., Burlingame; owner, Anna J. Norrasey.

ALTERATIONS and additions to, $2000 S Donnely Ave., 375 ft. W Main St. owner, Mrs. W. Hitchcock, Donnely Ave., Burlingame.

BUNGALOW and garage, $5500; Lot 11 Blk 9 Burlingame Sub. Columbus Ave., Burlingame; owner, I. M. Leslie; contractor, L. H. Stephenson, 718 Occidental, Burlingame.

BUNGALOW and garage, $3000; Lot 17 Blk 29 Lyon & Moag Sub. Arsnl Rd., Burlingame; owner, H. Heckenkemper; contractor, I. Heckenkemper, 112 Myrtle Ave., Burlingame.

BUNGALOW and garage, $6000; Lot 9 Blk 26 Easton 2 Sanchez Ave, Burlingame; owner, L. A. Thang.

BUNGALOW and garage; $4000; Lot 13 Blk 1 Blgme Grove Mills Ave., Burlingame; owner, Roy A. Smith.

BUNGALOW, $1500; 135 Park Rd., Burlingame; owner, E. Gilbert.

BUNGALOW and garage; $3000; Lot 21 A Blk 22 Howard Ave., Burlingame owner, Neil Donovan.

BUNGALOW and garage, $4000; Lot 25 Blk 9 Easton 1 Laguna Ave., Burlingame; owner, Eugene Moraham.

BUNGALOW and garage, $8000; Lot 22 Blk 23 Easton 2 Cortez Ave, Burlingame; owner, Norman Rushton, 1204 Broadway, Burlingame.

BUNGALOW and garage, $5000; Lot 19 Blk 18 Easton 2 Balboa Ave., Burlingame; owner, Bert Miller.

BUNGALOW and garage, $5000; Lot 3 Blk 48 Easton 4 Bernal Ave, Burlingame; owner, Wm. Homquist.

BUNGALOW and garage, $5000; No. 2 Blk 3 Easton 2 Easton Drive, Burlingame; owner, D. H. Crawford.

COTTAGE in rear of bldg., $1600; Lot 18 Blk 31 City of Blgme Clarindan Rd., Burlingame; owner, Mrs. M. Spring; contractor, M. Sorrensen, 16 dwight Ave., Burlingame.

RESIDENCE, $10,000; Occidental Ave., Lot 225 Blk S-B, San Mateo Park San Mateo; owner, K. E. Paul, 1105 Burlingame Ave., San Mateo; contractor, D. Houle, Burlingame.

RESIDENCE, $3650; Fifteenth Ave., Lot 7 Blk J Sub., Haywood Park, San Mateo; owner, Edith Palton, 1006 4th Ave., San Mateo; architect, R. E. Broderick, Poplar Ave., San Mateo.

RESIDENCE, seven-room, $9000; Occidental and Warren Road, No. 3, San Mateo Park, San Mateo; owner, F. W. Morrentford, Perchoen House San Mateo; architect, Mitchel & Jackson, 170 Second Ave., San Mateo.

RESIDENCE, $16,000; Edgewood Road, Lot Per. H Sub., San Mateo; owner, Margaret Taylor; architect, John K. Branner, 251 Kearny St., San Francisco; contractor, Cavanaugh Bros, 205 State St., San Mateo.

RESIDENCE, $5000; Santa Inez St., Lot 1 Blk 7-B Sub., San Mateo; owner, C. A. McClair, 220 Santa Inez Ave., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

July 9, 1923—LT 30 BLK 7 BURLINgame Grove. B. Norberg and E. R. Godd to whom it may concern.... .....July 6, 1923

July 9, 1923—LOT 18 BLK 30 EASTon No. 2 Burlingame. Florence C. McClain to C. B. McClain..... .....June 30, 1923

July 9, 1923—LOT 39 BLK 4 HILLCrest Tract, Daly City. Harvey and Mamie Becker to Frank J. Spauge ..... July 5, 1923

July 7, 1923—LOT 10 BLK A SAN Mateo Heights No. 2. Catherine & Robert Broderick to whom it may concern .....July 5, 1923

July 13, 1923—PTN BLK 2, Stanford Park, Menlo Park. Roman Catholic Archbishop to Louis M Pollard.... .....July 10, 1923

July 13, 1923—LOT 22, BLOCK 15, Burlingame Grove, Burlingame. Otto A. Meit to Diggs & Hill..... .....July 11, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount

July 7, 1923—W ½ LOT 6 BLK 125 So. San Francisco. Thos. Griffiths vs. S. Miri et al.....$174.50

July 16, 1923—LOTS 21, 22, 23, 24, 42, 43, 49, Blk 60, Dumbarton Oaks, near Redwood. J St. John vs Fredwin H Somers et al.....300

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,000 and Over Reported

GARAGE and office building, one-story reinforced concrete, $15,000; San Fernando and Gillespie Sts., San Jose; owner, Geo. A. Clough; contractor, James H. Hjul, 1342 Mission St., San Francisco.

COTTAGE, 5-room, $4700; Prevost and Jerome Sts., San Jose; owner, Fisher & Wilde; contractor, E. Delmaestro, 424 -Julian St., San Jose.

COTTAGE, 4-room, $2600; Paul St. near Floyd, San Jose; owner, Elma Christian, 1299 Palm St., San Jose; contractor, Willmot Bros.

ALTERATIONS, $2950; No. 108 S-First St., San Jose; owner, C. M. Spencer, Premises; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, Percy Sherburne, 375 N-15th St., San Jose.

COTTAGE, 5-room, $4100; Twenty-fifth St. near McKee, San Jose; owner, Jose Marques, 749 S-12th St., San Jose; contractor, F Neves.

COTTAGE, 4-room, $2200; Thirty-fourth and Shortridge Sts., San Jose; owner, Joe Ennis, 21 S-Ninth St. San Jose.

COTTAGE, $3200; Seventh St. near Martha St., San Jose; owner, Howard Waltz, 132 Pierce St., San Jose.

COTTAGE, four-room, $2790; 34th and Santa Clara Sts., San Jose; owner, Rebecco Burcard; contractor, S. K. Jensen.

ALTERATIONS, $1000; First and Devine Sts., San Jose; owner, J R. Kocher, 300 S-17th St., San Jose; contractor, Benj. Quimet, 226 Yosemite St., San Jose.

ALTERATONS, $2500; St. John and 12th St., San Jose; owner, Miss O. L. Vandruff, 67 N-First St., San Jose; contractorfi John Johnson, 95 Hollywood St., San Jose.

COTTAGE, four-room, $2225; 18th St. near St. John, San Jose; owner, Mrs. A. Wilson; contractor, J. D Kay

COTTAGE, five-room, $3625; Vine and Edwards Sts., San Jose; owner, Frank Addotto; architect and contractor, Vincent Maggio, 1230 Sherman St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

July 6, 1923—LOT 6 BLK 1, Hanchett Resident Park, San Jose. E J Smith to whom it may concern.. .....June 6, 1923

July 6, 1923—LOT 30, Gunckel Sub., San Jose. Detlef F Fischer and Florentine Wilde to Ed Delmaestro .....June 20, 1923

July 6, 1923—LOT 17 Boulevard Tct. San Jose. Michael K Muller to whom it may concern....July 5, 1923

July 7, 1923—PTN LOTS 70, 71 AND 72 Marguerite Tct No. 1, San Jose. Harry Noton and Elizabeth Storr to McCombs & Lumax....July 2, 1923

July 7, 1923—NW STATE HIGHWAY and Castro, Mt View. Tito and Maria Fanucci to Allen Vishoot.... .....June 30, 1923

July 9, 1923—LOT 17 BLK "B" Lion Addition to San Martin. S A Hall to whom it may concern.July —, 1923

July 9, 1923—SE ADDISON AVE AND Waverley St., Palo Alto. Thomas B Blake to The Minton Co..July 3, '23

July 10, 1923—FIFTEENTH ST, San Jose, Lot 50x120 adjoining Lot 17 Naglee Terrace. Lida N Jack to L C Rossi.....July 7, 1923

July 11, 1923—PTN LOT 4 BLK 1, University Park, San Jose. Roy E Brandon to whom it may concern.. .....July 9, 1923

July 11, 1923—NO. 85 DAVIS ST., San Jose. Delbert L Wyckoff to whom it may concern.....July 11, 1923

July 11, 1923—LOTS 5 AND 6 BLK 3, Evergreen Park, San Jose. E J Worth to whom it may concern.. .....July 9, 1923

July 13, 1923—LOT 4 BLK 1, Hester Park Tract, San Jose. D M Cline to whom it may concern..July 12, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

July 7, 1923—LOT 138 AND N ½ Lot 137, Orchard Park Sub, San Jose. Sunset Lmbr Co vs Harriett Shoemaker $232.15

July 12, 1923—NW 45 FT. LOT 5 BLK 4 N R 2 W. Santa Clara. P Donatelli vs Geo Helzer and James Symons..... $1375.80

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount

July 6, 1923—PTN LOT 3 BLK 38, Palo Alto. H S Raymond, $108; Louis Holson, $193. 50; Jack Holson, $95; Art Fixture Shop, $150; C H Christensen and A C Anderson, $1283.67; E C Jacobson, $63.70; Dudfield Lumber Co, $607.45; Clyde C Call, $525.38; Homer J Langdon, $768.63 to Rose M and Lillie B Carter .....

July 7, 1923—PTN LOT 3 BLK 38, Palo. San Jose Building Trades Council to Rose M and Lillie B Carter $407.40

July 10, 1923—SW NINETEENTH & Calhoun Sts., San Jose. G Ellis Nichols to Roy O Burgess and Mrs. Roy O Burgess $28.50

July 11, 1923—LOT 5 BLK 10, West of Vestal Sub, San Jose. Sunset Lumber Co to Tony Battaglia....$269.15

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $4000; E-Eleventh St., bet. Nevin and Barrett Sts., Richmond; owner, J. D. Paris; contractor, K. J. Henning Bix 1671, Richmond.

DWELLING, one-story frame, $3600; E-44th St., bet. Barrett and Roosevelt Sts., Richmond; owner, E. O Fisher, 34th and Nevin Sts., Richmond; contractor, K. J. Henning, Box 1671, Richmond.

APARTMENTS (4), two-story frame, $13,500; S Barrett St., bet. 8th and 9th Sts., Richmond; owner, James Walker, 416 Virginia St., Richmond; architect, Jas. Narbett, 9th and Macdonald Ave., Richmond; contractor, W. Snelgrove, 160 1st St., Richmond.

APARTMENTS, two-story frame (4 apts.), $12,000; W 14th St., bet. Macdonald & Bissell Sts., Richmond; owner, Mrs. M. Dorstewitz, 18th and Nevin, Richmond; contractor, E. A. F. Carson, 542 4th St., Richmond.

RICHMOND, S Clinton, bet. 26th and 28th. One-story frame dwelling. Owner—D. Martz, box 35, San Pablo, Calif. Cost $3500

BUILDING CONTRACTS

MARIN COUNTY

DWELLING, $3000; Sunnyside Ave., Mill Valley; owner, Geo. Schaefer, Mill Valley.

APARTMENTS and stores, two-story frame.(2 stores and 4 apts.), $19,000, Throckmorton Ave., Mill Valley; owner, Louis Maurer, Mill Valley; contractor, E. G. Nelson, Mill Valley.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

17TH & KANSAS STS. - SAN FRANCISCO

Phone Market 1057

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., JULY 28, 1923

Published Every Saturday
Twenty-third Year No. 30

Schumacher
Office
210 American National Bank Building

Permanence
Economy

Wall

Appearance
Comfort

Warehouses
San Francisco Oakland

Board

For Sale by all Lumber and Building Material Dealers

Remixes Concrete

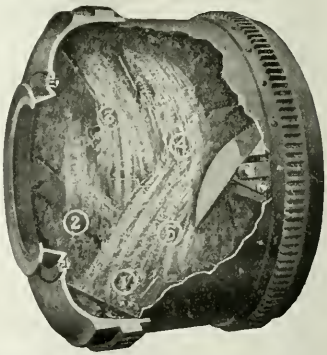
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., JULY 28, 1923 — Twenty-third Year No. 30

No. 818 Mission Street.
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

CONSTRUCTION OF SCOTT'S FLAT RESERVOIR AUTHORIZED

Plans of the Excelsior Water and Power Company to build a huge dam at Scott's Flat on Deer Creek, about seven miles East of Nevada City in Nevada County, in connection with a project under which the irrigation of 25,000 acres of land in Nevada and Yuba counties is contemplated, will be carried forward with all possible haste as the result of the granting of the necessary permit by the division of water rights of the State department of public works, according to an announcement of W. G. Allen, general manager of the Excelsior company.

The impounding dam will cost approximately $500,000 and will be of the multiple arch or constant angle type, plans having been prepared for both types. It will have a total capacity of approximately 60,000 acre feet and will be 110 feet high and approximately 1,000 feet in length. The height will later be raised to 145 feet.

According to Allen, the dam will be used exclusively for irrigation, as it is to be the first unit in a program of irrigation and hydro-electric power development by the Excelsior Company which will cost $27,000,000. The Excelsior Company is a closed corporation and is practically owned outright by the Ayer Estate of Massachusetts.

The development program ultimately calls for the irrigation of 110,000 acres of land and the development of 127,000 horsepower electrical energy.

S. F. ENGINEER LOSES BRIDGE PAYMENT SUIT

Judge K. S. Mahon, Yuba City, has made a decision of considerable importance bearing on the question of the power of Boards of Supervisors to employ special engineers on bridge work when the county has a competent County Surveyor, whom the court claims, should do the work.

The decision was in the case of Erle L. Cope against H. C. Flanery, Sutter County Auditor, the latter refusing to issue a warrant for $2,000 to Cope upon a claim for that amount allowed by the Sutter County Supervisors to Cope under a contract which the board had with him relative to furnishing plans, etc., for the proposed approach to the Nicolaus trestle. The court sustained the contention of the auditor and denied the petition for the mandate to compel the auditor to draw his warrant.

In this case the Supervisors entered into a contract with Cope last December to prepare plans and specifications and to supervise the construction of the trestle at a compensation of six per cent of the total cost of said structure. The contract called for the payment of $2000 February 6th of this year, $2000 June 4th and the balance as work progressed and was completed. The Supervisors allowed the claim for the first $2000 when due but the auditor refused to draw the warrant and suit was brought.

BRIDGE SUPERSTRUCTURE BIDS ASKED BY CITY

Bids will be considered by the San Francisco Board of Public Works on August 15 to furnish, deliver and erect the steel bridge superstructure to carry the Bay Crossing Pipe Line of the Hetch Hetchy project at Dumbarton Point. The estimated cost of construction is $250,000. A bond of 20% of the total contract price will be required of the successful bidder.

The structure will contain 36 spans, each 105 feet long. Construction will involve 2,880,000 pounds of metal in the 36 spans, including fixed and expansion end bearings; 326,000 square feet of protective coating on exposed steel surface; 288 redwood pipe sills and 58,500 B. M. feet of Oregon Pine walkways.

OAKLAND PLANS HARBOR BOND ISSUE OF $10,000,000

An election will be held in Oakland October 9 to vote bonds of approximately $10,000,000, probably more, to finance harbor improvements, according to Commissioner of Public Works, Albert E. Carter.

According to preliminary plans prepared by Ralph Beebee, Oakland Harbor Engineer, ten piers will be constructed on the inner harbor, extending from Market street almost to the San Leandro Bay. An embarcadero from San Leandro Bay to the outer harbor and a belt line railroad which would give access to the Southern Pacific, Western Pacific and Santa Fe to every pier, are included in the plans.

Development of the outer harbor and the construction of several mile long piers, each with a double line of warehouses and 10 railroad tracks is another project that hinges on the amount of money provided by the voters.

CALIFORNIA RAIL PLAN IS APPROVED

Approval for a plan of construction of forty-four miles of new railroad in California was sought recently from the Interstate Commerce Commission by the Minarets and Western Railroad Company. The line would run from Friant to Crane Valley dam. No estimate of costs was filed. The Longview, Portland and Northern Railroad Company was authorized to proceed with construction of a line from a point on the Northern Pacific road near Kelso to Olequa, in Washington. The road will cost $2,991,722.

THOUSANDS SEEK HOMES IN EAST-BAY DISTRICT

Inquiries at the rate of forty a day are being received at the Oakland Chamber of Commerce from prospective settlers in Oakland.

According to Orton E. Lucas, publicity director of the chamber, 4000 requests for information htve been received in the last five months. Of these 2500 have come from Los Angeles and vicinity.

The advertising campaign conducted by the chamber in the East and in the southern part of the state is responsible for the flood of inquiries.

Removal Notice

The business offices and plant of Building and Engineering News have been moved to new and larger quarters in the Bass-Heuter Building, 818 Mission Street, San Francisco.

Our new telephone number is

Garfield 3140

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Skilled building trades workers are needed in every part of the country and Oakland, while not in as poor condition in this respect as other large cities shares with them the shortage. J. A. Kelly, district director of the U. S. Employment Service, says in making a report on conditions in the east bay. Kelly, who has made a survey of the district, declared that industrial activities are on the increase in Oakland and that employment is easier to obtain here than in a majority of cities in the United States.

Rodney J. Hill has started mandamus proceedings at Woodland against Auditor R. P. Wallace of Yolo County. Hill seeks to force Wallace to pay him four wage claims, totaling $143. Hill formerly worked for County Engineer A. G. Proctor. Although the county supervisors had approved the claim, Wallace held them up holding that inasmuch as the County Engineer's Act was judged unconstitutional, Hill is not entitled to his pay. Hill had served under the terms of that act.

California's expenditures exceeded her income by approximately $7,400,000 during the fiscal year which ended June 30, according to State Controller Ray L. Riley. Total recepits for the year were $81,393,735.24, the records show but disbursements amounted to $88,783,517.92. Of all funds collected by the State, a total of $32,293,313.32 came from taxes levied in California corporations The inheritance tax for the twelve months was $4,777,950.35.

Contending that too many engineers can build bridges and lay railroads but cannot speak or write simple English correctly, the University of California announces several courses which engineers in the future must take along with their technical work. No credit will be given for the work. After May, 1924 tests in English will have to be taken before an engineer will be permitted to junior standing.

If there were 45,000 more skilled bricklayers in the country today they could all be put at work, according to the Common Brick Manufacturers' Association. This industry, in co-operation with others affected, is preparing a course of instruction for the training of bricklayers. The course will be that followed in the successful school at Cleveland, and will be available to any city willing to undertake the enterprise.

Construction has been started on the new plant of the Oakland Foundry & Furnace Company at Twenty-sixth and Magnolia streets, Oakland. The company was recently organized with a capital stock of $100,000 and will manufacture hot air furnaces. The main foundry building have 6,000 square feet of floor space. An office and pattern shop will also be erected.

Surveys to determine the cost of a direct rail line between Bakersfield and Los Angeles and to shorten the present line of the Atchinson, Topeka and Santa Fe Railway by forty or fifty miles between these points are now being made, according to an announcement of J. R. Hayden, assistant general traffic agent of the Santa Fe system.

The Pacific Portland Cement Company of San Francisco has filed application with the U. S. War Department for permission to dredge shells from certain submerged lands in the southern arm of San Francisco bay, the property of the Morgan Oyster Company. The dredged material is to be transported to a plant at the junction of Westport slough and Redwood creek. The application will be considered by the War Department at a hearing to be held in San Francisco July 27.

Construction of a new plant for the Sacramento Pipe Works at Sixteenth and North B Sts, Sacramento, will be started shortly, according to officials of the company. The structure will cover an area of 100 by 150 feet and will be one-story in height The latest equipment will be installed for the manufacture of steel, cast and wrought iron pipe. Construction is estimated at $50,000.

The Santa Cruz Portland Cement Co. has purchased sixty additional acres of limestone rock land in Santa Cruz county from the Coast Dairies & Land Company. This new deposit is part of the Rancho Arroyo de la Laguna near Bonny Doon. A right of way from the present quarry of the company to the new deposit through the San Vincent Rancho was also purchased, the whole transaction involving $25,000.

Articles of incorporation of the El Dorado State Products Company of Sacramento have been filed with the Secretary of State. The company will work the Chadbourne slate quarries near Placerville The capital stock is $400,000 and the directors are: John F. Armstrong, W. J. Dinzu and W. H. Stewart of Sacramento.

The Oregon Short Line has been authorized by the Interstate Commerce Commission to proceed with the construction of 98 miles of new line between Rogerson. Idaho, and Wells, Nevada. At Wells, the line will connect with the Southern Pacific and Western Pacific systems. The cost of construction is placed at $5,094,000.

U. S Reclamation Service has leased the Raines Building at Sparks, Nevada, for headquarters during the construction of the Spanish Springs Reservoir. It is understood the lease runs for five years and that the reclamation service offices will be opened in the building about August 1st.

Buildings permits issued in Piedmont, Alameda County, for April, May and June totaled $442,646, making the total activities for the past six months reach the one million dollar mark. June holds the lead with a total of 26 permits representing construction valued at $185711.

Production of steel ingots in June by companies producing 95.35 per cent of the country's total was 3,574,567 tons, indicating a total outturn of 3,748,890 tons for the month.

The Minneapolis Steel & Machinery Co. of Minneapolis has opened permanent offices at 1029-30 C. C. Chapman Bldg., Los Angelcs, under the management of M. H. Hanauer.

ALONG THE LINE

Commander C. A. Carlson, U. S. N., has been detached from duty as public works officer of the 14th Naval District at Pearl Harbor, and has been assigned to succeed Captain L. M. Cox, U. S. N., the public works officer at Mare Island. Captain Cox has been on duty since 1919 and will be retired at his own request.

Edward T. Cadle, 84, former president and general manager of the Globe Iron Works, both in Sacramento and Stockton, died in the former city July 19th, of the infirmities of age. Cadle has been ill for some time. He is survived by a daughter, Mrs. A. H. Ashley of Stockton and two sons, C. W. Cadle of Stockton and Frank F. Cadle of Sacramento.

E. T. Thurston, constructing engineer and secretary of the General Contractors Association of San Francisco, in the July 20th issue of San Francisco Business, the official organ of the Chamber of Commerce, discusses the "Status and Prospects of the San Francisco Building Industry."

Joseph A. Elliott, recently in charge of the construction of an icing plant for the Western Pacific Railway in Nevada, has been appointed superintendent for the Utah Construction Company on the construction of a new line of the Southern Pacific in Mexico between Tepic and Guadalajara.

J L. Phelps, for thirty years publisher of the Stockton Independent, has been named secretary of the State Board of Harbor Commissioners, succeeding Miss Hilda Gohrman, who held the position for the past four and one-half years.

Fred W. Howard, until recently an assistant in the office of County Surveyor of Sonoma County, is now with the United States Bureau of Public Roads in charge of a location survey party near Yuba Pass, Downieville and Sierra City.

Patterson & Dennis have completed the installation of a new 75,000-ft. capacity saw mill on their timber holdings in Quartz Valley, Siskiyou county, and will commence operations immediately.

A total budget of $384,596.84 for the county road department has been presented to the Butte County supervisors by Harry H. Hume, county road engineer.

M. W. Locklin, superintendent of the Pacific Portland Cement plant at Cement, Calif., died in Pacific Grove, where he had gone about a month ago to benefit his health.

Kiernan & O'Brien, formerly located at 1756 Mission strett, announce the removal of their offices to 608 Alexander Building San Francisco.

Harry A. Storrs of San Francisco has been appointed chief engineer of the Modesto Irrigation District, succeeding Percy F. Jones, resigned.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

L. A. JOURNAL FAVORS COLLEGE TRAINING FOR CONTRACTORS

In regard to the announcement that Yale University is to have a course in building construction with two scholarships open to those who finish the course, the Southwest Builder and Contractor, published in Los Angeles, makes the following very pertinent editorial suggestion:

"Contracting has strange allurements for many persons who have neither qualifications nor aptitude for it. There is a popular fallacy that it is an easy game and that big stakes are made in it. That every thing has made it hard for the experienced and capable men engaged in the business. They have to contend with reckless and absurd competition and foolish ideas spread about by wiseacres who freely spout their ignorance. University training in building construction will not crowd out the capable and ambitious young man who has to climb the ladder in the practical school, for success depends on ability and effort. But there is one advantage that may accrue from college courses in building construction. They will have a tendency to dispel the popular idea that contracting does not require skill and knowledge. Moreover they will help to place the contracting business generally on the high plane on which the leaders in the industry are now striving to establish it."

S. F. BUILDERS' EXCHANGE SELECTS CRAFT SECRETARY

Harry R. Bogart has been employed by the San Francisco Builders' Exchange to act in the capacity of craft secretary, a new office recently created by action of the board of directors.

For the present time Bogart will act as craft secretary free of charge to each craft, but it is the belief of the directors that his services will be found valuable enough to justify many of the crafts in paying him a reasonable retainer based on his ability to render them a service.

One of the first problems that the new secretary will take up is the one of overlapping jurisdictions of the various sub-contractors or specialty contractors and the general contractor. He will arrange conferences between committees representing the individual crafts affected and the general contractors, to the end that all may confine their work to their own respective fields, or, if they desire to expand, that they get into the new field on the right basis.

CARPENTERS STRIKE

Seven union carpenters employed on the new Cowell Building in Modesto walked off the job when the contractor refused to yield to their demand that non-union men on the job be supplanted by union-men.

EXEMPT FROM EIGHT-HOUR LAW

State Labor Commisioner Walter G. Mathewson announces receipt of an opinion from Attorney General Webb holding that banks, title insurance companies and trust companies are exempt under the terms of the woman's eight hour law.

SACRAMENTO PLUMBERS WILL FIGHT LAW CHANGES

Proposed changes in the Sacramento plumbing ordinance give promise of developing a real battle between the master and journeyman plumbers over the section providing for an examination and registration of journeymen.

The changes in the ordinance have not as yet been drafted completely for presentation to the city council, and will not be presented to that body for at least another week or possibly longer.

A conference is scheduled between City Manager H. C. Bottorff and representatives of both the master and journeymen plumbers.

The examination and registration clause, which has been drawn and approved by Dr. George J. Hall, city health officer, provides for an examining board to consist of five, the personnel of which would be two plumbers of not less than five years' experience, one to be a master plumber and the other to be a journeyman plumber, and the city plumbing inspector, the city engineer and the city health officer.

Under the present plumbing ordinance it is not necessary for a journeyman plumber to take an examination. Many of the master plumbers, it is said, do not favor the examination. The reason for this, according to journeymen, is that if a master plumber can hire any so-called journeyman he desires, he will be able to complete work for less money. Dr. Hall states it is his belief that an examination for journeymen plumbers should be one of the most important stipulations in the new ordinance when it has been ratified by the city council.

IRRIGATION ENGINEER RESIGNS AT MODESTO

Due to salary differences, Percy F. Jones, for the past eight years, chief engineer for the Modesto, Irrigation District, has tendered his resignation, effective July 18th. The directors of the district have refused to accept the resignation.

Engineer Jones, during construction of Don Pedro dam, the $2,500,000 joint project of the Turlock and Modesto Irrigation districts, which was recently dedicated, received four hundred dollars a month, $150 for the extra work entailed in building the dam, and $250 monthly as district engineer. Upon completion of the dam the directors made the salary three hundred dollars, thinking this sufficient to care for the duties. Jones asked for additional duties to perform and a salary of $325.

Directors J. R. Broughton and E. O. Lambert voted to give Jones $325, while the remaining three directors voted against it.

SACRAMENTO PAINTERS WAGE INCREASE DENIED

The Sacramento Builders' Exchange has refused to grant the wage increase ought by the painters' union from $8.35 to $9 a day.

About one month ago the painters made a similar demand and walked off the job. The Building Trades Council, however, would not recognize the walkout and the men returned to work.

C. OF C. SECRETARY RESIGNS

Louis M. King, after twenty-five years of active service in the local commercial field, has resigned as secretary of the San Francisco Chamber of Commerce. His successor will be appointed shortly.

King is widely known in this city and throughout California as a result of his activities in behalf of various commercial bodies. His resignation came as a surprise to friends and business acquaintances, but as yet he has made no announcement of future plans.

King came to Santa Rosa in the late eighties from Jerseyville, Ill. He later joined Nathan Dohrmann & Co. here, remaining with this firm for several years, leaving to become assistant Pacific Coast manager of the United Glass Company. Joining the staff of the newly organized Merchants' Association of this city, he served as assistant superintendent of the street cleaning department and as executive in charge of municipal beautification work. When the Merchants' Association consolidated with the Chamber of Commerce in 1911, King was named executive secretary of the combined body, this position making his secretary of the chamber in 1913.

STATE ENGINEERS TO TOUR TWO STATES

R. M. Morton, state Highway Engineer, and his assistant, T. E. Stanton, will leave Sacramento July 25 on an inspection tour of highways in Oregon and Washington, with the view of incorporating desirable features in the California road system. They will be accompanied by Herbert Nunn, formerly of the Oregon engineering department.

PROPOSE CONSCRIPTION OF BRICKLAYERS IN NEW YORK

Conscription of bachelor bricklayers earning up to $16 a day on commercial jobs and assignment of them to erect schools at $12 a day has been proposed by union officials in New York at a conference with contractors and Mayor Hylan's committee on school construction.

Three weeks ago the union agreed to furnish bricklayers for school jobs at $12 a day. Bidding for labor by contractors has boosted the current scale, causing nearly all school bricklayers to desert for better paying jobs.

Union chiefs proposed to conscript and turn over to school works unmarried workers for a week each until school buildings now under way are completed.

STATE ROAD BOND SALE AGAIN DELAYED

State Treasurer Charles G Johnson on June 18th announced another postponement of the $4,000,000 sale of 4¼ per cent State highway bonds, which after several attempts he had been unable to float. The bond market is down at the present time, said the treasurer, but there are hopes the securities will be disposed of when they are again placed before the public on August 1.

AMERICA'S FIRE LOSS

Addressing the members of the Downtown Association of San Francisco, P. F. Garnett, Field Secretary of the Insurance Brokers Exchange of San Francisco said:

Every day America kindles ten hundred and eighty flaming monuments to wastefulness—ten hundred and eighty bonfires that destroy raw and basic materials, that wipe out manufactured products derived from such materials and that place an enormous drain upon America's resources.

America's fire toll for the five year period ending December 31, 1920, was $1,672,722,677, a sum that would have built homes for 1,672,720 people or constructed 16,727 new school houses. Yet we have failed as a nation to take fire seriously, to give it the respect and the consideration it deserves and to use characteristic American resourcefulness in eliminating conditions that invite fire.

Fire—The Red Plague, is a far more serious menace to the nation as a whole than would be the theft of a million dollars a day. Stolen money presumably remains in circulation, but a dollar or its property equivalent, burned, is a flat loss—the wasted toil of men and women who labor day in and day out to produce the things upon which the progress of the world depends.

There can be no question in the mind of any thinking American that America's annual bonfire places a handicap upon the nation as a whole.

Our 1921 per capita fire loss in California was $5.83, while our national per capita loss for the same period was but $4.47. Rates for fire insurance follow losses.

PRIZE AWARDS FOR VITRIFIED CLAY PIPE ESSAYS

William E. Morgan, of Salisbury, Md., a student at Carnegie Institute of Technology, Pittsburgh, was awarded the first prize of $100, and Thomas F. Moffett, of Saranac Lake, N. Y., a Master Plumber, was awarded the Second Prize of $50 in an essay contest conducted by Carnegie Tech on 'The Use of Vitrified Clay Pipe in Plumbing Systems." The prizes were donated by the Eastern Clay Products Company.

The contest was nation-wide, and the quality of the papers submitted by college students and craftsmen was exceptionally high, according to an announcement. The winner, Mr. Morgan, is a sophomore student in the Plumbing, Heating and Ventilating Courses in the College of Industries. Mr. Moffett, second prize winner, was for nine years a Master Plumber in the Bronx District in New York City.

Professor S. E. Dibble, Head of the Department of Plumbing, Heating, and Ventilation was chairman of the jury of judges, whose other members were: W. J. Woolley, SecretaryManager, of the National Trade Extension Bureau, Evansville, Ind.; Joseph A. Welden, Welden-Kelly Co., Master Plumbers, Pittsburga, and John T. Morris, Director of the College of Industries, at Carnegie Institute of Technology.

ALAMEDA BUILDING

Building permits issued in Alameda during the fiscal year of 1922-23 totaled $1,367,455.50, according to the annual report of Building Inspector Eugene Maillot. A total of 789 permits were issued, of which 260 were for new buildings.

The total valuation of new buildings was $1,125,097, Maillot reported. There were 529 permits issued for alterations, aggregating in valuation $242,358.50. Feea collected for permits totaled $2,747.50.

Sacramento Builders' Exchange Will Seek Referendum on Higher Wage Question

A referendum on the question of higher wages for workers in the building crafts in Sacramento is to be conducted by the Sacramento Builders Exchange, giving civic organizations and business concerns a chance to make their desires known.

Events are moving toward an industrial crisis in Sacramento and close observers of the situation see a strike, perhaps several, in the offing, or compliance with the demands from unions, which have been of increasing frequency recently.

W. B. Scollan, president of the exchange, announces that letters outlining the nature of the referendum will be sent out immediately to every bank and trust company, real estate and building loan concerns, civic organizations, such as the Rotary, Exchange, Lions, Kiwanis and other luncheon clubs, the city council, state department of engineering, state and city civil service boards, architects and engineers, leading business houses and all members of the exchange.

The letter, he said, will say in part:

"Sacramento needs and is contemplating many new buildings, for the accommodation of the people required to man the new industries now coming to Sacramento. As citizens and property owners, we and you are equally interested in having the needed buildings erected instead of having anything happen that will prevent them from being built.

"The painters and several other lines of the building trades are asking for higher wages. We are now paying higher wages and working under greater restrictions than any city on the Pacific Coast. They are asking for an increase in practically all crafts.

"We are bringing this to your attention because it is a matter in which you are deeply interested also, to forestall any possible criticism from you or from the public that you were not fully informed in the matter and that your help and suggestions were not asked.

"We are making no argument, either for or against the new wage scale. The Builders' Exchange to date has been very successful in maintaining the wage scale in keeping with other industries, but without your help, we can readily see what is about to happen. If you think we should pay this increase at this time, we have not the least objection to doing so. It will not really come out of our pockets, for it is an established fact that the ultimate consumer always pays the bills.

"It is possible that the increased wage scale might attract to this city a greater number of building workmen, of which, at the present, we are very much in need.

"On the other hand, it is not necessary to go into detail with you as to what happens when an investor cannot build and see an adequate return from his investment or when people making mortgage loans on new buildings do so not on the cost of the building, but on the actual value of the same. An increased building cost means increased rentals and in the end the ultimate consumer pays.

"Every property owner, every merchant and every citizen is concerned in this question. We want the decision to come from you instead of from us. If you are in favor of our paying this wage increase or if you think it would be detrimental to the interest of Sacramento for us to do so, please let us know and also suggest to us what you think in the matter of procuring an amicable adjustment without the stoppage of work.

"Whatever is done must be done very soon, as we have no desire to have a quarrel with the building trades journeymen, nor spend our money alone for the benefit of the general public who will not and never did appreciate it."

Return postal cards will accompany the letters and the recipients will be asked to fill out blanks on these indicating what action they think should be taken.

At present there is pending the demand of the painters' union for a raise from $8.25 to $9 per day. This is the renewal of a demand made about a month ago and turned down by the employing painters at that time. The electricians went on strike last month for about a week when their demands for an increase were refused, the building trades council finally ordering the men back to work, as the walkout was without sanction.

Other crafts have served notice on the building trades council of their intention of seeking increases in the past few months and it is realized by both sides that a decidion over the wage question cannot long be postponed.

DR. A. S. McALLISTER, PHYSICIST ENGINEER TO WASHINGTON

Dr. A. S. McAllister, engineer physicist, Bureau of Standards, who during the past two years has been liaison officer of the U. S. Bureau of Standards and the Federal Specifications Board, assigned to the headquarters of the American Engineering Standards Committee at New York City, has been recalled to Washington for special work, by Secretary Hoover of the Department of Commerce. Dr. D. R. Harper, 3rd, Physicist of the Bureau of Standards, has been assigned to the American Engineering Standards Committee succeeding Dr. McAllister. Dr. Harper is a graduate and former instructor of the University of Pennsylvania, and has been associated with the Bureau of Standards since 1909. He has specialized in thermometry and heat measurements, particularly in heat transmission and in internal combustion engine physics. Dr. Harper will be concerned with those standardization projects in which the Bureau of Standards and the Federal Specifications Board are cooperating with the American Engineering Standards Committee.

DOMINION TIMBER RESOURCES LARGER, SURVEY SHOWS

While Saskatchewan is mare generally known as one of the Prairie provinces, owing to its large grain growing areas, the northern portions are rapidly coming to the front as timbered country. A survey of the forest resources shows that he province has available 7,950,000,000 board feet of saw material, divided approximately as follows: 3,000,000,000 feet of spruce, 4,000,000,000 feet of poplar, 800,000,000 feet of jackpine, 100,000,000 feet of balsam and 50,000,000 feet of larch. The timber cut of Saskatchewan in 1920 amounted to 54,371,000 board feet, with 1,803,000 shingles and 13,025,000 lath.

THE RUSSELL TUNNEL KILN

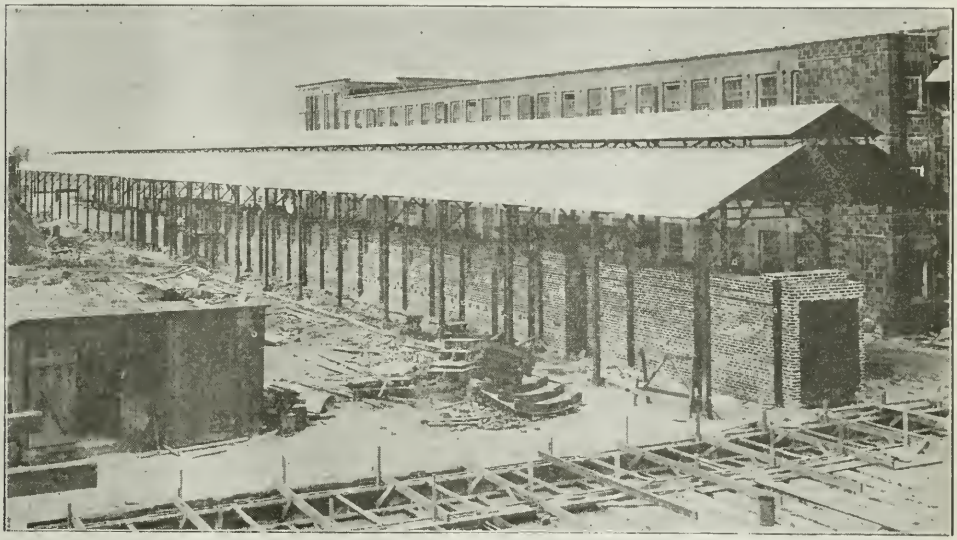
It will no doubt be of interest to the readers of Building and Engineering News to know something about the tunnel kiln that is under construction at the plant of Gladding, McBean and Company, in Lincoln, Placer County.

What is a tunnel kiln? As the name implies, it is a kiln built in the form of a tunnel. It is used for the same purpose that other kilns are used for: namely, for firing, or as may be better understood by the layman, for baking various products, usually of clay. The tunnel kiln has a track running through its entire length and upon this a train of cars. The product to be fired is set upon these cars and the cars are slowly moved through the entire length of the kiln entering at one end in the green state and emerging at the other end fired and sufficiently cool to be readily handled. At a point near the middle of the kiln there is what is known as the firing zone and in this zone are located the fire boxes which generate the heat for firing the ware. The combustion gases or fire is drawn from the firing zone toward the entrance end of the kiln. In this way the ware is gradually heated and great fuel economy is realized. Space will not permit going into further detail.

One of the first questions asked by the observer is how do we keep the cars and trackage from being damaged by the intense heat? The reply is that we prevent the heat from getting to the car or trackage. In the first place the entire length of the kiln is kept filled with cars at all times. When a car is pushed in on the entrance end a car is taken out on the discharge end. These cars which are just ordinary cast iron cars with four wheels in rigid housings. To the sides of these cars are attached plates projecting downward. These plates are known as sand seal plates. At the bottom of the kiln alongside the walls similar plates are built in and form troughs which are kept filled with sand. The plates on the cars dip into these troughs and form an effective barrier to the flow of hot gases. The tops of the cars are covered with a thick slab of terra cotta or tile as we choose to call it. These tile overhang the sides of the car and travel in grooves provided in the wall of the kiln. In this way an effective barrier is provided against radiation and conduction.

This kiln of the Gladding McBean Company is primarily intended for firing roofing tile. The other products could be fired in this kiln as well but the plant arrangement is such that it will be best adapted for the roofing tile. Estimating conservatively the output will be about thirty-five tons of this material every twenty-four hours. The kiln is 365 feet long and holds 43 cars. A car will be entered and a car taken out every hour. The cars will be pushed through the kiln by means of an electric pusher. The kiln will be fired with oil and a saving of 50 per cent is expected over the old method of firing. The most modern pyrometer equipment will be used on the kiln to facilitate accurate control of temperature.

The tunnel kiln is not a new idea. We have record of a tunnel kiln built in France in 1751. About sixty tunnel kilns were built by a German inventor who patented his design in 1877. However, most of these kilns proved failures because the inventors lacked the knowledge of combustion engineering.



Russell Tunnel Kiln at Gladding McBean & Company's Plant at Lincoln, Placer County, California.

Russell Engineering Company, the designers and builders of the Russell Tunnel Kiln, are furnace builders and combustion engineers exclusively. They built their first tunnel kiln eight years ago and this kiln is producing ware every day and has occassioned only a very small maintenance cost. It is used for firing sanitary ware as are most of our other installations.

The Gladding, McBean & Company kiln is being built by their own labor organization under the supervision of an engineer sent out by Russell Engineering Company. Mr. George Griffith and Mr. Sherman Carmen were mason foreman and carpenter foreman on the project.

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $13,000
OAKLAND, Alameda Co., Cal.—E Warfield S Mandana.
Two-story 14-room frame apartment building.
Owner—W. B. Vinnicombe, 914 Buena Vista Ave., Oakland.
Architect—None.
Contractor—V. E. Gindice, 806 Syndicate Bldg., Oakland.

Contract Awarded.
APT HOUSE Cost, $24,300
SAN FRANCISCO, S Chestnut 192-6 E Webster.
Three-story and basement frame apt. house and cottage.
Owner—Allessandro Piazzo, 148 Magnolia St., San Francisco.
Architect—C. W. Mahoney, 892 Union St., San Francisco.
Contractor—Kincanon & Perego, 159 Sutter St., San Francisco.

Contract Awarded.
ALTERATION Cost, $17,000
OAKLAND, Fairmont & Garland Sts.
Alter 2-story frame residence into 4 4-room apartments.
Owner—Lars Olsen.
Architect—W. H. Ratcliff Jr., 1st Natl. Bank Bldg., Berkeley.
Contractor—Enoch Trammel, 483 Crescent Ave., Oakland.

Plans Being Prepared.
STORE & APT. Cost, $50,000
OAKLAND, Piedmont Ave. near Montell Street.
Three-story frame and brick veneer store and apt. bldg.
Owner—Withheld.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

Contracts Awarded.
APT. BUILDING Cost, $90,000
SAN FRANCISCO, W Hyde S Sutter St.
Five-story and basement reinforced concrete apt. bldg. (25 2 & 3-room apartments).
Owner—Chas. Johnson, 36 Steiner St., San Francisco.
Architect—Baumann & Jose 251 Kearny St., San Francisco.
Concrete work to L. Vanucci, 16th and Church Sts.
Plumbing to Reliable Plumbing Co., 350 5th St., San Francisco.
Heating to Gilley-Schmidt Co., Inc., 198 Otis St., San Francisco.

Contract Awarded.
APARTMENT BLDG. $——
SAN FRANCISCO, SE. Francisco and Franklin Sts.
Two-story and basement frame apartment bldg.
Owner—Olga Barbero, 919 Vallejo St., San Francisco.
Architect—J. Zanolini, 604 Montgomery St., San Francisco.
General contract to John Harden $19,000
Painting to Demarta, Marino Co. 2136 Union St. 1328
Electric work to Central Elect. Co., 179 Minna St. 839
Plumbing to Frank Sasso, 558 Vallejo St. 1975

Contract Awarded.
STORE & APT. Cost, $24,000
BERKELEY, SE Alcatraz and College Avenue.
Two-story 18-room store and apt. bldg.
Owner—Mrs. Chester H. Rowell and Mrs. Olney.
Contractor—Mason-McDuffie Co., Shattuck Ave. and Addison St., Berkeley

Plans Being Figured.
APT. BLDG. Cost, $90,000
SAN FRANCISCO, E Franklin St. N Washington.
Four-story and basement class C apt. bldg. (18 4-room apts.).
Owner—L. D. Stoff, 919 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

Contract Awarded.
STORE & APT. BLDG. Cost, $80,000
SAN FRANCISCO, OFarrell E Hyde.
Five-story reinforced concrete class C store and apt. bldg.
Owner—E. Vignie.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor — Mattock & Feasey, 251 Kearny St., San Francisco.

SANTA MONICA, L. A. Co., Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., are preparing plans for a 5-story and basement class A hotel and apt. bldg. to be erected at the cor. of San Vicente Blvd. and Ocean Ave., for Mick & Doyle. It will be V-shaped, extreme dimensions, 240x208 ft., reinf. conc. constr., stucco exter., pine trim, elevators, steam htg., wall beds, tiled baths; cost $500,000. There will be 12 apts. of 2 and 3 rms. each and 32 hotel rms. and 30 baths on each floor, with dining rm., kitchen and hall rm. on the 6th floor.

LOS ANGELES, Cal.—J. M. Close, 422 Chapman Bldg., has prepared plans and will erect 3 16-unit bungalow courts, each unit to contain 3-rms., on Ardmore Ave., bet. 10th and 11th Sts., for himself. Frame and plas. constr, tile and comp. rfg., 1-sto. and 2-sto., hardw fls., tile baths and drainbds., gas rads., aut. water htrs., O. F. trim, wall beds, ornam. iron; cost $80,000.

LOS ANGELES, Cal. — Richardson Bldg. & Engr. Co., 141 N Larchmont Blvd., has been awarded a contract for erecting a 4-story class C apt. house at n.e. cor. of 11th and Lake Sts. for Julit A. Fitch. Cost, $165,000. Russell & Alpaugh, 1106 Story Bldg., archts It will contain 130 rms., 55 apts.; dimensions, 90x145 ft., brick walls, conc. basement, press. brick facing, marble and tile work, steel beams, comp. rfg., pine trim, wall beds, water htrs., gas rads., refrigerating plant, elevator.

BONDS

UKIAH, Mendocino Co., Cal. — Until Aug. 14, bids will be rec. by W H. Prather, county clerk, for the purchase of the $5000 bond issue of the Novo School District; proceeds of sale to finance school improvements.

SANTA BARBARA, Cal.—The $150,000 portion of the $400,000 bond issue for two elementary school bldgs. has been sold to National City Co. of Los Angeles for par, accrued interest, and a premium of $2017.50.

SONOMA, Sonoma Co., Cal.—Election will be called shortly to vote bonds of $25,000 to finance construction of additions to grammar school.

UKIAH, Mendocino Co., Cal.—Until Aug. 14, bids will be rec. by W. H. Prather, county clerk, for the purchase of the $35,000 bond issue of the Anderson Valley Union High School District; proceeds of the sale to finance the construction of a one-story frame and plaster school addition. Norman R. Coulter, 46 Kearny St., San Francisco, is the architect.

MERCED, Merced Co., Cal. — Until Aug. 7, bids will be rec. by county supervisors for the purchase of the $15,000 bond issue of the Madison School District and $11,000 issue of the Mitchell School District; proceeds of the sale in each instance to finance school improvements.

NORTH SACRAMENTO, Cal.—Election will be held Aug. 14 in North Sacramento School District to vote bonds of $6000 to finance school improvements. Trustees of district are: Lowell R. Smith, Chas. L. Gilmore and F. L. McGrew.

EL CENTRO, Val.—Until 10 a. m., Aug. 1, bids will be rec. by supervisors for the purchase of $30,000 bond issue of Brawley union high school dist. Bonds are $500 each, 5%. C. G. Mousseau clerk. Cert. check 10%.

NATIONAL CITY, Cal.—All items, including paving, city hall, jail and fire equipment, in the $157,000 bond issue, failed to carry at the recent bond election.

SACRAMENTO, Cal.—Election will be held Aug. 6 in Rio Vista Joint School District to vote bonds of $14,000 to finance school improvements. Trustees of district are: Mark I. Church, Mrs. Hallie Dirr and Geo. H. Lent.

OROVILLE, Butte Co., Cal.—Until Aug. 10, bids will be rec. by county supervisors, C. F. Belding, clerk, for the purchase of the $90,000 bond issue of the Durham Union High School District; proceeds of the sale to finance construction of new high school.

FAIRFIELD, Solano Co., Cal.—Election will be held Aug. 10 in Green Valley School District to vote bonds of $15,000 to finance construction of new school. Trustees of district are: C. R. Mangels, J. P. Lynch and Fred K Klusman.

SAN RAFAEL, Marin Co., Cal.—Until Aug. 7, bids will be rec. by county supervisors for the purchase of the $40,000 bond issue of the San Rafael High School District; proceeds of the sale to finance school improvements.

CHICO, Butte Co., Cal.—Vina School District votes bonds of $35,000 to finance construction of new 3-classroom and auditorium school; will be of concrete construction.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS $1.25 Net F.O.B. S.F.
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF.
PHONE SUTTER 5377

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

MERCED, Merced Co., Cal.—July 31 is the date set to vote tax of $25,000 to finance completion of paving work fronting the John Muir School and the construction of a new manual training building, purchase of a school bus and school equipment. C. S. Clark, principal of school.

OAKLAND, Alameda Co., Cal.—Election will be held Aug. 12 in Valle Vista School District to vote bonds of $1300 tro finance school improvements and purchase of equipment. J. G. Costa, King Caldeira and N. Bauer are trustees of the district.

CHURCHES

Commissioned To Prepare Plans.
CHURCH Cost, $75,000
SAN JOSE, Santa Clara Co., Cal.
Frame and brick veneer church.
Owner—Second Presbyterian Church.
Architect—Carl Werner, Santa Fe Bldg. San Francisco.

Completing Plans.
CHURCH Cost $45,000
BERKELEY, Northbrae.
Frame and stucco church.
Owner—Northbrae Methodist Episcopal Church.
Architect—Geo. Rushforth, 354 Pine St. San Francisco.

Contract Awarded.
CHURCH Cost, $80,000
STOCKTON, NE Lindsay & American Streets.
Reinforced concrete church.
Owner—Lutheran Church.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—Carl Nelson, 1421 E Channel St., Stockten.

MONTEBELLO, Los Angeless Co, Cal.—Archt. H. M. Patterson, 325 O. T. Johnson Bldg., has been commissioned to prepare plans for a new church building at Montebello, for the First Methodist Episcopal Church; will contain auditorium and balcony to seat about 800 people, gymnasium, kitchen, social hall, and graduated classrooms. Frame and plaster constr., tile and comp. rfg, O. P. and hardwood floors, 2-story, basement, gas unit heating, water heater, art glass, O. P. trim.

FACTORIES AND WAREHOUSES

Plans Complete.
FACTORY Cost, $160,000
SAN FRANCISCO, S Mariposa between Bryant and Florida Sts.
Two and 3-story reinforced concrete factory building.
Owner—Nucoa Butter Co., premises.
Engineer—Francisco & Jacobus, 511 5th Ave., New York.
Mr. Ludlow, 155 Townsend St., S. F. is representing the engineers. Contracts will be awarded shortly.

Plans Being Figured.
BUILDING Cost, $25,000
WOODLAND, Yolo Co., Cal., 4th and Main Streets.
One-story reinforced concrete office, shop and warehouse bldg. 55x100.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—Eng. Dept. of owner.

Contract Awarded.
FACTORY Cost, $10,000
SAN FRANCISCO S Folsom 18-4 Hampton Place.
One-story concrete factory.
Owner—R. L. Anderson.
Engineer and Contractor—J. H. Hjul, 1342 Mission St., San Francisco.

Contract Awarded.
PACKING PLANT Cost, $10,000
MADERA, Madera Co., Cal.
Frame packing plant with concrete cellar, 50x100 ft.
Owner—C. Cimino.
Architect—Not stated.
Contractor—A. Gendron, Madera, Cal.

Plans Being Figured.
STORAGE BLDG. Cost, $100,000
SAN FRANCISCO, NE Geary & Emerson Sts.
Seven-story reinforced concrete storage building.
Owner—Bekins Fireproof Storage Co., 13th and Mission Sts., San Francisco.
Engineer—Edw T. Flaherty, I. W. Hellman Bldg., Los Angeles (deceased).

Plans Being Revised.
FACTORY Cost, $20,000
SAN FRANCISCO, 25th bet. Potrero Ave. and Utah St.
One and two-story class B concrete factory.
Owner—Williams Bros. Aircraft Corp. 124 Van Ness Ave., S. F.
Architect—R. R. Irvine, 736 Call Bldg. San Francisco.
The plans will be revised making the structure smaller, but changing the construction from class C to class B.

Bids Being Taken For Plumbing and Electric Work.
FACTORY Cost, $24,000
SAN FRANCISCO, NE Mary and Natoma Streets.
Except vault door, toilet fixtures, plumbing, interior office partitions, heating, electric work, cast and wrought pipe, elevator and excavation for two-story basement and pent house reinforced concrete factory building.
Owner—Walter M. Willett, 512 Mission St., San Francisco.
Engineer — R. S Chew, Rialto Bldg., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.
Elevator awarded to Otis Elevator Co.
Excavating to Sibley Grading & Teaming Co.
Bids are being taken for the plumbing and electrical work. All other work will be done by Mr. Willett.

Bids In and Under Advisement.
FACTORY. $——
EMERYVILLE, Alameda Co., Calif.
Two-story reinf. concrete factory, 125 x300.
Owner—Standard Underground Cable Co, San Francisco.
Architect—B. H. Prack, 62nd and Green, Emeryville.
Among the contractors who figured were Lindgren Co., W. Littlefield, Lawton & Vezey, R. McLern Co. and Vensano.

LOS ANGELES, Cal.—Archts. Swasey & McAfee, Hibernian Bldg., are taking bids for erecting a 4-story bldg. on Alosta St. near Ezra St., for Acme White Lead & Color Works. One-story with a mezzanine story, 200x160 ft., brick walls, comp. rfg., sawtooth skylights, steel sash, steel rolling doors, cem. fls., conc. vault, steel vault door, hydraulic elevator; office fixtures; $60,000.

LOS ANGELES, Cal.—Union Iron Works, 5125 Santa Fe Ave., submitted low bid to city harbor comm., July 20, at $38,712 for constructing extension to steel frame transit shed at Berth 154, under spec. No. 492; time limit, begin in 1 day, complete in 125 days. Other bids were: Union Constr. Co., 14th St., Oakland, $39,900; start in 60 days complete in 120 days; Austin Co. of Calif., 702 P. E. Bldg., L. A., $41,900; start in 10 days; complete in 180 days; Bremacher Iron Works, 1668 Long Beach Ave., L. A., $49,280; start in 90 days, complete in 180 days.

ORANGE, Cal.—Western Cordage Co. has announced plans for the first unit of a factory to cost $125,000, for the manufacture of manila rope; 1-story brick bldg., 100x120 ft., and whse., 40x 60 ft. O. B. Eller, pres., Fred A. Grote, vice president.

LOS ANGELES, Cal.—Archts. Edelman & Barnett, 726 H. W. Hellman Bldg, have completed preliminary plans for a class A warehouse, to be erected on E 2nd St., near Santa Fe Ave., for A. L. Stetson. Dimensions, 86x260 ft., 4-story and basement, reinf. concrete constr., comp. rfg., conc. fls. and exter. sprinkler system, comp. rfg., steel sash.

LOS ANGELES, Cal.—Lloyd & Casler, 509 Jr. Orpheum Bldg., are having plans prepared and will erect a 3-story class C loft bldg. on Wall St. adjoining their property at cor. Pico and Wall Sts., for themselves. Brick walls, 3-sto., and part basement, 44x150 ft., pressed brick facing, comp. rfg., bldg. to contain 21,000 sq. ft. of floor space, electric elevator, cem. and maple fls., steel sash, sprinkler sys., plate and wire glass.

LOS ANGELES, Cal.—Hamm & Grant Inc., industrial engrs., 607 Ferguson Bldg., have completed plans for a grain elevator and flour mill to be erected at 55th and Alameda Sts., for Calif. Milling Corp. Grain elevator, reinf. conc., consisting of cylindrical bins, 33x70 ft. in plan, with reinf. conc. head house 135 ft. high; flour mill, 35x82 ft. in plan, 5-sto; brick walls, struc. steel frame 1st and 2nd fls., mill constr. above, steel sash, comp. roof. Constr. will be started at once on these bldgs. Hamm & Grant Inc. are now preparing plans for a 2-sto. steel and corr. iron warehouse, 100x200 ft. and a 1-story brick office bldg., 30x60 ft., for the same owners. Total cost of above bldgs. approx. $150,000.

FRESNO, Fresno Co., Cal.—Maisler Bros., 2244 Railroad Ave., Fresno, have purchased site and will erect a $30,000 fireproof warehouse at the southwest corner of California street and Van Ness avenue. Will be one-story in height of fireproof construction.

SAN JOSE, Santa Clara Co., Cal.—Until September 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to erect county equipment building at the Corporation Yard in Town of Mountain View, Supervisor District No. 5. Plans obtainable from office of clerk.

LIVERMORE, Alameda Co., Cal.—The Oso Products Co., 1053 Mission St., S. F., will erect a factory in Livermore. Further details will be given later.

LOS ANGELES, Cal.—The California Clay Products Co. has been organized with a capital of $1,500,000 for the purpose of erecting a tile and brick mfg. plant on 12-acre site near Los Angeles. The company is negotiating for the interests and holdings of the existing company on Santa Fe Ave., Los Angeles. The new site will be in Cudahy. Construction will start within 60 days. The first unit of the plant will be $250,000, the other units costing an equal amount, to be built later. These back of the project are: Arthur W. Savage, Victor Kremer, R. B. Keeler, S. C. Hagen and W. H. Hamaker, vice-pres. Los Angeles Continental National Bank.

SAN DIEGO, Cal.—George W. Kuummer, Seecy. and Gen. Mgr. of the Vitrified Products Corp., states that $100,000 additional will be spent on new buildings at the company's plant in Old Town. The first unit, costing $150,000, is practically complete. The company manufactures brick and other allied products.

FLATS

Plans Being Figured.
FLATS Cost, $12,500
SAN FRANCISCO, N Chestnut St. W Van Ness Ave.
Two-story frame and plaster flats.
Owner—Mrs Cole.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

Contract Awarded.
FLAT BLDG. Cost, $13,000
SAN FRANCISCO, W Franklin St. N Lombard.
Two-story and basement frame & plaster flat bldg. (2 flats and garage).
Owner—A. Catuna.
Architect—O. R. Thayer, 110 Sutter St. San Francisco.
Contractor—V. Filippis, 1527 Powell St. San Francisco.

GARAGES

Work Underway.
BUILDINGS Cost, $—
SAN RAFAEL, Marin Co., Cal.
Reinforced concrete garage and frame and plaster service bldgs.
Owner—Pacific Gas & Elec. Co., 445 Sutter St., S. F.
Architect—Engr. Dept. of owner.
Contractor—L. R. Holm, 325 Gowling Blvd., San Leandro.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON D. C.—Following bids received by Bureau of Yards and Docks Navy Department, under Specification No. 4760 for mine storage building at the naval station, Pearl Harbor H. T.

Hawaiian Contracting Co., Ltd., $54 Kuhumana St., Honolulu, item 1, $102,-257, 270 days; 2, $100,532, 270 days; 3a, $5000, 30 days; 3d, $5000, 30 days; 4a $4850; 4d, $4850.

Walker & Ohlen, 820 Lower Pikoe St. Honolulu, T. H., item 1, $100,000, 270 days; 2, $100,000, 270 days; 3, $4100, 10 days; 4, $4100, 10 days.

J. L. Young Engineering Co., Ltd., Campbell Bldg., Honolulu, T. H., item 1, $96,300, 270 days; 2, $96,300, 270 days; 3, $4000, 3 days; 4, $4000, 3 days.

W. F. Martens 112 Cutler Bldg. Rochester, N. Y., item 1, $87,497, 310 days; 2, $86,497, 310 days; 3 add $4100, 15 days, deduct $2860, 5 days; 4, add $4050, 15 days, deduct $2810, 5 days.

Ralph E. Wooley, Campbell Bldg., Honolulu, T. H., item 1, $116,852, 270 days; 2, $114,899, 270 days; 3, $8776; 4, $8518.

J. Pringle, 212 Anita road, Burlingame, Calif., item 1, $87,000, 270 days; 3, add $5500, deduct $5000.

WASHINGTON, D. C.—Plans are being completed by the Bureau of Yards and Docks, Navy Department, for work under the following specifications, further mention of which will be made when bids are asked:

Spec. 4882, Pearl Harbor, H. T., reroofing buildings.

Spec. 4885, San Diego, Calif., dredging; bids opened at yard.

Spec. 4888, San Diego, Calif., additional filling; bids to be opened at yard.

WASHINGTON, D. C.—Until Aug. 15, bids will be rec. by Bureau of Yards and Docks, Navy Department, under Specification No. 4821, for electrical installation at San Diego, Calif. Deposit of $10 req. for plans, obtainable from bureau.

WASHINGTON, D. C. — Following bids received by Bureau of Yards and Docks, Navy Department, under specification No. 4761, for extension to battery storage and overhaul at Pearl Harbor, T. H.:

Item 1, entire work, complete; 2, do, alternate A; 3, add to or deduct from item 1 for each interior bay added or omitted; 4, add to or deduct from item 2 for each bay added or omitted; 5, price per cu. yd. of concrete in place; 6, price per lin. ft. of concrete pile; 7, price per lb. of reinforcement, complete in place.

Hawaiian Contracting Co., Honolulu, H. T., item 1, $97,758, 210 days; 2, $95,-970, 210 days; 3, add $5938, 30 days, deduct $5112; 5, $30.87; 6, $2.50; 7, 6c.

Walker Ohlen, Honolulu, T. H., item 1, $88,900, 210 days; 3, $5600, 5 days; 4, $5600; 5, $45.50; 6, $4.87; 7, 6c.

Henry L. Fernandez, 1023 Aleakea St., Honolulu, T. H., item 1, $110,500, 210 days; 2, $115,500, 210 days; 3, $7700; 4 $8200; 5, $31; 6, $2; 7, 4c.

J. L. Young Engineering Co. Campbell Bldg., Honolulu H. T., item 1, $96,-000, 210 days; 2, $96,000, 210 days; 3, $6000; 4 $6000; 5, $48; 6, $5. 7, 7c.

W. F. Martens, Rochester, N. Y., item 1 $93,273, 21 days; 2 $92,273; 3 add $4400 (15 days), deduct $3000 (5 days); 4 add $4300 (15 days), deduct $2900 (5 days); 5 add $32, deduct $17; 6 add $4, deduct 60c; 7 add 7c, deduct 4c.

PALO ALTO, Santa Clara Co., Cal.—An expenditure of at least $286,000 between now and July 1, 1924 is contemplated for the further completion of the Veterans' Hospital at Palo Alto, according to Frank E. Leslie, commanding office of the hospital. The above sum will include $50,000 for repairs and alterations to the old hospital group.

WASHINGTON, D. C.—Until Aug. 15, bids will be rec. by Bureau of Yards and Docks, Navy Department, under Specification No. 4832, for barracks and wiring mess hall at naval station, San Diego, Calif.

PALO ALTO, Santa Clara Co., Cal.—Forderer Cornice Works, Potrero Ave., and 16th Sts., San Francisco, at $2478.35 time to complete 120 days, awarded contract by Supervising Architect, Treasury Department, Washington, D. C., for 97 metal grilles for the veterans' hospital at Palo Alto.

WASHINGTON, D. C. — Following bids received by Bureau of Yards and Docks, Navy Department, under Specification No. 4827 for fire protection system at the naval station, Pearl Harbor, H. T.:

Hawaiian Contracting Co., Honolulu, T. H., $28,600; 180 days.

W. F. Martens, Rochester, N. Y., $30,-932; 180 days.

Walker — Ohlen, Honolulu, T. H., $33,500; 180 days.

Ralph E. Wooley, Campbell Building, Honolulu, T. H., $31,461; 180 days.

D. B. Cummins, Honolulu (Wiekekie Hotel), $34,000; 180 days.

J. L. Young Engineering Co., Campbell Building, Honolulu, T. H., $32,000; 180 days.

Newport Contracting and Engineering Co., Newport News, Vr., $35,116; alternate, $32,616.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies & Accounts Navy Department, for fur. and del. supplies to Navy Yards, as follows: date for opening bids as noted at end of each paragraph:

Schedule 1105, for Mare Island, 600 ft. iron soil pipe, July 31.

Schedule 1106, for various eastern and western yards, miscellaneous steel pipe and tubing, August 14.

Schedule 1108, for Mare Island, 5000 deck scrubbing brushes, August 14.

Schedule 1115, for Puget Sound, 27,000 pounds electrodes, August 14.

Schedule 1116, for Mare Island, 3500 pounds copper pipe, August 14.

Schedule 1118, for various eastern and western yards, miscellaneous wire rope, August 7.

Schedule 1119, for various eastern & western yards, 7314 pounds tool steel, August 7.

Schedule 1125, for various eastern and western yards, miscellaneous magnesia pipe covering and blocks, August 14.

Schedule 1126, for various eastern and western yards, miscellaneous copper pipe and tubing, August 14.

DENVER, Colo.—Following bids received by U. S. Reclamation Service, for furnishing two 72-in. plate steel outlet pipes for Tieton dam, Yakima storage project, Washington, specification 323-D:

Riter-Conley Co., item 1, $39,150; delivery point Pittsburgh.

Llewellyn Iron Works, Los Angeles, Calif., item 1, $32,954; 3, $20; delivery point Los Angeles.

Coast Culvert and Flume Co., item 2, $37,966; 3, $15; delivery point Portland, accepted.

Western Pipe & Steel Co., item 1, $39,300; 3, $20; delivery point San Francisco.

Wm. B. Pollock Co., item 1, $35,600; 3, $20; delivery point Youngstown.

The Stearns-Roger Mfg. Co., item 2, $41,244; 3, $17.50; delivery point Denver.

SAN FRANCISCO—Until July 31, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4682-466 for fur. and del. Rio Vista, Solano county, Miscellaneous packing, gaskets, belts, etc.

DENVER, Colo.—See "Official Proposals," this issue. (Concrete and steel vaults).

WASHINGTON, D. C.—Until Aug. 15 bids will be received by the Bureau of Yards and Docks, Navy Department, under Specification No. 4861 for furnishing and installing electric traveling bridge crane at Puget Sound, Wash.

SAN FRANCISCO—Until Aug. 1, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4683-466, for fur. an ddel Rio Vista, Solano County: 200 lbs. white lead, in oil 25 lbs. can; 50 gals. paint, inside white, flat 5 gal. cans; 1 bbl. cold water paint, white.

SAN FRANCISCO—Until Aug. 1, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4681-466 for fur. and del. Rio Vista Solano County: Miscellaneous hardware and supplies.

HALLS AND SOCIETY BUILDINGS

Steel Bids to Be Taken in Two Weeks.
STORE, E.C. Cost, $1,000,000
SAN FRANCISCO. N Post St, bet. Powell and Mason Sts.
Thirteen-story Class A store and club building.
Owner—Elks' Club.
Architect—Meyers & Johnson, 742 Market St., San Francisco.

Plans Being Prepared.
CLUB BLDG. Cost, $17,000
RED BLUFF, Tehama Co., Cal.
1½-story brick club bldg.
Owner—Women's Club.
Architect—Cole & Brouchoud, Chico

RIVERSIDE, Riverside Co., Cal. — Following the sale of the present B. P. O. E. club house bldg. at 11th and Main Sts., for $32,000, the lodge expects to start work at once on the new $100,000 bldg. at Whittier Pl. and Market St. Frank A. Gardner, chairman board of trustees.

LOS ANGELES, Cal.—The Jonathan Club has secured an option of the property at n.w. cor. of Figueroa and 6th Sts. and contemplates the erection of a limit-height class A club and office bldg. to cost about $2,000,000.

PETALUMA, Sonoma Co., Cal.—The Petaluma Golf and Country Club has voted to issue notes for $25,000 to finance construction of a new club house.

PETALUMA, Sonoma Co., Cal.—The Central Labor Council has been granted a building permit by the city council to erect a $20,000 labor temple on Sixth St., bet. B and C streets. Will be of frame construction with stucco exterior. Provision has been made in the plans for the addition of another story and several wings, additional ground area having been purchased for the purpose. H. A. Warmouth is business agent of the council.

OAKLAND—See "Banks, Stores and Offices," this issue.

ANAHEIM, Los Angeles Co., Cal.—Archts. Jeffery & Schaefer, 1106 Kerckhoff Bldg., are preparing plans for a three-story brick store and lodge building to be erected at Anaheim for the Knights of Pythias Lodge. It will be 60x140 ft. with stores in the first story, lodge room, banquet room, kitchen and rest rooms in second story, and club rooms on third floor. Brick constr., concr. basement, pressed brick and terra cotta exterior. Cost, $80,000.

PLACERVILLE, El Dorado Co., Cal.—Until Aug. 7, 2 P. M., bids will be rec. by Arthur J. Koletke, County Clerk, to erect two-story masonry American Legion Memorial Clubhouse in Main street. Cert. check 10% payable to Chairman of Bd. of Supervisors req. with each bid. **See call for bids under official proposal section in this issue.**

PLACERVILLE, El Dorado Co., Cal.—County supervisors have approved plans and bids will be asked shortly to erect the American Legion Memorial Clubhouse in Main Street, Placerville. Est. cost is placed at $15,652.

MT. DIABLO CEMENT

A Contra Costa County Product. Awarded Gold Medal P. P. I. E.

Cowell Santa Cruz Lime

Always used where quality counts.

HENRY COWELL LIME & CEMENT CO.

2 MARKET STREET SAN FRANCISCO, CALIF.

BRANCHES

Oakland San Jose Sacramento Santa Cruz Portland, Ore. Tacoma, Wash.

CALIFORNIA
PLATE & WINDOW
GLASS
COMPANY.
1477 EDDY ST.
SAN FRANCISCO.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

MARTINEZ, Contra Costa Co., Cal.—The Pythian Building Assn., of Martinez, organized for the purpose of erecting a modern store and lodge building in Martinez, has appointed a committee to secure preliminary plans and estimates of cost for the proposed structure. The committee, which will submit a report the latter part of August, consists of L. L. Hohl, H. F. Caskey, C. D. Miller and Eri Osborne.

HOSPITALS

BAKERSFIELD, Kern Co., Cal. — Following low bids were received by county supervisors for various units of the county hospital group:

Contracts were awarded. Chas. H. Biggar, Bakersfield is the architect.

Electrical Work

Kern Valley Elec. Co. $23,000
Star Elec. Co., Bakersfield (awarded) 21,718

Elevators and Dumbwaiters

Pacific Elevator and Equipment co., San Francisco $12,000
Otis Elev. Co., S. F. (awarded) .. 12,650

Hardware

Pioneer Mercantile Co., Bakersfield (awarded) $14,012.50
Weill's Dept. Store, Bakersfield 14,900.00

Painting

Raphael Zelinsky, San Francisco (awarded) $17,336
Wm. G. Reed, Bakersfield..... 19,745
Morans & Morrison, Bakersfield 19,680

Plumbing Fixtures

Bakersfield Plumbing Company, Bakersfield (awarded) $30,963
Wm. Collison, Bakersfield 34,087

LONG BEACH, Los Angeles Co., Cal.—R. E. Campbell, 607 Bancroft Bldg., San Diego, submitted low bid to City Mgr. Chas. Windham, July 19, at $233,265 for erecting the new municipal hospital at State and Termino Sts., Long Beach. Hugh R. Davies and Edw. J. Baume, 514 Marine Bank Bldg., Long Beach, are the architects. Reinforced concrete construction, 3-wing type connected with cloister and administration building in central patio; tile roof. Other bids were: C. T. McGrew & Son, Long Beach, $246,690; S. M. Kerns, Long Beach, $273,000; J. D. Sherer, Long Beach, $290,734.

LAKEPORT, Lake Co., Cal.—Until Aug. 13, 11 a. m., bids will be rec. by Fred H. Merritt, county clerk, to construct addition (annex) to county hospital. Cert. check 10% payable to Board of Supervisors req. **See call for bids under official proposal section in this issue.**

MADERA, Madera Co., Cal.—County Surveyor J. O. Rue is preparing plans for a one-story, six-room concrete block pest house to be erected at the county hospital ground. Bids will be asked shortly.

VISALIA, Tulare Co., Cal.—Tulare County Supervisors have accepted "unconditionally" a site offered by the city of Tulare for a new county hospital. County Surveyor Laurence A. Moye has been instructed to plot out for the ground for the planting of trees preparatory to order plans for the structure. Early construction is not planned, however

LONG BEACH, L. A. Co., Cal.—R. E. Campbell, 607 Bancroft Bldg, San Diego submitted low bid to City Mgr. Chas. Windham, July 19, at $233,265 for erecting the new municipal hospital at State and Termino Sts., Long Beach. Hugh R. Davies and Edward J. Baume, 514 Marine Bank Bldg., Long Beach, archts. Reinf. conc. constr., 3-wing type connected with cloister and administration bldg., in central patio; tile rf. Other bids were: C. T. McGrew & Son, Long Beach, $246,690; S. M. Kerns, Long Beach $273,000; J. D. Sherer, Long $283,267; J. W. Davison, Long Beach, $290,734.

BAKERSFIELD, Kern Co., Cal.—Following low bids were received by county supervisors for various units of the county hospital group:

R. Zelinsky, San Francisco and Bakersfield, painting, $17,336.

Electric Wiring and Fixtures, material and installation, Star Electric Co., Bakersfield, $27,718.

Plumbing, Bakersfield Plumbing Co., Bakersfield, $30,963.

Hardware, Pioneer Mercantile Co., Bakersfield, $14,012.50.

Elevators and dumbwaiters, Otis Elevator Co., San Francisco, $12,650.

Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Complete list of bids will be published shortly.

NEWMAN, Stanislaus Co., Cal.—Construction will be started shortly on a 12-room addition to the present hospital operated by Dr. Hugh Smith. Construction will be of concrete. Dr. Frank Noble of Michigan is associated with Dr Smith in the hospital which will be in the future known as the Smith Hospital.

HOTELS

Contract Awarded.
HOTEL & STORE Cost, $63,000
FRESNO, Fresno Co., Cal. Fresno and G Sts.
Fireproof hotel and store building.
Owner—Rampaniandol.
Architect—None.
Contractor—Joe Lo Forti, 2067 Clay St., Fresno.

Plans to be Prepared.
HOTEL, ETC. Cost, $250,000
SONOMA, Sonoma Co., Cal. Valley of the Moon.
Hotel, club house, garage buildings, etc.
Owner—Mission Inn Corporation, Oscar Klatt, Secretary.
Architect—MacDonald & Couchot, 234 Pine St., San Francisco.
Stock is now being sold for the improvements and plans will not be prepared until the money is raised.

Contract Awarded On A Percentage Basis.
ALTERATIONS Cost, $60,000
SAN FRANCISCO, S Market W 8th Hotel Whitcomb.
Extensive alterations and additions to lobby and dining room, etc. of hotel
Owner — Whitcomb Estate, Jas. Otis, trustee.
Architect—Geo Rushforth, 354 Pine St. San Francisco.
Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco.

Sub-Figures Being Taken—Steel and Grading Contracts Awarded.
APT. HOTEL Cost, $500,000
SAN FRANCISCO, NW Taylor and O'Farrell Sts.
12-story and basement class A apt-hotel 62x112-6.
Owner—Matthew A. Little.
Architect—E. E. Young, 2002 California St., San Francisco.
Steel awarded to Central Iron Works
Grading to McClure.
Carpentry work to be done by day's labor.

Contract Awarded on a Percentage Basis.
STORE & HOTEL Cost, $30,000
RICHMOND, Contra Costa Co., Cal., S Macdonald Ave. bet. 15th and 16th Streets.
Two-story reinforced concrete store and hotel building.
Owner—B. Schapiro, 1002 Macdonald Ave., Richmond.
Architect—Roy Bancroft, St. Marks Hotel Oakland.
Contractor—Tandy & Thies, 234 Chanslor, Richmond.

Wodrking Drawings Ordered Prepared.
HOTEL Cost, $300,000
MARYSVILLE, Yuba Co., Cal., 5th & E Sts. 163 x 119-8.
Six-story reinforced concrete hotel, 131 rooms, 11 sample rooms and 80% baths (pressed brick exterior).
Owner—Marysville Hotel Co.
Architect — Edward Glass, Underwood Bldg., San Francisco.
Construction will be started within three months.

FALLON, Nevada—George Wingfield, Reno capitalist and hotel man, has announced his intention of adding another story to the Rex Hotel to be known in the future as the "Lahontan." Plans for the addition have already been prepared.

LOS ANGELES, Cal.—See "Schools," this issue.

REDDING, Shasta Co., Cal.—Joseph Aussen, Redding, has had plans prepared and will shortly let a contract for the erection of a $30,000 hotel building at the northeast corner of Shasta and California Sts.

POWER PLANTS

SAN FRANCISCO—The Pacific Gas & Elec. Co. has awarded contracts for steel work as follows:

To Union Construction Co., for substation "T" in San Francisco and for the station of Pittsburg.

To California Steel Co., the 50th Ave. station in Oakland.

PUBLIC BUILDINGS

MODESTO, Stanisluas Co., Cal.—As previously reported, bids will be rec. by C. C. Eastin Jr., County Clerk, to erect Juvenile Detention Home in Modesto. Will be two story brick construction. Est. cost, $30,000. Jas. H. Hoose, architect, Ramont Bldg., Modesto. **See call for bids under official proposal section in this issue.**

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

OAKLAND, Cal.—The City Clerk of Oakland opened bids on July 26th for steel sash.
John Steffen Lomax Co. $1089
Detroit Steel Products Co. 1171

OAKLAND, Cal.—R. W. Littlefield, 351 12th St., Oakland, has been awarded a contract by the City Clerk of Oakland for steel rolling doors. Contract price $17,456.

LOS ANGELES, Cal.—Van Dorn Iron Wks. Co., 616 A. G. Bartlett Bldg., submitted low bid to county supervisors July 23, at $400,513 for steel jail and jail equipment for new Los Angeles hall of justice under Spec. and plans No. 352. Other items were: (1) if gratings at either end of stair corridors are made of non-tool proof steel, deduct $2757, (2) if cell clocks J and K are made entirely of non-tool proof steel, deduct $2223, (3) if lever locking devices for the cells in blks. J and K are omitted and the slinding doors locked individually by means of key locks, deduct $3492; time limit, 375 wkg. days. Their bid on spec 351 was: $586,764, (1) $2757, (2) $3714, (3) $5178; 465 wkg. days. Pauly Jail Bldg. Co., 1203 W 7th St., submitted bids as follows: Spec 352—$438,715, (1) $10,279, (2) $7082, (3) $4050; time limit, 490 wkg. days. This company submitted alternative bids as follows: (using Pauly special non-annealable tool-proof steel), $462,721; (1) $10,935, (2) $7437, (3) $4050; 490 wkg. days. Spec. No. 351 (using Pauly special steel), $653,523, (1) $10,935, (2) $10,-742, (3) $5760; 550 wkg. days. Spec. 351 (as per county's spec.) $614,950, (1) $10,279, (2) $10,098, (3) $5760; 550 wkg. days.

LOS ANGELES, Cal.—Until 11 a. m., Aug. 20, bids will be rec. by the L. A. Board of Supervisors for constructing the concrete foundation for the new Hall of Justice Bldg. to be erected at Broadway and Temple Sts. Plans and spec. may be obtained at office of the board, Hall of Records.

WOODLAND, Yolo Co., Cal.—Until Aug. 6, 5 p. m., bids will be rec. by J. H. Laugenour, city clerk, to constr. rest room in Main Street City Park. Cert. check 5% req. with each bid. Plans obtainable from clerk.

EUREKA, Humboldt Co., Cal.—County supervisors have purchased site on which it is proposed to erect a $200,000 county courthouse. Fred M. Kay is county clerk.

MADERA, Madera Co., Cal.—Until Aug. 6, 10 A. M., bids will be rec. by L. W. Cooper, County Clerk, for fur, one No. 87 Diebold Manganese Safe, allowing $1,000 f. o. b. Madera for the safe now in use in the office of the County Treasurer. Further information obtainable from County Clerk. **See call for bids under official proposal section in this issue.**

RESIDENCES

Sub-Contracts Awarded.
RESIDENCE Cost, $25,000
SAN MATEO, Cal., Sub 1 San Mateo Park on West Poplar Ave.
One-story frame and stucco English style residence and separate garage (10 rooms, 4 bathrooms).
Owner—J. C. Fyfe, 515 Almer, San Mateo.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—S. A. Wisnom, A St., San Mateo.
Plumbing awarded to Joe Grimes.
Electric work to Foster Elec. Co., San Mateo.
Heating to Royal Heating Co., S. F.
Plastering to Geo. Leith, San Mateo.

Plans Being Figured.
RESIDENCE Cost—
HILLSBOROUGH, San Mateo Co., Cal.
1½-story frame and stucco residence and separate garage (12 rooms).
Owner—A. S. Lamond.
Architect—Alfred H. Kuhn & Thos. M. Edwards, 833 Market St., S. F.
Figures are being taken for a gen-

Plans Being Prepared.
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Cal. Bushnell and Virginia Sts.
Two-story and basement frame and stucco residence and garage (9 rooms).
Owner—Withheld.
Architect—Jas. W. Plachek, 2014 Shattuck Ave, Berkeley.

Plans Being Prepared.
RESIDENCE Cost, $20,000
SAN MATEO, Cal.
Two-story frame and stucco residence.
Owner—Harry T. Blackwood.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $12,713
SAN FRANCISCO, SE Cabrillo and 3rd Avenue.
Residences.
Owner—Chas. A. & Anna D. Roller.
Architect—A. F. Roller.
Contractor—Conlan Bros., 842 Guerrero St., San Francisco.

Figures To Be Taken This Week.
RESIDENCE Cost, $12,000
SAN RAFAEL, Marin Co., Cal.
Two-story brick residence.
Owner—H. Cailleaud.
Architect — O'Brien Bros., 318 Montgomery St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco residence with Cardova tile roof (8 rooms, separate garage).
Owner—Withheld.
Architect—Arthur Scholz, Phelan Bldg. San Francisco.
Plans will be ready for figures in a month.

Plans Being Figured.
RESIDENCE Cost, $10,000
BERKELEY, Arlington Ave.
Two-story frame and plaster residence.
Owner—S. M. Ray.
Architect — Chas. W. McCall, Central Bank Bldg., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $15,000
SAN FRANCISCO, Portola Drive.
Two-story frame and plaster residence. (8 rooms and garage).
Owner—Dr. Henry W. Nasser.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
DWELLING Cost, $12,715
SAN FRANCISCO, SE Cabrillo & 3rd Avenue.
One-story and basement frame dwlg.
Owner—C. A. Roller, Call Bldg., S. F.
Architect—A. F. Roller, 215 Front St., San Francisco.
Contractor—Conlan Bros., 1935 Howard St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $10,000
OAKLAND, Lakeshore Highlands.
Two-story frame and stucco residence.
Owner—Withheld.
Architect—W. E. Schirmer, Thayer Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,295
SAN JOSE, Santa Clara Co., Cal., Lots 18, 19 & 20, Blk — Vendome Addition.
1½-story and half frame residence.
Owner—Hiram & Tuttle, San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—C. V. Brown, 521 N 16th St., San Jose.

Segregated Figures Being Taken.
RESIDENCE Cost, $——
PIEDMONT, Alameda Co., Cal.
Two-story and basement frame and stucco residence with tile roof (12 rooms and garage).
Owner—Marshall C. Seagrave.
Architect — Houghton Sawyer, Hearst Bldg., San Francisco.

Contract Awarded.
DWELLING Cost, $13,000
OAKLAND, 41 Echo Ave.
Two-story 16-room dwelling.
Owner—L. E. Swain.
Contractor—Cal. Bldrs. Co. 1534 Franklin St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $30,000
TUDOR, Sutter Co., Cal.
Two-story frame and stucco residence with tile roof (10 rooms and 3 bathrooms).
Owner—W. A. Saunders, Tudor Cal.
Architect—Cole & Brouchoud, Chico.
Terra cotta tile roof, hot water heating system, hardwood floors and interior finish.

MODESTO, Stanislaus Co, Cal—Until Aug 14, 10 A M, bids will be rec. by C. C. Eastin, Jr., County Clerk, to construct three-room and bath dwelling house at the Basso Ferry for keeper's quarters. Cert. Check 10% req. with each bid. Jas. H. Hoose, Architect, Ramont Bldg., Modesto. Plans obtainable from architect and on file in office of clerk.

SCHOOLS

Commissioned To Prepare Plans.
COLLEGE BLDGS. Cost, $600,000
BELMONT, San Mateo Co., Cal.
Group of reinforced concrete college buildings.
Owner—Notre Dame College, San Jose.
Architect—John J. Donovan, Oakland.
As reported before, the present college site and buildings at San Jose were sold to E. Tropp & Crittenden of S. F. on which they will erect a large hotel.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Commissioned To Prepare Plans.
SCHOOL Cost, $200,000
LIVINGSTON, Merced Co., Cal.
Fireproof high school.
Owner—Livingston Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Bonds have been sold.

Commissioned To Prepare Plans.
HIGH SCHOOL Cost, $500,000
EUREKA, Humboldt Co., Cal.
Group of reinforced concrete high school buildings.
Owner—Eureka High School Dist.
Architect—John J. Donovan, Oakland.

Contract Awarded.
BUILDING Cost, $18,875
MERCED, Merced Co., Cal.
One-story hollow tile manual arts bldg 40x120 and additions.
Owner — Merced Union High School District.
Architect—Allison & Allison, Hibernian Bldg., Los Angeles, and W. E. Bedesen, Engineer, 21 Shaffer Bldg., Merced, associate.
Contractor—J. B. Hart, 2133 Kern St., Fresno.

All Bids Rejected—New Bids to be Called For in a Few Days.
SCHOOL Cost, $35,000
SACRAMENTO, Cal. Riverside Road. (Riverside School)
One-story frame and stucco school with tile roof.
Owner—City of Sacramento.
Architect — Woollett & Lamb, Mull Bldg., Sacramento.
Slight changes will be made in the plans.
When bids were opened on July 9th, Chas. F. Mabrey, Ochsner Bldg., Sacramento, submitted the lowest bid on the general contract at $32,474; Luppin & Hawley on the plumbing, $2779, and heating, $3689 and Latourrette-Fical Co. on the electrical work at $1600.

Plans Being Prepared.
SCHOOL Cost, $35,000
VINA, Tehama Co., Cal.
One-story reinforced concrete school building (3 rooms and an auditorium).
Owner—Vina Grammar School District.
Architect — Cole & Brouchoud, Chico, Calif.

Plans Being Revised.
CONVENT Cost, $60,000
SAN FRANCISCO, Green St., between Steiner and Pierce Sts.
Two-story reinforced concrete parochial school and convent (St. Vincent de Paul Church).
Owner—Roman Catholic Archbishop of San Francisco.
Architect — Shea & Shea, Chronicle Bldg., San Francisco.

Contract Awarded.
ADDITION Cost, $12,117
SAN JOSE, Santa Clara Co., Cal.
Addition to school.
Owner—Burbank School District.
Architect — Binder & Curtis, Binder Bldg., San Jose.
Contractor—McCombs & Lomax, 52 N 2nd St., San Jose.

Plans Being Figured—Bids Close Aug. 10, 1923.
SCHOOL Cost, $7000
HAMILTON CITY, Glenn Co., Cal.
One-story school (1-room, hot air heating system).
Owner—Hamilton City Union Grammar School District.
Architect—Cole & Brouchoud, Chico.

LOS ANGELES, Cal.—J. C. Bannister, 903 N. Mariposa Ave., was awarded the general contract at $74,330 for erecting a new building at Wilshire Crest school site; Otto H. Neher, Architect. Other contracts were awarded as follows: Plumbing to E. W. Crowell at $4720; heating to Franklin & Boyce at $5780; painting to R. Rasmussen at $1445; wiring to H. H. Walker at $3376.

LOS ANGELES, Cal.—McFadden and Winkelman, 1102 W. Pico St., was awarded a contract at $129,660 for erecting groups 1, 2, 3 and 5 comprising about 47 bungalows at various school sites. Amyot & Belanger, 1238 El Molino St., were awarded a contract at $5775 for group 4.

LOS ANGELES, Cal.—J. C. Bannister, 903 N. Mariposa Ave., was awarded the general contract at $60,000 for erecting a new school building at Alexandria Ave. school site; Loy L. Smith, architect. Other contracts were awarded as follows: Plumbing to G. C. Sutton at $5447; heating to Western Engineering & Construction Co. at $5909; painting to R. Rasmussen at $1464, and wiring to H. H. Walker at $3112.

LOS ANGELES, Cal.—Chester H. Hovey, So. Pasadena, was awarded the general contract at $46,304 for erecting a new building at Bridge St. School site; Hudson & Munsell, architects. Other contracts were awarded as follows: Plumbing to G. C. Sutton at $2682; heating to Thos. Haverty Co. at $5904; painting to R. P. Tuttle at $2134; and wiring to Soengen Electric Co. at $2225.

LOS ANGELES, Cal.—J. C. Bannister 903 N Mariposa Ave., was awarded the general contract at $78,266 for erecting class room and shop additions at John Muir junior high school site; John C. Austin, archt. The contract was awarded on the original bid of $77,505 for 3 bldgs. with a deduction of $1304 for omitting blackboards and an addition of $2520 for constructing boiler rm. Other contracts were awarded as follows: Plumbing to Ashworth & Gallop at $5954; heating to J. Hokom at $7161; painting to H. H. Mann on bldg. No. 1 at $1108, on bldg. No. 2 to Leo H. Hubbert at $511.50, on bldg. No. 3 to R. Rasmussen at $272; wiring to H. H. Walker at $1773.

LOS ANGELES, Cal.—Until 9 A. M., Aug. 1, bids will be received by the Board of Education for the following city school work:
For constructing a fence at Staunton Ave. school site, Staunton Ave., bet. Washington and 16th Sts.
For constructing a fence and gates at Nevin school site northwest corner 32nd St. and Nevin Ave.
For constructing a fence at Rowan Ave. school site, Rowan Ave., bet. Princeton and Occidental Aves.
Plans and spec. for above work may be obtained at Secretary's office, 730 Security Bldg.

LOS ANGELES, Cal.—William Stacko Eagle Rock, was low bidder at $69,500 on the general contr. for erecting a new bldg. at Aldama St. school site. Low bidders on other contrs. were: G. C. Sutton on plumbing at $5926; J. Hokom on heating at $5285; H. H. Walker on wiring at $2676; and Parker-Judge Co. on painting at $3000.

MAYWOOD, Cal.—Until 8 p. m., Aug. 6 bids will be rec. by the clerk of the board of trustees for the Maywood school in the grade school bldg., Maywood, Calif., for erecting a grade school bldg. by the following separate contracts: General contract, electric wiring, hating, painting, plumbing. Norman F. Marsh, 211 Broadway Central Bldg., archt. $65,000 available for building solely; eight classrms., brick constr., stucco exter., clay tile and comp. rf., pine trim.

LOS ANGELES, Cal.—Gauger Constr. Co., Delta Bldg., was low bidder on the gen. contr. for erecting a new dormitory for California Christian College at Melrose and Vermont Aves. Low bidders on other contrs. were: Marshall-Lock Co. on plumbing; J. Hokom on heating; English Elec. Co. on wiring and Arenz-Warren Co. on painting. Robert H. Orr, 1305 Corporation Bldg., archt.

LOS ANGELES, Cal. — Archt. H. M. Patterson, 325 O. T. Johnson Bldg., is completing plans for a 12-unit elementary school bldg. at Lankershim for the Board of Education. Brick walls, 2-story and basement, plas. exter., tile rfg., cem. and maple fls., 62x120 ft., conc. corridor and roof constr.; $84,000.

LOS ANGELES, Cal.—Until 9 a. m., Aug. 15, bids will be rec. by the L. A. board of education for erecting the new Fairfax high school, s.e. cor. Melrose and Fairfax Aves. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., archts. Bids will be taken separately on the general contract, plumbing, heating, painting and electric wiring. The bldg. will contain 60 rms. and an auditorium to seat 1800 people. Dimensions, 450x320 ft.; brick and reinf. conc. constr., selected brick facing, cast stone trim, clay tile rfg., pine trim, marble and tile work, reinf. conc. fls. and stairways; $600,000.

STOCKTON, Cal.—Bids were opened on July 25th by the Stockton Board of Education to install interior offices and for roof work at High School. Louis S. Stone, architect, Belding Bldg., Stockton.

Interior Work

G. Riley, Stockton $3691
Deduct $427 for plumbing.
Alfred Love, Stockton 3363
Awarded to Riley on the alternate.

Roofing

Stockton Lumber Co., Stockton..$1795
H. C. Brown, Oakland 1918
Awarded to Stockton Lumber Co.

MERCED, Merced Co., Cal.—As previously reported, J. B. Hart, 2133 Kern St., Fresno, at $18,875 was awarded contract to erect machine shops and manual training buildings for Merced Union High School District. Allison and Allison, Hibernian Bldg., Los Angeles, architects. Other bidders were: Antone Johnson, Kingsburg, $25,670; Mellon & Taylor, Stockton, $35,581.

MADERA, Madera Co., Cal. — Until Aug. 12, 10 a. m., bids will be rec. by Morton H. Tyrell, clerk, Madera School District, to install seven "Clow Gassteam" radiators in Lincoln school. Further information obtainable from clerk.

MADERA, Madera Co., Cal.—Until Aug. 2, 10 a. m., bids will be rec. by M. H. Tyrell, clerk, Madera School District, for fur. and installing the following school furniture:
6 teachers desks.
5 pupils desks No. 1 tubular steel.
10 pupils desks No. 2 tubular steel.
40 pupils desks No. 4 tubular steel.
30 pupils desks No. 5 tubular steel.
5 pupils desks No. 6 tubular steel.
10 Sheldon domestic science tables for two pupils.

COLUSA, Colusa Co., Cal.—Until July 27, 7 P. M., bids will be rec. by H. Jacobson, Clerk, Colusa Union High School District, to construct addition to gymnasium. Plans and further information obtainable from clerk at high school.

REDONDO, Los Angeles Co., Cal.—Until 8 P. M., Aug. 9, bids will be rec. by trustees of Redondo Union High School District for erecting a new class room building at the high school site at Redondo. Allison & Allison, 1405 Hibernian Bldg., Los Angeles, are the architects. Bids will be taken on 11 segregated contracts. The building will contain 18 classrooms; 2-story, brick constr., stucco exter., clay tile rfg. Cost, $150,000.

ALAMEDA, Cal.—The Bender Roofing Co. was recently awarded a contract for altering and repairing the roof of the Washington School in Alameda.

PLEASANTON, Alameda Co., Calif.—Bids were opened on July 21st by the Board of Trustees of the Amador Valley Union High School District for the construction of a 1 and 2-story reinforced concrete school building from plans prepared by Architect Henry C. Smith, Humboldt Bank Bldg., San Francisco.

Contracts were awarded as follows on the alternate:

General Contract

John E. Branagh, 184 Perry St., Oakland at $71,375

Painting

Emil Solve 2480

Plumbing

A. J. Silva, 504 Gough St., S. F. 5,600

Heating

Jas. A. Nelson, 517 6th St., San Francisco 5147

Electric Work

S. M. Radelfinger, 142 4th St., San Francisco $5589

Following is the complete list of bids

General Contract

J. E. Branagh $75,900
John Madsen 76,550
C. A. Bruce 77,837
Diestel & Vezina 78,700
Ruegg Bros. 78,711

Painting

Emil Solve .....$———
Geo. Trimmingham .....$———

Electrical Work

S. M. Radelfinger $7466
Crown Elec. Co. 7420
Newbery Elec. Co. 7735
Stanford Elec. Co. 7775

Plumbing

A. J. Silva $5950
Thos. Catton 7599
Christensen & Anderson 7883
Scott Co. 8190

Heating

Jas. A. Nelson $6541
Christensen & Anderson 6772
Cruckenshank & Kolln 8640

DINUBA, Tulare Co., Cal.—Until Aug. 3, bids will be rec. by J. Rene Clotfleder, clerk, Dinuba High School District to paint metal roofs of buildings at high school grounds. Specifications obtainable from clerk in the Main Building, Kern and K Sts., Dinuba.

EUREKA, Humboldt Co., Cal.—Until Aug. 4, 8 A. M., bids will be rec. by Ernest M. McKee, Clerk, McKee School District, to erect 2-room with basement frame school. Newton Ackerman, Architect, 430 H St., Eureka. Cert. check 5% payable to President of Board of Trustees of District req. Plans obtainable from architect on deposit of $10, returnable.

MONTEBELLO, Cal.—Frank Hudson, 231 Higgins Bldg., was low bidder on the general contr. at $57,866 for erecting a new high school bldg. at Montebello High School District. Jeffery and Schafer, 1106 Kerckhoff Bldg., archts. The bids were as follows: General contract—Frank Hudson, $57,866; Walter Slater Co., $64,000; J. F. Kobler, $67,846; Hubert Constr. Co., $68,297. Brick Work—Frank Hudson, $1,000. Plumbing—Reed Plumbing Co., Glendale, $14,947. Painting—Alhambra Wall Paper and Paint Co., $4687. Steel and Iron—Pacific Iron and Steel Co., $13,500. Plastering — William Johnstone, $12,594. Slate Roofing—W. R. Tobias, $2595. Heating—Pacific Gas Appliance Co., $5450. Ventilating—Pacific Gas Appliance Co., $3451. Sheet Metal—St Louis Cornice Works, $2010. Blackboards — Pacific Coast Blackboard and School Supply Co., (1) slate board $1411.80, (2) deduct for comp. board, $705. Sash and Doors—Frank Graves Sash, Door and Mill Co., $9870. Hardwood Floors—Royal Fl. Co., $3724. Marble Work—Musto-Kneenan Co., $11,155. Finish Hardware—Bennett Montgomery, $4,719.55 for casement windows, $1886.89. Comb. Rfg.—Hammond Lumber Co., $1035. Electric Wiring—Woodill & Patterson, $8948.

FORT INDEPENDENCE, Inyo Co., Cal—Until Aug. 7, 7 P. M., bids will be rec. by A. N. Bell, Clerk, Milton Elementary School District, to erect one-story reinforced concrete school. Cert. check 10% payable to clerk req. with each bid. Plans obtainable from clerk at Fort Independence on deposit of $10, returnable.

SAWTELLE, L. A. Co., Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., are preparing plans for the new high school to be erected at Sawtelle. There will be an administration bldg. to contain offices and 24 classrooms; a gymnasium and auditorium bldg. and a manual arts and cafeteria bldg. The constr. will be of brick with tan ruff. brick facing, cast stone trim, clay tile rfg., pine trim, reinf. conc. stairways and corridor fls., maple fls. in classrooms, steam htg.; cost $30,000.

WATSONVILLE, Santa Cruz Co., Cal.—Bids are being received (date not set) by Mrs. J. M. Kirby, Clerk, Hall School Disctrict, for repairs and additions to school. Further information obtainable from Clerk, R. D. 2, Box 98, Watsonville.

CARUTHERS, Fresno Co., Cal.—Until Aug. 8, 8 p. m., bids will be rec. by A. W. Johnston, clerk, Alvina School District to construct two room addition to present school. Cert. check 10% payable to Board of Trustees of District req. with each bid. Bond of 75% will be req. of successful bidder. Further information obtainable from clerk by addressing Route 1, Box 40, Caruthers, Calif.

RENO, Nevada—J. R. Bradley Co., Reno, at $3210 awarded cont. to install finish hardware in Reno junior high school. Geo. A. Ferris & Son, architects, Heldtman Bldg., Reno. Other bidders, all of Reno, were: Edwards Hardware Co., $3975; Hamp-Thomas Co., $3192; Jessie E. Smith Co., $3630;

NAPA, Napa Co., Cal.—Until Aug. 6, at 8 P. M., bids will be rec. by Howard E. Roper, Sect'y., Napa Union High School District, to furnish and install curtains and linoleum in new high school. W. H. Weeks, architect, 369 Pine St., San Francisco. **See call for bids under official proposal section in this issue.**

LOCKEFORD, San Joaquin Co., Cal.—Until Aug. 9, 3 p. m., blds will be rec. by Lockeford School District to const. one classroom school, 24 by 38 ft. Cert. check 10% req. with each bid. Plans obtainable from Lockeford Branch of Union Safe Deposit Bank at Lockeford. Trustees of district are: S. S. Strohbridge, J. E. Thorp, and Nip Anderson.

STRATFORD, Kings Co. Cal—Jolly & Jolly, 547 Echo St., Fresno, at $35,092 awarded contract by Stratford School District to erect 3-room brick school and toilet building. Glass and Butner, architects, Cory Bldg., Fresno. Other bids were:

Cahill, Fresno $36,176
R. Pedersen Co., Lemoore..... 38,320
J. T. Brown, Fresno 39,120

LEMOORE, Kings Co., Cal.—Carl Nelson, Hanford, at $17,599 awarded contract by San Jose School District to erect new school building. Glass and Butner, architects, Cory Bldg., Fresno. Other bidders were:

P. V. Vitelle $17,900
Jolly & Jolly, Fresno 18,072
D. F. Cahill, Lemoore 18,547
J. B. Hart, Fresno 19,200
Fisher & McNulty, Fresno..... 19,923

LOS ANGELES, Cal. — Archt. W. Douglas Lee, 400 Sun Bldg., has completed plans for a new school Bldg. to be erected on Aragon Ave., near Loosemore St. It will be 2-story, 120x120 ft., extreme dimensions; brick walls, tile and comp. rfg., pine trim, maple fls., reinf. conc. corridor fls. and stairways; $60,000. The board of education will advertise for bids shortly.

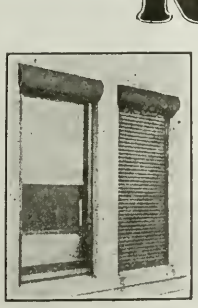
LOS ANGELES, Cal.—The architectural dept. of the board of education has completed plans for a new school bldg. to be erected at n.e. cor. of Santa Monica Blvd. and Normandie Ave. It will be 2-story 66x141 ft., brick walls, comp. shingle and comp. rfg., pine trim, maple fls., reinf. conc. stairways and corridor fls., $100,000. The board of education will advertise for bids shortly.

BANKS, STORES & OFFICES

Contractor Taking Sub-Figures.
BANK BLDG. Cost, $200,000
SAN FRANCISCO, 426 California St.
Two-story class A addition to present bank building.
Owner—San Francisco Savings & Loan Society.
Architect — Herbert A. Schmidt, 251 Kearny St., San Francisco.
Contractor—Chas. W. Heyer, Jr., Mills Bldg., San Francisco.

Plans Being Prepared.
MARKET Cost, $10,000
SAN FRANCISCO, SW 45th Ave and Cabrillo.
One-story reinforced concrete market.
Owner—I. F. Schneir.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

KINNEAR ROLLING DOORS



Furnished for the closure of all types of door and window openings.

Underwriters Label furnished when desired

Pacific Materials Co.

525 Market Street San Francisco

Plans Complete.
STORES Cost, $10,000
SAN FRANCISCO, W Mission 30 S 21st Street.
Two-story reinforced conc (2) stores.
Owner—Wm. H. Woodfield, Jr.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.

Contractors Taking Sub-Figures.
STORES AND LOFTS Cost, $90,000
OAKLAND, Alameda Co., Cal., Seventeenth St. and Telegraph Ave.
Four-story reinforced concrete stores and loft building.
Owner—A. F. Edwards.
Lessee—Healds Business College.
Architect — Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contract—F. A. Muller, Syndicate Bldg. Oakland.

Contractor Taking Sub-Figures.
STORE & LODGE Cost, $20,000
OAKLAND, Alameda Co., Cal., Grand Ave. off Santa Clara.
Two-story reinforced concrete and frame store and lodge bldg. with stucco exterior.
Owner—McElhinney.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Contractor — Fred Muller, Syndicate Bldg., Oakland.

Plans Being Prepared.
ALTERATION Cost —
SAN FRANCISCO, Mills Building, Bush and Montgomery Sts.
Alter corner store for bank branch.
Owner—Humboldt Bank.
Architect — Smith O'Brien, Humboldt Bank Bldg., San Francisco.
"Caen" stone and marble, ornamental ceiling, cork tile and marble floor, bronze and plate glass counter screen, marble check desks, walnut display window, revolving doors, acoustical treatment etc.

Contract Awarded.
REMODEL STORE Cost, $12,000
SAN FRANCISCO, 1031 Market St.
Remodel store front, construct floor and remodel interior.
Owner—Lesser Bros.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Daniel R. Wagner, 540 Call Bldg., San Francisco.

Contract Awarded.
DEPT. STORE Cost, $37,000
SAN FRANCISCO, N Stevenson 275 W 6th St.
Three-story and basement steel frame and concrete department store.
Owner—Wm. Ede Co.
Architect—Wm. Knowles, Hearst Bldg., San Francisco.
Contractor—Wm. Knowles, Hearst Bldg San Francisco.

Plans Being Prepared.
OFFICE BLDG. Cost, $200,000
OAKLAND, Downtown District.
Five-story and basement reinforced concrete physicians office bldg., 100x100.
Owner—Withheld.
Architect—Chas W. McCall, Central Bank Bldg., Oakland.

Contract Awarded.
SERVICE BLDG. Cost, $75,000
OAKLAND.
Two-story reinforced concrete auto sales and service building.
Owner—Field & Lee.
Architect—Hyman & Appleton, 68 Post St., San Francisco.
Contractor—M. E. Hopper & Son., 1117 Webster St., Oakland.

Plans Being Prepared.
BANK BLDG. Cost, $100,000
VENTURA, Ventura Co., Cal.
One-story reinforced concrete bank building.
Owner—Bank of Italy.
Architect—H. A. Minton, 550 Montgomery St., San Francisco.

Plans Being Prepared.
BANK Cost $—
SAUSALITO, Marin Co., Cal.
One-story and mezzanine floor reinforced concrete bank.
Owner—Bank of Sausalito.
Architect—H. H. Winner Co., Sharon Bldg., San Francisco.

Plans Being Figured—Bids Close About Aug. 10.
CHICO, Butte Co., Calif.
One-story brick store and office bldg.,
STORE & OFFICE . Cost, $8000
32x70 ft.
Owner—J. O. Chiapella, Chico, Cal.
Architect—Cole & Brouchoud, Waterland-Breslauer Bldg., Chico.
SPECIFICATIONS
Concrete foundations; brick frame; asbestos roof.

Owner Taking Sub-Figures.
STORE Cost, $22,500
BERKELEY, Telegraph Ave. N. Bancroft Way.
One-story and basement reinforced concrete store.
Owner—Mercantile Trust Co.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Mr. C. Collupy, of the Mercantile Trust Co., 464 California St., S. F., is taking all bids.

$250.00 FOR A NAME

A new company has been organized which will build a rock and gravel plant near Folsom, 20 miles from Sacramento, where we will crush the boulders and rocks left by the gold dredges. We have 158 acres of land on which there are 125,000 carloads of rock and gravel. The Southern Pacific Railroad has granted us the name of "Prattrock" for our new shipping point. We desire a good commercial name for this excellent material, the best in California for all kinds of concrete construction, including concrete buildings, bridges and highway, street and general road construction.

As president of the new corporation, the Pratt Rock and Gravel Co., I offer the following prizes for a suitable name:

1st prize, $100.00 worth of 7% cumulative preferred stock.
2nd prize, $50.00 worth of common stock.
3rd prize, $50.00 carload of crushed rock or gravel.
4th prize, $35.00 carload of clean, sharp sand.
5th prize, $15.00 Traffic Book—"Pratt's Shippers' Record Book."
$250.00 TOTAL IN PRIZES.

Send in all the names you wish; everyone is eligible to compete except officers, stockholders, or employees of the new company, or the Pratt Building Material Co. The latter will act as selling agents for the crushed rock and gravel company.

Two years ago this month, the Pratt Building Material Co. held a contest to name "Prattco Amber" sand from Prattco, Monterey County, and there were 112 answers with a total of 172 names—many from prominent business and professional men. There were many Spanish names submitted; however, the judges ruled against them. We prefer English names, but would consider good names in other tongues.

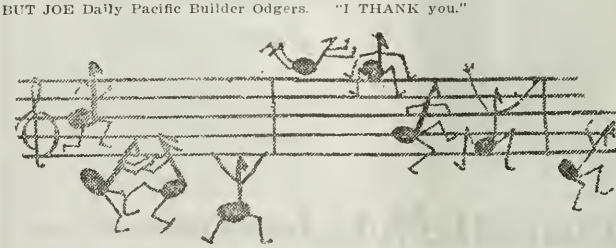
Wouldn't it be nice to win $100.00 worth of 7% cumulative preferred stock in the Pratt Rock & Gravel Co., or $50.00 worth of common stock, both of which are sure to increase in value in a short time?

Send in your answers (100 if you desire) to the above address; win part or all of the $250.00; become a producer of the best crushed rock and gravel in California, and be a dividened receiver. Watch my "K.C.B."-like ad, "Pratt's Concrete Mix," in the Sacramento Bee (development section) each Saturday, or the Daily Pacific Builder, San Francisco, each Tuesday and Thursday, for some of the names proposed.

"I thank you,"
CLARENCE F. PRATT, President.

OVER 160 answers.
* * *
ARE NOW in the office
* * *
OF CLARENCE Sand Pratt, President.
* * *
OF THE Pratt Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
AND CHARLIE Steel Holloway.
* * *
SAYS HE will send a name.
* * *
IN THIS, Sandy's famous contest.
* * *
BUT JOE Daily Pacific Builder Odgers.

SAYS CHARLIE Holloway.
* * *
WILL NEVER produce a name.
* * *
IN FACT, Sandy, producer.
* * *
OF CLEAN, sharp sand understands.
* * *
THAT JOE bet Charlie $1000.00.
* * *
THAT CHARLIE could not think.
* * *
OF A good commercial name.
* * *
FOR SANDY'S clean crushed rock.
* * *
"I THANK you."



The above song "Sleeping in the 'Bed' of Sandy Pratt's Sand Pit in the American River," was written by Miss I. C. U. R. Rockcandy from the Rocky Mountains, near Prattrock, home of Sandy Pratt's new crushed rock and gravel company.

OVER 1,000,000 SATISFIED OWNERS

THE BOOK OF KNOWLEDGE Helps Us

WHY?

IF THERE'S A THING YOUR CHILDREN WANT TO KNOW,
THE BOOK OF KNOWLEDGE
KNOWS IT;
IF THERE'S A PLACE THEY WANT TO GO,
THE BOOK OF KNOWLEDGE
SHOWS IT;
IF THERE'S A THING THEY'D MAKE OR DO,
THEY'LL FIND IT IN THE PAGES;
THE BOOK OF KNOWLEDGE
GIVES THEM
ALL THE WISDOM OF THE AGES.

One of the greatest educators of the age says:

"Let a child of ten read THE BOOK OF KNOWLEDGE 15 minutes a day for 3 years and he will know more than the wisest men knew a few generations ago."

The Book of Knowledge

The Children's Encyclopedia

10,000 Educational Pictures **In Five Languages** **350 Colored Plates**

WHY YOU SHOULD OWN IT

Because it is the Greatest educational work for children ever published.

Because it is the most Interesting educational work in existence.

Because it contains that part of the accumulated wisdom of the world, important for a child to know, told in words he can understand and in a manner that will fascinate him.

Because it answers every question a child can ask, in simple language.

Because its editors and contributors have made what a child Wants to Know and what a child Ought to Know identical.

Because a saving of a few cents a day for a limited period will purchase it.

Because boys and girls read it eagerly, and its pages and pictures are so intensely interesting that while being delightfully entertained the children are unconsciously absorbing the most valuable information.

Because it has received unstinted praise from people who Know—educators, teachers, clergymen, professional and business men and women—and many thousands of "just average fathers and mothers."

Because the children themselves are unanimous in their liking for it and an educational work which pleases the children while Instructing them is the ideal of every teacher and parent.

FREE THE FREE SAMPLE BOOK contains many pages and pictures from the following interesting subjects: The Sun and His Family; How We Dig Up Sunshine; The World's Bread and Butter; How Men May Make Stone; The Marvel of Hearing; What Makes a Bee Hum; Animals That Work for Nature; The United Nation; Republics of South America, Etc.

Mail this FREE COUPON NOW

THE GROLIER SOCIETY,
Western Branch,
278 Post St., San Francisco, Calif.

Please mail free descriptive book containing specimen pages and illustrations from THE BOOK OF KNOWLEDGE, and explaining the use and meaning of the work.

Name .....

Address .....

BNE 7-21-23

Contractor Taking Sub-Figures—Excavating Bids Wanted Immediately
OFFICE AND STORE
Cost, $400,000 to $650,000
OAKLAND, Alameda Co., Cal. NE Fourteenth and Franklin Sts.
Seven or 12-story basement and mezzanine floor (Class A steel frame and reinforced concrete office and store building, pressed brick and terra cotta facing.
Owner—Actico Building Co., Oakland (Alameda County Title Insurance Company).
Architect—Chas. W. McCall & Chas. T. Davis, Central Bank Bldg., Oakland.
Engineer—T. Ronneberg, Crocker Bldg. San Francisco.
Mechanical Engineer—Geo. Atkins, Hobart Bldg., San Francisco.
Manager of Constr.—Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
The steel contract awarded to the California Steel Co.

Plans being Prepared.
BANK BLDG. Cost, $100,000
OAKLAND, Alameda Co., Cal. College and Shafter Aves.
One-story reeinforced concrete bank building.
Owner—Bank of Italy.
Architect — H. A. Minton, 550 Montgomery St., San Francisco.

Figures To Be Taken In A Month.
BANK Cost, $100,000
VALLEJO, Solano Co., Cal. Georgia St.
One-story reinforced concrete and steel bank with terra cotta front.
Owner—Central Commercial Bank.
Architect—W. A. Jones, of Vallejo, and Hermann Safe Co., 216 Fremont St. S. F., associated.

Contract Awarded.
UNDERTAKING PARLOR Cost—
STOCKTON, San Joaquin Co., Cal., SE Sutter and Fremont.
Two-story frame and stucco undertaking parlor bldg. and 1-story garage (fireproof vaults, etc.)
Owner—Pope & Smith, 445 N California, Stockton.
Architect—Mayo-Cowell & Bissell, 21 S San Joaquin St., Stockton.
Contractor—H. H. Henning, Stockton.

Sub-Contracts Awarded.
ADDITION Cost, $100,000
SACRAMENTO, Cal., Eighth St., betw. J and K Streets.
One-story and basement reinforced concrete addition, 40x80, to present bank building.
Owner — Farmers & Mechanics Bank, premises.
Architect—H. H. Winner Co., 55 New Montgomery St., San Francisco.
Plumbing to Phil Mott, 1616 24th St., Sacramento.
Heating to Hateley & Hateley, Mitau Bldg., Sacramento.
Electrical work to Latourette-Fical Co. 907 Front St., Sacramento.
Sidewalk doors to Waterhouse Wilcox Co., San Francisco.

LOS ANGELES, Cal.—John H. Dunn, Mer Nat. Bank Bldg., has prepared preliminary plans for a Class A store and hotel building to be erected at the southwest corner of Broadway and Temple Sts., for Grant McCartney Co., Mer. Nat. Bank Bldg. The building will be designed for 12-story and five or more stories are contemplated at present. The site is 144x172 ft. The building will be reinforced concrete constr.

LOS ANGELES, Cal—Archt W. Douglas Lee, 400 Sun Bldg., is preparing plans and has the contract to erect a 4-story class A auto sales bldg. at 15th and Figueroa Sts. for Mrs. Costello. Dimensions, 72x200 ft., reinf. conc. construction, plas. exter., terra cotta trim, plate glass, steel sash, metal skylights, 2 elevators, gas piping, terrazzo fl. in sales rms.; $130,000.

PASADENA, Cal.—Archts. John and Donald B. Parkinson, 420 Title Inc. Bldg., are preparing plans for a two-story brick store, bank and office building to be erected at the northeast cor. of Colorado St. and Euclid Ave., Pasadena, for Security Trust & Savings Bank. It will contain quarters for a branch bank, 5 stores and 15 offices; 65x115 ft., brick walls, selected brick and stucco exterior. Cost, $75,000.

FRESNO, Fresno Co., Cal. — See "Theatres," this issue.

LOS ANGELES, Val.—Robert E. Millsap, 423 Marsh-Strong Bldg., has been awarded the general contract at about $144,000 for erecting a 6-story and part basement class A store and loft bldg. at Winston and San Pedro Sts. for the Revolving Fund Corp., Van Nuys Bldg., W. Douglas Lee, 400 Sun Bldg., archt. C. F. Ballinger has the contract for plumbing at $8100. Reinf. conc. constr., 97x160 ft., pressed brick facing, cast stone trim, plate glass, gas steam htg., 3 elec. elevators, maple and cem. fls., metal skylights, steel sash, store fronts. Total cost, $225,000.

WOODLAND, Cal.—See "Factories & Warehouses," this issue.

LOS ANGELES, Cal.—Archts. Morgan Walls & Morgan, 1124 Van Nuys Bldg. are taking bids for 2 mercantile bldgs. to be erected at 7th and Parkview Sts. for Spencer Thorpe. One will be 4-sto., 30x100 ft. and the other 2-sto., 130x70 ft.; they will contain stores and lofts; brick constr., succo exter., cast stone trim, plate glass, steel beams, comp. rfg., metal skylights, pine trim, wood and cem. fls., elevator, gas htg.

LOS ANGELES, Cal.—Robert E. Millsap, 423 Marsh-Strong Bldg., has been awarded the gen. contr. at about $73,000 for erecting two mercantile bldgs. at s.e. cor. of 7th St. and Parkview Ave., for Spencer Thorp. Jas. G. Gray was awarded the contract for plumbing. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., archts. One bldg. will be 4-story, 30x100 ft., and the other 2-sto. 130x70 ft.; they will contain stores and lofts; brick walls, stucco exter., cast stone trim. The contract for elevator was let to Llewellyn Iron Works at about $5000.

LANKERSHIM, L. A. Co., Cal. — Macdonald & Kahn, Loew State Bldg. have been awarded a contr. at $49,905 for erecting a 2-story and part basement brick bank and office bldg. at Lankershim for the Security Trust & Savings Bank. John Parkinson & Donald B. Parkinson, 420 Title Ins. Bldg., archts. Dimensions, 65x90 ft., brick and terra cotta facing.

LOS ANGELES, Cal.—Edwards, Wildey & Dixon, 515 Black Bldg., have been awarded the general contract at about $130,000 for erecting a Class A store and office building on the west side of Spring St., bet. 6th and 7th Sts., for Frick-Martin Co.; Curlett & Beelman, 408 Union Bank Bldg., are the architects. The building will be two-story and basement, 49x155 ft., reinf. concr. frame and floor, brick filler walls, marble front, plate glass windows, comp. rfg., metal skylights, hardwood interior trim and wall panelling, terrazzo and tile floors, cork floor covering, 2 elevators.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?
For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.
OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

ESCONDIDO, San Diego Co., Cal.—Archt. Lincoln Rogers, and F. W. Stevenson, assoc., 533 Spreckles Bldg., San Diego, have completed plans for remodeling a bldg. at cor. Grand and Lime Sts., for banking quarters for the First National Bank of Escondido. Approx. cost $50,000. Light buff brick exterior with terra cotta tile and stone trim; lobby 20x50 ft., onyx, marble and mahogany fixtures, marble fls., the second fl. will be divided into offices. Leroy A. Wright, atty. for the Southern Trust & Commerce Bldg., San Diego, president.

LOS ANGELES, Cal.—J. E. Crawford, of Metcalf & Ryan, Realtors, Pac. Finance Bldg., has secured a 99-year lease on the property at s.e. cor. of 6th St. and Vermont Ave. A provision of the lease stipulates that a building to cost at least $125,000 must be erected within 16 months.

LOS ANGELES, Cal.—Archts. Allison and Allison, 1405 Hibernian Bldg., have completed plans and are taking bids on segregated contracts for a 4-story and basement class A dept. store bldg., to be erected at Hollywood Blvd. and Vine St., for Dr. E. O. Palmer. Dimensions 100x150 ft., designed for 2 additional stories, reinf. conc. frame, fls. and roof slab, brick walls, press. brick and terra cotta facing, plate glass, marble and tile work, steel sash, elevators, plumbing, heating, elec. wiring, $300,000.

SACRAMENTO, Cal. — The Lindgren Co. have awarded a contract to Frank Ahl, 1615 21st St., Sacramento, for the copper roofing and ornamental sheet iron work at $22,264, for the California State Life Ins. Co.'s building on the s.w. corner of 10th and J Streets in Sacramento. Geo. C. Sellon & Co., Mitau Bldg., Sacramento, prepared the plans.

LOS ANGELES, Cal.—The Wurlitzer Co. has purchased property at 814-18 S Broadway and will erect a 13-story and basement class A bldg. The site is 51x170 ft. The Wurlitzer Co. will occupy the first six stories, basement and mezzanine story; the upper stories will be arranged for offices. Cost, $1,500,000. Work is to be started Sept. 1.

THEATRES

Plans Being Figured.
THEATRE Cost, $——
MARICOPA, Kern Co., Cal.
One-story brick, concrete and stucco theatre (seating 500) with balcony.
Owner—D. D. Heagerty, Maricopa.
Architect—Orville L. Clark, Brower Bldg., Bakersfield.

FRESNO, Fresno Co., Cal.—Alfred S. Johnson of Chicago, now in Pasadena, announces his agent has been in Fresno gathering data as to the field for a modern theatre building in that city to cost $500,000. It is proposed to erect the structure, five stories in height, on Van Ness avenue or J street, the first and second floors to contain the theatre, stores and cafe, the three upper floors to be given over to offices.

BEVERLY HILLS, L. A. Co., Cal. — Archt. W. Asa Hudson, rm. 9, Woods-Beekham Bldg., Beverly Hills, has completed plans, all bids to be in about ten days, for erecting a theatre and store bldg. at San Vicente Ave. and Darlington St., Westgate, for Vinsor McCoy. Egyptian architecture. Two stores, 900-seat auditorium. Found. 160 by 60 ft., brick and concrete constr., cem. floor throughout, opera chairs, comp. rfg., stucco exter., organ, gas-steam heat.

WHARVES AND DOCKS

SAN LUIS OBISPO, Cal.—A stock company is being formed to erect a $500,000 amusement and commercial pier. $250,000 will be expended on the pier and a similar sum on equipment for amusement purposes. The pier will be constructed at Pismo Beach.

SAN FRANCISCO—The State Board of Harbor Commissioners opened bids on July 26th for an extension to the wharf at Islais Creek, 48x500, wooden deck and creosoted piles.

The contract was awarded to The Renner Foundation Co., 628 Montgomery St., S. F. Following is a complete list of the bids:

Duncanson-Harrelson Co.	$32,800
Peters Constr Co.	31,900
Clinton Constr Co.	27,726
Hannah Bros.	25,952
Healy Tibbitts Co.	25,500
Tibbitts-Pacific Co.	24,839
A. W. Kitchen Co.	24,330
Renner Foundation Co.	23,600

EUREKA, Humboldt Co., Cal. — Campton and Dalton, F and 1st Sts., Eureka, will construct wharf on the site of the Humboldt Commercial Company property, which will be taken over by the former concern. The wharf will be 80 by 130 feet. Construction of a large warehouse will also be undertaken.

OAKLAND, Cal.—Election will be called October 9 to vote bonds to finance harbor improvements. Preliminary plans provide for the construction of ten large piers on the inner harbor, extending from Market street running near the San Leandro Bay; construction of an Embarcadero from San Leandro Bay to the outer harbor and a belt railroad to give access to the S. P., W. P. and Santa Fe to all piers. While the exact amount has not been determined it is thought the bond proposal will be in the neighborhood of $10,000,000. Ralph Beebee is city harbor engineer.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
EXCHANGE BLDG. Cost, $75,000
RICHMOND, Contra Costa Co., Cal., MacDonald Ave. and 21st St.
Three-story and basement steel frame and reinforced concrete telephone exchange building.
Owner—Pacific Telephone & Telegraph Company, 333 Grant Ave., S. F.
Architect—C. V. Cobby, 333 Grant Ave., San Francisco.
It is planned to start construction in October of this year.

Working Drawings Being Prepared—Ready for Figures in Six Weeks.
ORPHANAGE Cost, $350,000
SAN FRANCISCO. Ten acres, lying between Twenty-eighth and Thirtieth avenues and Vicenti and Wawona Streets.
Group of 8 buildings for orphanage (3-story administration building and 6 2-story cottages, concrete, frame and stucco construction and a one-story reinforced concrete laundry and power house.
Owner—San Francisco Protestant Orphanage Society.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
The first story of the administration and cottage buildings will be of concrete construction with frame and stucco above.

Plans Being Figured.
STUDIO BLDG. Cost, $10,000
SAN FRANCISCO. Greenwich and Webster Sts.
Two-story frame and stucco studio building with tile roof.
Owner—Haig Patigian, 933 Polk St., San Francisco.
Architect—Ward & Blohme, 451 California St., San Francisco.

Contract Awarded.
STORE & LOFT Cost, $200,000
SAN FRANCISCO, SE 5th and Jessie St.
Two-story and basement reinforced concrete auto stage terminal store and loft bldg.
Owner—Louis R. Lurie.
Lessees — Pickwick Corp. & Pacific Auto Stage Lines.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco.

Contract Awarded.
ALTERATIONS ETC. Cost, $18,400
SAN FRANCISCO, 74-86 Otis.
Alterations and additions (cafeteria etc.)
Owner—Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
Architect—E. V. Cobby, 533 Grant Ave., San Francisco.
Contractor—Matthies & Gale, 185 Stevenson St., San Francisco.

Work Underway.
TELEPHONE EX. Cost, $15,000
CROCKETT, Contra Costa Co., Cal.
One-story frame and stucco telephone exchange building.
Owner—Pacific Telephone & Telegraph Company.
Architect—C. V. Cobby, 333 Grant Ave. San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco.

SAN BERNARDINO, Cal. — So. Cal. Edison Co. announces an improvement program totaling $55,000 involving the construction of warehouse, garage, treating plant and pole yard on I St., south of Rialto Ave. H. S. Williamson, dist. manager.

CALIFORNIA—Following bids rec. by State Highway Comm., Forum Bldg., Sacramento, July 23, for painting 10 bridges in the counties of San Benito, San Luis Obispo, Santa Barbara and Monterey counties:

D. E. Burgess, 601 S. California St., Stockton	$43,908
J. A. Mohr, San Francisco	50,883

Engineer's estimate, $44,531.

MERCED, Cal.—Construction of the plant for the Yosemite Portland Cement Co., recently organized and capitalized at $1,500,000, will start shortly, under the supervision of Leigh Hunt, of the Hunt Constr. co., of Kansas City. The mill will be what is known as a 2-kiln mill, and the plant will have a daily output of 2000 bbls. per day. The company has opened offices in the new Simonson Bldg., Merced. Officers are: George E. Nicholson, Kansas City, Mo. (pres. of National Cement Co., Georgia Cement Co.), pres.; C. S. Woody, San Francisco; vice-pres.; E. De Los Magee, San Francisco, attorney, secy.

SAN FRANCISCO—Until Aug. 6, 3 p. m., bids will be rec. by Leonard S. Leavy, City Purchasing Agent, for fur. and del. lumber for manual training departments of schools. Blanks for bidding and lists of materials desired will be furnished on application at Room 270, City Hall.

TURLOCK, Stanislaus Co., Cal.—L. W. Larsen at $7420 awarded contract by city trustees for concrete work in connection with the municipal bath house. Niel & Wirtner at $1732 awarded contract for superstructure and Ed. Wolfe the plumbing at $1125. The C. P. R Electrical Shop at $512 was awarded the electric contract. Bids will be asked immediately by the city trustees for the pumps.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Domestic and Foreign Trade Department of San Francisco Chamber of Commerce, Merchants Exchange Bldg.:

7258—Osaka, Japan. Manufacturers of all kinds of brushes desire to communicate with large importers of jobbers here.

7265—San Francisco, Calif. Contract desired with large exporters to China, Japan, Philippine Islands, France, Indo-China, Straits, Settlements and Dutch East Indies.

7267—New York, N. Y. Large import-export company, with branches in Uruguay and Argentina, desires to sell San Francisco lumber and fruit in South American market.

7268—Berlin, Germany. Manufacturer of burglar and fire-proof safes desires to get in touch with responsible party to act as sole agent in the United States. Catalogs on file.

7273—Munich, Bavaria. Canning company, which is now being organized, is in the market for the following machines: power apple parers, process machines, kettles, jacket kettles for jellies and preserves; round can-making machinery; excavating kettles for milk; sausage mixers and grinders; also any other machinery necessary in such a business.

7275—Buenos Aires, Argentina. Established firm with central location, desires to represent San Francisco manufacturers or exporters of iron or steel products; cement and construction materials; chemicals; silks. Excellent references.

7277—Brussels, Belgium. Long-established firm desires agent for its products. These include billets, blooms, castings, beams, sheet, plate, and corrugated iron, zinc, etc.

7286—San Francisco, Calif. Communication desired with firms interested in Dutch tiles for building purposes.

7291—San Francisco, Cal. Gentleman desires position as representative of San Francisco firm in Japan. Will sign contract for number of years and pay own transportation. Best references given.

D-671—Mendocino County, Cal. Party wishes to dispose of fully equipped modern saw-mill with several million feet of redwood and pine timber, is a paying proposition, running full time, and owner will sell at a sacrifice.

D-672—San Francisco — Firm manufacturing waffle irons and motor-starting switch wants sales manager on commission basis.

D-673—San Francisco. Party wants to get in touch with investor interested in putting box crates on the market. Orders guaranteed.

D-681 — Gold Hill, Nevada. Party wants to communicate with steel foundries making steel castings.

D-683 — Inglewood, Calif. Firm in market for 10,000 pieces of wood turning—also want to get in touch with individuals who do automatic wood turning.

D-688 — Los Angeles. Company will buy tin foil, and want quotations on quantities suitable for backing for plate glass ornamental work.

D-690—Dayton, Ohio. Firm wishes to communicate with manufacturer's agent or sales company who can handle novel window or counter device for retail trade, on commission basis.

ANNOUNCING

EASYSET STORE FRONT

CONSTRUCTION
FEATURING BEAUTY, STRENGTH AND SIMPLICITY
AT A REASONABLE COST
PROMPT INSTALLATION SERVICE
Distributed By
COBBLEDICK-KIBBE GLASS CO.

666 Howard St.
San Francisco

Third & Washington Sts.
Oakland

Official Proposals

NOTICE TO CONTRACTORS

Office of the Clerk of the Board of Supervisors of the County of El Dorado, State of California

Pursuant to an order of the Board of Supervisors of the County of El Dorado, State of California, made and entered of record on the 16th day of July, A. D., 1923, and in accordance with the law in such case made and provided:

Notice is hereby given that sealed bids will be received by the undersigned **up to and not later than the hour of 2 o'clock P. M. on the 7th day of August, 1923**, at the office of the said Board in the rooms of the said Board of Supervisors in the Court House in the City of Placerville, County of El Dorado, State of California, for the construction of a two-story masonry building on Lot No. ten (10) Block No. twenty-one (21), on the South side of Main Street of the City of Placerville, County of El Dorado, State of California, for the clearing of the ground for the reception of said building, for the construction thereof and for the furnishing of all labor and material and mechanical workmanship for the building and construction of the said two-story masonry building, in accordance with the plans and specifications heretofore made and adopted by said Board of Supervisors, which said plans may be seen and examined during the office hours of the Clerk of the said Board of Supervisors, in the City of Placerville, California.

All bids must be submitted on blank forms furnished by the Clerk of the said Board and must be accompanied with a certified check on some solvent bank in a sum equal to ten per cent (10%) of the amount of the bid, conditioned that if the contract is awarded the party submitting the accepted bid will enter into contract and furnish such bonds as may be required within ten days after notice of reward, or failing so to do the amount of such check to be forfeited as liquidated damages for such failure. All checks to be made payable to the order of the chairman of the Board of Supervisors, of El Dorado County, State of California.

The said Board reserves the right to reject any and all bids and to waive any informality in any bid received, or to readvertise or to abandon the project entirely and build no building, or to build a building of a different kind.

A deposit of twenty ($20.00) dollars will be required for each set of plans and specifications and will be refunded to the bidder upon return of same in good condition.

By order of the Board of Supervisors of the County of El Dorado, State of California.

ARTHUR J. KOLETKE,
County Clerk and ex-officio Clerk of the Board of Supervisors of the County of El Dorado, State of California.

NOTICE INVITING SEALED PROPOSALS

(City of Fresno—Tractor)

Public notice is hereby given that the Commissioner of Finance of the City of Fresno, hereby invites sealed proposals as follows:

To furnish and deliver to the Department of Public Works, of said City, one (1) Tractor, to be motor propelled and to be fully supplied with tools and accessories, so as to be fully equipped and ready for service on the streets of said City of Fresno; bidders to furnish specifications with bids. All bids must be accompanied by a certified check or accepted bond, payable to the City of Fresno for an amount equal to ten per cent of said bid. The successful bidder shall, within five days, after the contract has been awarded, enter into an agreement with the said City of Fresno to deliver to said City, said Tractor, within thirty days from the time of signing of said contract, and at the same time give a bond or certified check in the amount of $2500 for the faithful performance of said contract. Said bids will be opened **Thursday the 26th day of July, 1923, at the hour of 3:15 o'clock P. M.**

CHAS. DILLON,
Commissioner of Finance.

> A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate:** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

(Diebold Manganese Safe)

NOTICE IS HEREBY GIVEN that pursuant to an order of the Board of Supervisors made and entered on the 12th days of Juyy, 1923, sealed Bids will be received by said Board at their Office in the Court House, City of Madera, County of Madera, State of California **up to August 6th, 1923, at 10 o'clock A. M.**, for the following: 1—No. 87 Diebold Manganese Safe, allowing $1,000 f. o. b. Madera, for the old Safe now in use in the Office of the County Treasurer.

All bids to be addressed to L. W. Cooper, County Clerk and Ex-officio Clerk of the Board of Supervisors of the County of Madera, State of California, and delivered to and filed with said Clerk prior to the 6th day of August, 1923, at 10 o'clock A. M.

The Board reserves the right to reject any and all bids.

Dated: July 12th, 1923.
(SEAL) L. W. COOPER,
County Clerk and ex-officio Clerk of the Board of uSpervisors of Madera County, State of California.

NOTICE TO CONTRACTORS

(Lake County Hospital Annex)

NOTICE IS HEREBY GIVEN by the Board of Supervisors of Lake County, California, that bids will be received by said Board for the erection and construction of an Addition to the present Hospital.

Plans and Specifications may be obtained from the Clerk, Fred H. Merritt, Lakeport.

A deposit of Ten Dollars ($10.00) will be required for each set of plans.

All bids will be opened by the said Board of Supervisors on the **13th day of August, 1923**, at the Court House in the Supervisors Chambers, at **11 o'clock** and all bids must be delivered to Clerk on or before that hour, enclosed in sealed envelopes and marked on the outside "Bid for Construction of Addition to Lake County Hospital."

All bids must be accompanied by a certified check, cash or a certificate of deposit equal to Ten per cent (10%) of the amount bid; checks or certificates of deposit to be made payable to the Board of Supervisors and to be returned to the party or parties whose bid or bids are not accepted, and to the party whose bid is accepted upon his entering into a contract with the said Board of Supervisors and giving such bonds as may be required by Law or said Board.

The Board of Supervisors reserves the right to reject any and all bids.

FRED H. MERRITT,
Clerk of the Board of Supervisors of Lake County, Lakeport, California.

NOTICE TO BIDDERS

(Pipe and Fittings)

Public notice is hereby given that sealed bids will be received by the Board of Trustees of the Town of Redwood City, California, **up to and including Monday, the 6th day of August, 1923, at the hour of 8:00 o'clock P. M.**, for the following material to be delivered f. o. b. cars at Redwood City, to-wit:

1900 feet of six (6) inch cast iron water pipe.
2400 feet of four (4) inch cast iron water pipe.
6 six (6) inch by six (6) inch by four (4) inch cast iron tees.
1 sir (6) inch cast iron tee.
5 four (4) inch cast iron crosses.
7 four (4) inch cast iron tees.

All pipe to be hub and spigot from Class "B" Standard weight and thickness American Water Works Association and in twelve (12) foot lengths. All tees with three (3) hub ends, crosses with four (4) hub ends.

All pipe and specials to be subject to inspection by the Superintendent of Water System of the Town of Redwood City upon delivery and rejected pieces to be stored at the expense and subject to the order of the shipper.

Bidders are required to state time of delivery, and contract to be entered into within five (5) days after acceptance of bid.

Bids to be accompanied by certified check in the amount of ten (10) per cent of bid payable to the President of the Board of Trustees of the Town of Redwood City. Checks of unsuccessful bidders to be returned at once, check of successful bidder to be returned upon delivery and acceptance of goods ordered.

The Board of Trustees reserves the right to reject any and all bids.

By order of the Board of Trustees of the Town of Redwood City, California.

Dated, July 2, 1923.

W. A. PRICE,
Clerk of the Town of Redwood City.

NOTICE CALLING FOR BIDS FOR SEWAGE DISPOSAL PLANT FOR CITY OF TRACY

Sealed proposals for constructing the sewage disposal plant on property of the City of Tracy will be received at the office of the City Clerk, City Hall, Tracy, **until 8 P. M., on the 9th day of August**, and will be publicly opened and read in the Council Chamber of the City Hall, Tracy, on the 9th day of August after 8 P. M.

All proposals must be made upon the blank forms of proposals prepared by the City, to be obtained from the City Clerk, Tracy, or from Clyde F. Smith, Consulting Engineer, 516 Santa Barbara Road, Berkeley, California.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

The work to be done consists of excavation, grading, reinforced concrete construction, piping and installation of all machinery, boring of well and laying of the outfall sewer. In general, the work to be done consists of all construction work and materials necessary to build the sewage disposal plant as shown on the plans of Clyde F. Smith, Consulting Sanitary Engineer, and W. D. Harrington, City Engineer of Tracy.

The following units are to be bid upon:

1. Outfall sewer, 18 inch concrete, vitrified or wood stave pipe, about 6400 feet.
2. Two units of Imhoff tanks with appurtenances, including sludge drying beds.
3. Dosing tank with Miller Siphon
4. Trickling filters with all appurtenances.
5. Three units of secondary settling tanks with appurtenances.
6. Pump house with gasoline motor and two pumps.
7. Overflow bypass 12 inch concrete, vitrified or wood stave pipe, about four hundred (400) feet.
8. Boring well

The work is to commence within ten days of the signing of the contract and is to be finished by November 30, 1923.

Plans and specifications may be consulted at the office of the City Clerk, Tracy, or at the office of Clyde F. Smith, consulting Sanitary Engineer, 516 Santa Barbara Road, Berkeley, Calif. Sets of plans and specifications may be obtained from the Consulting Sanitary Engineer or City Engineer upon deposit of fifteen dollars, ten dollars of which will be returned upon receipt of bona fide bid.

All bids must be accompanied by a certified check, certificate of deposit or draft, or cashier's check or draft, payable at sight to the City Clerk in an amount equal to ten per cent of the bid. Unsuccessful bidders' checks will be returned when contract is awarded. Successful bidder's check will be returned when contract is signed and bond furnished.

The bond to be furnished by successful bidder is to be in a sum equal to fifty per cent of the amount of the contract as material and labor bond as well as a bond for twenty-five per cent of the contract for faithful performance.

The city reserves the right to reject any or all proposals, or to increase or decrease the amount of any class or portion of the work.

Done by order of the Board of Trustees of the City of Tracy.

Dated this 20th day of July, 1923.

GEO. L. FRERICHS, Clerk.
By EDITH FRERICHS, Deputy.

NOTICE TO CONTRACTORS

(Drainage District No. 200, Butte County)

NOTICE IS HEREBY GIVEN by the Board of Directors of Drainage District Number 200 of Butte County that they will receive sealed proposals or bids for the construction of the following levee and ditch work for Drainage District Number 200 of Butte County, according to plans and specifications therefor, which can be seen at the office of the District in Oroville, Butte County, California, or at the office of W. W. Green, the Engineer of the District, at Biggs, Butte County, California; the work to be done consists of the construction of a protection levee along or near the West line of Drainage District Number 200 to restrain the flood waters of the Cherokee Canal; the construction of two drainage ditches along or near said levee, the removal of the present East Levee of the Cherokee Canal for a distance of six hundred (600) feet Southerly from the intersection of the Western Canal with said Levee, and the placing of the removed earth on the side of the proposed levee, all of which work is designated in the plans and specifications heretofore adopted by the Board of Directors as the "Cherokee Levee Work, Lateral B 2 and Lateral B 13."

Said proposals will be opened at a special meeting of the Board of Directors to be held in the office of the District in the Assembly Room of the Board of Supervisors of Butte County, in the County Court House, at Oroville, **on Wednesday, August 15, 1923, at 11 o'clock A. M.**, all bids to be accompanied by a Bidder's Bond, acceptable to the Directors of the District, or a certified check in ten per cent of the amount bid, which check shall be payable to the District in the event the contract for the doing of the work is not executed by the bidder.

The Board reserves the right to reject any and all bids.

Dated, July 23, 1923.

BOARD OF DIRECTORS OF DRAINAGE DISTRICT NUMBER 200 OF BUTTE COUNTY.
By G. A LATTEMORE, President.
By CHARLES BLOOM, Secretary.

GEORGE F. JONES,
Attorney for the District.

NOTICE TO CONTRACTORS

(Juvenile Detention Home, Modesto)

Pursuant to an order of the Board of Supervisors of the County of Stanislaus, State of California, made and entered on the 16th day of July, 1923, notice is hereby given that sealed bids will be received by the undersigned clerk of the Board of Supervisors of Stanislaus County, **up to and not later than the hour of 10:00 o'clock A. M. of the 14th day of August, 1923,** for the construction of a Juvenile Detention Home, in the City of Modesto, county of Stanislaus, State of California.

Said building to be constructed in accordance with the plans and specifications therefor on file in my office, where the same can be inspected by intending bidders during office hours.

All bids must be accompanied by a certified check or Cashier's check on some solvent bank of the State of California in a sum equal to ten per cent of the amount bid, conditioned that the successful bidder will enter into such contract and furnish such bond as may be required within ten days after such award, or failing so to do will forfeit the amount of such check as liquidated damages for such failure.

Bids to be submitted on special forms, which can be obtained from James H. Hoose, the Architect, whose office is in the Ramont Bldg., in the City of Modesto. A copy of the plans and specifications may also be obtained from said architect.

The Board reserves the right to reject any or all bids.

C. C. EASTIN, JR.,
Clerk of the Board of Supervisors of the County of Stanislaus, State of California.

NOTICE TO BIDDERS

(Linoleum and Curtains, Napa High School)

The Napa Union High School Board invites bids on furnishing and installing curtains and linoleum for the new Napa Union High School Building. Sealed bids will be received **on and up to 8 P. M., Monday, August 6, 1923.**

Curtains and linoleum to be installed complete as per plans and specifications furnished by Mr. W. H. Weeks, Architect, 369 Pine Street, San Francisco.

Bids must be accompanied by certified check, equal to ten per cent of amount bid; said check to be made payable to Henry C. Holden, President of Board of Trustees, and to be returned to the party or parties whose bid or bids are not accepted. The Board reserves the right to reject any or all bids.

Address bids to Howard E. Roper, Secretary of Napa Union High School Board, Napa, California.

Napa, July 19, 1923.

INVITATIONS FOR PROPOSALS FOR TWO ADDITIONAL REINFORCED CONCRETE AND STEEL VAULTS FOR THE UNITED STATES MINT AT DENVER, COLORADO.

TREASURY DEPARTMENT, OFFICE OF THE SUPERVISING ARCHITECT, Washington, D. C., July 3, 1923—SEALED PROPOSALS will be opened in this office at 3 P. M., August 2, 1923, for construction (except vault entrance and lift) of two additional reinforced concrete and steel vaults for the United States Mint at Denver, Colorado. Drawings and Specifications may be obtained from the custodian at Denver, Colorado, or at this office in the discretion of the Supervising Architect. JAS. A WETMORE, Acting Supervising Architect.

Drawings and specifications may be also obtained at Room 402, Post Office Building, San Francisco, California.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on August 13,** at which time they will be publicly opened and read (1) for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Sonoma County, between Beltane and Schellville (IV-Son-51-B), about eleven and five-tenths (11.5) miles in length, to be graded and surfaced with gravel.

San Mateo County, between San Bruno and San Mateo (IV-SM-2-A), about three and four-tenths (3.4) miles in length, to be paved with Portland cement concrete shoulders and an asphalt concrete wearing surface.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated July 16, 1923.

BIDS WANTED FOR CONCRETE STORAGE BINS

NOTICE TO CONTRACTORS

SEALED PROPOSALS, Indorsed "Proposals for Storage Bins and Trestle, Pearl Harbor, Hawaii, Specification No. 4772," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., September 12, 1923, and then and there publicly opened, for twelve storage bins and a trestle at the Naval Operating Base, Pearl Harbor, T. H. The storage bins will be of reinforced concrete construction, with reinforced concrete columns supported by footings of plain concrete. The trestle will be of structural steel supported by concrete foundations. Drawings and Specification No 4772 may be obtained on application to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, May 31, 1923.

Engineering News Section

BRIDGES

EUREKA, Humboldt Co., Cal.—Until Aug. 14, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. 60-ft. rein conc. arch bridge over Boulder Creek in Rd. Dist. 3. Cert. check 10% req. with each bid. A. J. Logan, county surveyor.

SEATTLE, Wash.—Until Aug. 8, 11 a. m., bids will be rec. by Alaskan Engineering Commission, 422 Bell St. Terminal, Seattle, under Circular No. 616, for furnishing steel girder spans for Bridge No. 3707 over Nenana river. Strfucture will consist of 2 steel deck plate girder spans. Further information obtainable from San Francisco office of Commission, 306 Customhouse.

MADERA, Madera Co., Cal.—County surveyor, J. O. Rue, has completed spec to reconstruct the Firebaugh bridge; work to be financed by Fresno and Madera counties. Madera county will pay approximately $10,000 of the cost. Plans are yet to receive the approval of the Fresno county supervisors.

WILLITS, Mendocino Co., Cal.—Until July 27, 7:30 p. m., bids will be rec. by Allen M. Sacry, city clerk, to const. bridge over Mill Creek in Main St., involv. 265 cu. yds. conc.; 28,000 lbs. rein. steel. Cert. check 10% req. with each bid. Plans obtainable from clerk.

CALIFORNIA—See "Miscellaneous Construction," this issue. Painting Construction," this issue. Painting State Highway Bridges.

DEL NORTE COUNTY, Calif.—Following bids rec. July 23 by State Highway Commission to const. bridge 100 ft. long and 21-ft. wide, bet. curbs across Wilson creek, near Requa, Del Norte county, to consist of 2 30-ft. and 2 20-ft. rein. conc. girder spans supported on rein. conc. bents; project involv. 207 cu. yds. class A Port. cem. conc. in place and 37,000 lbs. rein. steel:

C. H. Gildersleeve, S. F.	$8,659
Englehart Paving Co., Eureka	16,387
Engineer's estimate	9,879

UKIAH, Mendocino Co., Cal.—Until Aug. 14 bids will be rec. by W. H. Prather, county clerk, to const. Vichy Springs bridge.

Separate bids, same date, to const. Calpella bridge Spec. obtainable from clerk.

UKIAH, Mendocino Co., Cal.—Until Aug. 14, 10 a. m., bids will be rec. by W. H. Prather, county clerk, to const. Pratt combination bridge across Russian River at Vichy Springs Crossing; composed of two 120-ft. spans and two 100-ft. pile approaches; spans with 3 conc piers on pile foundations. Cert. check 10% req. Plans obtainable from county surveyor.

SAN LUIS OBISPO, Cal.—County supervisors adopt resolution whereby the county will contribute $15,000 toward the constr. of a bridge over Pismo Creek as the county's part in the bldg. of a highway over the stretch of road bet. Pismo Beach and the So. Pac. Ry. Co.'s tracks. The proposition has been accepted by the state highway comm.

UKIAH, Mendocino Co., Cal.—Until Aug. 14, 10 a. m., bids will be rec. by W. H. Prather, county clerk, to const. Pratt combination truss bridge and trestle across Russian River, at Calpella. Bidder to furnish 300 ft. wooden bent trestle, all lumber and concrete piers in place. Cert. check 10% req. with each bid. Plans obtainable from county surveyor.

RIVERSIDE COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, Aug. 6, 2 P. M., to const. bridge across Whitewater river near Whitewater, Riverside County. Structure will be composed of eight 54-foot reinforced concrete girder spans with concrete piers, abutments and wing walls, about 1975 feet of earth dykes with reinforced concrete slope paving, about one-half mile of approach roadway paved with Portland cement concrete and reinforced concrete pipe culverts through roadway and dykes. Approximate quantities of materials required in the work follow: 1120 cu. yds. Class "A" conc. in place in bridge and in culvert headland into use. The work will include walls; 820 cu. yds. Class "A" conc. in place in roadway pavement; 700 cu. yds. Class "A" conc. in place in slope paving; 1860 cu. yds. Class "D" conc. in place in bridge; 18,000 cu. yds. roadway embankment; 7900 cu. yds. embankment for dykes; 3500 cu. yds. boulder backfill in place; 336 lin. ft. 24" rein. conc. pipe in place; 245,000 pounds of reinforcing steel in place.

SAN FRANCISCO—Until Aug. 15, 3 p. m., bids will be rec. by Ed. Pub. Wks. to furnish, deliver and erect steel bridge superstructure to carry Day Crossing Pipe Line at Dumbarton Point est. cost $250,000. A bond of 20% of the contract price will be required of the successful bidder. The structure will contain 36 spans in all, each 105 ft. long. Construction involves: 2,800,000 lbs. of metal in the 36 spans including fixed and expansion end bearings; 326,000 sq. ft. of protective coating on exposed steel surface; 288 r.w. pipe sills and 58,500 B. M. ft. O. P. walkways. Plans and specifications obtainable from office of City Eng. M. M. O'Shaughnessy, 3rd floor, city hall.

NAPA, Napa Co., Cal.—John H. May, Napa, at $5716.10 awarded cont. by supervisors to const. rein. conc. deck bridge near Oakville school house; 2 rein. conc. culverts on Oakville Cross Road; and one 3-span rein. conc. bridge at Conn Creek on Oakville Cross Road. Other bids: Simon Lenz & Son, St. Helena, $6041.25; Harry Thorsen, St. Helena, $6509.75; Frank Gaggero, Napa, $6800.25; Gates & Brazelton, Vacaville, $6878.50.

NAPA, Napa Co., Cal.—John H. May, Napa, at $29,977.33 awarded cont. by supervisors to const. rein. conc. highway bridge over Napa river on Oak Knoll Ave. Other bids: Davison & Nicolsen, Stockton, $30,250; C. H. Gildersleeve, San Francisco, $32,516; Bordwell & Zimmerman, Napa, $34,683.75.

Engineers and Contractors
PLEASE NOTE
We are FACTORY distributors
—for—
MILBURN CARBIDE FLARE LIGHTS
for Night Work 500 - 12,000 c. p.
Economical and Efficient
MILBURN OXY-AVETYLENE WELDING AND CUTTING APPARATUS
for Repairing and Construction
Let us send you full information
E. D. BULLARD
268 Market St., San Francisco
Phone Douglas 6320-Doug. 6321

EUREKA, Humboldt Co., Cal.—Until Aug. 14, 2p. m., bids will be rec. by Fred M. Kay, county clerk, to const. wooden truss bridge over Seven Mile Slough in Rd. Dist. No. 3. Spec. obtainable from clerk. A. J Logan, county surveyor.

SAN DIEGO, Cal.—Until 11 a. m., Aug. 7, bids will be rec. by supervisors to const. pile trestle bridge with asph. conc. wearing surface across the San Diego river near the old Mission on San Diego county highway commission route No. 3. Cert. check 5%. J. B. McLees, clerk.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OAKLAND, Cal.—The Council of the City of Oakland opened bids on July 26, 1923 for treating piles, sheet piling and timbers for timber bulkhead between First and Third Streets.

Bids were as follows:

Stephens & Lasher	$3920
Marine Piling Co.	6622

CALIFORNIA — See "Miscellaneous Construction," this issue. State Reclamation Board.

WASHINGTON, D. C.—See "Government Work and Supplies," this issue. Dredging and fills.

BIGGS, Butte Co., Cal.—Until Aug. 15, 11 a. m., bids will be rec. by Chas. Bloom, secy. Board of Directors, Drainage District No. 200 of Butte County, at the office of W. W. Green, engineer of District, to const. protection levee along or near the west line of the district to restrain flood water of Cherokee canal; const. of 2 drainage ditches near the levee; removal of present east levee of Cherokee canal for distance of 600 ft. and placing rmoved earth alongside proposed levee. Cert. check 10% payable to Board of Directors req. with each bid. **See call for bids under official proposal section in this issue.**

MEXICO CITY, Mex.—Corona Co. of Holland has been awarded contr. by state of Tampico, at $6,000,000 to dredge the Rio Ponuco, the harbor of Mexico City. The figures given are dollars, not pesos.

DAVIS, Yolo Co., Cal.—Southern Pacific Co. plans extensive improvements at its plant here. Tracks will be relocated in addition to making a fill 20-ft. wide, 10-ft. deep for approx. one mile.

LOS ANGELES, Cal. — Pan-Pacific Constr. Co., 629 Cit. Natl. Bank Bldg., submitted low bid to city harbor comm. July 20, at $441,000 (or 15.75c cu. yd.) for dredging in the West Basin, under spec. No. 491, involv. 2,800,000 cu. yds.; time limit, begin in 30 days, complete in 690 days. Other bids were: United Dredging Co., 26.3c yd.; start in 60 days, complete in time specified; San Francisco Bridge Co., 28.3c yd; time limit, begin in 90 days, complete in 900 days. Bids were referred to the harbor engineer.

CHICO, Butte Co., Cal.—Until Aug. 9, 10 a. m., bids will be rec. by Clay B. Harris, secy Butte Creek Drainage District, at the office of Jerome D. Peters, Attorney, Room 8, Bank of Italy Bldg. Chico, to construct outlet canal, levees, ditches and other appurtenances lying in Sections 23, 24, 25, 26 & 36, in Township 16 North, Range 1 West, M. D. B. & M. Plans obtainable from above address.

PHOENIX, Ariz. — See "Irrigation Projects," this issue. Queen Creek Irrigation District.

IRRIGATION PROJECTS

MODESTO, Stanislaus Co., Cal.—H. A. Storrs, consulting engineer, Claus Spreckels Bldg., San Francisco, has been appointed chief engineer of the Modesto Irrigation, succeeding Percy F. Jones, resigned.

PHOENIX, Ariz.—Until Aug. 13, bids will be rec. by Queen Creek Irrigation Dist. for the purchase of the $300,000 bond issue voted for drilling new wells and building ditches, etc., and for the purchase of additional pumping plants.

CALIFORNIA—Following is a partial list of applications filed during the month of June, 1923, with the State Department of Public Works, Division of Water Rights, for permits to appropriate water:

Application No. 3466 (Sutter County) James H. Donnelly, 1515 M St., Sacramento, for 1.13 cu. ft. per sec. from Sacramento River, for irrigation of 90 acres. Est. cost $2000.

App. No. 3468 (San Bernardino County) City of San Bernardino, San Bernardino, for .25 cu. ft. per sec. for domestic supply for Municipal play ground of 26 acres. Est. cost $1000.

App. No. 3469 (Calaveras County) Mokelumne River Power & Water Co., San Mateo, for (a) 1000 ac. ft. per annum, (b) 59,000 ac. ft. per annum, (c) 20,000 ac. ft. per annum, for agricultural purposes to irrigate 48,000 acres. Main canal 16 miles. Est. cost, $1,200,000.

App. No. 3470 (Tehama Co) Somers & Co., 485 California Street, San Francisco, for 2.77 cu. ft. per sec. for irrigation of 222 acres. Est. cost, $4000.

App. No 3471 (Tehama Co) Somers & Co., 485 California St., San Francisco, for 3.38 cu. ft. per sec. for irrigation of 271 acres. Est. cost $4000

App. No. 3472 (Tehama Co.) Somers & Co., 485 California St., S. F. for 13.75 cu. ft. per sec. for irrigation of 1100 acres. Est. cost, $10,000.

App. No. 3473 (San Diego Co.) J. E. McDonald. Mountain Springs, Jacumba, Cal., for .015 cu. ft. per sec. for irrigation, domestic purposes, and service station. Est. cost $8000.

App. No. 3476 (Los Angeles Co.) W. F. Harrington and Grace Matfield, South Pasadena, Cal., for .5 cu. ft. per sec. for irrigation of 117 acres. Est. cost $1500.

App. No. 3484 (Sacramento Co.) Haggin Bottom Land Co., Sacramento, Cal. for 20 cu. ft. per sec. for irrigation of 1600 acres.

App. No. 3489 (Modoc Co.) James C. Porter, Alturas, Cal., for 500 ac. ft. per annum for irrigation of 172 acres. Est. cost $2000.

App. No. 3490 (Tehama Co.) Bank of Tehama County, Red Bluff, Cal. for 1.75 cu. ft. per sec. for irrigation of 140 acres. Est. cost $2500.

App. No. 3491 (Calaveras Co.) J. S. Jack and Mazzini Gattavara, Mountain Ranch, Calaveras County, for 3 cu. ft. per sec. for mining purposes. Est. cost $4500.

App. No. 3492 (Humboldt Co.) J. N. Lentell. Eureka, Cal., for 15 cu. ft. per sec. and 1600 ac. ft. per annum for municipal purposes to supply Eureka and Arcata and vicinity. Est. cost, $1,500,000.

PERMITS

Following permits were granted during the month of June, 1923:

Permit No. 1447 (San Bernardino Co.) S. B. Schauer, Carpenteria, Cal., for .69 cu. ft. per sec. for use for irrigation of 55 acres. Est. cost $1000.

Permit No. 1449 (Monterey Co.) P. H. Smith, Soledad, Cal. for .04 cu. ft. per sec. for domestic purposes and irrigation of 40 acres. Est. cost $1000.

Permit No. 1450 (Los Angeles Co.) Franklin W. Robinson, Sandberg, Cal., for .50 cu. ft. per sec. for domestic purposes and irrigation of 40 acres. Est. cost, $4000.

Permit No. 1453 (Shasta Co.) M. L. Hart, Big Bend, Cal., for .50 cu. ft. per sec. for irrigation of 40 acres. Est. cost $1000.

Permit No. 1454 (Yuba Co.) Amelia Disch, Marysville, Cal., for 1.5 cu. ft. per sec. for irrigation of 140 acres. Est. cost $1000.

Permit No. 1458 (Los Angeles Co.) Robert P. Holmes, 141 Flower St., Huntington Park, for .12 cu. ft. per sec. for domestic use and irrigation of 10 acres. Est. cost $1000.

Permit No. 1460 (San Bernardino Co.) W. S. James, Isabelle, Cal., for .13 cu. ft. per sec. for mining purposes. Est. cost $2000.

Permit No. 1462 (San Joaquin Co.) Ren Featherston, Clements, Cal., for 2.50 cu. ft. per sec. for irrigation of 220 acres. Est. cost $5500.

Permit No. 1464 (Amador Co.) Charles S. Hall, Camanche, Cal., for .45 cu. ft. per sec. for irrigation of 36 acres. Est. cost, $1500.

Permit No. 1465 (San Joaquin Co.) Joseph Kissel, Clements, Cal., for .31 cu. ft. per sec. for irrigation of 25 acres. Est. cost $1200.

Permit No. 1473 (Los Angeles Co.) H. Sandberg, Sandberg, Cal., for .025 cu. ft. per sec. for domestic use. Est. cost, $3000.

Permit No. 1474 (San Diego Co.) Ed Fletcher, San Diego, for 50 cu. ft. per sec. for power purposes. Proposes to develop 9222 t. h. p. Est. cost $390,000.

Permit No. 1475 (Calaveras and Tuolumne Co.) South San Joaquin Irrigation District, Manteca, Cal., for 950 cu. ft. per sec. for power purposes. Proposes to develop 7557 t. h. p. Est. cost $300,000

Permit No. 1476 (Butte Co.) E. J. Robinson, Oroville, Cal., for 1.59 cu. ft. per sec. for irrigation of 127.11 acres. Est. cost $4000.

Permit No. 1477 (Butte Co.) John Harriger, Oroville, Cal., for 1.88 cu. ft. per sec. for irrigation of 150 acres. Est. cost $6000.

CARSON CITY, Nevada—State Eng. Robert A. Allen has issued a permit to State Senator Jerry Sheehan and John G. Taylor, both of Winnemucca, for the impounding of 200,000 acre-feet of flood water on the Humboldt River. The water is to be used for reclamation of the Grass Valley project between Golconda and Winnemucca. Senator Sheehan declares that $2,100,000 had been pledged for the project, which includes 25,000 acres of highly fertile land.

PHOENIX, Ariz.—An election will be held in the Palo Verde river irrigation and power dist., Aug. 7, to vote on a $23,000,000 bond issue for the const. of works which will provide 70,000,000 h. p. and bring approx. 92,000 acres of the const. of storage and diversian dams, power plants, irrigation canals and laterals. Information may be obtained from the office of the dist., 517 E. Adams St., Phoenix.

MODESTO, Stanislaus Co., Cal. — Election will be held Aug. 15 in Modesto Irrigation District to vote bonds of $135,000 to finance installation of drainage system. Percy F. Jones, ch. eng. for district.

SAN DIEGO, Cal.—County supervisors have adopted a resolution fixing the boundaries of the proposed Vista Irrigation Dist.

LIGHTING SYSTEMS

SACRAMENTO, Cal.—City Commission has approved plans and bids will be asked shortly to construct 16th street subway for which bonds of $60,000 were voted. In addition to the $60,000 to be paid by the city the S. P. Railroad will pay $80,000 of the cost of tht project. Albert Givan, City Eng.

SANTA ANA, Cal.—A. C. Black is circulating a petition for a pressed steel lighting system on Broadway, bet. First St. and n end of Broadway.

FRESNO, Fresno Co., Cal.—Robinson Electric Co., 1162 Broadway, Fresno, at $30,900 awarded cont. by council to install 155 electroliers together with necessary conduits and appurtenances in Kerchkoff Ave., Huntington Blvd. and other streets.

MACHINERY AND EUIPMENT

GRASS VALLEY, Nevada Co., Cal.—City council will purchase $8000 for street scarifying outfit, delivery to be made in August.

DINUBA, Tulare Co., Cal.—Until Aug 3, bids will be rec. by J. Rene Clotfelder, Dinuba High School District for purchase of bus to transport pupils. Spec. obtainable from clerk in the Main Bldg., Kern and K Sts., Dinuba.

SAN JOSE, Santa Clara Co., Cal.—Artana-Geoffroy Co., San Jose, at $6654 less 10% each awarded cont. by county supervisors to fur. two Fageol trucks at net cost of $11,977.20. Butler-Veitch Inc., San Jose, only other bidder at $6660.54 each.

WATSONVILLE, Santa Cruz Co., Cal. —Until Aug. 1, 7:45 p. m., bids will be rec. by T. S. MacQuiddy, sec Watsonville Union High School District, for fur. and del. one moderate priced automobile with delivery body. Cert. check 10% req. with each bid.

SAN JOSE, Santa Clara Co., Cal. — Frances Andrada, San Jose, at $3000 awarded cont. by supervisors for fur. one 3½-ton Kleiber motor truck.

SAN JOSE, Santa Clara Co., Cal.—Benson and Weaver, 89 South Market St., San Jose, at $1395 awarded cont. by supervisors for fur. one 7-ton Lee trailer with 8-in tires (without brakes) on two wheels. With brakes the bid was $1450.

RAILROADS

PLANNED

SANTA BARBARA, Cal. — Southern Pac. Ry. has taken over the franchise, etc. of the Pacific Southern Ry. Co., which has been organized to const. a 4-mi. line betw. the Celite mines at White Hills and Lompoc.

DAVIS, Yolo Co., Cal.—See "Dredging Harbor Works and Excavations," this issue.

WASHINGTON, D. C.—Oregon Short Line has been authorized by the Interstate Commerce Commission to proceed with the construction of 98 mi. of new line between Rogerson, Idaho and Wells, Nevada. At Wells, the new line will connect with the S. P. and W. P. systems. Construction is estimated at $5,094,000.

OAKLAND, Cal.—Bond election will be held in October to vote approximately $10,000,000 for harbor improvements which include the construction of a belt railroad in addition to spur tracks. Ralph Beebee is city harbor engineer.

BISBEE, Ariz.—The Southern Pacific Railroad of Mexico is reported clearing an old right of way from Nacezari southwest to Tunichi, previously surveyed. The plan was made some years ago by the late Col. Epes Randolph, who planned to build a line tapping a rich mining territory. It is said that if J. S. Douglas is given a franchise for his Tucson, Phoenix and Tidewater Railroad, the Southern Pacific will build into Douglas.

SELBY, Contra Costa Co., Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded contract by S. P. Co., to grade and const. 365 ft. of spur track at Selby, in addition to constructing retaining walls about a section of the track.

SAN BERNARDINO, Cal.—U. P. Ry. will let contracts shortly for about $1,750,000 worth of structure, including shops, stations and equipment. Orders have been placed for 1225 tons structural steel and a 200-ton locomotive crane.

MELROSE, Alameda Co, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, at $38,000 awarded contract by Southern Pacific Co., to rebuild Seventh St. electric line bet. 57th Ave and Church, known as Melrose Extension.

FIRE EQUIPMENT

LOS ANGELES, Cal.—Until 9 A. M., July 31, bids will be rec by City Purchasing agent, 202 n. city hall annex, for fire hose under spec. No. 685. Cert. chk. or bond, 10%, and affidavit of non-collusion. Thomas Oughton, purchasing agent.

MISCELLANEOUS SUPPLIES

NAPA, Napa Co., Cal. — Frank G. Noyes & Co., Napa, at $3.11 per bbl. awarded cont. by supervisors to fur. 1500 bbls. cement. Napa Lumber Co., at $3.11 awarded contract to furnish 1500 barrels.

SEATTLE, Wash.—Until Aug. 3, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, for fur and del. City Light Storeroom, 1035 6th Ave., South. 7000 ft. lead covered cable. Consideration for early delivery will be given at time of making award.

RESERVOIRS AND DAMS

NEVADA CITY, Nevada Co., Cal. — The State Department of Public Works, Division of Water Rights, has granted a permit to the Excelsior Water and Power Co., to construct a dam at Scott's Flat on Deer Creek seven miles east of Nevada City, in connection with a project which the irrigation of 25,000 acres in Nevada and Yuba counties is contemplated. The dam will cost approx. $500,000 and will have a capacity of 60,000 acre feet; will be 110 ft high and approx. 1000 ft. long. At later date the height will be increased to 145 ft. Plans for two type of dam have been prepared: the multiple arch and the constant angle. The type is yet to be selected. W. G. Allen is general manager of the Excelsior company.

RIVERSIDE, Cal.—Mayor S. C. Evans and Citl Engr. Lee Naizgar state that work on the proposed Fairmont Park dam will start within 30 days. The dam will form a lage from the march land to be drained. A survey for the dam is under way.

PIPE LINES, WELLS, ETC.

OROVILLE, Butte Co., Cal.—Time for opening bids to dig well for memorial fountain fronting the high school has been extended from July 25 to Aug. 6, by the Eastside Improvement Club, who will finance the project. Mrs. E. D. Brereton is secy. of the club.

PHOENIX, Ariz. — See "Irrigation Projects," this issue. Queen Creek Irrigation District.

REDWOOD CITY, San Mateo Co. Cal. —Until Aug. 6, 8 p. m., bids will be rec. by W. A. Price, town clerk, for fur. the following material to be delivered f. o. b. cars, Redwood City:

1900 ft. 6-in. c. i. water pipe.
2400 ft. 4-in. c i water pipe
Five 6x6-in. by 4-in. c. i. tees.
One 6-in. c. i. tee
Five 4-in c i crosses.
Seven 4-in. c. i. tees.

All pipe to be hub and spigot form class B Standard weight and thickness American Water Works Assn. and in 12-ft. lengths; all tees with 3-hub ends, crosses with 4-hub ends.

See call for bids under official proposal section in this issue.

FRESNO, Fresno Co., Cal.—Until Aug 15, bids will be rec. by J. B. Leininger, clerk, Roeding School District, to install a 24-in. conc. pipe line about 450-ft. in length with rein. conc. inlet and outlet structures. Further information obtainable from clerk.

SEWAGE DISPOSAL PLANTS

LOS ANGELES, Cal.—Shinn-Holtz-Lyon Co., 2130 E 7th St., submitted low bid to supervisors at $1150 to fur. and install 2 sewage pumps with piping and incidental equipment for septic tank at El Retiro, near San Fernando. Time limit, 45 to 60 days. Other Bids were: Frank Lowry, P. O. Box 107, Hollywood, $2398.25; 14 days; Byron-Jackson Iron Works, 2542.56; 40 to 50 days.

TRACY, San Joaquin Co., Cal.—Until Aug. 9, 8 p. m., bids will be rec. by Geo. L. Frerichs, city clerk, to const. sewage disposal plant consisting of excavation, grading, reinforced concrete construction, piping and installation, installing machinery, boring well and laying outfall sewer. Clyde F. Smith, Consulting Sanitary Engineer, 516 Santa Barbara Rd., Berkeley. Following units are to be bid upon:

1. Outfall sewer, 18-in. conc. vit. or wood stave pipe, approx. 6400 ft.
2. 2 units of Imhoff tanks with appurtenances, including sludge drying beds.
3. Dosing tank with Miller siphon.
4. Trickling filters with all appurtenances.
5. 3 units of secondary settling tanks with appurtenances.
6. Sump house with gasoline motor and two pumps.
7. Overflow bypass 12-in. conc., vit. or wood stave pipe, approx. 400 ft.
8. Boring well.

See call for bids under official proposal section in this issue.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Supervisors adopt ordinance authorizing the construction of a safety station at 17th, Castro and Market streets. Bids will be asked shortly.

CALIFORNIA—The State Reclamation Board, Forum Bldg., Sacramento, will shortly hold hearings on the following applications for improvements in various districts:

District 1600—Plans to modify certain existing plans in connection with the drainage system of Sutter Basin.

District 1500—Approval of plans to construct three current retards near Collins eddy. Estimated cost, $7000.

District 1000—Approval of plans for an additional concrete collar under the crown of the district levee.

Sacramento City—Approval of plans for levee revetment between Sutterville Road and Y Street. Estimated cost, $90,000.

District 2047—Approval of plans for seven current retards near Bend above Colusa. Estimated cost, $50,000.

James E. Donnelly — Approval of plans for pumping plant above Knights Landing.

OAKLAND, Cal.—Oakland Paving Co. 5000 Broadway, Oakland, has leased two industrial sites near the waterfront and will spend $60,000 in establishing a concrete and asphalt mixing plant.

REDDING, Shasta Co., Cal. — Construction has been started on the east portal of the 20,000-ft. tunnel of the Pacific Gas and Electric Co., which is a unit of the diversion canal from the Pit river to Pit No. 3 power house.

SAN JOSE, Santa Clara Co., Cal. — Looman and Brimhall, 445 South 1st St., at $620 awarded cont. by supervisors to construct wooden bunker at county gravel pit at Los Gatos creek at Campbell, in Supervisor District No. 4. Surveyor's estimate $650. Other bids: R. K. Wells and O. G. Comstock, $720; Wm. Martin, $627.

MERCED, Merced Co., Cal. — See "Miscellaneous Building Construction," this issue. Merced Cement Plant.

SAN LUIS OBISPO, Cal.—The Granite Constr. Co., of Watsonville, has been granted permit by the city of San Luis Obispo to const. a bunker to cost $8000, on Santa Barbara Ave. near the S. P. Milling Co., San Luis Obispo.

EL SEGUNDO, Cal.—Bent Bros., 1714 Eagle St., Los Angeles, awarded contr. to const. 3,000,000 bbls. rein. conc. lined oil reservoir at El Segundo for the Standard Oil Co.

SACRAMENTO, Cal.—Until Aug. 2, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to const. subway through levee at 16th and B Sts. Cert. check 10% payable to City Controller req. with each bid. Plans on file in office of city clerk. Albert Givan, city engineer.

LONG BEACH, Cal.—Council orders plans for $80,000 subway under Ocean Blvd., near the foot of Pine Ave. R. D. Van Alstine, city engr.

SAN JOSE, Santa Clara Co., Cal.—Until Aug. 6, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to construct wooden gravel bunker at Los Altos. Further information obtainable from clerk.

SAN PEDRO, Cal. — Pan-American Petroleum Co. announces plans for the development of a 900-ft. water front space, south of Catalina Flying Boat terminal, involv. a loading plant of 20,000 bbls. an hour capacity; storage facilities for 400,000 bbls.; and an 8-in. pipe line connecting with the refinery at Watson Station. Work on the pipe line has started. W. P. Cook, engr., has arrived to supervise construction of the new facilities.

SACRAMENTO, Cal.—Until Aug. 2, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to const. pedestrian Lane through the 12th street subway. Cert. check 10% payable to City Controller req. with each bid. Plans on file in office of clerk. Albert Givan, city engineer.

SAN FRANCISCO—Plans have been completed by Frank G. White, chief engineer for the Board of Harbor Commissioners, Ferry Bldg., for the $400,000 tunnel under Market street at the Ferry Loop and bids for construction will be asked early in August. The estimated cost of construction is placed at $400,000; cost to be borne by the city of San Francisco, the state and the Market Street Railway Company.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

WATER WORKS

PHOENIX, Ariz. — See "Irrigation Projects," this issue. Sale of bonds to finance improvements.

CALIFORNIA — See "Miscellaneous Construction," this issue. State Reclamation Board.

SAN BRUNO, San Mateo Co., Cal.—City trustees sell the $100,000 water bond issue for a premium of $10. Proceeds of the sale will finance improvements and extensions to municipal water system. Geo. A. Kneese is city engineer.

SOUTH PASADENA, Cal.—The $200,000 water bond issue carried at the election July 18. The funds derived will be used to sink wells in order to increase the local water supply. Work will involve 3 mi. pipe line; 6,000,000 gal. reservoir, 2 booster pumps and drill 1 more well. A part of the funds will be used to purchase the water rights to 40 acres in the north part of San Gabriel.

SAN DIEGO, Cal.—Until 10:30 a. m., Aug. 27, bids will be rec. by city clerk San Diego, for constructing complete on blk 122, Univ. Hts., one 1,200,000 gal. steel water tank with tower and foundations. Bidders are invited to submit their own designs and spec. Cert. chk. 5%. W. H. Cameron, supt. purchasing department.

PLAYGROUNDS AND PARKS

SANTA ROSA, Sonoma Co., Cal. — Plans for the proposed swimming tank to be located in the College lot grounds will be considered at the next meeting of the Board of Education. The Playground Commission has $7000 available for this work.

SAN FRANCISCO—M. M. O'Shaughnessy instructed by supervisors to submit to committee on Education, Parks and Playgrounds, estimates of cost to make available, either by purchase or lease, an auto camp at Visitacion Valley on the south side of Sunnyvale Ave. bet. Cora and Peabody Sts.

SEWERS & STREET WORK

GLENDALE, Calif.—W. J. Curren, Box 159, Glendale, submitted low bid to council to imp. Cypress St., Magnolia Ave., Los Angeles St. and San Fernando Rd., involv. 1030 lin. ft. grading, 72c ft.; 37,970 sq. ft. 3-in. macad. paving 10c ft; 4574 sq ft. walk, 17c ft.; 224 ft. curb, 50c ft.; 560 ft. 6-in. and 975 ft. 4-in. C. I. water pipe, $2615 compl.

CALIFORNIA—Until Aug. 13, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with gravel 11.5 mi. of highway in Sonoma County, bet. Baltane and Schellville. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

SAN MATEO CO., Cal.—Until Aug. 13, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with Port. cem. conc. shoulders and an asph. conc. wearing surface, 3.4 mi. in San Mateo county, bet. San Bruno and San Mateo. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

RICHMOND, Contra Costa Co., Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, at $37,724.55 awarded cont. by city council to imp. Stege Ave. and 34th St., bet. South St. and Cutting Sts., bet. Wall and 36th, 37th and 38th Sts., bet. Wall and Cutting Blvd.; grade; pave with Richmond Stand. macadam; cem. conc. curbs with gal. steel curb bars; conc. gutters, walks, open drains, wingwalls; corru. iron or steel and cem. conc. culverts. L. L. Page, Richmond, only other bidder.

ANAHEIM, Calif.—Charles Thompson and M. O. Packard, Jr., 1130 Loew State Bldg., Los Angeles, submitted low bid to city trustees to const. joint outfall sewer. His bid was as follows: Sec. 2, involv. 12,278.36 ft. 27-in. pipe and 17,300 ft. 30-in. pipe, with manholes and about 1000 ft. pile trestle, as follows: (a) Segment blk., $186,819.37; (b) vite pipe no bid; (c) conc. pipe, $149,918.59. Sec. 3, involving 5062.85 ft. 24-in. pipe and 13,201.37 feet 27-inch pipe with manholes, as follows: (a) $83,613.93; (b) no bid; (c) $63,587.49. Sec. 4, involv. 9249.36 ft. 24-in. pipe with manholes, as follows: (a) no bid; (b) $26,612; (c) $25,784.25. Other bids were:

D. R. Nichols, Dallas, Tex.—Sec. 2, no bids; Sec. 3 (a) $92,714.99; (b) no bid; (c) $76,306.13; Sec. 4 (a) no bid; (b) $35,052.15; (c) $32,637.88.

deWaard & Cobham, San Diego—Sec. 2 (a) $178,521.31; (b) $174,837.81; (c) $151,789.03; Sec. 3 and Sec. 4, no bids.

C. E. Green, Los Angeles—Sec. 2 (a) $190,814.90; (b) $188,314.53; (c) $143,751.64; Sec. 3, (a) $97,301.68; (b) $93,568.03; (c) $71,651.26; Sec 4 (a) no bid; (b) $30,274.83; (c) $29,067.70.

H. D. Churchill Co., 350 Merrick St., Los Angeles—Sec. 2, (a) $195,952.50; (b) $197,911.22; (c) $162,129.52; Sec. 3 (a) $96,261.55; (b) $91,974.77; (c) $76,159.81; Sec. 4 (a) no bid; (b) $29,932.45; (c) $29,328.92.

George W. Kemper, Alhambra—Sec. 2, no bid; Sec. 3 (a) $108,809.88; (b) $104,661.38; (c) $93,783.85; Sec. 4 (a) no bid; (b) $35,049.60; (c) $34,187.36.

Downer & Mero, Oakland—Sec 2 (a) $199,492.47; (b) $22,619.65; (c) $159,728.88; Sec. 3 (a) $90,230.13; (b) $96,176.31; (c) $73,544.69; Sec. 4 (a) no bid; (b) $25,676.96; (c) $24,814.72.

Cox and Tegel, Alhambra—Sec. 2, no bids; Sec. 3 (a) $89,768.28; (b) $84,236.95; (c) $68,519.49; Sec. 4 (a) no bid; (b) $28,639.13; (c) $27,776.89.

O. P. Herrick, Long Beach—Sec. 2 (a) $218,634.93; (b) $206,803.60; (c) $184,759.14; Sec. 3, (a) $104,748.30; (b) $101,982.63; (c) $90,228.55; Sec. 4 (a) no bid; (b) $37,205.20; (b) $37,205.20.

Nikcevich & Budincich, Long Beach, submitted a bid which would have been low, but was thrown out because no check was enclosed. The bid was as follows: Sec. 2 (a) $167,443.04; (b) $173,715.89; (c) $144,282.51; Sec. 3 (a) $75,747.23; (b) $81,278.56; (c) $63,048.59; Sec. 4 (a) no bid; (b) $25,961.08; (c) $25,529.96.

SAN FRANCISCO—Bd. Pub. Wks. rejects bids for following street improvements:

McKinnon Ave., bet. Newhall and Phelps, involv. 371 lin. ft. conc. curb; 1436 sq. ft. art. stone walks; 12,380 sq. ft. asph. conc pavement; 5 br catchbasins and 205 lin. ft. 10-in. culvert. C. B. Paton was low bidder at $6050.64.

Boyce St., bet. St. Roses Ave. and pt. 225 ft. north involv. 300 lin. ft. granite curb; 3150 sq. ft. brick pavement and 3600 sq. ft. asph. conc pavement. Raisch Imp. Co. was low bidder at $3874.50.

Paris St., bet. Amazon and Italy, involv. 800 lin. ft. conc. curb; 6000 sq. ft. asph. conc. and 10,000 sq. ft conc pavement. Raisch Imp. Co. was low bidder at $6090.

AUBURN, Placer Co., Cal.—City trustees will sell $65,000 bond issue July 25 to finance paving of streets to connect up the Sacramento, Colfax and Grass Valley highways within the city limits. A. J. Barleau, city eng.

TUCSON, Ariz.—Borderland Constr. Co. awarded contr. by council for the Helen and Mabel Streets Imp., involv. the following: 80,000 cu. yds. excav., 65c yd.; 22,000 sta. yds. overhaul at 5c yd.; 60 lin. ft. valley gutter, $1.20 ft.; 50,988 lin. ft. 18-in. concr. curb, 70c ft.; 19,926 lin. ft. 9-in. sewer pipe, 70c ft.; 1948 lin. ft. 10-in. sewer pipe, $1.10 ft.; 36 manholes, $100 ea.; 43 lampholes, $20 ea.; 6 flush tanks, $145 ea.; 13,830 cu. yds. trench excav. and backfill, 8 ft. and under, $1.70 yd.; 1260 cu. yds. trench excav. and backfill, over 8 ft., $2 yd.; 65 survey mounts, $10 ea.

REDONDO BEACH, Cal.—Until 8 p. m., Aug. 6, bids will be rec. by city trustees to imp. Central Ct., bet. Vincent and Emerald Sts.; grade and pave with 3½-in. macad. paving; const. class A curb; conc. butter; r.w. headers; Vrooman Act. Harry Polglase, clerk.

NAPA, Napa Co., Cal.—A. J. and J. L. Fairbanks, 625 Market St., San Francisco, at $64,083.80 awarded cont. by supervisors to grade Monticello-Winters road. Other bids: John P. Holland, San Francisco, $64,330.76; Galbraith and Janes, Napa, $67,161.80; Collins & Seppi, Chico, $72,572; Tieslau Bros., Berkeley, $75,703; Blumenkranz & Vernon, Stockton, $77,350; T. M. Olney, Oakland $71,818.

PASADENA, Cal.—Until 10 a. m., Aug. 1, bids will be rec. by city directors to imp. Scott Pl. bet. Arroyo Seco Terrace and Lester Ave.; grade and pave with 2-in. oil macad.; const. cem. curb, gutter. W. C. Earle, city engr.

SAN JOSE, Santa Clara Co., Cal.—John Doyle, 660 North 10th St., San Jose, at $5487 and $16.50 cu. yds. for conc. shoulders and patching, awarded cont. by supervisors to imp. San Jose and Alviso road in Supervisor District No. 3. Surveyor's estimate, $6060, patching, $15 cu. yd. L. J. McReynolds, $5965 and $15 cu. yd. only other bidder.

LONG BEACH, Cal. — Council declares inten. to improve under 1911 Act following streets:

11th St., St. Louis and Dawson Aves.; by const. class B curbs and walks.

Roswell Ave., bet. Livingston Dr. & 4th St., and portions of other streets; grade and pave with 6-in. conc.; const. class B curb, walk, gutter, corru. iron pipe culvert.

FULLERTON, Cal.—L. A. Paving Co., 2900 Santa Fe Ave., Los Angeles awarded contr. by council at $192,824.97 to pave portions of West Santa Fe Ave. and other streets, involv. 95,309.88 sq. ft. 5-in. Warrenite paving at 23.5c ft.; 764,360.63 sq. ft. 4-in. Warrenite paving at 21.9c ft.; 2900 ft. curb at 60c ft.; removal of reconstr. of curbs, $295.92; installing headers, $22; headers, $427.50 1400 ft. sherardized conduit at 60c ft.

SAN JOSE, Santa Clara Co., Cal.—L. J. McReynolds, Hollister, at $7159 awarded cont. by supervisors to imp. Jackson Ave. in Supervisor District No. 3. Surveyor's estimate $5635, using commercial rock $7090. John Doyle only other bidder, $7442, commercial rock, $1125 additional.

SAN JOSE, Santa Clara Co., Cal.—Until September 4, 11 a. m., bids will be rec. by Harry A. Pfister, county clk., to imp. Lawrence Station road from San Jose to San Francisco road and to Stevens Creek road, all in Supervisor District No. 4. Specifications obtainable from office of clerk.

VENTURA, Cal.—Until 11 a. m., Aug. 8, bids will be rec. by co. supervisors to pave Briggs Rd. in the Fourth Rd. Dist., bet. Telegraph Rd. to Foothill Rd., involv. 6000 lin. ft. shaping and rolling; 96,000 sq. ft. asph. macad. paving. Cert. check 2%. L. E. Hallowell, clerk. Chas. W. Petit, county surv.

NAPA, Napa Co., Cal.—Until Aug. 14 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, to imp. county road from point near Lowrie Ranch to point near Lowrie Ranch to point near the Wardner Hill. Cert. check 10% payable to Chairman of Bd. of Supervisors req. with each bid. Edw. P. Ball, county surveyor.

FRESNO, Fresno Co., Cal — Until Aug. 2, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. Carmen Ave., bet. Lucerne Lane and Moroa Ave., and Lucerne Lane betw. Pine and McKinley Ave.; grade; const. conc. curb, gutter and walks; corru. metal base on 1½-in. Warrenite-Bitulithic surface; 4-in. vit. clay pipe sewer connections; 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

FRESNO, Fresno Co., Cal—City council, R. Y. St. George, clerk, declares inten. to imp. McKinley Park Ave., bet. Palm Ave. and e. lin. of Block 4, North Park Terrace; grade; const. conc. curb, gutter and walks; corru. metal culverts with culv. manholes; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bithulithic surface. 1911 Act. Protests Aug. 9. Wm. Stranahan, city eng.

RIVERSIDE, Cal.—Stahlman & Potter Constr. Co., awarded contr. by council at $17,518.45 to imp. Rivera St. and portion of Crestmore Ave., involv. 100,532 sq. ft. macad. roadway at 17c ft.; 55,601 sq. ft. shoulders graded at 5c ft.; altering one culvert at $150.

PACIFIC GROVE, Monterey Co., Cal. —City trustees, E. S. Johnson, clerk, declares inten. to imp. Lighthouse Ave. bet. 19th St. and city limits; grade; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; 15 corru. iron culverts; 14 catchbasins; 18-in. vit. pipe storm sewer; 5 sidewalk crossings. 1911 Act & Bond Act 1915. Protests Aug. 6. H. D. Severence, city eng.

FRESNO, Fresno Co., Cal.—County Supervisors instructed County Surv. Chris. P. Jensen, Cory Bldg., to prepare spec. for completion of road building program involv. approximately 80 miles, 30 of which are to be paved The units and the type of construction follow:

4-in. asph. conc., route 2, Whites Bridge Rd. to Tranquillity.

4-in. asph. conc., route 5, Blackstone Ave. from Herndon Ave. to Lane's bridge.

4-in. asph. conc., route 12, Manning Ave., from Elm Ave. to Raisin City.

4-in. asph. conc., route 13, Mountain View Ave., from Elm Ave. to Caruthers, the terminus to be at the southwest city limits of Caruthers.

5-in. asph. conc., route 16B, Sanger, Academy Ave., from Ventura Ave. to four miles north.

5-in. asph. conc., route 27, Alta Ave., two miles from Reedley on the Orange Cove highway to the Tulare county line.

5-in. asph. concrete, route 28, Reed Ave., .64 of a mile.

Gravel, Toll House road Clovis city limits to meet the Sanger and Academy road.

Gravel and widening, Trimmer springs road from Ventura Ave. to 10 miles north.

SANTA PAULA, Cal. — Southwest Paving Co., 806 Washington Bldg., Los Angeles, submitted low bid to city trustees July 23, at $136,956.40 for paving various city streets under Res. No. 50, involving (1) 753,934 sq. ft. asph. pavement at 15.5c ft.; (2) 82,760 sq. ft. conc. paving at 16.5c ft.; (3) 16,000 sq. ft. walk at 15c ft.; (4) 7200 ft. 15-in. curb at 50c ft.; (5) 128 ft. 24-in. curb at 75c ft.; (6) one 60-ft. culvert at $210 (7) one 80-ft. culvert at $280. Engr's est., $140,799.60. Other bids were:

Griffin Co.—(1) 15.2c; (2) 20c; (3) 19c; (4) 52c; (5) $1; (6) $300; (7) $400; total, $138,620.

George R. Curtis—(1) 18.2c; (2) 18.2c; (3) 20c; (4) 70c; (5) $1; (6) $200; (7) $240; total, $160,916.32.

H. D. Churchill & Co.—(1) 19.5c; (2) 20.5c; (3) 19.75c; (4) 50c; (5) 75c; (6) $150; (7) $200; total, $171,006.80.

Southern Constr Co.—(1) 19.75c; (2) 22.5c; (3) 22c; (4) 70c; (5) $1; (6) $300; (7) $400; total, $176,726.50.

GLENDALE, Cal.—W. J. Curren, Box 159 Glendale, was awarded contract by city council July 18, for improving Cypress St., Magnolia Ave., Los Angeles St. and San Fernando Rd., involv. 1030 lin. ft. grading at 72c ft.; 37,970 sq. ft. 3-in. macad paving at 10c ft.; 4574 sq. ft. walk at 17c. ft.; 224 ft. curb at 50c ft.; 560 ft. 6-in. and 975 ft. 4-in. c. i. water pipe at $2615 complete.

AUBURN, Placer Co., Cal. — Bids were received on July 25th by trustees to imp. various sts., involving 61,600 sq. ft. grading; 61,600 sq. ft. 5-in. Port. cem. conc. pavement; 4600 sq. ft. curb and gutter; necessary culvert drains. Est. cost, $23,000. Jerome A. Barleau, city engineer.

E. H. Hilliard, Sacramento	$21,635
Galbraith & Janes, Yuba City	22,006.07
Skeels & Hudson, Auburn	22,287.25
Brown & Henny, Auburn	24,201.80
Healy-Tibbetts, S. F.	27,904.15

Contract awarded to E. H. Hilliard.

FAIRFIELD, Solano Co., Cal. — County Surv. F. A. Stelger has completed spec. to pave 2 mi. of highway bet. Suisun and Cordelia with 5-in. asph. conc. Bids will be asked shortly.

SAN DIEGO, Cal.—H. G. Feraud, 1214 Detwiler Bldg., Los Angeles, submitted low bid to county supervisors July 23, at $37,827.60 for paving Nutmeg and Lime Sts., City of Escondido, 1.64 mi., involving grading and paving 156,024 sq. ft. with Willite; constructing culvert.

California Constr. Co., Union Bldg., San Diego, was the low bidder at $81,175 for paving highway from Buena to Vista 2.89 mi., involving grading and paving 276,313 sq. ft. with asph. concr. constructing culverts.

California Constr. Co., also submitted low bid at $63,960 for paving highway bet. Bernardo and Escondido, by grading and paving 289,163 sq. ft. with asph. concr. Bids were taken on 4 types of pavement, viz. (a) 5-in. concr., (b) 5-in. asph. concr., (c) Willite, (d) Warrenite; all 18 ft. wide. The bids were:

1 **Escondido**—H. G. Feraud, (a) $——; (b) $43,914.56; (c) $47,827.60; (d) $——.

Warren Constr. Co., Los Angeles—(a) (b), (c) $——; (d) $47,451.32.

California Constr. Co.—(a) $47,150; (b) $41,765; (c) $——; (d) $44,140.

Wells & Bressler, Santa Ana—(a) $47,400; (b) $——; (c) $——; (d) $——.

Southwest Paving Co., Los Angeles—(a) $——; (b) $42,805; (c) $——; (d) $——.

Griffith Co., San Diego—(a) $——; (b) $46,000; (c) $52,000; (d) $——.

Steele Finley, Santa Ana —(a) $——; (b) $46,950; (c) $——; (d) $——.

H. E. Cox, Pasadena—(a) $46,603.63; (b) $——; (c) $——; (d) $——.

1. **Buena to Vista**—California Constr. Co. (a) $86,150; (b) $81,175; (c) $——; (d) $85,320.

H. G. Feruad, Los Angeles—(a) $——; (b) $——; (c) $81,992.83; (d) $——.

Southwest Paving Co., Los Angeles—(a) $——; (b) $88,968.36; (c) $——; (d) $——.

Wells & Bressler, Santa Ana—(a) $92,400; (b), (c) and (d) $——.

Warren Constr. Co., Los Angeles—(a), (b) and (c) $——; (d) $93,904.73.

Griffith Co., San Diego—(a) $——; (b) $90,000; (c) $100,000; (d) $——.

3. **Bernardo to Escondido**—California Constr. Co.—(a) $73,790; (b) $63,960; (c) $——; (d) $62,295.

H. G. Feraud—(a) $——; (b) $——; (c) $69,833.91; (d) $——.

Wells & Bressler—(a) $71,650; (b), (c) and (d) $——.

Southwest Paving Co.—(a) $——; (b) $69,049.22; (c) $——; (d) $——.

Stele Finley, Santa Ana—(a) $——; (b) $72,300; (c) $——; (d) $——.

Griffith Co., San Diego—(a) $——; (b) $73,000; (c) $85,000; (d) $——.

Warren Constr. Co., Los Angeles—(a), (b), (c) $——; (d) $72,793.53.

H E. Cox, Pasadena—(a) $79,999; (b), (c) and (d) $——.

GLENDALE, Cal.—Until 7 p. m., Aug. 2, bids will be received by City Clerk A. J. Van Wie for improving Windsor, Garfield, Acacia, Porter and Fisher Sts involving approx. 5335 lin. ft. grading; 8365 ft. curb; 7473 sq. ft. 5-in. conc. gutter; 156,320 sq. ft. 3-in. oil macad. pavement; laying only 4126 ft. 6-in. and 952 ft. 4-in. c. i. pipe; Vrooman Act.

REDWOOD CITY, San Mateo Co., Cal.—J. J. McHugh and S. R. Doyle, 68 Post St., San Francisco, have been awarded a contract for constructing streets, etc., in Redwood Highlands, for the Redwood Highlands Company. Contract price approx. $36,000.

SANTA PAULA, Ventura Co., Cal. — Jas. P. Cornwall, 227 Equestrian Ave., Santa Barbara, submitted low bid to city trustees, July 23, at $65,723.75 for improving various streets under Res. No. 48, involving (1) 398,181 sq. ft. conc. paving at 15.75c ft.; (2) 9623 sq. ft walk at 17c ft.; (3) 2750 ft. 15-in. curb at 50c ft. Engr's est., $66,815.40. Other bids were:

Southwest Paving Co.—(1) 16.5c; (2) 15c; (3) 50c; total, $68,517.70.

Sam Hunter—(1) 18c; (2) 20c; (3) 60c; total, $75,246.40.

Geo. A. Simpson—(1) 18⅛c; (3) 55c; total, $75,414.23.

M. T. Shafer—(1) 18.3c; (2) 20c; (3) 55c; total, $76,303.44.

Totals on other bids were as follows Clarence P. Day, $78,453.38; Griffith Co., $78,912;Geo. R. Curtis, $79,105.02; Chas. W. Wimmer, $80,690.22; H. P. Churchill & Co., $84,901.85; F. W. Nighbert, $97,613.70. Bids taken under advisement.

SACRAMENTO, Cal.—City Commissioners, H. G. Denton, Clerk, declare inten. to imp. Folsom Blvd. bet 53rd and 63rd Sts., const. vit. sewers; conc. manholes; c. i. gutter drains with 6-in. vit. manhole connections; grade; pave with 2 5½-in. asph. conc. strips, 4 ft. wide. 1911 Act and Bond Act 1915. Protests Aug. 9. Albert Givan, City Eng.

SAN JOSE, Santa Clara Co., Cal.—County Surv. instructed to prepare spec. to imp. Fleming Ave. in Supervisor District No. 3 and Randall St. and Agnew road from Santa Clara to Alviso road to the Coffin road, in Supervisor District No. 4.

SAN MATEO, San Mateo Co., Cal.—Until Aug. 6, 8 P. M., bids will be rec. by E. W. Foster, City Clerk, to imp. Creek, Cypress, Tilton, Mr. Diablo Aves. etc., involv: Grade; pave with 5-in. hyd. cem. conc.; const. hyd. cem. conc. curb; 6-in vit pipe main sewers and 4-in vit. pipe main sewers and 4-in. vit. pipe lateral sewers; conc. catchbasins and br. manholes; 12-in. vit. pipe drains, etc. 1911 Act. Cert check 10% payable to City req. G. Stanley Whitehead, City Eng.

EUREKA, Humboldt Co., Cal.—Federated Commercial Bodies of Humboldt County backs movement to construct system of good roads throughout the county. It is probable a bond issue will be called to finance the work. A. J. Logan is county surveyor.

HANFORD, Kings Co., Cal.—California Construction Co., 58 2nd St., San Francisco, awarded cont. by council to imp. portions of Kaweah and Ford Sts., Park and Central Aves., and portions of other streets, involv. grading $.03½ sq. ft.; 4-in. bituminous base pavement, $.234; conc. gutter, $.35; conc. curb, $.70; culverts (total bid) $4,235.

EUREKA, Humboldt Co., Cal.—County Surveyor Fred M. Kay instructed to call bids to construct short piece of road near Carlotta and for paving ¼ mi. of road near Arcata, from town limits to United Creamery plant. A. J. Logan, County Surveyor.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.

We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.

Let us give you an estimate on your work.

We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

SANTA ANA, Cal.—George R. Curtis 2440 E 26th St., Los Angeles, awarded contr. by supervisors at $205,000 to imp. the principal street in La Habra, under R. D. I. No. 22, involv approx. 560,000 sq. ft. 1½-in Warrenite-bitul. surface on 3½-in. asph. conc. base; curbs, walks and culvert. This work was formerly awarded to Steele Finley, who later refused to sign the contract upon advice of his attorneys, who discovered irregularity in the proceedings. Other bids were: Geo. H. Oswald, $206,500; L. A. Paving Co., $208,700; Warren constr Co., $209,500; Kneen Paving Co., $211,000.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crummey, 121 Pearl St., Oakland, awarded contracts by council as follws:

To imp. St. John St., bet. 7th and 16th Sts., except intersection of 9, 10, 12, 13, 14 and 15th and portion bet. 14th and 15th: Grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curbs, gutters and walks; 5 br. catchbasins; 8-in. vit. pipe drains.

To imp. 11th St., from north line of Reed to south line of Reed St: Grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous cem. conc. base; hyd. conc. curb and gutter; 2 br. catchbasins; 8-in. vit. pipe drains.

CAVALERAS COUNTY, Calif.—Until July 31, 2 p. m., bids will be rec. by C. H. Sweetser, District Eng., U. S. Bureau of Pub. Wks., 9 Main St., San Francisco, to const. Murphy-Big Trees Natl. Forest Highway in Cavaleras County. Project is located about 55-mi. n.e. of Stockton and is 15.5 mi. in length. Bids will be rec. on both 14-ft. and 18-ft. roadways, Natl. Forest Highway Standards. Project involv. the clearing of the entire project and (1) 14-ft. roadway, (2) 18-ft. roadway:

Excavation, 105,000 cu. yds, (2) 157,000 cu. yds.

Class A concrete, (1) 330 cu. yds. (2) 360 cu. yds.

Class C concrete, (1) 340 cu. yds., (2) 340 cu. yds.

Reinforcing steel (1) 34,100 lbs. (2) 37,300 lbs.

Corrugated Metal Pipe, 5040 lin. ft., (2) 400 lin. ft.

Ditch paving (1) 570 sq. yds., (2) 570 sq. yds.

Crushed rock surfacing, (1) 19,700, (2) 26,300 cu. yds.

See call for bids under official proposal section in this issue.

SAN FRANCISCO—Finance Committee of Board of Supervisors recommends expenditure of approx. $106,000 to finance reconstruction of following streets in south of Market section: Howard from Seventh to Ninth; Folsom from Third to Sixth; second from Harrison to Townsend, and Seventh street south.

SANTA CLARA COUNTY, Calif.—As previously reported bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, Aug. 6, 2 p. m. to grade and surface with gravel 4.5 mi. in Santa Clara county, bet. 5-mi. east of Gilroy and San Felipe. Project involv. 40,000 cu. yds. roadway excav without classification; 500 cu. yds. culvert excav. without classification; 9000 cu. yds. gravel surface; 450 cu. yds. class A Port. cem. conc (culverts and monuments); 1187 lin ft .18-in. and 67 lin. ft. 24-in. corru. metal pipe; 95 monuments. Commission will furnish corrugated metal pipe

OROVILLE, Butte Co., Cal.—City Eng S. J. Norris instructed to prepare plans to pave fourteen blocks of streets, as follows: Lincoln St., High to Robinson; Lincoln St., Montgomery to Broderick; Oak St., High St. to Safford; First Ave., Robinson St. to Safford; Second Ave., High St. to Safford St.

PHOENIX, Ariz. — Lee Moor Contr. Co., Two Republics Bldg., El Paso, Tex., submitted low bid to state engr., F. R. Goodman, Phoenix, July 9, at $109,646 (using concr.) to const. Phoenix-Wickenburg highway, federal aid project No. 70, involving 3002 cu. yds. excav. roadway unclass at 35c yd.; 25,144 cu. yds. borrow unclass. at 35c yd.; 41,024 sq. yds. one-course conc. at $2.20 yd.; 5750 cu. yds. overhaul 100 ft. earthwork at 3c yd.; 201 cu. yds. excav. struc. unclass at 75c yd.; 1835 cu. yds excav. ditches and ch. chgs. unclass. at 22c yds.; 97 cu yds. class A conc. (contr. furnishes cem) at $2150 yd.; 6800 lbs. reinf. steel at 2c lb; structures over 20-ft. span; 235 cu. yds. excav. unclass., at 75c ft.; 173 cu. yds. A conc (contractor furnishes cement) at $25 yd; 83 cu. yds. B concrete (contractor furnishes cem.) at $17.50 yd.; 32,000 lbs. reinf. steel at 2c lb. Other bids were: Concrete—Kisselburg-Schmidt & Hitchcock, Phoenix, $120,563; McKay & Shumway, Phoenix, $129,877; black base — Phoenix-Tempe Stone Co. (bitul.) $123,843; Phoenix-Tempe Stone Co. (asph.) $143,539; Hoops & Thomas, Miami, Ariz., $134,192 Pacific Constr. Co., Phoenix, $147,438.

SACRAMENTO, Cal. — City council, H. G. Denton, clerk, declares intention to imp. portions of Freeport Blvd. from pt. 182.4 ft. north of W. P. railroad track, etc const conc. curb and gutter; place c. i. gutter drains with 6-in. vit. manhole and sewer connections; const. conc. manholes and reconstruct existing ones; const. vit sewers; remove conc. culvert; grade and pave with 5½-in asph. conc. 1911 Act and Bond Act 1915. Protests Aug. 2. Albert Givan, city eng.

TRACY, San Joaquin Co., Cal.—J. E. Johnston, Savings and Loan Bldg., Stockton, at $6560 awarded cont. by West Side Union High School District to pave driveways and parking area at high school, involv. 450 ft. comb. curb and gutter; 18,500 sq. ft. paving; 9500 sq. ft. 1-in. surfacing; one catchbasin.

SANTA CRUZ, Santa Cruz Co., Cal.—Petitions have been filed by property owners with the city council seeking the construction of sewers in Alta Ave. bet. Fair Ave. and Beach curve and in Centennial, National, Oregon and Nevada streets. Taken under advisement.

SAN DIEGO, Cal.—Until 10:30 a. m., July 30, bids will be rec. by council to imp. Indiana St., bet. Robinson and Myrtle Aves., involv. 60,305.36 sq. ft. paving with 1½-in. asph. conc wearing surface on 2"-in bitum. base; 215.10 sq .ft. cem. conc. sidewalk; 86.23 lin ft cem conc curb; 91 lin. ft. 12-in conc pipe culert, double strength. Cert. check 10%; 1911 Act. F. A. Rhodes, city engr.

REDWOOD CITY, San Mateo Co., Cal.—A. Teichert & Sons, Ochsner Bldg., Sacramento, at $91,495.75 awarded cont. by city trustees to imp. portions of Oak Knoll, Brewster, etc. Sts. and Aves.; grade; pave with crushed rock, rock screenings and asphaltic road oil; comb. conc. curbs and gutters; conc. walks; corru. iron arch culverts, etc. Other bids: M. F. Sullivan, $99,879.99; Galbraith and James, $108,933.30; W. A. Dontanville, $103,729.98.

LOS ANGELES, Cal.—Until 10 a. m., July 30, bids will be rec. by Bd. Pub. Wks. to imp. Windsor Blvd., Beachwood Dr., Plymouth Blvd., bet. Rosewood Ave and Beverly Blvd., involv 154,559 sq. ft. Warrenite-bitul. paving; 6 ft. curb; 100 sq. ft. walk; 9283 sq. ft. gutter; 750 ft. hse. sewers; 1911 Act.

PHOENIX, Ariz.—Until Aug. 3, bids will be rec. by state highway dept. to const. 10 mi. roadway from the Hassayampa river on the Phoenix-Yuma road to the Gillespie dam. The road will be built under federal aid. Plans and spec. call for grading and surfacing with gravel or other suitable material, constructing necessary drainage structures and other works. W. W. Lane, acting state engineer.

SAN DIEGO, Cal.—Plans have been prepared by City Engr. F. A. Rhodes to imp. 12th St. extension and Park Blvd., involv. 2408 cu yds earth excav.; 164,267 sq. ft. paving with 1½-in. asph. conc. wearing surface on 3-in. bitum. base; 866 lin ft cem conc curb. Work to be done under bond issue for $30,000; date to receive bids not set.

NATIONAL FOREST ROAD, N. M.—Until 2 p. m., Aug. 6, bids will be rec. by dist. eng., bureau of public roads, U. S. Dept. of Agriculture, 242 W Washington St., Phoenix, to const. Glenwood Reserve, Sec. 4, Forest highway, in the Datil national forest, county of Catron, New Mexico, approx. 11.09 mi.; involv. the following quantities (a) 14-ft. roadway; (b) 12-ft. roadway, clearing and grubbing the entire project; (a) 193,490 cu. yds.; (b) 178,106 cu. yds; excav.; 11.09 mi. finishing graded road; (a) and (b) 320 cu. yds. A conc.; (a) and (b) 1125 cu. yds. D conc. (alternate); (a) and (b) 52,150 lbs. reinf. steel; (a) and (b) 1125 cu. yds. cem. rubble masonry (alternate); (a) 6230 lin. ft. (b) 5460 lin. ft. corru. metal pipe culvert; (a) and (b) 2155 cu. yds. band placed embank; (a) and (b) 22,000 lin. ft. protection ditch; (a) and (b) 170 cu. yds. diversion dam; (a) and (b) 205 lin. ft. conc. hand rail.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

REDWOOD CITY, San Mateo Co., Cal. —Chambers and DeGolyer, Bacon Bldg., Oakland, at $19,890.38 awarded contract by city trustees to imp. portions of Hudson, Johnson, Reese, and Gordon Sts., Oak Ave., etc. by const. 8 and 6-in. vit. sewers with wyes; brick manholes, lampholes, laterals, flushtanks, etc. T. M. Gallagher bld $20,202.38.

REDWOOD CITY, San Mateo Co., Cal. —McHugh and Doyle, San Francisco at $35,492.04 submits low bid to Redwood Highlands Co., to pave streets in Redwood Highlands Tract. Streets to be graded and pave with crushed rock and asph. conc. surface with conc. curbs and gutters. Other bids: Peterson and Haywood, $37,160.44; Galbraith and Janes, $37,385.35; W. W. Thompson, $37,540.20; A. Teichert, $37,680.70; W. A. Dontanville, $37,844.05.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares inten. to imp. Asbury St., bet. First and San Pedro Sts., grade; pave with 1½-in. Warrenite-Bitulithic surface on 3-in. bituminous conc. base; conc. curb and gutter; 1 br. catchbasin; 8-in. vit. pipe drain; conc. walks. 1911 Act and Bond Act 1915. Protests Aug. 13. Wm. Popp, city eng.

ANTIOCH, Contra Costa Co., Cal. — City trustees, J. E. McElheney, clerk, declare inten. to imp. K St., bet. 4th and 5th Sts.: grade and pave with 5-in. conc. and const. conc. curbs 1911 Act Protests Aug. 13.

BAKERSFIELD, Kern Co., Cal.—Setps will be taken immediately to const. 7 mi. of highway in the Arvin district to cost approx. $200,000. Road will be 20 ft. wide, 6 in. thick; black base. J. I. Wagy, County Supervisor in the Fourth District, is interested in project.

REDWOOD CITY, San Mateo Co., Cal. —Until Aug. 6, 8 p. m., bids will be rec. by H. A. Beeger, city clerk (protem) to imp. portions of Jefferson Ave. by grading and paving with 5-in. conc. including all intersections; conc. curb. 1911 Act and Bond Act 1915. Cert. chk. 10% payable to Town of Redwood City req. C. L. Dimmitt, city eng.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Madison St., bet. 1st and 7th Sts., involv. grade; conc. curbs and gutters; asph. conc. pavement; 10-in. vit. sewer vit. wye branches; 2 br. manholes; 4 br. cotchbasins; 10-in. vit pipe conduits. 1911 Act. Protests Aug. 9. W. W. Harmon, city engineer.

PHOENIX, Ariz.—Until 2 p. m., Aug. 3, bids will be rec. by F. R. Goodman, state engr., to const. portion of the Phoenix-Yuma highway, federal aid project No. 64-A, involv. 40,000 cu. yds. excav.; 18,000 cu. yds. borrow; 23,000 cu. yds. gravel surfacing; 1100 cu. yds. structural conc., and other incidental items. Cert. check 5%. Plans and spec. may be obtained upon payment of $5.

OAKLAND, Cal.—M. P. Cambar and John Garden, Oakland, awarded cont. by council to imp. portions of Loma Vista Ave., by const. 2-ft. 6-in. x 2-ft. 6-in. conc. culvert, $6 lin. ft.; conc. inlet with c. i. top $95 ea.; conc. curtain wall, $4 cu. ft.

AUBURN, Placer Co., Cal.—Skeels & Hudson, Auburn at approximately $3000 awarded cont by trustees of Placer Union High School District to pave streets bordering the school grounds.

SAN LUIS OBISPO, Cal.—City Eng. m aking surveys to imp. Marsh St., bet. Higuera and Johnson; Santa Rosa St., bet. Peach and Monterey Sts., and portions of Osos street. Work will probably be done under 1911 Act and Bond Act 1915.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, clerk, declares inten. to imp. Empire St., bet. 1st and 10th Sts., grade; pave with 1½-in. Warrenite-Bitulithic surface on 3-in. Bituminous conc. base; conc. curb and gutter; 9 br. catchbasins; 8-in. vit. pipe drains; hyd. cem. conc. walks 1911 Act and Bond Act 1915. Protests Aug. 13. Wm. Popp, city enginser.

SANTA CRUZ, Santa Cruz Co., Cal.—County supervisors petitioned to imp. Soquel Ave. and Porter St., around to bridge on South Porter St., and from the intersection of Bay and Capitola Aves., to S. P. track. All distance lies in Soquel township. Taken under advisement. Lloyd Bowman, county surv.

SACRAMENTO, Cal.—City council, H. G. Denton, clerk, declares inten. to imp. portions of 38th St., 4th Ave. and Sacramento Blvd., involv. const conc. curbs and gutters; place c. i. gutter drains with 6-in. vit. sewer connections; ¾-in. water main connections; const. conc walks; grade and pave with 4-in. and 5½-in. asph. conc. with Seal Coat. 1911 Act and Bond Act 1915. Protests Aug. 2. Albert Givan, city eng.

RIVERSIDE, Cal. — Geo. M. Pearson, San Dimas, submitted low bid to supervisors at $13,493 to const. conc. storm drain at Prado, involv. 4644 cu. yds. excav. and 810 cu. yds. B conc. A. C. Fulmor, county surveyor.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. 9th St., bet. Jefferson and Market, involv. grade; const. conc. curb and gutter; pave with 2-in. Warrenite-Bit. surface on existing macadam pavement redressed with rock and screenings; 2 vit. pipe sewers; 2 vit. pipe lampholes; 5-in. wye branches; 1911 Act. Protests Aug. 9. W. W. Harmon, city eng.

COLTON, Cal.—F. W. Seccombe, San Bernardino, awarded contr. by city trustees at $18,500 to const. new outfall sewer line, using cement pipe.

MONTEREY, Monterey Co., Cal.—Until Aug. 7, 7 P. M., bids will be rec. by A. J. Mason, City Clerk, to imp. Munras Ave., from Block 114 to west city limits: Grade; pave 24 ft. wide with 2-in. asph. conc. surface on 5½ in. macadam base; 2 15-ft. in. corru. culverts with conc. copings. 1911 Act and 1915 Bond Act. Cert. check 10% payable to city of Monterey req. H. D. Severance, City Eng.

SAN DIEGO, Cal.—Plans have been prepared by City Engr. F. A. Rhodes to imp. Imperial Ave. through the Encanto dist., involv. 4751 cu. yds. earth excavation; 2778 cu. yds. earth fill; 180,832.5 sq. ft. paving with 1½-in. asph. concr. wearing surface on 3-in. bitum. base; 121 lin. ft. of 18-in. d. s. concr. pipe culverts; 40 lin. ft. d. s. concr pipe culvert; 4 concr. head walls; 1 concr. inlet; 1 concr. catchbasin; 1 concr. retaining wall 78 ft. long.

Plans also prepared to imp. Imperial Ave. east of 32nd St. to 40th St., involv. 7912 cu. yds. earth excav.; 451 cu. yds. earth fill; 123,763 sq. ft. paving with 1½ in. Warrenite-bitul. wearing surface on 3-in. bitum. base; 1541 lin. ft. cem. conc. curb; 700 lin. ft. 14-in. double strength concr. pipe; 166 lin. ft. 12-in. d. s. concr. pipe. Work to be done under bond issue of $30,000; date for bids not set

UKIAH, Mendocino Co., Cal.—Jesse L. Fairbanks, Willits, awarded cont. by supervisors to const. Ses. 3 of the Laggett Valley-Rockport road. Bid follows: $.72 cu. yd unclassified excavation including clearing right of way; $80 per M ft. for lumber in culverts in place; borrow $.70 cu. yd.

SANTA ANA, Cal.—Until 7 p. m., Aug. 6, bids will be rec. by city trustees to imp. Bachman Dr., bet. N Main St. and east end of Bachman Dr., involv. 9070 sq. ft. grading and paving with 5-in. conc. and belt-finish wearing surface; 1915 bond imp. act. E. L. Vegely, city clerk. W. G. Knox, city engr.

OAKLAND, Cal.—Oakland Paving Co. 5000 Broadway, Oakland, awarded cont. by council to imp. Brush St., bet. 1st and 2nd, involv. conc. curb, $.75 lin. ft; conc. gutter, $.25 sq. ft.; asph. macadam pavement, $.16 sq ft.; catchbasins, $80 each; 10-in pipe conduit, $2.50 lin. ft.

BAKERSFIELD, Kern Co., Cal.—Until Aug. 6, 10 a. m., bids will be rec. by F. E. Smith, county clerk, to imp. portion of county road No. 246. Cert. check 10% payable to county of Kern req. Plans obtainable from office of clerk.

SAN ANSELMO, Mtrin Co., Cal.—Until Aug. 6, 8 p. m., bids will be rec. by Arthur W. Studley, town clerk, to widen San Anselmo Ave., bet. Magnolia and Tamalpais Ave., involving grading and paving of approx. 4130 sq. ft.; const 225 ft. conc. curb; 1940 sq. ft. conc. walk; 1 catchbasin with 30 ft. corru. iron pipe outlet. Cert. check 10% payable to town req.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Alcatraz ave. from boundary line of city limits near College Ave. to boundary line of city near Dover St., involving grading; const. conc. curbs and gutters; pave with bituminouse concrete; extend existing corru. iron and conc. main culverts; reset granite curbs in conc. 1911 Act. Protests Aug. 9. W. W. Harmon, city engineer.

CORTE MADERA, Marin Co., Cal.—Town trustees plan to surface concrete streets with asphaltum and those streets not already improved will be paved with concrete and asphalt.

PETALUMA, Sonoma Co., Cal.—Until Aug. 6, 7:30 p. m., bids will be rec. by Lyman Green, city clerk, to improve Broadway, between Bassett St. and Lot 177, involv. grading; const. conc. curbs and gutters; macadamize with stand. oil macadam. 1915 Bond Act. Cert. chk. 10% payable to city req. N. S. Frost, city engineer.

LIVE OAK, Sutter Co., Cal. — City trustees order bids rec. up to Aug. 7 to pave various streets. F. S. Robinson, Chico, city engineer.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Aug. 6, bids will be rec. by council to const. 8-in. vit. pipe sewer line in 6th St., bet. A St. and 140.23 ft. east of B St. 1911 Act. J. H. Osborn, city clerk.

OAKLAND, Cal.—Until Aug. 2, 12 M., bids will be rec by E. K. Sturgis, City Clerk, to const. 8-in. vit. sewer in portions of Foothill Blvd., 3 br. manholes; vit. pipe lamphole; 5-in. vit. pipe wye branches 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, City Eng.

PASADENA, Cal.—Until 10 A. M., Aug. 1, bids will be rec. by city directors to imp. Pasadena Ave., bet. Bellefontaine and Columbia Sts.: Grade and pave with 5-in. macad. Bessie Chamberlain, City Clerk. W. C. Earle, City Engr.

GLENDALE, Cal.—Bids rec. by council to imp. Alexander and Milford Sts., were:

W. J. Curren, Box 159, Glendale, involv. 3100 lin. ft. grading at 55c ft.; 100,200 sq. ft. 3-in. macad. paving at 9.5c ft.; 3130 lin. ft. 4-in. c. i. water pipe at $5800.

Peter L. Ferry, 614 E Acacia Ave., Glendale, 70c grading; 10c paving; $5000 pipe.

E. L. Fleming, 1007 S Boynton Ave., Glendale. 3.5c sq. ft. grading; 10c paving; $5965 pipe.

Following bids rec. to imp. Dryden Street:

W. J. Curren, Box 159, Glendale, involv. 812 lin. ft. grading at 90c ft.; 210 sq. ft. gutter at 18c ft.; 27,878 sq. ft. 3-in. macad. paving at 9.5c ft.; 27,878 sq. ft. 3-in. macad. paving at 9.5c ft.; 81 ft. curb at 50c ft.; 80 sq. ft. cem. walk at 17c ft.; 917 lin. ft. 6-in. c. i. pipe at $2390.64.

E. L. Fleming, 1007 S Boynton Ave., Glendale, 3.5c sq. ft. grading; 21c gutter; 10c paving; 50c curb; 17c walk; $1950 pipe.

P. L. Ferry, 614 E Acacia Ave., Glendale, 85c grading; 21c gutter; 10c paving; 50c curb; 18c walk; $2000 pipe.

YUBA CITY, Sutter Co., Cal.—Until Aug. 7, 10 a. m., bids will be rec. by Albert B. Brown, county clerk, to imp. portions of First and C Sts., town of Live Oak, grade; pave with 2½-in. asph. conc. base with 1½-in. asph. conc. surface; valley gutters; 50-ft. 8-in. corru. pipe culvert; 2 sidewalk culverts. Cert. check 10% payable to county req. Plans obtainable from offices of county surv. O. W. Lanzendorf is county road commissioner.

BAKERSFIELD, Kern Co., Cal. — Council declares inten. to imp. Pacific St., bet. Robinson and Haley Sts., by grading; const. curbs, walks, gutters; 1911 Act. V. Van Riper, city clerk.

PACIFIC GROVE, Monterey Co., Cal. —City trustees, E. S. Johnson, clerk, declare inten. to imp. Forest Ave., bet. Lighthouse ave. and Sinex Ave.: grade; pave with 3-in. asph. conc. base and 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; corru. iron culverts. 1911 Act & Bond Act 1915. Protests Aug. 6. H. D. Severance, city engineer.

REDDING, Shasta Co., Cal. — City council, Leslie Engram, clerk, declares inten. to imp. portions of Market and North Market Sts., involv. grading; const. conc. curb and gutter; conc. walks; conc. catchbasins with c. i. grates; vit. pipe; pave 18-ft. wide with 3½-in. asph. conc. base and 1½-in. Warrenite-Bit. surface. 1911 Act and Bond Act 1915. Protests Aug. 1. E. A. Rolison, city eng.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Aug. 6, bids will be rec. by council to imp. under 1911 Act, following streets:

Acacia St., bet. Base Line St. and 202 ft. n. of 13th St.: grade and pave with 4-in. macad; const. conc. gutters.

Base Line St., bet. Lugo St. and Waterman Ave., grade; const. conc. curbs.

H St., bet Ninth and Hanson Sts, construct conc. walks.

Magnolia Ave., bet. E and G Sts., pave with 4-in. macad; const. walk, curb and gutter.

SANTA MONICA, Cal. — City Engr. John A. Morton preparing plans for the opening of Trolley Way through its entire distance within the city limits. Plans are also under way for the widening of Main St. to 80 ft.

MODESTO, Stanislaus Co., Cal. — Standard Paving Co., 9th and N Sts., Modesto, at $15,645.81 awarded cont. by council to imp. Hackberry Ave., bet. Needham and Stoddard, involv. 58,638.04 sq. ft. grade, $.05; 54,965.52 sq. ft. 1½-in. Warrenite-Bit. surface on 2½-in. asph. conc. base pavement $.17; 367.52 sq. ft. conc. gutter, $.20; 1313.97 lin. ft. conc. curb $.70; 188.50 lin. ft. headers, $10; 8 electroliers (Marbelite) $65; 3 connection boxes, $6.50; 8 globes $16.50; 2149.7 lin. ft. 1-in. conduit, $.25; 2318.7 lin. ft. cable, $.16½; 8 canopies, $4.72; 8 bands, $5.11; 8 acorns, $3.53. F. W. McCarton, city eng.

CARSON CITY, Nevada.—Brown and Stafford, Madera, Calif., at $74,592.23 awarded cont. by State Highway Commission to const. highway from Deeth to 9.16 mi. east, Rt. 1, Sec. D, 9.16 mi., involv. 43770 cu. yds. excav. unclass.; 9.10 mi. prepare subgrade and shoulders 14,600 cu. yds. loading and screening gravel; 77,818 yd. mi. haul and 14,600 cu. yds. spreading gravel; 285 cu. yds. "A" and 112 cu. yds. class "B" conc.; 392 lin. ft. 15-in., 850 lin. ft. 18-in. and 410 lin. ft. 24-in. corru. metal pipe; 286 lin. ft. 24-in. corru. metal siphon, 46 monuments; 2 sign posts.

FRESNO, Fresno Co., Cal.—Council, R. Y. St. George, clerk, declares inten. to const. main sewer in Monterey Ave. and lateral sewers in G and H Sts.; main sewer to be 18-in., 15-in. and 12-in. vit. clay pipe; lateral sewers to be 10-in. and 8-in.; const. 19 cem. conc. manholes with c. i. covers; 6-in. on 8-in. wyes and 6-in. on 10-in. wyes. 1911 Act. Protests Aug. 9. Wm. Stranahan, city eng.

YUBA CITY, Sutter Co., Cal.—Until Aug. 7, 10 a. m., bids will be rec. by Albert B. Brown, county clerk, to imp. portion of 1st and C Sts., town of Live Oak, involv. the const. of conc. curb and gutter; grade; pave with 2½-in. asph. conc. base with 1½-in. asph. conc. surface. Cert. check 10% payable to Board of Supervisors req. Plans obtainable from county surv. O. W. Lanzendorf, county road commissioner.

SACRAMENTO, Cal. — Date to sell $4,000,000 state highway bonds has been extended to Aug. 1, due to condition of bond market.

FRESNO, Fresno Co, Cal.—Thompson Bros., G and Divisadero Sts., Fresno, awarded cont. by council to imp. Thomas Ave., bet. Forthcamp St. and pt. 287 ft. west; grade, $.057 sq. ft.; asphalt pave, $.22; conc. gutters, $.35 sq. ft.; curbs, $.65; walks, $.23; 6-in. conc. alley approach pavement, $.28 sq. ft.

LOS ANGELES, Cal.—Until 10 a. m., Aug. 6, bids will be rec. by Bd. Pub. Wks. to imp. Oakwood Ave., bet. Normandie and Western Aves., involv. 9879 sq. ft. 5-in. conc. paving; 87,257 sq. ft. 4-in. bitum. base; 1729 sq. ft. oiling and rolling; 1243 ft. curb; 4979 sq. ft. walk; 4561 sq. ft. gutter; 1911 Act.

OAKLAND, Cal.—Bond election will be held in October to vote approximately $10,000,000 for harbor improvements which include the construction of an "embarcadero" from San Leandro to the outer harbor, Ralph Beebee is city harbor engineer.

FAIRFIELD, Solano Co., Cal.—California Construction Co., 58 2nd St., San Francisco, at $32,556.32 awarded cont. by city trustees to imp. Texas St., grade and macadamize with material now in place, (lump sum), $2050, curb, $.76 lin. ft.; culverts, $2.70 lin. ft.; asph. conc. in place, $10.25 ton; Warrenite-Bithulithic surface, in place, $10.70 ton; Texas St., grade, $640 (lump sum); curb, $.76 lin. ft.; asph. conc. in place, per ton, $10; Warrenite-Bit. surface, in place, per ton, $10.40; smoothing includ. paint coat, $1730, lump sum; asph. conc. coating, $11.50 per ton.

LOS ANGELES, Cal.—Until 11 a. m., Aug. 6, bids will be rec. by supervisors to imp. Pomona Blvd., bet. city limits of El Monte and 54.91 ft. w of Arden Blvd., and portions of other roads in Road Dist No. 1, 1441 lin. ft. or .27 mi. Cash job No. 206. Approx quantities are: 2477 sq. yds. shaping roadbed; 548 tons 4-in. asph. conc. base; 274 tons 2-in. asph. conc. top; 245 tons asph. conc. over bridge, of 3-in. average thickness; 330 cu. yds. removal of old macad. or old disin. granite; 2477 sq. yds. replacing oiled macal. or old disin. granite; 632 lin. ft. shaping shoulders.

SACRAMENTO, Cal.—Clark and Henery Constr. Co., Ochsner Bldg., Sacramento, awarded cont. by council to imp. portions of 35th, 34th and N Sts., and 2 rights of way; const. conc. curb & gutter; c. i. gutter drains with 6-in. vit. manhole connections; const. conc. manholes; 8-in. vit. sewer with 4-in. wyes; extend branches to prop. lines; const. conc. walks; install 1-in. water main connections; grade; pave with 4-in asph conc. with seal coat.

OROVILLE, Butte Co., Cal. — City trustees, J. W. Gibson, clerk, declares inten. to imp. portions of Lincoln, Oak, Pine Sts., etc., involv. grading; pave with 1½-in. Warrenite-Bithulithic surface on 2½-in. asph. conc. base; r.w. headers; cem. curbs and gutters. 1911 Act and Bond Act 1915. Protests Aug. S. J. Norris, city eng.

RICHMOND, Contra Costa Co., Cal.—City Eng. H. D. Chapman completing spec. to imp. Standard and Castro Avenues. A resolution of intention providing for the work will be passed at the next meeting of the council.

HUNTINGTON PARK, Cal.—Proceedings have been started by city trustees under 1911 Act to pave Rita Ave., bet. Randolph and Irvington, about 1200 lin. ft., with 5-in. asph. conc. and to pave Clarendon Ave., bet. Pacific Blvd and Miles Ave., about 1800 lin. ft., with 4-in. asph. conc. Howard McCurdy, city engr., Pac. Elec. Bldg., Los Angeles.

TUCSON, Ariz. — Borderland Constr. Co., Phoenix, Ariz., awarded contr. by council to pave E 6th St., involv. 7862 cu. yds. excav. Park Ave. to Cherry St. at 85c su. yds.; 39,627 sq. yd. subgrade, Stone Ave. to Park Ave. at 35c sq. yds; 22,581 sq. yds. subgrade. Park Ave. to Cherry Ave. at 35c sq. yd.; 50 cu. yds. class A conc. at $28 cu. yd; 3230 lbs. reinf. steel at 10c lb.; 781 lin. ft. 16-in. gutter at 65c lin. ft.; 1444 lin. ft. 32-in. valley gutter at $1.10 lin. ft.; 70,638 sq. ft. conc. sidewalk at 25c sq. ft.; 781 lin. ft. 14-in. conc. curb at 75c lin. ft.; 15,377 lin. ft. 18-in. conc. curb at 75c lin. ft.; 47,386 sq. yds. 1½-in. asph. conc., spec. 14, on 2"-in. bitum. base. spec. 10, at $1.60 sq. yd.; 500 lin. ft. 4-in. vit. sewer pipe at 40c lin. ft.; 250 cu. yds. trench excav. and backfill at $2.10 cu. yd.; 15 survey monu. at $12 each; 1 catchbasin grating at $12 each.

MODESTO, Stanislaus Co., Cal. — Standard Paving Co., 9th and N Sts., Modesto, at 4461.75 awarded cont. by council to imp. F St., bet. 16th and 17th Sts., involv. 16,026.25 sq. ft. grading, $.081; 15,155.73 sq. ft. 2½-in. asph. concrete base with 1½-in. Warrenite-Bit. surface paving, $.17; 599.39 lin. ft. conc curb, $.70; 858.52 sq. ft. conc. gutters, $.20; 119 lin. ft. headers, $.10. F. W. McCarton, city eng.

FRESNO, Fresno Co, Cal. — County supervisors petitioned to complete lateral from Elm avenue, Fresno, west to Caruthers. This unit was included in the county bond issue but due to lack of funds a portion was left uncompleted. Chris P. Jensen, Cory Bldg county surveyor.

SACRAMENTO, Cal.—Frederickson & Shannon, Cory Bldg., Fresno, awarded cont. by council to imp. Freeport Blvd. from manhole 158.8 ft. south of Bidwell Way to pt. 4168 ft. south by const. vit. pipe sewer; conc. manholes; c. i. gutter drains with 6-in. vit. manhole connections; 6-in. vit. wyes and back-fill trench.

SAN FRANCISCO—The Southern Pacific Co. has awarded a contract to the Raisch Imp. Co., 46 Kearny St., for a concrete pavement in the Stock pens on Galvez & Hudson Aves. at 15c per sq. ft., approx. 40,000 sq. ft.

MODESTO, Stanislaus Co., Cal. — Standard Paving Co., 9th and N Sts., Modesto, at $6636.05 awarded cont. by council to imp. Hackberry Ave., betw Stoddard and Morris, involv. 26,129.84 sq. ft. grading, $.05; 24,163.72 sq. ft. 2"-in. asph. conc. base with 1½-in. Warrenite-Bit. surface paving, $.17; 1,306.05 lin. ft. conc. curb, $.70; 1,966.12 sq. ft. conc. gutter, $.20; 134.60 lin. ft. headers, $10; 4 electroliers (Marbelite) $65; 2 connection boxes, $6.50, 4 globes, $16.50; 1190 lin. ft. 1-in. conduit, $.25; 1278 lin. ft. cable, $.16½; 4 canopies, $4.72; 4 bands, $5.11; 4 acorns, $3.53. F W. McCarton, city eng.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. 24 VAN NESS AVENUE
Junction Valencia Phone Market 8926 Near Market

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt
2808	Pissis	Nichols	8500
2809	Torpey	Urfer	1750
2810	Short	Owner	2000
2811	Whetson	Sullivan	6650
2812	Lewis	Schwarz	4000
2813	Cuneo	Owner	2500
2814	Baird	Magill	10000
2815	Guisto	Morelton	3000
2816	Y M I	O'Brien	12700
2817	R C Archb	Severin	1890
2818	Same	Scott	5796
2819	Same	Fennell	41667
2820	Blumberg	Merritt	11000
2821	Lang	Petersen	5000
2822	Andersen	Hjul	10000
2823	Roller	Colan	12715
2824	Thomas	Owner	6000
2825	Crocker	Samuelson	5000
2826	Same	Same	3000
2827	Same	Same	3000
2828	Same	Same	4800
2829	Ellingson	Owner	9000
2830	Clausen	Owner	9000
2831	Hemmen	Owner	4000
2832	Honngin	McGhee	3000
2833	Bawman	McGhee	2600
2834	Grecco	Owner	1250
2835	Gilbert	Hofmeister	4756
2836	Rettenmayer	Malloch	4000
2837	Arnott	Arnott	2800
2838	Same	Same	3000
2839	Same	Same	8000
2840	Wallace	Parker	22811
2841	Montgomery	Roscoe	1850
2842	Butte	Martinelli	7714
2843	Piazzo	Kincanon	24300
2844	Hill	Stevenson	6500
2845	Thomas	Pene	2675
2846	Bovard	Stephenson	6000
2847	Pardini	Owner	1000
2848	Phelan	Owner	16000
2849	Hoppe	Owner	1200
2850	Willett	Spargo	24000
2851	Miller	Owner	3000
2852	Parkside	Owner	4000
2853	Marlin	Owner	2000
2854	Johnson	Owner	4000
2855	Alpert	Owner	1000
2856	Prager	Anderson	1150
2857	Pardini	Owner	1000
2858	Barbero	Sasso	1975
2859	Barbero	Central	831
2860	Barbero	Harden	19000
2861	Barbero	Marino	1328
2862	Koenig	Owner	8000
2863	Same	Same	10000
2864	Woodfield	Owner	10000
2865	Koenig	Owner	5100
2866	Tucker	Owner	3000
2867	Rudolph	Lindberg	3900
2868	Miller	Owner	2500
2869	Graff	Sweet	1400
2870	Rabe	Owner	4750
2871	Lindeman	Owner	10000
2872	Brownlee	Robello	2500
2873	S F Savings	Heyer	200000
2874	Roller	Conlan	12713
2875	McCarty	Arnott	3000
2876	Same	Same	3000
2877	Federal Res	Kennedy	2985
2878	Morrill	Owner	24000
2879	Monta	Arnott	3500
2880	Jacobsen	Ertendsen	4000
2881	Lindeman	Saari	4500
2882	Vongoukles	Hamill	6000
2883	Bennett	Owner	3000
2884	Kupiec	Owner	1000
2885	Staff	Owner	85000
2886	Nucoa	Owner	155000
2887	Ede	Knowles	37000
2888	Arnott	Owntr	3000
2889	Same	Same	2800
2890	Same	Same	16000
2891	Lesser	Wagner	12000
2892	Thorup	Owner	5000
2893	McEnery	Hamerton	7245
2894	Kupiec	Owner	1000
2895	Pacific Tel.	Matthies	18400
2896	Loewe	Conlan	8680

ALTERATIONS
(2808) NW McALLISTER AND OCTAVIA. Alterations to stores and dwlgs
Owner—Emil Pissis, Pleasant & Taylor San Francisco.
Architect—M. M. Bruce, Flood Bldg., San Francisco.
Contractor—H. L. Nichols, 1381 Stevenson, San Francisco. $8500

ALTERATIONS
(2809) 604 JACKSON. Alterations account fire.
Owner—W. H. Torpy, 525 California St. San Francisco.
Architect—None.
Contractor—Chas. E. Urfer, 134 Halleck San Francisco. $1750

ALTERATION
(2810) S OCEAN AVE. 51 E Lee Ave. Alter dwelling into two three-room apartments.
Owner—W. L. Short, 54 Shotwell St., San Francisco.
Architect—None. Est. cost $2000

ALTERATIONS
(2811) 1856 GREEN STREET. Alterations to flats.
Owner—G. Whetson, care architect.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Contractor—L. Sullivan, 1430 Ellis St., San Francisco. $6650

SHOP
(2812) S HARRISON 150 W 4th St. One-story brick shop.
Owner—E. & H. Lewis, 432 6th St., San Francisco.
Architect—None.
Contractor—Chas. Schwarz, 1440 Hyde St., San Francisco. $4000

DWELLING
(2813) S TWENTIETH ST. 50 E Florida, 1-story frame and basement dwelling.
Owner—A. Cuneo, 718 San Jose Ave., San Francisco.
Architect—None. $2500

APARTMENTS
(2814) S CALIFORNIA 80 E 18th Ave. 2-story and basement frame (4) apartments.
Owner—H. H. Baird, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $1000

DWELLING
(2815) NW NAGLEE & ELLINGTON Ave. 1-story frame dwelling.
Owner—Z. Guisto, 727 Madrid, S. F.
Architect—None.
Contractor—G. Merelton and L. Garrino 727 Madrid St., S. F. $3000

LATHING, ETC.
(2816) N OAK 247-3 W Van Ness Ave W 63-9x120. Lathing, plastering and cementing for gymnasium building.
Owner—The Young Mens Institute Hall Ass'n, Premises.
Architect—Shea & Shea, Chronicle Bldg San Francisco.
Contractor — John P. O'Brien, 1620 Leavenworth St., San Francisco.
Filed July 19, '23. Dated July 18, '23.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $12,700
Bond, $12,700. Surety, National Surety Co. Limit, Sept. 1, 1925. Forfeit, none. Plans and specifications filed.

ELECTRICAL WORK
(2817) E FOURTEENTH AVE 275 S Irving S 75x120. Electric work for St. Anne's Convent Building.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—Shea & Shea, Chronicle Bldg San Francisco.
Contractor—Severin Electric Co., 398 Jessie St., San Francisco.
Filed July 19, '23. Dated July 12, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1890
Bond, $945. Surety, American Indemnity Co. Limit, Dec. 1, 1923. Forfeit, none. Plans and specifications filed.

(2818) PLUMBING AND HEATING ON above.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed July 19, '23. Dated ——.
Payments same as above.....
TOTAL COST, $5796
Bond, $2898. Sureties, Wm. P. Scott & H. W. Van Pelt. Limit, Dec. 1, 1923. Forfeit, none. Plans and specifications filed.

(2819) ALL WORK EXCEPT PLUMBing, heating, electric work and painting on above.
Contractor—Fennell & Chisholm, 180 Jessie St., San Francisco.
Filed July 19, '23. Dated July 12, '23.
Payments same as above.....
TOTAL COST, $41,667
Bond, $20,834. Sureties, H. C. Matthies and H. T. Gale. Limit, Dec. 1, 1923. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(2820) NO. 2854 GREENWICH. All work for two-story frame flats.
Owner—M. Blumberg, 2856 Greenwich St., San Francisco.
Architect—None.
Contractor—Geo. M. Merritt Co., 3014 Geary St., San Francisco.
Filed July 19, '23. Dated Jan 9, '23.
On execution of contract.....$2750
Frame up 1650
Ready for lathing..... 1650
Carpenter work finished except inside finish 1650
Building plastered and outside completed and except painting.. 1650
Completed and accepted..... 1650
TOTAL COST, $11,000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(2821) S VASQUES AVE 38 E Hernandez. One-story and basement frame dwelling.
Owner—Lang Realty Co., 219 First National Bank Bldg., San Francisco.
Architect—H. Stoner, 219 First Nat'l. Bank Bldg., San Francsico.
Contractor—F. Petersen, 219 1st Nat'l. Bank Bldg., San Francisco. $5000

FACTORY
(2822) S FOLSOM 18-4 E Hampton Place. One-story concrete factory.
Owner—R. L. Anderson.
Engineer—J. H. Hjul, 1342 Mission St., San Francisco.
Contractor — J. H. Hjul, 1342 Mission St., San Francisco. $10,000

DWELLING
(2823) SE CABRILLO AND THIRD Ave. One-story and basement frame dwelling.
Owner—C. A. Roller, Call Bldg., San Francisco.
Architect—A. F. Roller, 215 Front St., San Francisco.
Contractor—Conlan Mros., 1935 Howard St., San Francisco. $12,715

FRAME FLATS
(2824) S BALBOA 107-6 W Sixteenth Ave.
S BALBOA 82-6 E Seventeenth Ave. Two two-story and basement frame flat buildings (2 flats each).
Owner—J. C. Thomas, 5429 Geary St., San Francisco.
Architect—None. .. $6000 each

DWELLINGS
(2825) N GENEVA 25.43 W Athens.
W NAPLES 273.92 N Newton. Two one and one-half-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor — A. M. Samuelson, 290 Rolph St., S. F. $5000 each

DWELLINGS
(2826) E ATHENS 53.75 S Amazon.
E WINDING WAY 135.66 S South Hill Blvd. Two one-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor — A. M. Samuelson, 290 Rolph St., S. F. $3000 each

DWELLING
(2827) S ATHENS 103.21 W Cordova. One and one-half-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor —.A. M. Samuelson, 290 Rolph St., S. F. $3000

DWELLING
(2828) E ATHENS 24.75 S Amazon. 1-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson 290 Rolph St., San Francisco. $4800

FLATS
(2829) N DORLAND 150 W Dolores. 2-story & basement frame (4) flats.
Owner—Elling Ellingson, 180 Jessie St. San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $9000

FLATS
(2830) N DORLAND 175 W Dolores. 2-story and basement frame (4) flats.
Owner—C. O. Clausen, Hearst Bldg., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $9000

DWELLING
(2831) SW OCEAN AND CAYUGA Aves. 1-story and basement frame dwelling.
Owner—Albert A. Hemmen, 140 Ellis St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St., San Francisco. $4000

DWELLING
(2832) E WHITNEY 500 S 30th. 2-sto. and basement frame dwelling.
Owner—Ed Honngin, 28th and Noe Sts., San Francisco.
Architect—None.
Contractor—G. R. McGhee, 560 Powell St., San Francisco. $3000

DWELLING
(2833) N FIFTEENTH AVE. 90 Judah. 1-story and basement frame dwelling.
Owner—Mr. Bawman.
Architect—None.
Contractor—G. R. McGhee, 560 Powell St., San Francisco. $2600

DWELLING
(2834) SW REVERE AND INGALLS. 1-story and basement frame dwlg.
Owner—D. Grecco, 1301 Revere Ave., San Francisco.
Architect—None. $1250

REMODEL
(2835) 993 HAIGHT ST. Remodel for flats; alter for basement garage, tc.
Owner—Dr. C. C. & Olive Gilbert, 993 Haight St., San Francisco.
Architect—None.
Contractor—H. C. Hofmeister, 3156 22nd St., San Francisco. $4756

ADDITION
(2836) NO. 206 EDGEWOOD AVE. Attic story addition to dwelling.
Owner—J. P. Rettenmayer, % Contractor.
Architect—None.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. $4000

DWELLING
(2837) W FAXON AVE 225 S Holloway. One-story and basement frame dwelling.
Owner—Jas. A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $2800

DWELLING
(2838) S FLOOD AVE 250 W Edna. One-story and basement frame dwelling.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $3000

DWELLINGS
(2839) E THIRTY-FIRST AVE 240 & 270 S Lincoln Way. Two one-story and basement frame dwellings.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor—James A. Arnott & Son, 235 Granville Way, S. F. $4000 each

APARTMENTS
(2840) N GREEN 137-6 E Webster E 25xN 137-6. All work except painting, roofing, wall beds, finish hardware, light fixtures and window shades for 3-story frame apartment house.
Owner—Robert Wallace Jr., 146 Geary St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francsico.
Contractor—C. F. Parker, 15 Merced St., San Francisco.
Filed July 20, '23. Dated July 19, '23.
1st floor joists set.....$2750
Roof joists set..... 3500
Ready for plaster..... 3500
White coated 2500
Standing finish on..... 2500
Completed and accepted..... 2358
Usual 35 days..... 5703
TOTAL COST, $22,811
Bond, $11,406. Sureties, Ethel D. Owen and K. E. Parker. Limit, 120 days. Forfeit, none. Plans and specifications filed.

BRICK BLDG.
(2841) SW MONTGOMERY AND Washington. Cleaning, scraping, cementing and painting four-story brick building.
Owner—Montgomery Block Real Estate Associates.
Architect — P. Righetti, 12 Geary St., San Francisco.
Contractor—J. W. Roscoe and Arthur Rottrook.
Filed July 20, '23. Dated July 19, '23.
Cleaning and cementing completed $462.50
1st coat on..... 462.50
Completed and accepted..... 462.50
Usual 35 days..... 462.50
TOTAL COST, $1850.00
Bond, none. Limit, 90 days. Forfeit, none. Specifications only filed.

SHOP BUILDING.
(2842) NW. FOLSOM, 325 NE. 6th, NE 50, NW. 85. 1-story reinforced concrete shop building.
Owner—Paul C. Butte, 534 Folsom St., San Francisco.
Architect—Butte Electric & Mfg. Co., 534 Folsom St., San Francisco.
Contractor—J. Martinelli, 180 Jessie St, San Francisco.
Filed, July 20, 1923. Dated. July 20, '23.
Reinforced concrete work done and room joists in place...$3857.00
Completed and accepted 1928.50
Usual 35 days after 1928.50
TOTAL COST, $7714
Bond, $3857. Sureties, S. A. Firpo, Frank L. Martinelli. Forfeit, none. Limit, 60 days. Plans and specifications filed.

APT. HOUSE & COTTAGE.
(2843) S. CHESTNUT, 192.6 E. Webster, E. 27.6 x S. 120. 3-story and basement apartment house and cottage.
Owner—Alessandro Piazzo, 148 Magnolia St., San Francisco.
Architect—W. C. Mahoney, 892 Union St., San Francisco.
Contractor—Cincanon & Perego, 159 Sutter St., San Francisco.
Filed, July 20, '23. Dated, May 16, '23.

Frame up $6000
Rough plaster on 6000
Completed and accepted 6000
Usual 35 days after 6300
TOTAL COST, $24,300
Bond, none. Sureties, none. Forfeit, $10. Limit, 100. Plans and specifications filed.

RESIDENCE.
(2844) E. 36TH AVE., 150 S. Clement, S. 25 x E. 120. Two-story frame residence.
Owner—Marian Hill, 1595 Clay St., San Francisco.
Architect—E. Williams, 1037 Broadway.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco.
Filed, July 20, 1923. Dated, July 19, '23.
Frame up $1665
First coat plaster on 1665
Completed and accepted 1665
Usual 35 days after 1665
TOTAL COST, $6500
Bond, none. Sureties, none. Forfeit, none. Limit, 90 days after July 23, '23. Plans and specifications filed.

BUILDING.
(2845) SE. CLEMENTINA, 165 SW 8th SW 25, SE 75. 2-story building.
Owner—Durkee Thomas.
Architect—None.
Contractor—Pene & Hodges, 1230 Folsom St.
Filed, July 20, 1923. Dated, July 19, '23.
When materials delivered as scheduled $1337.50
30 days after completion..... 668.75
60 days after completion..... 668.75
TOTAL COST, $2675
Bond, none. Sureties, none. Forfeit, none. Limit, none. Specifications, none. Plans, filed.

DWELLING
(2846) E TWENTIETH AVE 66 N Ulloa One-story and basement frame dwelling.
Owner—Mrs. Sallie Bovard, 1012 Page St., San Francisco.
Architect—Walter King, 312 Call Bldg, San Francisco.
Contractor — Stephenson & Merrigan, 2626 26th Ave., S. F. $6000

ADDITION
(2747) NO. 524 ATHENS. Add four rooms to present residence.
Owner—Z. Pardini, Premises.
Architect—None. $1000

FRAME FLATS
(2848) W FOURTEENTH AVE 43 and 68 S Anza. Two two-story and basement frame flat buildings (2 flats).
Owner—P. J. Phelan, 480 Funston Ave., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco. $8000 each

ALTERATIONS
(2849) NO. 945 POST. Addition and alterations to garage.
Owner—Frank Hoppe, Premises.
Architect—None. Cost, $1200

FACTORY BLDG.
(2850) NE MARY AND NATOMA 80 along Mary and 40 on Natoma. All work except vault doors, toilet fixtures, plumbing, interior office partitions, heating, electric work, cast and wrought pipe, elevator and excavation for two-story and basement and pent house reinforced concrete factory building.
Owner—Walter M. Willett, 512 Mission St., San Francisco.
Engineer — R. S. Chew, Rialto Bldg., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.
Filed July 21, '22. Dated July 17, '23.
On 15th of etach month..... 75%
Usual 35 days..... 25%
TOTAL COST, $24,000
Bond, $12,000. Sureties, John Hayden and Thos. J. Guilfoy. Limit, 65 days. Forfeit, none. Plans and specifications filed.

DWELLINGS
(2851) N VIENNA 150 175 & 200 W France. Three 1-story and basement frame dwellings.
Owner—J. Miller, 82 Rottock St., S. F.
Architect—None. $3000 each

DWELLINGS
(2852) NW TWENTY-SEVENTH AND Ulloa
N ULLOA 97-6 & 127-6 W 27th Ave. W TWENTY-SEVENTH AVE. 25 50 & 75 N Ulloa. 6 1-story and basement frame dwellings.
Owner—Parkside Realty Co. 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 ea.

DWELLING
(2853) E LEE AVE. 175 S Holloway. 1-story and basement frame dwlg.
Owner—A. Marlin, 254 Lee Ave., S. F.
Architect—None. $2000

DWELLING
(2854) SW THIRTEENTH AVE. AND Ulloa. 1-story and basement frame dwelling.
Owner—Edward A. Johnson, 2445 26th Ave., San Francisco.
Designer—L. E. Peyser, 2447 26th Ave., San Francisco. $4000

STOCK HOUSE
(2855) CORNER PHELPS AND LaSalle. 1-story frame stock house.
Owner—Alpert Packing Co., Evans and R. R. Ave., San Francisco.
Architect—None. $1000

STORE FRONT
(2856) 587-89-91 MARKET STREET. Reconstruct store front.
Owner—Pragers Co., premises.
Architect—None.
Contractor—P. Anderson, 47 St. Anne St., San Francisco. $1150

ADDITION
(2857) 524 ATHENS STREET. 4-room addition for dwelling.
Owner—Z. Pardini, premises.
Architect—None. $1000

(2858) SE FRANCISCO & FRANKLIN 40x137-6. Plumbing for 2-story and basement frame building.
Owner—Olga Barbero, 919 Vallejo St., San Francisco.
Architect—Italo Zanolini 604 Montgomery St., San Francisco.
Contractor—Frank Sasso, 558 Vallejo St., San Francisco.
Filed July 23, 1923. Dated July 16, 1923.
Piping sewer and drains in....$800.00
Completed and accepted 681.00
Usual 35 days 493.75
TOTAL COST, $1975
Bond, Sureties, none; Forfeit, $10; Limit, 90 days; Plans and specifications filed.

(2859) ELECTRIC WORK ON ABOVE.
Contractor—Central Electric Co., 179 Minna St., San Francisco.
Filed July 23, 1923. Dated July 16, 1923.
Wiring completed $300
Completed and accepted 300
Usual 35 days 209
TOTAL COST, $839
Bond, Sureties, none; Forfeit, $10; Limit, 90 days; Plans and specifications filed.

(2860) ALL WORK EXCEPT PLUMBing, electrical, painting, finish hardware, wall paper, light fixtures and shades on above.
Contractor—John Harden.
Filed July 23, 1923. Dated July 16, 1923.
Framing rustic and sheathing on and roof on $4750
Brown coated 4750
Completed and accepted 4750
Usual 35 days 4750
TOTAL COST, $19,000
Bond, $9500; Sureties, The Fidelity & Casualty Co.; Forfeit, $10; Limit, 90 days; Plans and specifications filed.

(2861) PAINTING ON ABOVE.
Contractor — Demarta Marino & Co., 2136 Union St., San Francisco.
Filed July 23, 1923. Dated July 14, 1923
2nd coat plaster on.....$596
Completed and accepted 400
Usual 35 days 332
TOTAL COST, $1328
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

FRAME FLATS
(2862) S FILBERT 25 W Gough. Two-story and basement frame (2) flats.
Owner—Chas. J. U. Koenig, 520 Church St., San Francisco.
Architect—None. $8000

FRAME FLATS
(2863) SW GOUGH AND FILBERT. Two-story and basement frame (4) flats.
Owner—Chas. J. U. Koenig, 520 Church St., San Francisco.
Architect—None. $10,000

STORES
(2864) W MISSION 30 S Twenty-first. Two-story reinforced concrete (2) stores.
Owner—Wm. H. Woodfield Jr., Alexander Bldg., San Francisco.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—Not Determined. $10,000

DWELLING
(2865) NE PACHECO AND MERCED Ave. One-story and basement frame dwelling.
Owner—Wm. Koenig, 1 Pacheco St., San Francisco.
Plans by Owner. $5100

GARAGE
(2866) S WASHINGTON 100 W Hyde. One-story frame private garage.
Owner — Charles J. Tucker, Keystone Apartments, San Francisco.
Architect—R. R. Irvine, 736 New Call Bldg., San Francisco. $3000

DWELLING
(2867) W CORDOVA 83-9 N Athens. One-story and basement frame dwelling.
Owner—J. Rudolph, 84 Cordova St., San Francisco.
Architect—None.
Contractor—C. Lindberg, 257 Surrey St., San Francisco. $3900

DWELLING
(2868) W JULES AVE 175 S De Montford. One-story and basement frame dwelling.
Owner—Robt. Miller and Wesley Donaldson, 5637 California St., S. F.
Architect—None. $2500

PLATING WORKS
(2869) NO. 95 SHIPLEY. One-story frame nickel plating works.
Owner—A. Graff & Sons, 39 Shipley St., San Francisco.
Architect—J. Sweet, 4431 California St., San Francisco.
Contractor—J. Sweet, 4431 California St., San Francisco. $1400

ALTERATIONS
(2870) NO. 930 CLEMENT. Remodel first floor for (3) stores and add 2 rooms for flats.
Owner—Mrs. Alice Rabe, Premises.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco. $4750

APARTMENTS
(2871) E TWENTY-FIFTH AVE 250 N Geary. Two-story and basement frame (4) apartments.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco. $10,000

ALTERATIONS
(2872) NO. 141 GRANT AVE. Re-arrange stairs to mezzanine floor; remodel show windows.
Owner—Mrs. A. R. Brownlee, 1055 California St., San Francisco.
Architect—None.
Contractor—A. Robello, 1373 Vallejo St., San Francisco. $2500

ALTERATIONS
(2873) NO. 526 CALIFORNIA. Alterations and additions to bank.
Owner—The San Francisco Savings & Loan Society, Premises.
Architect—H. A. Schmidt, Charleston Bldg., San Francisco.
Contractor—C. W. Heyer Jr., Mills Bldg., San Francisco. $200,000

RESIDENCE
(2874) SE CABRILLO AND THIRD Ave S 32-1⅝xE 100. All work for residence.
Owner—Chas. A. and Anna D. Roller, 309 27th St., San Francisco.
Manager—A. F. Roller.
Contractor—Conlan Bros., 842 Guerrero St., San Francisco.
Filed July 24, '23. Dated July 19, '23.

Frame up and enclosed..... 25%
Brown coated 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $12 713

Bond, $12,000. Sureties, Wm. Tegler and Edith I. Lennon. Limit, forfeit, none. Plans and specifications filed.

BUNGALOW
(2875) E FAXON 125 S Grafton Ave. S 25 E 112-6 Lot 24 Blk 20, Lakeview. All work for four-room bungalow.
Owner—The McCarthy Co, 316 Bush St., San Francisco.
Plans by Contractor.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed July 24, '23. Dated July 19, '23.
30 days after frame up..... 25%
30 days after brown coated.... 25%
30 days after completed and accepted 25%
Usual 35 days..... 25%
TOTAL COST, $3000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(2876) E FAXON AVE 150 S Grafton Ave S 25xE 112-6 Lot 23 Blk 20, Lakeview. All work for 4-room bungalow.
Owner—The McCarthy Co, 316 Bush St., San Francisco.
Plans by Contractor.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed July 24, '23. Dated July 19, '23.
30 days after frame up..... 25%
30 days after brown coated... 25%
30 days after completed and accepted 25%
Usual 35 days..... 25%
TOTAL COST, $3000

Bond, limit, forfeit, plans and specifications, none.

CORK FLOORING
(2877) NW BATTERY AND SACRAMENTO W 275xN 119-6. All work for seven-story Class A bank building.
Owner—Federal Reserve Bank of San Francisco.
Architect—George W. Kelham, Sharon Bldg., San Francisco.
Contractor—David E. Kennedy, Inc, 55 New Montgomery St., S. F.
Filed July 24, '23. Dated June 21, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2985

Bond, $1493. Surety, National Surety Co. Limit, 30 days after notified. Forfeit, none. Plans and specifications filed

DWELLINGS
(2878) W GUTTENBERG 25, 55, 85, 115, 145, 175, 205 and 235 N Morse. Eight one-story and basement frame dwellings.
Owner—Morrill Estate, Inc., 3210 22nd St., San Francisco.
Architect—None. $3000 each

DWELLING
(2879) W FOERSTER 25 N Hearst. One-story and basement frame dwelling.
Owner—Moneta Investment Co., 233 Pacific Bldg., San Francisco.
Plans by owner.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $3500

DWELLING
(2880) W MIRAMAR AVE 200 N Grafton. One-story and basement frame dwelling.
Owner—T. Jacobsen, 1141 Divisadero St., San Francisco.
Architect—Evans & Co., Pacific Bldg., San Francisco.
Contractor—Louis Ertendson, 1141 Divisadero St., S. F. $4000

DWELLING
(2881) S COLLEGE AVE 196 W Mission. One-story and basement frame dwelling.
Owner — Carle Lindeman, 39 College Ave., San Francisco.
Architect—None.
Contractor—S. Saari, 155 Brussels St., San Francisco. $4500

FRAME FLATS
(2882) N CABRILLO 82-6 W Eighth Ave. Two-story and basement frame (2) flats.
Owner—Anthony Vougoukles, 730 Cabrillo St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $6000

DWELLING
(2883) W WOOD 296-8 N Geary. One-story and basement frame dwlg.
Owner—A. G. Bennett, 640 Post St., San Francisco.
Architect—None. $3000

STORE
(2884) E MISSION 75 N Appleton. One-story frame store.
Owner—J. Kupiec, 3593 Mission St., San Francisco.
Architect—J. C. Hladik. Monadnock Bldg., San Francisco. $1000

APARTMENTS
(2885) E FRANKLIN 90 N Washington. Four-story and basement Class C (18) apartments.
Owner—Louis D. Stoff, 1034 Sutter St., San Francisco.
Architect — Baumann & Jone, 251 Kearny St., San Francisco $85,000

FACTORY
(2886) S MARIPOSA bet. Bryant and Florida. Reinforced concrete factory.
Owner—Nucoa Butter Co., Premises.
Architect—Francisco & Jacobus, 511 5th Ave., New York. $155,000

STORE
(2887) N STEVENSON 275 W Sixth. Three-story and basement steel frame and concrete department store.
Owner—William Ede Co., 1301 Hearst Bldg., San Francisco.
Architect—William Knowles, Hearst Bldg., San Francisco.
Contractor—Wm. Knowles, 1301 Hearst Bldg., San Francisco. $37,000

DWELLING
(2888) S FLOOD AVE 175 E Edna. One-story and basement frame dwelling.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — James Arnott & Son, 235 Granville Way, S. F. $3000

DWELLING
(2889) W GRANADA AVE 375 S Grafton. One-story and basement frame dwelling.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — James Arnott & Son, 235 Granville Way, S. F. $2800

DWELLINGS
(2890) W TWENTY-EIGHTH AVE 150 S Taraval.
E FAXON AVE 275 S Holloway.
W JULES AVE 225 and 250 S Demontford. Four one-story and basement frames dwellings.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $4000 each

ALTERATIONS
(2891) NO. 1031 MARKET. Remodel store front; construct mezzanine floor and remodel interior.
Owner—Lesser Bros.
Architect—W. H. Weeks, 369 Post St., San Francisco.
Contractor—Daniel R. Wagner, 540 Call Bldg., San Francisco. $12,000

DWELLING
(2892) N BALBOA 100 W 25th Ave. One-story and basement frame dwelling.
Owner—J. H. Thorup, 2436 Balboa St., San Francisco.
Designer—J. H. Thorup, 2436 Balboa St., San Francisco.
Contractor—J. H. Thorup, 2436 Balboa St., San Francisco. $5000

RESIDENCE
(2893) LOT 18 BLK 19, St. Francis Wood. Two-story and basement frame residence.
Owner—Emily C. McEnery, 1868 Buchanan St., San Francisco.
Architect—None.
Contractor—A. C. Hamerton, 475 Dewey Blvd., San Francisco. $7245

ALTERATIONS
(2894) E MISSION 75 N Appleton. Move cottage to rear of lot and make general repairs.
Owner—J. Kupiec, 3593 Mission St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $1000

ALTERATIONS
(2895) NO. 74-86 OTIS ST. All work for alteration additions and cafeteria to building.
Owner—Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
Engineer—E. V. Cobby % Owner.
Contractor—Matthies & Gale, 185 Stevenson St., San Francisco.
Filed July 25, '23. Dated July 13, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $18,400

Bond, $9200. Sureties, D. J. Sullivan and Jas. S. Fennell. Limit, forfeit, none. Plans and specifications filed.

FRAME BLDG.
(2896) W DOLORES 76-6 S Jersey 25x 114. Cement floor, steps, patent flues, lumber, carpenter, roofing, lath and plaster, mill work, tile, glass and glazing for two-story & basement frame building.
Owner—Wm. G. Loewe, 271 Tehama St., San Francisco.
Architect—Arthur T. Ehrenpfort.
Contractor—Conlon Bros., 1935 Howard St., San Francisco.
Filed July 25, '23. Dated July 24, '23.
Roof boards on.....$2000
Brown coated 2200
Completed and accepted..... 2310
66 days after..... 2170
TOTAL COST, $8680

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

July 19, 1923—N W FIFTH AND NATOMA. E Portugero to Christianson Bros.....April 19, 1923
July 19, 1923—E MARKET & MAIN NE 45-10xSE 137-6. Mortimer Fleishhacker to Buschke & Brown .....July 9, 1923
July 19, 1923 — NW VALENCIA AND 18th N 30 x W 100. Paul F. and Helen V. Sikora to O. M. Oyen.... .....July 16, 1923
July 19, 1923—LOT 16 BLOCK 3110 Westwood Park, Lot 19 Blk 3111 Westwood Park. Hans & Esther E. Nelson to whom it may concern. .....July 17, 1923
July 19, 1923—N FOURTH 80 S MISSION S 50 W 75 S 30 W 25 N 80 E 100. J. Allec to Atlas Elevator Co. .....Jan. 18, 1923
July 20, 1923—E POWELL 49-6 N Sacramento N 22xE 56. J T and Adelaide Murphy to Barrett & Hilp .....July 16, 1923
July 20, 1923—W FIFTEENTH AVE 250 S Clement 25x120. Denie and Agnes Deasy to whom it may concern.....July 19, 1923
July 20, 1923—E TWENTY-FOURTH Ave 185 S Cabrillo S 25xE 120. H O Lindeman to W R Lindeman... .....July 19, 1923
July 20, 1923—W FIFTEENTH AVE 200 N Balboa W 127-6xN 25. Geo E Devine to A R Thulin. July 17, 1923
July 21, 1923—E FOERSTER 75 N Staples Ave N 25xE 100 Lot 6 Blk 18, Sunnyside. Henry W Austinto, John W and Ernest B Backman to whom it may concern...July 16, 1923
July 21, 1923—NE SUTTER AND Leavenworth 49-4x68-9. Lloyd B Ham to whom it may concern.... .....July 20, 1923
July 21, 1923—NE GREENWICH AND Broderick E 25xN 87-6. Jos S and Dora Steiner and Emil A Neumarkel to whom it may concern. .....July 19, 1923
July 23, 1923—W TWENTIETH AVE 300 N Fulton N 25xW 120. M P Storheim to whom it may concern.. .....July 23, 1923
July 23, 1923—COSMOS PLACE 135 E Jones 57-6x20. John R Savory to Theo S Hoin.....July 21, 1923
July 23, 1923—E MARKET AND Beale NE 137-6xSE 138-2. Pacific Gas & Electric Co to Carlin Grading Co.....July 23, 1923

July 23, 1923—W FOURTIETH AVE 125 N Balboa N 25xW 120. Wm A and Rose Rebscher to Martin Smith .....July 18, 1923

July 23, 1923—N CALIFORNIA 57-6 W Eighth Ave 25x100. Patrick J and Mary J McAuliffe to whom it may concern.....July 21, 1923

July 23, 1923—N FOURTEENTH 199-11½ E Howard E 39-11½ N 157-3¾ W 39-11 11/12 S 156-5¾. C W Floyd and Jos A Caldwell to Geo R Moren, R Massagli, Geo Rehn, I Isaacson and Hampton Elec & Machinery Co.....July 21, 1923

July 23, 1923—NW TOWNSEND 359 NE Sixth NE 70xNW 125; NW Townsend 449 NE Sixth NE 116x NW 125; SE Bluxome 449 NE 6th NE 116xSE 125. Moody Estate Co to K E Parker Co.....July 10, 1923

July 23, 1923—E THIRTY-FIFTH AV 175 N Anza N 25xE 120. H B Murphy to R S K MacMillen..July 19, '23

July 21, 1923JS ANZA 30, 60 and 90 W Forty-fifth Ave 30x85; S Anza 120 W Forty-fifth Ave 30x90; S Anza 150 and 180 W Forty-fifth Ave 30 90; E Forty-sixth Ave 90 S Anza 30x120. H C Keenan to whom it may concern.....July 23, 1923

July 24, 1923—NE PRINE 33-4 SE Rhine SE 33-4xNE 75 ptn Lots 6, 7 and 8 Blk N Mission St. Land Co. Charles Gust to whom it may concern.....July 21, 1923

July 24, 1923—S CABRILLO 90 W Forty-second Ave W 30xS 100. David Leigh to whom it may concern.....July 24, 1923

July 24, 1923—E FOERSTER 100 S Flood Ave S 25xE 100 Lot 5 Blk 18 Sunnyside. John W and Ernest E Backman to whom it may concern .....July 24, 1923

July 24, 1923—PTN LOT 105 BLK 309 South San Francisco Hd. & R R Association No. 1418 Lot. John D and Emily Pugh to C J Antwiler..... .....July 23, 1923

July 24, 1923—E KEARNY 108 N Green N 25xE 100. Giusseppe and Kate D D'Amante to Frank Damante .....July 21, 1923

July 24, 1923—W DeSOTO 250 S Urbano Drive S 50x110. Mrs. Agnes M Pendergast to O Lyons..... .....July 23, 1923

July 25, 1923—E SAN JOSE AVE 532 N Twenty-ninth N 25x115. Genevieve Tyson to Fred Isaacson..... .....July 25, 1923

July 25, 1923—S NINETEENTH 83 E Castro S 135xE 28. Louis Muller to Reilly & Nemetz.....July 19, 1923

July 25, 1923—S NINETEENTH 33 E Castro S 135xE 28. Louis Muller to Chas Weinman.....July 19, 1923

July 25, 1923—S BALBOA 95 E 19th Ave E 25xS 100. Wm H and Henrietta F Snyder to A M Hardy..... .....July 16, 1923

July 25, 1923—S BUSH 186 W Steiner W 36-6xS 137-6. Annie and Gus Berndt to George A Williams..... .....July 23, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

July 19, 1923—W THIRTY-NINTH AV 50 S Anza S 25 x W 75. Maria Terzulli vs. Thos. Sharman $35

July 19, 1923—E TWENTY-SEVENTH Ave, 175 N Geary N 25 E 127-7 S 25-1⅝ W 130-2⅛. Joseph Daniel vs. Carl A. Schneider $1425

July 25, 1923—W GUERRERO 75 N Army N 25xW 100. J L Ash & Co vs David and Ellen Thomas...$91.12

July 25, 1923—N OAK 109-6 E Steiner E 40xN 137-6. Marshall & Stearns Co vs R Ehrhart Co and C S Grillo $364

July 25, 1923—NW BUSH AND VAN Ness Ave N 64xW 104. Electric Equipment & Installation Co vs Est McKenzie and Holman and Pierce and P E Blalack.....$779.50

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

July 25, 1923—NW MARKET 61-3 NE Hayes NE 50xNW 100. Fisher & Wolfe Co to Geo E and Nettie H Hart .....

July 25, 1923—NW MARKET 61-3 NE Hayes NE 50xNW 100. Builders Supply Depot to Wm Zelllemaker, G P Allcutt and H O Dalbey.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

July 19, 1923—SW STOCKTON AND O'Farrell, Imperial Realty Co. as to improvements on property.....

July 21, 1923—NW BRANNAN 390 NE Fifth NE 30xNW 160. August Steinmetz as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt
3338	Actico	Dinwiddie	340,000
3339	Centini	David	13879
3340	Simon	Bold	3850
3341	Erickson	Matteson	5500
3342	Leonardo	Owner	4000
3343	Swendsen	Owner	2500
3344	Weiss	Petrs	2950
3345	Shell	Owner	2100
3346	Harokes	Sand	2500
3347	Nardley	Nardley	1000
3348	MacGregor	MacGregor	8850
3349	MacGregor	MacGregor	2950
3350	Newhall	Allen	11250
3351	Kroll	Owner	5000
3352	Crur	Burke	3000
3353	Perklns	McCausland	2600
3354	Abrahamson	Owner	1245
3355	Berkeley	Owner	2806
3356	Berkeley	Owner	3140
3357	Berkeley	Owner	2064
3358	Smith	Brennan	4000
3359	Nichols	Owner	1700
3360	Vinnicombe	Gindice	13000
3361	Reeves	Owner	1800
3362	Cerini	McCord	3700
3363	McKinnie	Shrader	1076
3364	Hagne	Owner	1800
3365	Johanson	Owner	3000
3366	Noble	Owner	5000
3367	Oyster	Sheridan	1200
3368	Oakland Pav.	Owner	7500
3369	King	McDonald	8000
3370	Clark	Owner	3150
3371	Attehery	Owner	4150
3372	S. P.	Hutchinson	38000
3373	Brayton	Kidder	10600
3374	Geitner	Butzke	1275
3375	Ferguson	Campbell	6000
3376	Best	Peterson	1200
3377	Sabin	Owner	3000
3378	Kleinschmidt	Owner	3500
3379	Young	Owner	3500
3380	Wilson	Cederborg	8847
3381	Nish	Beadell	12450
3382	Rowell	Mason	24000
3383	Block	Mason	7500
3384	Cullenden	Mason	5000
3385	Gastman	Owner	6000
3386	Berkelely	Owner	3950
3387	Same	Same	1033
3388	Same	Same	1390
3389	Brazier	Owner	4000
3390	O'Brien	Ekstrom	1000
3391	Meyers	Kolf	6370
3392	Kojoka	Owner	1600
3393	Wurthnan	Wenk	3750
3394	Newman	Owner	3000
3395	Larson	Pedersen	1250
3396	Edwards	Muller	90000
3397	Olsen	Tranmal	16055
3398	MacIlae	Owner	2500
3399	Crus	Burks	3000
3400	Eddings	Allen	1215
3401	Goldworthy	Owner	6000
3402	Rossi	Owner	2000
3403	Willamison	Owner	1800
3404	Nigley	Owner	3300
3405	Ruedy	Sebling	2000
3406	Horton	Owner	4000
3407	Reynolds	Walker	3000
3408	Lucas	Owner	5000
3409	Griffin	Omo	6000
3410	Liebig	Owner	3000
3411	Esden	Graham	3000
3412	Downing	Owner	1500
3413	Lapham	Lapham	3000
3414	Tonges	Thaxter	6000
3415	Dingley	Easterly	2765
3416	Cooper	—Jones	3500
3417	Smith	Owner	3750
3418	Keogh	Silva	2100
3419	Williams	Froling	6000
3420	Norton	Thelle	5000
3421	Mondon	Albers	5150
3422	Gillingham	Norwood	11210
3422	Cellano	Owner	4000
3423	Haven	King	2000
3424	Sharwood	Engler	8000
3425	McGuuinness	Owner	2500
3426	Fox	Fox	2450
3427	Peterson	Johnson	1000
3428	Whethorne	Knowles	7500
3429	Realty	Owner	6000
3430	Elhency	Muller	18000
3431	P. G. & E.	Owner	7500
3432	Kramer	Patrick	4000
3433	Lindsay	Vezina	4800
3434	Barnum	Nichols	2575
3435	Hill	Owner	3000
3436	Moare	Johnson	2000
3437	Westphall	Stone	4450
3438	Wilson	Petersen	6000
3439	Devlin	Henas	2500
3440	Hudson	Bond	2200

OFFICE BUILDING.
(3338) NE. COR. 14TH AND FRANKlin, Oakland. 7-story class A office bldg.
Owner—Actico Bldg. Co., Oakland.
Architect—C. M. McCall, Central Bank Bldg., Oakland.
Contractor — Dinwiddie Construction Co., Crocker Bldg., S. F. $340,000

STORES.
(3339) N. 7TH ST., 75 E. Jeffrson, Oakland. One-story brick stores.
Owner—M. L. Centini, 603 Brush St., Oakland.
Architect—None.
Contractor—W. J. David, 1429 Broadway, Oakland. $13,879

DWELLING
(3340) W THIRTY-FIFTH AVE. 60 N Penniman, Oakland. 1-story 5-room dwelling.
Owner—F. Simon, 224 Virginia Ave., San Francisco.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland. $3850

DWELLING
(3341) E ENSETT AVE 666 S Hampel St., Oakland. 1-story 5-room dwelling.
Owner—Celestine Erickson.
Architect—None.
Contractor—E. T. Matteson, 3629 Laguna Ave., Oakland. $5500

DWELLING
(3342) SE COR. EIGHTY-SIXTH AVE and Holly St., Oakland. 1-story 5-room dwelling.
Owner—Frank J. Leonardo, 9235 Peach St., Oakland.
Architect—None. $4000

DWELLING
(3343) E RITCHIE ST. N H Blvd., Oakland. 1-story 4-room dwelling.
Owner—Sven D. Swendsen, R. F. D. Box 885, Oakland.
Architect—None. $2500

DWELLING
(3344) 7820 ASH ST., Oakland. 1-story 5-room dwelling.
Owner—Mrs. H. Weiss, R. F. D. No. 2 Box 290, Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Dorris St., Oakland. $2950

SERVICE STATION
(3345) SE COR. MONTELL & PIEDmont Ave., Oakland. 1-story steel service station and steel comfort station.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The House of Samuels Co. JEWELERS
33 Kearny 895 Market

Owner—Shell Oil Co. of Cal., 343 Sansome St., San Francisco.
Architect—None. $2100

DWELLING
(3346) N SCHOOL ST. 145 N Boston Ave., Oakland. 1-story 4-room dwlg
Owner—F. Harokes.
Architect—None.
Contractor—Wm. F. Sand, 2721 School St., Oakland. $2500

DWELLING
(3347) W MONTGOMERY 90 N Mather, Oakland. 1-story 3-room dwelling.
Owner—Pauline Nardley, 208 Mather St., Oakland.
Architect—None.
Contractor—Paul Nardley, 1836 Delaware St., Oakland. $1000

DWELLING
(3348) 1318 1320 CARLTON & 1341 Derby St., Oakland. 3 1-story 6-room dwellings.
Owner—Leighton MacGregor, 470 13th Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $2950 each

DWELLING
(3349) 1342 PARKER, Berkeley. 1-story 6-room dwelling.
Owner—C. M. MacGregor, 622 Highland Ave., Berkeley.
Architect — Leighton MacGregor, 470 13th St., Oakland. $2950

RESIDENCES.
(3350) 2629½ PIEDMONT, Berkeley. 2 2-story 4-room residences.
Owner—Chas. S. Newhall, 2629 Piedmont Ave., Berkeley.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. $3750 each

DWELLING.
(3351) 1127 ADDISON ST., Berkeley. One-story 6-room dwelling.
Owner—R. Knoll, Jr., N. side Addison, W. Bruce Ave., Berkeley.
Architect—None. $5000

HOUSE.
(3352) 2127 BROWNING, Berkeley. 1-story 5-room house.
Owner—R. H. Crur, Berkeley.
Architect—None.
Contractor—C. E. Burke, 4129 Randolph Ave., Berkely. $3000

COTTAGE.
(3353) 3225 ROSIE, Berkeley. One-story 4-room cottage.
Owner—M. Perkins, 1513 Woolsey St., Berkeley.
Architect—None.
Contractor—F. A. McCausland, Richmond, Calif. $2600

DWELLING.
(3354) 2415 Ninth, Berkeley. 1-story 4-room dwelling.
Owner—H. R. Abrahamson, 41 Yosemite Ave., Oakland.
Architect—None. $1245

REPAIRS
(3355) 14540 LE CONTE SCHOOL, Berkeley. Repair, alter, painting.
Owner — Berkeley School Dist., 2133 Allison St., Berkeley.
Architect—None. $2806

REPAIR
(3356) EMERSON SCHOOL, Piedmont. Repair, alter, painting school.
Owner—Berkeley School District, 2133 Allston, Berkeley.
Architect—None. $3140

REPAIR
(3357) McKINLEY SCHOOL, Berkeley Repair, alter and painting.
Owner—Berkeley School District, 2133 Allston, Berkeley.
Architect—None. $2064

DWELLING
(3358) 2942 MAGNOLIA ST., Berkeley. 1-story 6-room dwelling.
Owner—Miss Smith.
Architect—None.
Contractor—J. P. Brennan, 2110 Shattuck, Berkeley. $4000

ALTER & ADDITION
(3359) 2639 ETNA, Berkeley. Alteration and addition.
Owner—Wilford W. Michols, 2729 Derby St., Berkeley.
Architect—C. C. Dakin. $1700

APT. HOUSE
(3360) E WARFIELD S Mandana, Oakland. 2-story 14-room apartment house.
Owner—W. B. Vinnicombe, 914 Buena Vista Ave., Oakland.
Architect—None.
Contractor—V. E. Gindice, 806 Syndicate Bldg., Oakland. $13,000

DWELLING
(3361) 2840 EASTMAN AVE., Oakland 1-story 4-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $1800

DWELLING
(3362) FORTY-FOURTH ST. Oakland. 1-story 5-room dwelling.
Owner — Enrico Cerini, 959 43rd St., Oakland.
Architect—None.
Contractor—A. A. McCord, 4517 Market St., Oakland. $2700

REPAIRS.
(3363) 5570 TAFT AVE., Oakland. Fire repairs.
Owner—Murry McKinnie.
Architect—None.
Contractor—J. F. Shrader, 2004 Telegraph Ave., Oakland. $1076

DWELLING.
(3364) SW. COR. 62ND AVE and East Lawn St., Oakland. One-story 4-room dwelling, Oakland
Owner—R. G. Hague, 1293 62nd Ave., Oakland.
Architect—None. $1800

DWELLING.
(3365) N. NEY AVE., E. Parker, Oakland. One-story 4-room dwelling and garage.
Owner—K. A. Johanson, 2429 13th Ave., Oakland.
Architect—None. $3000

DWELLING
(3366) N. SUNNYHILL ROAD, off Larkspur Road, Oakland. Two-story 6-room dwelling.
Owner—F. F. Noble, 1218 Broadway, Oakland.
Architect—None. $5000

ALTERATIONS.
(3367) S 13TH ST., W. Webster St., Oakland. Alterations.
Owner—Oyster Loaf Cafe.
Architect—None.
Contractor—R. E. Sheridan, 1016 Webster St., Oakland. $1200

MIXING PLANT.
(3368) FOOT OF ADELINE ST., Oakland. Con. Mixing Plant.
Owner—Oakland Paving Co., 5000 Broadway, Oakland.
Architect—None. $7500

FLATS.
(3369) S. 40TH ST., E. Grove St., Oakland. Two-story 8-room flats.
Owner—Misses Jane adn Josephine King, 619 22nd St., Oakland.
Architect—None.
Contractor—Jerome MacDonald, 621 22nd St., Oakland. $8000

DWELLING.
(3370) 1985 HARRINGTON AVE., Oakland. One-story 5-room dwelling and garage.
Owner—O. R. Clark, 2009 Harrington Ave., Oakland.
Architect—None. $3150

DWELLING.
(3371) 2200 41ST AVE., Oakland. One-story 5-room dwelling and garage.
Owner—B. M. Attebery, 2039 42nd Ave., Oakland.
Architect—None. $4150

REHABILITATION OF R. R.
(3372) REHABILITATION OF R. R., Seventh St. Elect. Line, So. end Melrose Extension, bet. Nutley or 57th Ave. and Church St., in the location as on East Bay Division Drawing 3640.
Owner—Southern Pacific Company.
Architect—None.
Contractor — Hutchinson Company, Hutchinson Bldg., Oakland.
Filed, July 17, '23. Dated, July 14, '23. 75% of work done each month.
TOTAL COST, $38,000
Bond, $——. Sureties, Globe Indemnity Company. Forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLING.
(3373) LOT 27, BLOCK 5, MAP OF Claremont, Berkeley. Two-story frame dwelling.
Owner—Mrs. C. C. Brayton, 2717 Webster St., Berkeley.
Architect—None.
Contractor—H. C. Kidder, 1923 Franklin St., Berkeley.
Filed, July 20, '23. Dated, June 27, '23.
When frame up $2650 17
When first coat of plaster, interior anad exterior 2650.17
When work is completed and accepted 2650.16
Usual 35 days after accepted. 2650.16
TOTAL COST, $10,600.66
Bond, $10,444. Sureties, Fidelity Deposit Company of Maryland. Forfeit, none. Limit, 90 days. Plans and specifications filed.

ALTERATIONS.
(3374) 672 CALMAR AVE., Oakland. Alter to present building.
Owner—Joseph Geltner, Premises.
Architect—None.
Contractor—O. H. Butzke, 1815 66th St., Oakland.
Filed, July 20, '23. Dated, April 14, '23.
When frame up $500
When plastered 400
When completed and accepted.. 375
TOTAL COST, $1275
Bond, none. Sureties, none. Forfeit, none. Limit, 60 days. Plans and specifications, none.

DWELLING
(3375) E EXCELSIOR AVE. 100 N Park Blvd., Oakland. 1-story 6-rm. dwelling.
Owner—J. B. Ferguson, 3628 Park Blvd. Oakland.
Architect—None.
Contractor — H. Campbell, Walnut Creek, Oakland. $6000

ADDITION
(3376) FOOT OF ONE HUNDRED Fifth Ave., Oakland. Addition.
Owner—Best Steel Casting Co.
Architect—None.
Contractor—Geo. Petersen, San Leandro $1200

DWELLING
(3377) N BROADWAY TERRACE 200 E Brookside, Oakland. 1-story 5-rm dwelling.
Owner—J. M. Sabin, Broadway Terrace, Oakland.
Architect—None. $3000

DWELLING
(3378) W EIGHTY-THIRD AVE. 125 S Dowling, Oakland. 1-story 5-rm. dwelling.
Owner—Arthur Kleinschmidt, 2351 81st Ave., Oakland.
Architect—None. $3500

DWELLING
(3379) SE COR. SIXTY-THIRD & RAcine St., Oakland. 1-story 6-room dwelling.
Owner—W. S. Young, 533 63rd St., Oakland.
Architect—None. $3500

RESIDENCE
(3380) N LONGRIDGE ROAD 200 E Rosemont being Lots 23 and 24 Blk 1, Lakeshore Highlands, Oakland. All work for two-story frame and plaster residence.
Owner—Lillian M. Wilson.
Architect — Schirmer-Bugbee & Co., Thayer Bldg., Oakland.
Contractor — A. Cederborg, 1445 Excelsior Ave., Oakland.
Filed July 21, '23. Dated June 12, '23.
Sheathing on $2211.75
1st coat plaster on..... 2211.75
Completed and accepted..... 2211.75
Usual 35 days..... 2211.75
TOTAL COST, $8847.00
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(3381) LOT 46 Map Lakeshore Park Heights, Oakland. All work for two-story 10-room flats.
Owner — O T. and Minnie Nish, 5859 Birch Court, Oakland.
Architect—None.
Contractor—Richard Beadell and Geo. Lane, 662 Fairview St., Oakland.

Filed July 21, '23. Dated ——,
Frame up $3112
Plaster on 3112
Completed and accepted..... 3112
Usual 35 days..... 3114
TOTAL COST, $12,450
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

APARTMENTS
(3382) SE ALCATRAZ AND COLLEGE Aves., Berkeley. Two-story 18-room stores and apartments.
Owner—Mrs. Chester H. Rowell and Mrs. Olney, 1240 Tamalpais St., Berkeley.
Architect—None.
Contractor—Mason-McDuffie Co., Shattuck Ave. and Addison St., Berkeley. $24,000

DWELLING
(3383) NO. 1729 SPRUCE ST., Berkeley. Two-story 6-room dwlg.
Owner—Albert S. Block.
Architect—None.
Contractor—Mason-McDuffie Co., Shattuck and Addison Sts., Berkeley. $7500

DWELLING
(3384) NO. 1021 HIGH COURT, Berkeley. Two-story 5-room dwlg.
Owner—H. L. Cullenden.
Architect—None.
Contractor—Mason-McDuffie Co., Shattuck Ave and Madison St., Berkeley. $5000

DWELLING
(3385) NO. 2524 BUENA VISTA AVE., Berkeley. Two-story 7-room dwlg.
Owner—H. H. Gastman, 1263 Euclid Ave., Berkeley.
Architect—None. $6000

REPAIRS
(3386) BANCROFT bet. Grove and Milvia, Berkeley. Repairs.
Owner—Berkeley School District.
Architect—None. $3950

REPAIRS
(3387) OREGON & McGEE, Berkeley. Repairs.
Owner—Berkeley School District.
Architect—None. $1033

REPAIRS
(3388) ROSE AND GRANT, Berkeley. Repairs.
Owner—Berkeley School District.
Architect—None. $1390

DWELLING
(3389) NO. 1 CLAREMONT CRESCENT, Berkeley. One and one-half story 6-room dwelling.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $4000

DWELLING
(3390) NO. 3135½ KING ST., Berkeley One-story 3-room dwlg.
Owner—Mrs. O'Brien, 3135 King St., Berkeley.
Architect—None.
Contractor—Al Ekstrom, 3146 King St., Berkeley. $1004

DWELLING
(3391) 1248 SUNNYHILL ROAD, Oakland, 2-story 6-room dwelling.
Owner—Romaine Myers, Bacon Bldg., Oakland.
Architect—None.
Contractor—Ben F. Kopf, 845 Pac. Ave., Alameda. $6870

DWELLING
(3392) W MIDVALE AVE. 50 N Quigley Lane, Oakland. 1-story 4-room dwelling.
Owner—Charles E. Korjoka, 3476 Midvale Ave., Oakland.
Architect—None. $1600

DWELLING
(3393) S NEVIL 200 E 38th Ave., Oakland. 1-story 5-room dwelling.
Owner—G. Wurthman, 3826 Agua Vista Ave., Oakland.
Architect—None.
Contractor—R. Wenk, 524 Santa Clara Ave., Oakland. $3750

DWELLING
(3394) W SIXTIETH AVE. 120 S Fortune Way, Oakland. 1-story 5-room dwelling.
Owner—E. O. Newman, 2316 Buena Vista Ave., Alameda.
Architect—None. $3000

ADDITION
(3395) 664 FIFTY-FIRST ST., Oakland. Addition.
Owner—C. Larson, premises.
Architect—None.
Contractor—Jensen & Pederson, 3443 Adeline St., Oakland. $1250

OFFICE & STORE
(3396) N SEVENTEENTH ST. 100 W Telegraph, Oakland. 4-story conc. office and store building.
Owner—A. F. Edwards.
Architect — Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $90,000

ALTERATIONS
(3397) NE GARLAND AND FAIRmont, Oakland. All work except heating to alter dwelling into apartments.
Owner—Lars Olsen.
Architect—W. H. Ratcliff, First Nat'l. Bank Bldg., Berkeley.
Contractor—Tranmal & Bradhoff, 483 Crescent Ave., Oakland.
Filed July 23, '23. Dated July 19, '23. As work progresses.....
TOTAL COST, $16,055.60
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(3398) NO. 1087- 1089 PARK AVE., Alameda. One-story 2-room apts.
Owner—C. W. MacRae, 1091 Park Ave., Alameda.
Architect—None. $2500

DWELLING
(3399) 1111 CHAUCER, Berkeley. 1-story 5-room dwelling.
Owner—R. H. Crus.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. $3000

ADDITION
(3400) 2288 CHAPEL, Berkeley. Addition.
Owner—L. M. Ridings, premises.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. $1215

DWELLING
(3401) 833 MENDOCINO, Berkeley. 2-story 8-room dwelling.
Owner—A. E. Pugh and Allen Goldworthy, 596 22nd St., Oakland; 856 20th St., Oakland.
Architect—None. $6000

DWELLING
(3402) 1231 BLAKE, Berkeley. 1-sto. 4-room dwelling.
Owner—E. Rossi, 612 47th St., Oakland.
Architect—None. $2000

DWELLING
(3403) 1526 ADDISON, Berkeley. 1-sto. 4-room dwelling.
Owner L. M. Williamson, Walnut Creek, Oakland.
Architect—None. $1800

DWELLING
(3404) 804 VICENTE, Berkeley. 1-sto. 5-room dwelling.
Owner—Noel Nigley, 2706 Haste St., Berkeley.
Architect—None. $3300

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

DWELLING
(1305) S HILTON 130 E 55th Ave., Oakland. One-story 5-room dwlg.
Owner—E. Ruedy, 5520 Harvey Ave., Oakland.
Architect—None.
Contractor—Wm. Schling, 4650 E-14th St., Oakland. $2000

DWELLING
(3406) W MIRA VISTA AVE 300 S Sunnyslope, Oakland. One-story 5-room dwelling.
Owner—Jas D. Horton, 581 9th St., Oakland.
Architect—None. $4000

DWELLING
(3407) N CALAVERAS AVE., Oakland One-story 5-room dwelling.
Owner—D. G. Reynolds.
Architect—None.
Contractor—S. C. Walker, 3231 Boston Ave., Oakland. $3000

DWELLING
(3408) W PALTON 80 S Chabot Road, Oakland. One-story 6-room dwlg.
Owner—L. L. Lucas, 2201 Ashby Ave., Berkeley.
Architect—None. $5000

DWELLING
(3409) W FIFTEENTH AVE 150 N E-21st St., Oakland. Two-story 7-room 2-family dwelling.
Owner—Mary Griffin.
Architect—None.
Contractor—Fred Omo, 2128 11th Ave., Oakland. $6000

DWELLING
(3410) E HAVENSCOURT BLVD. 80 N Arthur, Oakland. One-story 4-room dwelling.
Owner—Richard Liebig, 1739 69th Ave., Oakland.
Architect—None. $3000

DWELLING
(3411) NO. 4200 E-SIXTEENTH ST., Oakland. One-story 5-room dwlg.
Owner—H. D. Esden, 4214 E-16th St., Oakland.
Architect—None.
Contractor—C. H. Graham, 1607 High St., Oakland. $3000

ALTERATIONS
(3412) NO. 777 GRAND AVE., Oakland. Alterations.
Owner—G. J. Downing.
Architect—None. $1500

DWELLING
(3413) N SCENIC WAY 120 E Seminary Ave., Oakland. One-story 5-room dwelling.
Owner—Frank Lapham, 2451 61st Ave., Oakland.
Architect—None.
Contractor—B. & R. Lapham, 2451 61st Ave., Oakland. $3000

ADDITION
(3414) NO. 5863 BIRCH COURT, Oakland. Addition.
Owner—H. C. L. Tonges, Premises.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berekeley. $6000

DWELLING
(3415) NO. 1427 EIGHTY-SEVENTH Ave., Oakland. One-story 4-room dwelling.
Owner—Alyce Dingley, 1907 7th Ave., Oakland.
Architect—None.
Contractor—John I. Easterly, 2137 Tiffin Road, Oakland. $2765

DWELLING
(3416) N WARFIELD AVE 450 E 23rd Ave., Oakland. One-story 5-room dwelling.
Owner—Wm. Cooper, 1536 18th Ave., Oakland.
Architect—None.
Contractor—Mills & Jones. $3500

DWELLING
(3417) NO. 1220 WALNUT, Alameda. One and one-half-story 5-room dwelling.
Owner—C. O. Smith, 2103 Alameda Ave., Alameda.
Architect—None. $3750

ALTERATIONS
(3418) NO. 2306 SAN JOSE AVE., Alameda. Alterations.
Owner—John A. Keogh, Premises.

Architect—None.
Contractor—Silva & Livizone, 2869 Ford St., Oakland. $2100

DWELLING
(3419) MOUND ST. betw. Central and Santa Clara, Alameda. Two-story 5-room dwelling.
Owner—C. J. Williams, 1224 High St., Alameda.
Architect—None.
Contractor—C. Froling, 1115 Walnut St. Alameda. $6000

DWELLING
(3420) SANTA CLARA AND UNION, Alameda. One-story 6-room dwlg.
Owner—Morton.
Architect—None.
Contractor—Theile & Walthall, American Bank Bldg., Oakland. $5000

DWELLING
(3421) S FOOTHILL BLVD. 165 W Vicksburg being Lot 18 Blk 18 Melrose Heights, Oakland. 1-sto. frame dwelling.
Owner—Estrella L. Mondon, 4828 Foothill Blvd., Oakland.
Architect—None.
Contractor — George H. Albers, 5152 Foothill Blvd., Oakland.
Filed July 24, 1923. Dated July 24, 1923.
Frame up .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $5104
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

DWELLING
(3422) S 50 LOT 4 & N 30 LOT 5 BLK H Map Claremont Court, Berkeley. All work for 2-story frame dwlg.
Owner—John Rowley Gillingham and Frances Barnard Gillingham, 2241 Sacramento St., S. F.
Architect—None.
Contractor—Chester Deane Norwood & George Vernon Harris, 5912 Ayala St., Oakland.
Filed July 24, 1923. Dated July 21, 1923.
Frame up $3000
Int. plastered $4500
Completed and accepted $3000
Usual 35 days .....Balance
TOTAL COST, $11,210
Bonds, Sureties, none; Bonus, $15 day; Forfeit, $5 day; Limit, Nov. 9; Plans and specifications, none.

DWELLING
(3422) FORTY-FIRST AND ADELINE Emeryville. One-story 5-room dwelling.
Owner—A. G. Cellano, 948 53rd St., Oakland.
Architect—Chas. Ungaretti, 1393 18th St., Oakland. $4000

ALTERATIONS
(3423) NO. 1737 WALNUT, Berkeley. Alterations.
Owner—George N. Haven, Premises.
Architect—None.
Contractor—Geo. F. King, 1429 Grant St., Berkeley. $2000

DWELLING
(3424) NO. 2808 WOOLSEY, Berkeley. Two-story 7-room dwelling.
Owner—Anna K. Sharwood, Ocean View Apartments, Oakland.
Architect—None.
Contractor—Louis Engler, 2940 Forest Ave., Berkeley. $8000

DWELLING
(3425) NO. 1517 TYLER, Berkeley. One-story 5-room dwelling.
Owner—James McGuinness, 594 63rd St., Berkeley.
Architect—None. $2500

DWELLING
(3426) NO. 1335 McGEE, Berkeley. One-story 5-room dwelling.
Owner—Geo. H. Fox, 1814 Hearst Ave., Berkeley.
Architect—None.
Contractor—Fox Bros., 1814 Hearst Ave., Berkeley. $2450

ADDITION
(3427) 166 RIDGEWAY AVE., Oakland. Addition.
Owner—Peterson, premises.
Architect—None.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $1000

ADDITION
(3428) S ELEVENTH ST 100 W Washington, Oakland. Addition.
Owner—Whitthorne & Swan.
Architect—None.
Contractor—Wm. Knowles, Cent. Bank Bldg., Oakland. $7500

DWELLING
(3429) 1221-23 WELLINGTON AVE., Oakland. 1-story 8-room 2-family dwelling.
Owner—Realty Service Co., 3628 Park Blvd., Oakland.
Architect—None. $6000

STORE & LODGE BLDG.
(3430) W GRAND AVE. 400 N Santa Clara Ave., Oakland. 2-story store and lodge building.
Owner—G. McElheney.
Architect—None.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $18,000

BOILER ROOM
(3431) FIRST AND MARKET STS., Oakland. Steel boiler room.
Owner—P. G. & E. Co., 17th & Clay Sts., Oakland.
Architect—None. $7500

DWELLINGS
(3432) E MINNA 250 N Allendale, Oakland. 2 1-story 5-room dwlgs. Ave., Oakland.
Owner—Add Kramer.
Architect—None.
Contractor—Davis & Patrick. $4000 ea.

DWELLING
(3433) 3000 E-FIFTEENTH ST., Oakland. 1-story 6-room dwelling.
Owner—A. Lindsay, 474 Stow Ave., Oakland.
Architect—None.
Contractor—Diestel & Vezina, 474 Stow Ave., Oakland. $4800

DWELLING
(3434) S NEY AVE. 200 E Ritchie, Oakland. 1-story 4-room dwelling.
Owner—L. P. Barnum.
Architect—None.
Contractor—H. J. Nichols, 7710 Foothill Blvd., Oakland. $2575

DWELLING
(3435) 2630 SIXTY-THIRD AVE, Oakland 1-story 5-room dwelling.
Owner—Hill & Walters, 1600 High St. Oakland.
Architect—None. $3000

ALTERATION
(3436) 5762 CLAREMONT, Oakland. Alteration.
Owner—F. J. Moare, premises.
Architect—None.
Contractor—S. G. Johnson. $2000

ALTER & ADDITION
(3437) 6105 SAN PABLO AV., Oakland Alteration and addition.
Owner—Henry Westphall, premises.
Architect—None.
Contractor—E. P. Stone, 1212 Carrison St., Berkeley. $4450

DWELLING
(3438) NE COR. E-TWENTIETH ST. and 17th Ave., Oakland. 2-story 6-room dwelling.
Owner—Irlon Wilson, 1730 E-20th St., Oakland.
Architect—None.
Contractor—A. H. Petersen, 2034 17th Ave., Oakland. $6000

DWELLING
(3439) E-SIXTY-EIGHTH AVENUE 450 N Flora. St., Oakland. 1-story 4-room dwelling.
Owner—Elizabeth and F. L .Devlin.
Architect—None.
Contractor—Joseph A. Henas, 6922 Arthur St., Oakland. $2500

INSIDE FINISH
(3440) 1633 BROADWAY, Oakland.. Inside finish.
Owner—Hudson Bay Fur. Co., premises
Architect—None.
Contractor—R. Bond, 1859 Divisadero St., San Francisco. $2200

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepte

July 19, 1923—E ATHOL — N Brooklyn. V Hazel to C M MacGregor.. .....July 16, 192

July 19, 1923—LOT 105 Map Resbdvn Peralta Park, Berkeley. A H Pallen to whom it may concern. July 18, '2

July 19, 1923—LOT 103 Map Re-sbdvn of Peralta Park, Berkeley. A H Pallen to whom it may concern.. .....July 18, 192

July 19, 1923—BLK 1 Map Curtis Tct, Berkeley. Roy O Long to whom it may concern.....July 19, 192

July 19, 1923—LOT 104 Map Re-sbdvn of Peralta Park, Berkeley. A H Pallen to whom it may concern.. .....July 18, 192

July 19, 1923—BLK 2, Spaulding Tct, Berkely. Thomas Wilson to whom it may concern.....July 16, 192

July 19, 1923—LOTS 31 AND 32 Hageman Mangels Tract, Oakland. B C Smith to D. W. Parks....July 19, 192

July 19, 1923—LOT 121 Map Re-sbdvn Peralta Park, Berkeley. R O Lind to Heath & Windt.....July 18, 192

July 19, 1923—LOT 1 BLK 20, Lakeshore Highlands, Oakland. Nat Dessler to Wiley T Vaughn..... .....July 17, 192

July 19, 1923—LOTS 7 AND 8 BLK 21 Boulevard Park, Brooklyn Twp. J W Sigwald to whom it may concern.....July 19, 192

July 19, 1923—NO. 3741 MIDVALE AV Oakland. Carl Walstrom to whom it may concern.....July 16, 192

July 20, 1923—LOTS 20 AND 21 BLK 24 Map Melrose Heights, Brooklyn Twp. G L MacInnis to McWethy & Greenleaf.....July 14, 192

July 20, 1923—NO. 832 PALOMA AV, bet. Calmar and Santa Ray, Oakland. J B Grubb to whom it may concern.....July 20, 192

July 20, 1923—NO 679 CALMAR AVE Ptn Lot 1 Blk "D" East Piedmont Heights, Piedmont. Joseph Geitner to O H Butzke.....July 20, 192

July 20, 1923—LOTS 13 AND 14 BLK 6 Antisell Villa Lots, Oakland. Mary S Noyes, Trustee to Roy O Long Co.....July 19, 192

July 20, 1923—LOT 8 BLG 5, Claremont, Berkeley Mrs. Lewis H Waldron to J Dawson...July 12, 192

July 20, 1923—NO. 120 OAKMONT AV Piedmont. Mrs. Jane E Anderson to F J Theile.....July 20, 192

July 20, 1923—LOT 15 BLK "E" Map Lakeshore Hills, Oakland. Christ M Andersen to whom it may concern.....July 18, 192

July 20, 1923—LOT W LINE SAN Pablo Ave 75 N Alston Way and San Pablo Ave., Bkly. Lawrence Borg to C Texdahl.....July 19, 192

July 20, 1923—LOT 45 Map A. J. Snyder Piedmont Terrace-by-the-Lake, Oakland. A L Bandel to Mervin P Rose.....July 19, 192

July 20, 1923—NO. 732 PROSPECT Ave, Oakland. R Wilson to Carl Schimitt.....July 14, 19

July 20, 1923—LOT 3 BLK 2 Map Northland Tract No. 1, Berkeley. Frederick R Siegrist to whom it may concern.....July 17, 19

July 21, 1923—1706 SIXTY-NINTH Ave. Chris Bokalrud to whom it may concern.....July 20, 19

July 23, 1923—LOT 30 BLK 4, Map Thousand Oaks Station Tract, Oakland Tp. Edward H Jenanyan to E F Henderson.....July 10, 19

July 23, 1923—NE THIRTY-EIGHTH and Grove 40x97½, Oakland. T T Valerga to whom it may concern.. .....July 10, 19

July 23, 1923—LOTS 12 AND 13 BLK 12, Chevrolet Park, Oakland. John C Lamberty to S I Lundberg..... .....July 20, 19

July 23, 1923—S BOND 40 W 52d Ave, Oakland. Elizabeth Harde to California Builders Co.....July 20, 19

July 24, 1923—LOT 21 BLK 4, Berkeley Square, Berkeley. C E Pugh to whom it may concern..... .....July £3, 19

July 24, 1923—LOA 1 Maple Heights Tract, Oakland. Arthur E Clark to Alder & Clark.....July 24, 19

July 24, 1923—NO. 2501 PERALTA Ave., Oakland. Otto Rinkert to whom it may concern..July 23, 19

uly 24, 1923—LOT 36 BLK "E" Lake-Shore Hills, Oakland. W. J. Baker to whom it may concern.....July 23, 1923
uly 24, 1923—PTN LOT 25 BLK 10, Steinway Terrace, Oakland. A R Attebery to whom it may concern.....July 21, 1923
uly 24, 1923—LOT 13 and N 10 Lot 14 Blk 9 Map Lands adjacent to Town of Encinal, Alameda. A A Boehn to J F Perry....July 15, 1923
uly 24, 1923—N ATHOL AVE 204.6 W Newton Ave., Oakland. M G Kendall to California Builders Co .....July 21, 1923
uly 25, 1923—LOT 41 BLK "M" 4th Ave. Terrace, Oakland. A C A Krueger to whom it may concern.....July 20, 1923
uly 25, 1923—LOT 10 BLK 14 Resubdivision Ptn Hollywood, Oakland Mrs. R J Blasingame to whom It may concern.....July 24, 1923
uly 25, 1923—E PIEDMONT AVE 100 S Linda Ave 32.5x100, Oakland. J S Panosian to F Peters.....July 20, 1923
uly 25, 1923—LOT 45 BLK 9, Thousand Oaks Tract, Berkeley. Joseph R Harker to John Bigelow.....July 16, 1923

LIENS FILED

ALAMEDA COUNTY

tecorded Amount
uly 21, 1923—35 IN BLOCK L H MAP of Broadway Terrace, Oakland. J. H. Stevenson vs. J. C. Downey and Irene Vaude $2021
uly 25, 1923—NE 4¾ LOT 5, all Lot 6 Blk 62 Map Sbdvn No. 1, Park Place, Oakland. Fruitvale Electric Co vs F E Vaughan.....$518.48

RELEASE OF BUILDING CONTRACTS

ALAMEDA COUNTY

LONGRIDGE ROAD 200 E Rosemont, Oakland. Two-story frame and plaster residence. Lillian W. Wilson with A. Cederborg, 1445 Excelsior Ave., Oakland. Released July 21, 1923.
OT 46, Map Lakeshore Park Heights, Oakland. Two-story 10-room frame flats. O. T. and Minnie Nish with Richard Beedell and George Lane. Released July 21, 1923.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2500 and Over Reported

UILDING, two-story, $12,500; LOT 422 W. & K. Sub. 17, Sacramento; owner, Mr. and Mrs. H. Eiler, 1018 K St., Sacramento; contractor, A. W. Norris, Peoples Bank Bldg., Sacramento; filed July 13, 1923; Dated Feb 15, 1923.
WELLING, one-story 5-room and garage, $2500; No. 3332 7th Ave., Sacramento; owner, A. S. Nepstad, 3071 9th Ave., Sacramento.
WELLING one-story 5-room and garage, $4850; No. 801 41st St., Sacramento; owner, F. P. Williams, 4441 San Benito St., Sacramento.
UILDING, two-story brick, $26,000; No. 1628 J St., Sacramento; owner, John Kost Jr., 1400 38th St., Sacramento; contractor, Ed. W. Rock, 2912 G St., Sacramento.
WELLING, 1-st 5-room, $3000; No. 4541 Eighth Ave., Sacramento; Owner, L. W. Halin, 4549 8th Ave., Sacramento.
WELLING, 1½-story 4-room and garage, $3650; No. 632 San Miguel Way, Sacramento; owner, Fred R. Pierce, 1238 38th St., Sacramento; contractor, Frank Maloney, 2173 T St., Sacramento.
WELLING, one-story 6-room, $3500; No. 3268 Riverside Blvd., Sacramento; owner, Tony Silva, 3268 Riverside Blvd., Sacramento.
ESIDENCE, one-story 5-room and garage, $5000; No. 1216 38th St., Sacramento; owner, E. Hornstein, 1419 16th St., Sacramento; contractor, Geo. F. Wright, 3981 2nd Ave., Sacramento.

DWELLING, 1-story 5-room, $2750; No. 3100 C St., Sacramento; owner, W. D. McKoy, 3031 E St., Sacramento; contractor, T. H. G. Birdsall, 1503 13th St., Sacramento.
FLATS, (2) 2-story and garage, $2800; No. 423 M St., Sacramento; owner, Mrs. C. Ganol, 417 M St., Sacramento; contractor, C. Vanina.
DWELLING, 5-room, $4600; No. 1708 U St., Sacramento; owner, Jas. Horrigan, 621 I St., Sacramento; contractor, M. F. McKenzie, 1126 T St., Sacramento.
DWELLING, 5-room, $2800; No. 3409 42nd St., Sacramento; owner, Ella B Kellogg; contractor, G. Snyder, Rte 2, Box 1645, Sacramento.
DWELLING, 5-room, $2800; owner, J. M Hutcheson, 1816 28th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Amount
July 13, 1923—LOT 422 W. & K. Sub. 17, Sacramento. H C Eiler to whom it may concern..July 13, 1923
July 20, 1923—LOT 1331 W & K Tract, Sacramento. G W Mortimer and Zella Clement to whom it may concern.....July 20, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
July 16, 1923—LOT 50, L. F. Carmichael Co. H H Morris vs E M and Clara Ray $105
July 16, 1923—LOT 19, Sunnyside, Sacramento. W D McKoy vs Floyd R and Faye Dugeon.....$29.46
July 18, 1923—E ½ LOT 3, V. W. 18th and 19th Sts, Sacramento Superior Lumber Co vs J R Benson.....$63.87
July 20, 1923—LOT 3, Roemer Tract, Sacramento. Superior Lumber Co vs Edward Strange & Grace (ux) $1495.79
July 20, 1923—LOT 50 Carmichael Col exc N 10 ft., Sacramento. General Supply Co vs E M Reagh.....$1022.93

RELEASE OF LIENS

SACRAMENTO COUNTY

Recorded Amount
July 16, 1923—LOT 92 BLVD PARK, Sacramento. Sunset Lumber Co to Amelia Lindfeldt.....$847.97
July 20, 1923—LOT 51, Harkins Ac., Sacramento. Sunset Lumber Co to Cornelius, Matilda and Catherine Harkins $348.25

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2500 and Over Reported

BUILDING, $9490; Hildreth Lane bet. Lodi and Stockton Sts., Stockton; owner, David B. Lyana, Commercial & Savings Bank Bldg., Stockton; contractor, T. E. Williamson, San Juan and West Park Ave., Stockton; filed July 21, 1923; dated, July 18, 1923; limit, 75 days.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

RESIDENCE, $3000; No. 2089 E-Washington St., Stockton; owner, W. Kolb, Stockton.
RESIDENCE, $2600; No. 316 S-American St., Stockton; owner, Luigi Luchessi, Stockton.
RESIDENCE, $4500; No. 1331 S-Pilgrim St., Stockton; owner, Roy A. Tahn, Stockton.
RESIDENCE, $4000; No. 1583 W-Willow St., Stockton; owner, A. M. Yates, Stockton.
BUILDINGS, $30,000; No. 110 N-East St., Stockton; owner, San Joaquin Marketing Association, Stockton.
RESIDENCE, $5000; No. 254 E-Ellis St., Stockton; owner, — Sigarini.
AUTO sales building, two-story and basement reinforced concrete, $85,000; No. 602 E-Channel St., Stockton; owner, Davis-Heller-Pearce Co., Delta Bldg., Stockton; architect, Owners
RESIDENCE, $4850; No 1846 Lexington-Shoemaker, 217 E-Willow St., ton St., Stockton; owner, J. P. Stockton.
RESIDENCE, $4000; No. 440 Lexington St., Stockton; owner, J. Olivo.
TWO residences, $3500 and $5500 respectively; No 2605 S-Crafton and No. 805 S-Regent St., Stockton; owner, Wm. Reenstra, 125 Kensington Way, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
July 13, 1923—NO. 410 & 416 TAFT Ave., Tracy. L L Wilson to whom it may concern.....July 1, 1923
July 16, 1923—LOT 14 and 7½ ft. each of Lots 2, 4 and 6 Blk 33, E of Center St., Stockton. F A Reynolds to H E Vickroy...July 14, 1923
July 16, 1923—S ½ LOTS 11 AND 12 Blk 7, Sperry's Addition to Stockton. L P Hanson to Carl Nelson.....July 14, 1923
July 20, 1923—RAILROAD WATER-front warehouse, Stockton. Southern Pacific Co by Wm Riseden, assistant division engineer, to Stockton Lumber Co .... .July 16, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
July 16, 1923—LOTS 16 AND 18 BLK Jackson's Addition to Stockton. San Joaquin Lumber Co. Cptn vs Paul T Williamson.....$52.24

BUILDING CONTRACTS

FRESNO COUNTY

$5000 and Over Reported

ADDITION
MANNING SCHOOL DISTRICT, Fresno. All work for addition to school building.
Owner—Manning School District.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.
Contractor—T. C. Irvin and W. Hopkins
Filed July 19, '23. Dated July 10, '23.
As work progresses..... 75%
Usual 35 days.....Balance
TOTAL COST, $6506
Bond, $3903. Sureties, A. Pvytress and J. C. Jensen. Limit, Sept. 5, 1923. Forfeit, none. Plans only filed.

11,000 sq. ft. paving, 14c macadam; 30c asphalt cement; Selma, Fresno Co.; owner, S. P. Co.; contractor, California Constr. Co., 52 2nd St., San Francisco, and Fresno; filed July 14, 1923; dated, ——.
ENGINE house, $15,400; No. Santa Fe Ave., Fresno; owner, City of Fresno; contractor, Jolly & Jolly.
HOTEL and store building, fireproof, $6300; Fresno and G Sts., Fresno; owner, — Rampaniandol; contractor, Joe Lo Forti, 2067 Cley St., Fresnoa.
ALTERATIONS and additions, $7000; No. 1130 H St., Fresno; owner, Kutner-Goldstein, 1801 Mariposa St., Fresno; contractor, Trewhitt & Shields Co., Rowell Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
July 14, 1923—LOT 17 BLK 6, Blvd. Gardens No. 2, Fresno. E C Rickman to whom it may concern.....June 12, 1923

July 14, 1923—LOTS 7 AND 8 BLK 44, K. B. Heights, Fresno. Virginia N Ryle to whom it may concern.....July 14, 1923

July 18, 1923—NE 50 FT. LOTS 29 TO 32 Blk 162, Fresno. Victor — Cox to whom it may concern.July 11, 1923

July 19, 1923—E 15 FT. LOTS 17 & 18 Blk 7, Fresno Heights, Fresno. C J Simpson to whom it may concern.....July 17, 1923

July 19, 1923—LOT 92, Scandinavian Col. S J Brum to Piffer & Son.....July 1, 1923

July 20, 1923—LOTS 38 AND 39 BLK 1, Torrance Terrace, Fresno. H E Guynn to whom it may concern.....July 18, 1923

July 20, 1923—LOTS 40 AND 41 BLK 1, Fresno. E D Guynn to whom it may concern.....July 18, 1923
July 20, 1923—LATS 41 AND 42 BLK 75, Sierra Vista Add No. 4 and Lots 35 and 36 Blk 2, High Add No. 4, Fresno. J A Schlotthauer to whom it may concern.....July 18, 1923
July 20, 1923—W ½ LOT 18, Normal Villa, Fresno. Paula F Hoffman & E S Burney to whom it may concern.....July 19, 1923
July 21, 1923—LOTS 42 41 & 42 BLK 74, Sierra Vista Addition, Fresno. A M Weyrick to whom it may concern.....July 20, 1923
July 21, 1923—NO. 3219 TULARE ST., Fresno. Vincent Pedelabourde to Louis Cereghino & Con.July 20, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
July 14, 1923—LOTS 7 AND 8 BLK 18, College Park, Fresno. H W Osborn vs Grantin H Brown.....$51
July 16, 1923—LOTS 17 TO 22 BLK 81, Fresno. Bert M Greenwood vs Davison Electric Co et al.....$95
July 16, 1923—LOTS 12 AND 13, Sec 16⅔ of Lot 11 Blk 74, Fresno. Bert M Grenwood vs Davison Electric Co et al.....$90
July 16, 1923—LOTS 7 TO 10 in Lot 27 Blackstone Villa, Fresno. W Cavender vs Wm McCarter and W J Ross (assigned by Cavender to A A Dorfmeier).....$587
July 16, 1923—W ½ LOT 4 BLK 14, Hazelwood. Valley Lumber Co vs H B Zeronian and A Rustigian..$864
July 16, 1923—LOTS 7 AND 8 BLK 18, College Park Add'n, Fresno. Geo Coulter vs Grantlin H Brown....$90
July 21, 1923—W ½ LOT 4 BLK 14, Hazelwood. Hollenbeck - Bush Planing Mill Co vs A Rustigian and H B Zeronian.....$1136
July 21, 1923—LOTS 9 AND 10 BLK 3, Torrance Terrace, Fresno. Routt Lumber Co vs Watkins & Deardorf.....$671
July 21, 1923—LOT 4 BLK 14, Hazelwood. Carpenters Hardware Co vs Arakel Rustigian et al.....$129
July 21, 1923—LOT 4 BLK 14, Hazelwood. King-Johnson Co vs H B Zeronian.....$321
July 21, 1923—LOT 4 BLK 14, Hazelwood. Hansen Iver vs H B Zeronian and Arakel Rustigian.....$559
July 21, 1923—LOT 4 BLK 14, Hazelwood. A B Kazanjian vs Arakel Rustigian and H B Zeronian.....$60
July 21, 1923—W ½ LOT 4 Blk 14, Hazelwood. Prescott Brick & Lumber Co vs Arakel Rustigian and H B Zeronian.....$59
July 21, 1923—W ½ LOT 4 BLK 14, Hazelwood. Fisher Glassford Hardware Co vs Arakel Rustigian and H B Zeronian.....$304
July 21, 1923—LOT 4 BLK 14, Hazelwood. W W Elec Shop vs Arakel Rustigian.....$75

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1000 and Over Reported

STORE
PART LOT 4 BLK 21, Palo Alto. All work for store building.
Owner—Alfred J. Engle, 505 Emerson Palo Alto.
Architect—None.
Contractor—F. W. Fox, 1101 Waverly, Palo Alto.
Filed, —. Dated July 7, 1923.
When walls are up .....¼
When bldg. plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $7735
Bond, $5000; Sureties, W. P. Gray and W. S. Bigler; Forfeit, none; Limit, 90 wk days from July 13, 1923; Plans and Specifications filed.

HOUSE & GARAGES
LOTS 19 AND 20 BLK 13 SEALE ADDITION No. 1, Palo Alto. All work for house and 2 garages.
Owner—Lilian Vredenburgh, Palo Alto
Architect—Andrew P. Hill, Jr., 451 Addison, Palo Alto.
Contractor—Palo Alto Construction Co. Palo Alto.
Filed July 14, 1923. Dated June 25, 1923.
Rough plaster on $1631.75
Interior trim about complete. 1631.75
Completed and accepted 1631.75
Usual 36 days 1631.75
TOTAL COST, $6527
Bond, $3166; Sureties, John Dudfield & Joseph A. Jury; Forfeit, none; Limit, on or before 90 wk days; Plans and specifications, none.

EXCAVATING, ETC.
THAT CERTAIN BLOCK BOUNDED by 11th, 12th, Martha and Beston Sts., San Jose. Excavating, grading, and concrete work excepting reinforcing rods for two-story frame building.
Owner—Board of Trustees and Directors of the Home of the Benevolence, San Jose.
Architect — Clarence A. Tantau, 251 Kearny St., San Francisco.
Contractor—Herschbach and Sciarrino, 498 Park, San Jose.
Filed, —. Dated June 28, 1923.
As work progresses 75%%
Usual 35 days 25%
TOTAL COST, $8377
Bond, $4188; Sureties, Hartford Accident and Indemnity Co.; Forfeit, none; Limit, to proceed as fast as possible; Plans and specifications filed.

DWELLING
ON MOOREPARK AVE. near Meridian Road near San Jose. All work for one-story 6-room dwelling house.
Owner—John Gluhaich, 400 Moorpark, San Jose.
Architect—None.
Contractor—Geo. D. McCrary & Ralph J. Sharp, San Jose.
Filed, —. Dated July 17, 1923.
Frame up $1081.25
Brown plaster on 1081.25
Completed and accepted 1081.25
Usual 35 days 1081.25
TOTAL COST, $4325
Bond, none; Sureties, none; Forfeit, none; Limit, Oct. 17, 1923; Plans and specifications filed.

COTTAGE
LOTS 11 AND 12 BLK 8 CHAPMAN Davis Tract. All work for 4-room cottage.
Owner—Harvey E. Gibbs and Tracie T. Gibbs, San Jose.
Architect—None.
Contractor—W. M. Caldwell and Henry Radtke, San Jose.
Filed, —. Dated July 16, 1923.
Frame up .....¼
Rough plaster on .....¼
Start on finish wood .....¼
Receipted bills shown to owner....¼
TOTAL COST, $2505
Bond, Sureties, Forfeit, none; Limit, 90 wk days from July 16, 1923; Plans and specifications filed.

COTTAGE, 5-room, $3500; Second and Mission, San Jose; owner, H. S. Douglas.
COTTAGE, 4-room, $2500; Fuller near Delmas, San Jose; owner, Leo Sahutte.
RESIDENCE, 6-room, $6000; 9th and William, San Jose; owner, O. P. Holliday; contractor, Norman and Holoday.
COTTAGE, 5-room, $4700; 16th and Empire, San Jose; owner, Dr. A. F. McMillan, 22 Cleaves, San Jose; architect, R. T. Souther, 305 Meridian, San Jose.
ALTERATIONS, $5995; 2nd and San Fernando, San Jose; owner, Lion & Sons, 2nd and San Fernando, San Jose; contractor, H. A. Bridges, Pine and Lincoln, San Jose.
COTTAGE, 5-room, $3600; 16th nr. Empire, San Jose; owner, Dr. A. F. McMillan, 22 Cleaves, San Jose; architect, R. T. Souther, 305 Meridian, San Jose.
COTTAGE, 5-room, $3500; Atlanta nr. Bird, San Jose; owner, Wm. Regel; 945 Delmas, San Jose.
ADDITION to plant, $1000; 4th and Virginia, San Jose; owner, The Shaw Family, premises.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
July 12, 1923—PTN LOTS 8 AND 9 Blk 4, Sub of Driscoll Add'n No. 2, San Jose. Frank F Ferreira to whom it may concern.July 12, 1923
July 13, 1923—LOTS 15 AND 18 BLK 19, Reed Add'n to San Jose. Clarence Bremer to whom it may concern.....July 12, 1923
July 13, 1923—LOTS 37 AND 38 Ptn Lots 59 and 60 Wade's Sub., San Jose. John Madsen to whom it may concern.....July 11, 1923
July 13, 1923—LOTS 6 AND 7 BLK 1, Burrell Park, San Jose. F L Burrell to whom it may concern.....July 6, 1923
July 13, 1923—PTN LOT 3 BLK 91, Palo Alto. D L M Place to The Minton Co.....July 11, 1923
July 13, 1923—LOT 4 BLK 8, Rose Lawn, San Jose. G A Friedell to whom it may concern..July 13, 1923
July 13, 1923—LOT 4, Willard Tract, San Jose. Annie E Bevins to Wm Regal.....July 12, 1923
July 13, 1923—PTN LOTS 8 AND 9, Vendome Add'n, San Jose. Cyril A McGraw to Hastings Bros.July 13, '23
July 14, 1923—PTN LOT 3 BLK 71, Palo Alto. Marie Goddard to whom it may concern.....July 13, 1923
July 14, 1923—PTN LOT 1 BLK 50, Palo Alto. Arthur Wagner to Brickey & Da Mant.....July 12, 1923
July 14, 1923—PTN BLK 84, City of Palo Alto. Mathilda Wagner to whom it may concern....July 5, 1923
July 16, 1923—PTN LOT 1 BLK 96, Palo Alto. Roy Peterson to whom it may concern.....July 14, 1923
July 16, 1923—LOT 11 BLK 31, Seale Add'n No. 2, San Jose. William A Roberts to E Zimmerli..July 14, 1923
July 16, 1923—LOT 4 BLK 30, C. Freyschlag's Sub., San Jose. Laura V Harter to Frank Peres.July 16, '23
July 17, 1923—LOT 14 BLK 11, Lendrum Tract, San Jose. W B Reese to whom it may concern..July 77, '23
July 17, 1923—PTN BLK 95, Palo Alto. W H Guernesy to whom it may concern.....July 16, 1923
July 17, 1923—LOT 4 BLK 14, Hanchett Residence Park, San Jose. Irving Bob Knickerbocker to A M Elliott.....July 17, 1923
July 17, 1923—NO. 74 S-FIRST ST., San Jose. Herold Shoe Co to Megna & Newell.....July 7, 1923
July 17, 1923—LOT 10 BLK 21, Montgomery and Rea Sub., San Jose. Monica Anderson to W A Hinds.....July 5, 1923
July 19, 1923—LOT 4 BLK 10, Evergreen Park, San Jose. Helen M Davis to whom it may concern.....July 18, 1923
July 19, 1923—PTN LOT 1 Rhodes Court, San Jose. C A Caswell to Chas Collins.....July 16, 1923
July 19, 1923—LOT 'E" BLK 7, Palm Haven. Clyde Alexander to whom it may concern.....July 18, 1923
July 19, 1923—LOT 19, Willard Tract, San Jose. R P Biaggi to whom it may concern.....July 5, 1923
July 19, 1923—LOT 11 Morrison Sub., San Jose. A M Whiteside to whom it may concern.....July 18, 1923
July 19, 1923—LOT 11, Sierra Park, San Jose. A M Whiteside to whom it may concern.....July 18, 1923

July 19, 1923—PTN LOT 2 BLK 5, R 8 S City of San Jose. A M Whiteside to whom it may concern.....July 18, 1923
July 19, 1923—LOT 16, Sierra Park, San Jose. A M Whiteside to whom it may concern.....July 18, 1923
July 19, 1923—LOT 9, Sierra Park, San Jose. A M Whiteside to whom it may concern.....July 18, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
July 12, 1923—LOT 29 HYDE RESIdence Park, R. J. Chapman vs. Fred S. Clark and Stella S. Clark.....$57
July 12, 1923—LOT 29 HYDE RESIdence Park, Glen L. Ullom vs. Fred S. Clark and Stella S. Clark....$70.90
July 13, 1923—LOT 29 HYDE RESIdence Park. C. J. Ullom vs. Fred S. Clark and Stella S. Clark....$102
July 13, 1923—LOT 29 HYDE RESIdence Park. Sani-White Products Co. vs. Fred S. Clark and Stella S. Clark $80
July 18, 1923—LOTS 9 & 10 BLK 21 Cook & Branham Addn to San Jose. W. A. Hinds vs. Monica Anderson and Anton Anderson $381.53
July 19, 1923—LOT 29 HYDE RESIdence Park. Henry Cowell Lime & Cement Co. vs. Fred S. Clark..$69.03

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
July 12, 1923—LOT 11 BLK 69, Naglee Park Tract, San Jose. C V Brown to Gladys D and Carl F Di Fiore.....$900.30
July 19, 1923—LOT 2 BLK 14, Hanchett Park, San Jose. Thomas H Williams to J S and Alice Seeley.....$163.43

BUILDING CONTRACTS

SAN MATEO COUNTY

GARAGE
EDGECOURT, Pope Property, Hillsborough. All work for two-story garage.
Owner—George A. Pope, Hillsborough.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor—Frank H. Boring, 514 Santa Inez St., San Mateo.
Filed July 18, '23. Dated July 17, '23.
Frame up $3244
Brown coated 3244
Completed 3244
Usual 35 days..... 3245
TOTAL COST, $12.977
Bond, none. Limit, 75 working days. Forfeit, none. Plans and specifications filed

POWER HOUSE, ETC.
BAY SHORE All work for rebricking two sterling boilers (power house).
Owner—Southern Pacific Co.
Architect—None.
Contractor—T. J. Thory & Sons, Inc.
Filed July 17, '23. Dated June 28, '23.
1st payments..... 25%
2nd payment 25%
TOTAL COST, $—
Bond, $1500. Surety, United States Fidelity & Guaranty Co. Limit, 60 days. Forfeit, none. Specifications only filed.

RESIDENCE, $2500; E Bernice — N H St., Lot 10 Blk 55 Sub., San Mateo; owner, E. Button, 620 4th Ave., San Mateo; contractor, W. Kromquist, 819 5th Ave., San Mateo.
RESIDENCE, $3000; C and Poplar Ave. Lot Per. 6 Blk 22, Sub., San Mateo; owner, Mrs. A. H. Mason, 519 North D St., San Mateo; architect, Wm. Watson Jr., 19 E-Carl Ave., Burlingame; contractor, Wm. Watson & Son, 1036 Balboa Ave., San Mateo
RESIDENCE $7000; Lot 13 Blk "B" Haywood Park, San Mateo; owner, Frank Johnson, 316 North C St., San Mateo; contractor, Hamer & Hultcerg, 321 Tilton Ave., San Mateo.
DWELLING, $3500 B St., Lot 13 Blk "Q" Haywood Park, San Mateo; owner, C. B. Huyett, San Mateo; contractor, G. A. Adams, Burlingame.
RESIDENCE, $3000; E St., Lot 15 Blk 3, San Mateo; owner, Frank Pickensey, 54 Ellsworth St., San Mateo; contractor, J. Sorrenson, 40 Peninsular Ave., Burlingame
DWELLING, one-story frame and garage, $4000; Lot 15 Blk 11, Burlingame Grove, Lincoln Park, Burlingame; owner, Henry East, 140 Bellevue Ave., Burlingame.
BUNGALOW and garage, $5000; NW Vancouver and Broadway, Burlingame; owner, Thomas Guesso.
MOVE and add one-story, $2000; No 210 Myrtle Road, Burlingame; owner, J. Madden, Premises; contractor, M. H. Peterson, 128 Middlefield Road, Burlingame.
BUNGALOW and garage, $6000; No. 2 Occidental Ave being Lot 3 Blk 14, Burlingame Park, Burlingame; owner, Robert H. Smith, Eucalyptus Road, Burlingame.
BUNGALOW and garage, $3500; Willow Ave, being Lot 2 Blk 3 Sub Burlingame Park, Burlingame; owner, R. C. Leonard.
STORES, one-story concrete, $3000; E San Mateo Drive 200 S Howard Ave, Burlingame; owner, H. W. Regan, 136 Occidental Ave., Burlingame.
DWELLING, two-story frame and garage, $8000; Almer Road being Lot 13 Blk 8, Burlingame Land Co., Burlingame; owner, Wm. Eldred, 749 Grange Road, Burlingame.
BUNGALOW, $3000; Vancouver Ave. being Lot 11 Blk 43, City of Burlingame; owner, F. Foso.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
July 14, 1923—LOTS 15 AND 16 BLK 5, University Heights, Near Menlo Park. Margaret E Call to whom it may concern.....July 7, 1923
July 14, 1923—LOT 16 BLK "P" Mission St. Land Co., San Francisco and San Mateo Counties. Robert S Neil to whom it may concern.....July 13, 1923
July 11, 1923—LOTS 12 AND 13 BLK 11, San Carlos. Marcantile Trust Co to Ben C Zimmerman.....July 7, 1923
July 16, 1923—LOT 3, 4 AND 6 BLK 20, Redwood Highlands, Redwood. Mary Beeger to H W Arnold.....July 14, 1923
July 16, 1923—PTN LOTS 21 AND 22 Wattinglow Park, San Mateo. Dorothy Trevis and H M Bruce to the Minton Co.....July 7, 1923
July 16, 1923—LOT 2 BLK 7, Burlingame Park No 2, Burlingame. F S Chaffner to Thomas N Gesso.....July 9, 1923
July 17, 1923—LOT 15 BLK 16, Burlingame Grove, Burlingame. Gustave Jacob and Gertrude Pagles to whom it may concern...May 19, 1923
July 17, 1923—LOT 19 Burlingame Park No. 2, Burlingame. James A Nelson to whom it may concern.....April 25, 1923
July 17, 1923—N WOODSIDE ROAD, 4 miles from Redwood City. Menlo Country Club to Louis N Pollard.....July 2, 1923
July 18, 1923—NW ¼ of SW ¼ of S 9 T 3 R 5 W M. D. B. & M. Crocker Estate Co to John Domby .....July 9, 1923
July 18, 1923—LOT 11 BLK 34, Lyon & Hoag Sub, Burlingame. Lillian K and Harry Randles to whom it may concern.....July 16, 1923

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $4500; E Thirteenth St., bet. Nevin and Barrett Sts., Richmond; owner, Dr. L. St. John Hely; contractor, K. J. Henning, 1671 Box, Richmond.
DWELLING, one-story frame, $3500; W-Twenty-second St., Bet. Grant and Burbeck Sts., Richmond; owner, A. Powell, 461 11th St., Richmond; contractor, N. E. Anderson, 2030 Roosevelt St., Richmond.
DWELLING, one-story frame, $3600; W-Eighth St., Bet. Pennsylvania & Lucas Sts., Richmond; owner, N. E. Anderson, 2030 Roosevelt St., Richmond.
DWELLINGS, (2) one-story frame, $2000 each; W-Thirty-sixth St., bet. Garvin and Esmond ,Richmond; owner, Wolfe Bros., 504 Barrett Ave., Richmond.
DWELLING, one-story frame, $2900; E-Nineteenth St., bet. Barrett and Roosevelt Sts., Richmond; owner, S. Bianchi, 532 19th St., Richmond; contractor, N. E. Anderson, 2030 Roosevelt St., Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., AUGUST 4, 1923

Published Every Saturday
Twenty-third Year No. 31

Schumacher

Office
210 American National Bank Building

Permanence
Economy

Wall

Warehouses
San Francisco Oakland

Appearance
Comfort

Board

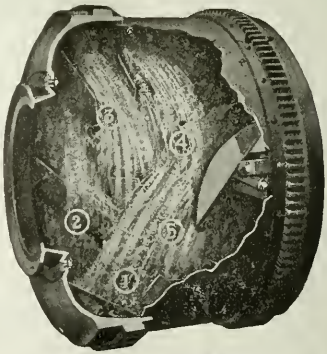
For Sale by all Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., AUGUST 4, 1923 | Twenty-third Year No. 31

BUILDING and ENGINEERING NEWS

No. 818 Mission Street.
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

BUILDING COSTS UP 200% IN EIGHT YEARS

Due to a timber famine in eastern and central states, lumber and paint for a five-room house, which in 1915 sold for $883, is now listed at $2900, an increase of more than 200 per cent, according to a report prepared for the Federated American Engineering Societies by Colonel W. B. Greeley, Chief of the United States bureau of forestry.

As a result, the author concludes, houses in the United States, particularly in agricultural districts, are becoming small and inferior in quality.

Urging as a remedy the reduction of waste in the use of lumber and the use of idle acres as woodland, Colonel Greeley asserts that soft wood is being cut eight times as fast as it is being replaced and hard wood trees as fast. Seventy-five per cent of all timber cut is not being replaced, he says.

ROCHE HARBOR LIME FIRE LOSS $750,000

Damage estimated at $750,000 was done by a fire July 28, which destroyed the plant and wharves of the Roche Harbor Lime Company at the north end of San Juan Island, Seattle. The Hotel De Haro and the cottages of more than 100 lime plant workmen were saved by dynamiting a wooden trestle that threatened to carry the flames to the residence section.

Building Tie-Up Threatened Due To Mounting Costs, N. Y. Survey Shows

GUARANTY TRUST COMPANY OF NEW YORK SURVEY

A menacing condition in the building industry, as a result of much greater demand for construction than could be met with the available materials and labor, has furnished an outstanding example of the stability which arises in an industry when comparative costs reach or threaten to reach prohibitive levels. Relief from such aa condition may be effected gradually or through a drastic curtailment of activity and sweeping readjustment of prices.

Concerted efforts are being made by representatives of the several interests most immediately concerned to bring about a reasonable degree of stabilization in this industry. If they succeed, the resulting benefits will be shared by all classes of business.

Some effects of these efforts are seen in the postponement or abandonment of contemplated undertakings which had not been contracted for. In addition, considerable work that had reached the contract stage has been deferred, and, in some cases, work already under way has been suspended.

No immediate marked recession in material or labor costs, however, was to be expected. A large volume of really urgent construction is under way. And the momentum of construction activity in a period of generally sustained prosperity precluded the probability of a collapse of prices in response to such moderate relaxation in demand.

Inasmuch, however, as the primary aim of the various elements represented in the movement to forestall a breakdown in the industry is stabilization, with a view to its wholesome effect upon the general business situation, the stability of prices of the principal building materials in recent weeks is in line with the objects sought.

Building is a key industry, and upon conditions in this field depends in large measure the probability of sustained business activity in general. Products of forests, fields, mines and quarries, the fabrication, transportation, and assembling of these products, and the equipment and furnishing of completed structures—altogether these affect more or less directly practically every branch of industry.

The willingness of representatives of the various interests most directly concerned—including producers and distributors of materials, contractors, owners, credit institutions, and workingmen—to co-operate in a program for stabilization is noteworthy. This collective action is significant, not merely because of its immediate salutary influence upon business, but because of its potential contribution to a long-time constructive program for mitigating or preventing the economic distress resulting from recurrent periods of business depression. Here may be provided a demonstration on a large scale of ability of present-day economic organization, where foresight is coupled with courageous action, to escape come of the usual untoward consequences of business expansion.

The organized efforts now being made to forstall a threatened sharp reaction in the building industry emphasize the need for constructive action that may have a stabilizing influence of a permanent character, as well as for the present emergency.

A more nearly even distribution of building operations throughout the year, for example, is desirable. Labor costs especially are increased by the seasonal lay-off or part-time activity. But extreme fluctuations could be reduced. Mush indoor work that could be done in winter is undertaken when the pressure upon labor and material supplies is greatest.

In the larger centers, renting contracts for residential occupation are so timed as to accentuate the peaks of activity. In many cases, no doubt, the costs which a uniform "moving day" entails outweight its supposed advantages.

Some of the limitations upon apprenticeship and upon the output of workers in the building trades are harmful; they run counter to the long-time interests of the workers themselves. If the present emergency results in making this fact more generally understood and in the partial elimination of such abuses, there will be a gain for every interest concerned.

The greatest benefit to be expected, however, from a reasonable degree of stabilization in the building industry at this time would be its demonstration that prosperity and generally intense activity in other lines of industry as well may be so controlled by voluntary action as to avoid a culmination in sudden collapse and a subsequent depression.

HIGHWAY ENGINEERS TO STUDY OTHER STATE'S TYPE BUILDING

In quest of information with regard to the types of roads adopted in other states, Robert M. Morton, state highway engineer and Thomas E. Stanton, assistant highway engineer, left Sacramento July 26 on a two weeks' inspection trip which will carry them through Oregon and parts of Washington.

Morton and Stanton are being accompanied on the trip by Herbert Nunn general manager of the Contractors' Association of Northern California and former state highway engineer of Oregon. The inspection will require two weeks.

Road officials of Oregon and Washington will meet the party at various points and guide them over some of the prize roads of the northwest. In addition to securing whatever information that is available in an engineering way for new construction, it is the purpose of the Californians to gather such material as will enable them to make a comparison of the wearing qualities of the highways built by the different states.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The Sugar Pine Lumber Company has been authorized to increase its capital stock from $2,000,000 to $2,500,000. According to the certificate filed with the county clerk at Fresno, there will be 25 thousand shares of stock issued, 15 thousand of which will be common and 10 thousand preferred The stock has a par value of one hundred dollars a share. At a meeting of the directors of the corporation, held June 18, last, the increase was voted. Directors are Arthur H. Fleming, president, D. Binford, secretary, J. P. Hemphill, E. H. Cox and R. C Gillis.

The West Side Lumber Company, Sonora, Calif., has increased its capital stock from $1,500,000 to $4,500,000 with shares at $100 each. Amended articles of incorporation were also filed by the concern as the West Side Properties company, organized under the laws of California. The following five directors are: J. R. Prince and son, Geo. W. Johnson, Wilmer DeWitt and Ivar C. Ekman The principal place of business is Tuolumne and the capital stock is $750,000 with shares at $50 each.

Bids for the sale of 680 acres of timber land covered with about 18,000,000 feet of fir, cedar and hemlock, on the Olympia national forest in Washington, will be opened August 10, according to Fred E. Amas, assistant district forester in charge of timber sales at Portland, Ore., offices. Prices asked by the government for this timber are $2.50 per thousand board feet of fir, $3.25 per thousand for cedar and 50 cents for all other species.

The report of the Hydraulic Steel Company for the quarter ended June 30, 1923, shows net profits of $74,993 after expenses, taxes and interest charges. Gross sales were $1,963,889 and after deducting expenses, production costs, interest on borrowings there was an operating profit of $141,488 Interest and miscellaneous deductions were $66,495, leaving net profit of $74,993.

Seven bricklayers employed by the San Francisco Department of Public Works in sewer construction, have requested that department for a wage increase from $10 to $11 a day. The request was presented by J. S. Mazda, business agent of their union, who declared that the increased seepage of gasoline made the work of the bricklayers more trying and more hazardous.

An expenditure of at least $286,000 between now and July 1, 1924, is contemplated for the further completion of the Veterans' Hospital at Palo Alto, according to Frank E. Leslie, commanding officer at the instituution. Of the total amount, $50,000 will finance repairs and alterations to the old hospital group.

Bids to construct the $400,000 tunnel under the Ferry Loop at the foot of Market street, San Francisco, will be asked by the State Board of Harbor Commissioners early in August, according to Frank G. White, chief engineer. The cost will be borne by the City of San Francisco, the State and the Market Street Railway Company.

The U. S. Civil Service Commission announces an examination will be held September 5-6 for the position of Architectural Draftsman to fill vacancies in the Department Service and in the field, at entrance salaries ranging from $1,500 to $2,000 a year, plus the increase of $20 a month allowed by Congress. Competitors will be rated on the following subjects: Drawing and design; free-hand drawing; ornament and projection; building materials and construction; training and experience.

More iron and steel will be made in the next generation, if the present ascending rate of production continues, "than have ever been made since man appeared on earth," Eugene C. Grace, president of the Bethlehem Steel Corporation declares. "The prospect," he said "invites, as never before, improvements, however small, in processes and materials."

The Berkeley City Council will appoint a committee in the near future to formulate a program for the acquisition of a chain of parks and playgrounds. The committee will be empowered to draw a resolution, to be presented to the council, for a bond issue to meet the costs.

The Tulare County Building Trades Council has requested the State Corporation Department for authority to issue $100,000 worth of stock to finance construction of a labor temple in Visalia. The site for the structure will cost $25,000, the remaining $75,000 will erect and furnish the structure.

The Oakland Paving Company has leased two industrial sites, 2 acres in Tidewater avenue and 2 acres at the foot of Adeline street, Oakland, and will spend approximately $60,000 in establishing asphalt and concrete mixing plants.

During last month the Prudential Insurance Company loaned throughout the country nearly $8,000,000 on dwellings and apartment houses which will provide homes for over 2600 families. Since January first this company made loans totaling over $27,000,000.

Construction has been started by the Pacific Gas & Electric Company on the east portal of the proposed 20,000-foot tunnel that is to be part of the diversion canal from the Pit River to Pit No. 3 Power House.

The Butte Valley Irrigation District, Siskiyou County, has called an election for August 16, to vote bonds of $594,000 to finance construction of works in the district.

C. H. Gray, for the past three years secretary of the Contractors' Association of Northern California and manager of the Contractors' Indemnity Exchange and Contractors' Insurance Agency, auxiliaries of the association, has severed his connection with the organization, having resigned July 1. Mr. Gray has opened an office in San Francisco to carry on a general surety bond and insurance brokerage business, specializing in the business of general contractors in northern California.

ALONG THE LINE

David W. Davis, commissioner of the U. S. Reclamation Service, will make an inspection tour of western reclamation projects in September. He expects to visit at Orland, Klamath and the Newlands project in Nevada, particularly the latter, in an effort to speed up activities on the Spanish Springs reservoir. Commissioner Davis will be accompanied by Chief Engineer F. E. Weymouth. It is possible the two will take in the Iron Canyon project, although this has not been definitely settled.

E. C. Hemmings, Sacramento Architect, has been commissioned by the Elks Lodge of that city to prepare plans and specifications for the proposed club and lodge building to be erected by the lodge at Eleventh and J streets, Sacramento. Before starting working drawings, Architect Hemmings left July 28 for Eastern points to investigate various buildings erected by the Elks' Lodges with a view to incorporating the latest features in the Sacramento structure.

Ralph Beebee, Oakland harbor engineeer, announces he will submit his resignation to the city council in the immediate future to accept a position with a private concern which plans extensive improvements on the Oakland waterfront, Beebee, however, will remain in the employ of the city until plans are further advanced on the Oakland harbor project for which the city council proposes to submit a bond issue to finance.

Burt A. Heinly, formerly secretary to Wm. Mulholland, chief engineer of the Los Angeles water department, and for a number of years secretary and manager of the Western Willite Road Construction Co., has been appointed secretary of the Los Angeles harbor committee of two hundred, formed by leading business men to work for the development of Los Angeles harbor. His headquarters will be in the Central Bldg.

Charles D. Blaney of Saratoga, chairman of the original California Highway Commission and leader in the good roads movement, died in Lane Hospital, San Francisco, July 24. Blaney was born in Chicago and came to California in 1882. He was appointed to the Highway Commission by Governor Johnson in 1911.

Kaiser Construction Company of Oakland plans the establishment of a gravel pit on the Arthur Holm property in the Mocho creek west of Livermore. Approximately $75,000 will be expended in improvements and the purchase of equipment.

The Federated Bodies of Humboldt County is formulating plans to outline a system of improved roads. A committee has been appointed to submit a report.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

SACRAMENTO CIVIC BODIES TO DISCUSS WAGES

While the Sacramento Builders' Exchange has not yet heard from any of the civic and commercial bodies whose advice was asked regarding the demand in the building trades for a higher wage scale, it became known that plans are in contemplation for a general meeting of all these bodies to consider the matter when the several bodies have heard from their committees and have taken action. It is anticipated that in this way the financial and property interests will present a solid front on the question of wage scales.

The Builders' Exchange has made public a comparative table setting forth the wages paid in the building trades here, in other towns and an average of wages in 61 American cities; also the wages which have recently been asked by the several unions of Sacramento.

According to these figures, the following showing is made:

Bricklayers—Present scale, $10.15; asked, $11; average on coast, $10.30; average of cities, $9 68.

Carpenters—Present scale, $8.35; asked, $9; average on coast, $8.14; average of cities, $7.24.

Cement finishers—Present scale, $8.35; asked, $9; average on coast, $8.65; average cities, $7.32.

Electric workers — Present scale, $9.25; asked, $10; average on coast, $8.40; average of cities, $7 52.

Hoist engineers—Present scale, $9.25; asked, $10; average on coast, $8.45; average of cities, $7.48.

Hod carriers—Present scale, $7.40; asked, $8; average on coast, $7.71; average of cities, $5.20.

$5.75; average of coast, $4 65; average

Laborers—Present scale, $5; asked, $5.75; average of coast, $4 65; average of cities, $3.75.

Painters—Present scale, $8.35; asked, $9; average of coast, $8.08; average of cities, $6.95.

Plasterers — Present scale, $1.15; asked, $11; average of coast, $1.68; average of cities, $9.48.

Plumbers—Present scale, $.25; asked, $10; average of cost, $9.15; average of cities, $8.27.

Structural steel workers—Present scale, $9.15; asked, $10; average of coast, $8.70; average of cities, $7.95.

GRANITE MEN ELECT OFFICERS

J. D. McGilvray, president of the Granite Manufacturers of the West, at the fifth annual convention held in the Palace Hotel, San Francisco, was re-elected president of that organization. Other officers elected were: First vice president, J. Stephens, Los Angeles; second vice president, E. V. Evans, Petaluma; secretary, E. A. Wisenburger, Colma, and treasurer, Max Roth, San Francisco.

The new board of directors comprises James Sampson, San Diego; Henry Holmes, Pasadena; Ben Woodhull, Stockton, and Walter Ghetti, San Jose.

Wm. F. Breuer, secretary-manager of the Master Plasterers' Association of Alameda County, has joined the ranks of the men who must have an alibi on retiring late in the evening. Breuer was married July 30 to Miss Marion Wilcox, an Oakland girl.

SAN FRANCISCO BUILDERS PLAN FOR ANNUAL OUTING

Rapid progress is being made to arrange a program for the 1923 Builders' Day Outing to be held by the San Francisco building fraternity at Capitola-By-The-Sea, September 1st, 2d and 3d.

J. B. Crowe, secretary of the Outing Committee, announces the appointment of the following members of the San Francisco Builders' Exchange as a Committee on Arrangements:

Wm. J. Feary, chairman; Steve Guerin; Emil Hogberg; Clarence F. Pratt; Chas. Monson; Art Smith; C. J. Hiliard and Wm. Bateman.

"This event will be one of the biggest affairs ever held by the San Francisco construction interests," says J. B. Crowe, Secretary of the Outing Committee. "Every organization having a direct connection with the building fraternity will be invited to attend in a body or will be requested to have a delegation in attendance. Every possible effort will be made to arrange a program to make every minute of the three-day event a busy one."

STOCKTON BUILDERS HOLD INTERESTING MEETING

The Stockton Builders' Exchange held an interesting meeting July 27 with President O. H. Chain, presiding.

Through the courtesy of Fred A. Ferroggiaro, assistant vice president of the Bank of Italy, A. W. Hendrick, manager of the Central Real Estate Loan department of the Bank of Italy, and vice president of the California Joint Stock and Loan Bank delivered an interesting address on "Building Loans" which was given undivided attention of the members present.

T. A. Scadden, of San Francisco, gave an interesting address upon the subject of "Compensation Insurance—Its Purpose, Protection and Value" which was directed to the contractors and other employers who needed the protection of this form of insurance.

"Asbestos Products" was the subject of an address delivered by R. E. L. Flournoy, with the Johns Manville Company. He was introduced by Robert Ingils, manager of the San Joaquin Lumber Company, the Johns Manville representatives in Stockton.

Bart Meehan, a member of the exchange, gave an interesting talk on the use of rock, sand and gravel and extended an invitation to those present to visit his plant near the Tracy foothills.

Following these speakers, a luncheon was served under the supervision of Karl Perkins, Secretary of the Exchange.

The Master Plumbers' Association of Reno, Nevada, will picnic at Bowers' Mansion, Reno, Sunday, August 5. Swimming and dancing in addition to vrious games will complete the amusemets. The last meeting of the Association was addressed by F. J. Tollberg of the Crane Company and Mr. Peterson of the American Radiator Company, both of San Francisco.

BUILDERS' EXCHANGE OF ALAMEDA COUNTY PLANS NEW HOME

A splendid office building, to house its own headquarters staff and to provide office space for its members, and for contracters and architects and others interested in the building trade, is to be erected in the near future by the Builders' Exchange of Alameda County.

It is announced that a site has been purchased for the purpose on the location ,which will be designated as the northwest corner of Hobart and Webster streets, after Hobart street is cut through from Broadway to Webster.

The dimensions of the site are approximately 100 by 125 feet. A special building finance committee presided over by T. D. Sexton, has charge of the operations and the building location committee which selected the site is composed of E. M. Tilden, president of the Exchange; Robert Smith, T. D. Sexton, L. C. Fraser and George Jamieson.

The new building will contain a large assembly hall and space for a permanent exhibit of building materials.

HOME TALENT IS AIM OF L. A. BUILDERS

At a meeting of the executive committee of the Builders' Exchange of Los Angeles, a resolution was adopted declaring "that it be the sense of the Builders' Exchange that architects of Los Angeles be commissioned to prepare designs, plans and specifications for all city public buildings, confident that the local architects' fraternity includes members qualified and equipped to design any building of any magnitude, creating a monument of artistic beauty and durability, fitting recognition and enhancing local pride."

BUILDING EXHIBIT PLANNED

Arrangements are being completed by the Contra Costa County Builders' Exchange, with headquarters in Richmond, for a building material exhibit in the new exchange quarters recently dedicated.

The exhibit is being arranged by R. W. Timmons who declares it will be one of the most complete displays in the East Bay Section. A feature of the exhibit service, according to Timmons, will be the convenience offered the interested public in having an attendant in constant charge to explain every product as regards quality and price.

PAINTERS GRANTED RAISE

The Sacramento Master Painters' Association, at a meeting held in the Sacramento Builders' Exchange quarters July 30, voted to grant the demand of the journeymen painters and have started paying the advanced scale of $9 a day on all new contracts. The old scale of $8.35 will prevail on all work that was previously contracted for.

Matters touching upon the latest phases of the Sacramento labor situation were discussed at the meeting. It was stated that in the other trades the advanced scale does not prevail so generally, but that a large portion of the journeymen are given a bonus to cover the new full scale.

NEVADA STATE HAS ROAD REPORT SERVICE

A new service to the public just inaugurated by the Nevada State Highway Department is a biweekly report of road conditions over the entire state highway system. These reports are secured without additional cost, through requiring the various resident engineers, maintenance men and survey parties, who are engaged on work throughout the state, to report on the condition of the highways, both improved and unimproved, in their vicinity. Inasmuch as many of these men daily pass over the sections on which they report and are so situated that they can secure immediate and correct information on the remaining sections, the department feels that this service will be of great assistance to the traveling public during the heavy touring season. The information obtained will be furnished upon request and without cost to any individual, newspaper, touring bureau, or automobile club interested in securing same.

ALL-IN-ONE PLUMBING COMPANY IS BANKRUPT

An involuntary petition in bankruptcy has been filed in the Federal Court at Sacramento against the All-In-One Plumbing Company of which C. C. Holzell of Sacramento is manager. The petition was filed by three San Francisco creditors.

The schedule of assets and liabilities of the company were not filed with the petition, but it is estimated by Sheridan Downey, attorney for the bankrupt, that the assets will total $100,000 and the liabilities $200,000.

Named as creditors in the petition are the Architect and Engineer, Inc., of San Francisco, L. F. Butcher & Co., San Francisco, and the California Paint Co. of Oakland.

Under capitalization is blamed for the failure of the concern, which, it is declared by Downey, has been manufacturing at a profit. The company haa been in operation in this city for about eighteen months, and during that time the volume of business has been such that the company has been unable to handle it on its available capital.

PAINT SPRAY COSTS

Data collected by the duPont Company on a recent job where a large manufacturing company had the interior of their plant sprayed with dulite showed that on the second floor, (38,529 square feet), for the first coat 125 gallons of dulite undercoating were used, covering 308 square feet to the gallon. For the second coat, 85 gallons of dulite enamel were used, covering 545 square feet to the gallon.

Cost of labor; sq. yd.	$ .03
Cost of material; sq. yd.	.055
Total cost; sq. yd.	$ .085
Total cost; sq. ft.	$ .0095

SALE ORDERED

District Judge Bartlett, (Reno, Nevada), has entered an order for the sale of the property of the Standard Metals Company to satisfy outstanding debts aggregating $200,000. The property is located on Peavine Mountain, sixteen miles northwest of Reno, and was the subject of considerable activity and market manipulation about two years ago. The entire holdings, including the mill and mine equipment, scores of Pittsburg, Pa. creditors filed are valued at $30,000. Thirty Reno and scores of Pittsburg Pa. creditors filed claims against the corporation.

S. F. Building For July Totals $3,227,115

San Francisco building operations for the month of July, just closed, totals $3,227,115, according to Chief Inspector of Buildings John P. Horgan of the Department of Public Works. During the month 733 building permits were isued of which 280 were for new structures, the balance of the operations being for alterations, additions and repairs to standing structures.

Compared with the figures for the same period in 1922, the operations of the past month show a gain of $203,079. In 1922 a total of 595 building permits were issued by the Department of Public Works.

July, 1923, activities are summed up as follows:

Class	No. of Permits	Est. Cost
A	2	$ 360,000
C	24	1,040,750
Frames	253	1,320,293
Alterations	453	482,472
Harbor bldgs.	1	23,600
Total	733	$3,227,115

Operations for the past seven months are submitted for comparison:

	No. of Permits	Est. Cost
January	718	$ 3,205,811
February	782	3,278,676
March	977	3,229,572
April	954	5,173,801
May	948	4,928,986
June	868	4,213,346
July	733	3,227,115
Total	5980	$27,257,307

ELECTRIC POWER SHOWS OUTPUT INCREASE

The Geological Survey reports the average daily production of electricity by public utility power plants during May as 149,400,000 kilowatt hours, a slight increase over April. An examination of the total daily output for 1923 indicates increase in demand for electricity for five months about balanced the usual seasonal decrease in the use of electricity for the month. In 1922 there was marked increase in demand in May compared with April. Figures of production for June will probably be an indication of the demand that may be expected during the summed and fall. It is hardly to be expected however, that the demand during the remainder of 1923 will increase as rapidly as during the same period for 1922

From January 1 to May 31 of this year there was an increase of nearly 24 per cent in production of electricity as compared with the production for same period in 1922. Water power is taking an active part in the production of electricity at present, as more than 41 per cent of the total output in May was produced in hydro-electric plants.

Average daily production of electricity for the first five months of 1923 and the proportion produced by water power was as follows: January, 153,300,000 kilowatt hours, 34 per cent; February, 154,400,000 kilowatt hours, 33.9 per cent; March, 152,500,000 kilowatt hours, 36.3 per cent; April, 149,100,000 kilowatt hours, 39.9 per cent, and May, 149,400,000 kilowatt hours, 41.1 per cent.

JUNE PRODUCTION OF PORTLAND CEMENT

June production of Portland cement was about 12,400,000 barrels, according to figures just compiled by the United States Geological Survey. Although this represents a decline of about 500,000 barrels from the record output of May, it nevertheless establishes a new high mark for the month of June by about 10 per cent. Production for the half year ending June 30, was more than 62,300,000 barrels—an increase of 33 per cent over the best previoua record for a similar period.

June Shipments from the mills amounted to 13,308,000 barrels, or slightly under those of June last year, and about 7 per cent less than in May of this year. Shipments for the first six months of this year were 62,226,000 barrels as against 48,029,000 in the corresponding period last year.

Stocks of cement in manufacturers' hands at the end of June were 9,219,000 barrels—a delcine of approximately 9 per cent from those at the end of May.

DEVELOPMENT OF STATE'S WATER RESOURCES IS RAPID

That activity in development of the water resources of the State is still proceeding at a rapid pace is evidenced by the large number of applications to appropriate water which have been received by the Division of Water Rights, State Department of Public Works, during the fiscal year which closed June 30, 1923.

All appropriative water rights in California are now initiated through application to the Division, and the number being received is a very good index to the rate at which new hydroelectric power, irrigation, mining and water supply developments are being proposed.

During this fiscal year 580 applications for permit were made to the Division a greater number than ever received in a like period since the creation of the office. These applications contemplate the use of 106,000 cubic feet of water per second, and the storage of 35,800,000 acre feet, at a total estimated cost approximating $125,000,000. Under them it is proposed to irrigate 4,600,000 acres and develop 3,000,000 theoretical horsepower, in addition to use by a number of mining and municipal water supply projects.

Up to July 1, 1922, a year ago, there had been received by the Division of Water Rights a total of 2923 applications, of which 978, or 33%, were still awaiting approval or rejection. Those received during the past year brought the total number received up to 3,499. In spite of the large number of applications coming in, the number awaiting action has been reduced to 870, or 25% of those received to date.

Up to a year ago the number of applications awaiting action had steadily increased, the largest number of actions during any fiscal year having been 376, during 1921-22. The number acted upon last year, 689, showed an increase of 83% over this figure. Work in disposing of these pending applications has been speeded up by the Division during the past six months in contemplation of a reduction of its personnel during the coming biennium.

POTASH IN 1922

The Interior Department announces that returns received by the Geological Survey amounted to 25,176 short tons of crude potash salts containing 11,714 short tons of actual potash (K20). The sales amounted to 22,028 short tons of crude potash containing 11,313 tons of (K20) valued at $463,512. About 30,000 short tons of crude potash were held by the producers December 31, 1922.

CONSTRUCTION PROJECTS ARE REPORTED

Definite plans have been made for the reconstruction of Coplapo, Vallenar, and the rest of the zone in the north of Chile recently destroyed by earthquakes, according to advices to the Department of Commerce from Assistant Trade Commissioner W. E. Embry, Santiago. The Chilean Government has delegated the authority for the financing and supervision of this work and a commission of engineers has been instructed to decide upon the methods to be employed in the reconstruction.

According to an Executive Decree published in El Diario Official of May 18 a concession has been granted for the construction and operation of a railway from Puerto Montt, the southern terminus of the Chilean State Railways, to Puerto Toledo, situated at the junction of the Maullin and Gomez Rivers. The railroad will be of meter gauge and approximately 40 kilometers in length, Consul S. Reid Thompson, Consepcion, Chile, reports to the Department of Commerce.

Port Works in Chile

An Executive Decree published in a recent number of El Diario Official fixes January 3, 1924, as the date for the opening for the construction of the Port of Lebu, for which purpose the sum of L930,000 has been authorized. The concession for the operation of the port will be awarded on the conditions set forth in the plans of the Chilean Ports' Commission, which may be consulted at the Chilean Consulate, New York City.

Buildings in Paraguay

It is expected that work on two buildings for the Colegio Internacional of Asuncion, Paraguay, will be started in the near future although the plans for the structures have not been completed as yet. The cost of the work is estimated at approximately $100,000.

Reservoir for Belfast

Reports state that the Belfast Water Commissioners have contracted for the construction of reservoir in the Mourne Mountains, County Down, for the purpore of augmenting the present water supply of the city of Belfast. It is understood that work will be started immediately on this project and it is expected that it will be completed within six years at an approximate cost of L980,000, says Consul Henry P. Starret, Belfast, Ireland, in a report to the Department of Commerce.

FRESNO MAN PATENTS COMBINED DRAINBOARD AND SINK APRON

William F. Muir, of Fresno, formerly proprietor of the Fresno Marble & Tile Company, has just been issued a patent by the United States patent office for an improvement in combined drain boards and aprons for sinks.

Muir's invention is a combined drain board and apron formed of metal and enameled to suit the taste of the householder, and his improvement consists chiefly in making the same a unit or knock down construction, with water tight joints between the various units, which may be easily and quickly assembled and positioned for use. He claims that his devices can be produced and installed at a considerable saving over the present tile or composition drain boards; will far outlast the same, in fact are practically indestructible. Muir is making arrangements to manufacture and place his invention on the market at an early date.

Other San Joaquin inventors who have just been issued patents are:

Waldo W. Burgin, Lodi: Check valve.

James C. DeLaney, Porterville: Automatic control for motors.

Vital Pellissier, Merced: Controlling device for drawn implements.

Mining Engineers to Meet in Canada

Mining engineers from this and other countries will make their summer pilgrimage next month to the heart of Canada's mineral riches. The 128th meeting of the American Institute of Mining and Metallurgical Engineers, it is announced in New York City, will be held August 20 to 31 in Ontario and Quebec. The meeting will be attended by a delegation from the San Francisco Local Section of the Institute.

L. H. Duschak, 1014 Hobart Building, is chairman of the Executive Committee of the San Francisco Local Section, and Robert A. Kinzie, 402 First National Bank Building, is vice chairman. The secretary-treasurer is C. H. Fry, 625 Market Street.

With the cooperation of the Ministers of Mines of Ontario and Quebec and of the members of the Canadian and American Institute of Mining and Metallurgical Engineers, the vast mineral wealth of this region will be placed on exhibition. The program includes visits to leading mines and technical sessions at which prominent engineers from many sections of the country will describe the developing problems of mining and metallurgy.

Petroleum and gas will be among the principal general subjects of the technical sessions, which are to be held in Montreal. The geology of Santa Elena oil fields, Ecuador, will be discussed by Joseph H. Sinclair of New York, and Prof. Charles P. Berkey, of Columbia University. Other papers will be presented by A. F. Meston of New York and Oliver U. Bradley, of Muskogee, Okla.

At the iron and steel sessions, papers will be presented by H. H. Lester of the Watertown Arsenal, C. Baldwin Sawyer, Cleveland, O.; Prof. Richard S. McCaffery and Prof. Joseph F. Oesterle, University of Wisconsin; C. E. MacQuigg, Alexander L. Feild and Ancel St. John, New York; H. A. Schwartz, H: R. Payne and A. F. Gorton, Cleveland, and L. N. Brown, Detroit.

The geology session includes papers by C. E. Wuenach of Chicago, Sherwin F. Kelly, Lawrence, Kans., and G. W. Bain, East Orange, N. J.

"Helium, a National Asset" will be discussed by Richard B. Moore, late chief chemist of the U. S. Bureau of Mines, Washington, at the session on mining, other speakers at which will be A. B .Calhoun, Burma, India; Graham Bright, East Pittsburgh, Pa., and S. P. Holt, Bingham Canyon, Utah.

Another session will be devoted to milling and metallurgy, the speakers being Arthur Crowfoot, Merenci, Ariz.; George G. Griswold, New York; and H. E. T. Haultain, University of Toronto. Motion pictures illustrating mining operations will be displayed by Mr. Haultain and F. C. Dyer of the University of Toronto.

The activities of the engineers begin at Toronto on Monday, August 20, the visitors being the guests of the City of Toronto and of Toronto mining men. Films of mining operations in northern Ontario will be shown. A Toronto committee is headed by Thomas W. Gibson.

From Toronto the engineers go to Sudbury, where they will be received by a committee headed by John L. Agnew, of Copper Cliff. The Creighton Mine, the Soniston smelter, the Copper Cliff smelter and the British-American Corporation will be visited.

The Creighton mine of the International Nickel Company was opened in 1900 and has produced approximately 10,000,000 tons of ore carrying about 1.5 per cent of copper and 4 per cent of nickel. The main orebody is a mass of pyrrhotite, chalcopyrite, and pentlandite. It is estimated, according to the officials of the American Institute of Mining and Metallurgical Engineers, that there are about 12,000,000 tons of profitable ore within the boundaries of some 50,000,000 tons of the total estimated reserves.

The engineers will spend August 22 and 23 at Cobalt. Hugh Park is chairman of the Cobalt committee. Mills at Coniagas, Mining Corporation, Nipissing and O'Brien will be visited. There will be an examination of underground and surface geology, and papers on geology, mining and smelting will be read.

On August 24, the engineers will proceed to Kirkland Lake, and take in the Kirkland Lake, Teck-Hughes, Lake Shore, Wright-Hargreaves and Tough Oakes mines. On the following day the paper industry at Iroquois Falls and the Porcupine District will be visited. On August 27, the engineers will leave for Quebec where they will spend Tuesday, August 28, in viewing points of interest. Typical French Canadian villages, architecture, and farms will be seen in a journey to Montmorency Falls and Ste. Anne de Beaupre. Wednesday, August, 29, will be spent at the Thetford mines and dressing plant. On August 30 and 31, the technical sessions will be held in Montreal. An elaborate social program has been arranged in Montreal, including a banquet on the evening of August 30 at the Mount Royal Hotel to be attended by leading engineers of the United States and Canada.

Delegates from the Local Sections of the Institute in all parts of the country will attend the Montreal meeting. A large contingent, headed by the president, E. P. Mathewson, will go from New York.

"The average man of the street if asked what minerals of commercial value were found anywhere near New York," Secretary F. F. Sharpless of the Institute said, "would phobably answer, 'Coal and possibly some iron.'

"It is scarcely realized by the average citizen that within twenty-four hours' ride from New York, just a short distance north of the Lakes, lie the deposits from which nearly all the nickel of the world comes; then, on a little further to the northeast, the richest silver mines that the world has ever known are still producing, though they have passed their palmy days; and then again a little further to the northwest we come to what promises to be one of the most interesting gold developments of the present century.

"The Hollinger mine is today probably the most important gold producing mine of the world. Near it are the highly profitable Dome and McIntyre mines. In the vicinity active development is going on with the prospect that other properties will be of importance if not as of great value as those already opened. Then passing on to the east down into Quebec, there are the asbestos mines which are today furnishing the bulk of the asbestos being imported into this country.

"The Porcupine Gold District and the country lying to the east of it are attracting considerable attention at present and the American engineers whose duty it is to advise in respect to them will take this opportuunity to familiarize themselves a little further with the districts that are daily referred to in the public press."

PUBLICATIONS

Highway contractors' trucking equipment is featured in the following four bulletins of the Lee Trailer, and Body Company of Chicago: No. 82 describes dump bodies for the Ford truck; No. 87 describes their rectangular shaped and end dump bodies for all motor trucks larger than the Ford; No. 80 describes these same bodies but equipped with center divisions for hauling proportioned batches on concrete paving work; No. 55 describes their large-sized hopper bodies for big trucks, this type being used mainly for hauling wet mixed concrete. Their Road Building and Paving Contractors' Hand Book is a valuable and useful book and may be obtained by writing to the above address

"Door-ways," an attractive monthly manual of interest to the architect, builder, manufacturer, and hardware merchant, published by the Richards-Wilcox Manufacturing Company, Aurora, Illinois, devotes its June issue largely to modern school facilities. It gives particular attention to folding partitions by means of which classrooms may be converted from large to small, or vice versa, at will.

Several new bulletins, featuring excavating equipment, have recently been issued by the Pawling & Harnisferger Company of Milwaukee. Their 58-X bulletin feature the lamshell, dragline, orange peel, backfiler, crane hook, electric-magnet and pile driving rig with which their excavators may be equipped. 8he 16-X bulletin features trenching machinery.

The George Haiss Manufacturing Co., Inc., 141st street and Rider avenue, New York City, has issued an interesting folder, "How Haiss Truck Loaders Make Road Building More Profitable." The company claims that by use of this truck loader the contractor can do road work so much more cheaply than by hand shoveling that he can either take a longer profit, or underbid competition.

"Snapshots of the Austin Line" is the name of a pamphlet issued by the Austin Machinery Corporation of Toledo. It features their mixers, pavers, road tampers and finishers , asphalt plants, trench machines, and several other pieces of equipment. Specifications of the various machines are also given.

A very attractive catalog has recently been issued by the J. S. Mundy Hoisting Engine Co. of Newark, N. J. It is clearly illustrated and describes their steam, electric and gasoline equipment, their mining, dredging and logging engines, and their marine auxiliaries, derricks, cableways and pile drivers.

A pamphlet on "Austin General Purpose Mixers" has recently been issued by the Austin Machinery Corporation of Toledo, Ohio. It gives illustrations and specifications of their various power and hand-operated mixers.

The "Western Elevating Grader," made by the Western Wheeled Scraper Company of Aurora, Illinois, is described in their Bulletin 23-D. It is primarily a tractor-grader to be used with heavy tractors on heavy work.

Various kinds of Pile Driving Machinery are described and illustrated by the Vulcan Iron Works of Chicago in their new catalog No. 50.

Residence Building Heavy

Forty-five per cent of all contracts awarded from January 1 to June 1 have been for residential building. This percentage is obtained by considering $1,522,943,400 worth of awards of which $690,786,200 valuation is residential The following tabulation shows the classification of contracts awarded:

Classification	January 1 to June 1, 1923 No. of Projects	Valuation
Business	5,668	$ 210,005,000
Educational	1,029	118,730,400
Hospitals	215	22,684,400
Industrial	1,843	158,965,100
Military	20	932,900
Public Buildings	174	6,727,800
Public Works and Public Utilities	4,293	239,199,300
Religious	584	28,088,100
Residential	*32,529	690,786,200
Social	592	46,833,700
Total	46,947	$1,522,953,400

*57,092 buildings.

The above figures, taken from F. W.sent awards from twenty-seven states. Dodge Corporation's tabulation, repre-

ASBESTOS INDUSTRY IS QUIET IN 1922, SURVEY SHOWS

In 1922 the domestic asbestos industry of the United States came to a standstill according to a statement from the Department of the Interior through the Geological Survey. Only 67 short tons of all varieties of asbestos, valued at $10,120 was produced in 1922, as compared with 831 tons, valued at $336,968, in 1921, and 1648 tons valued at $678,231, in 1920.

The Arizona field is the most promising in the United States. The industry there was developed rapidly from a small initial production in 1914 to its maximum in 1920, when it supplied asbestos worth 96 per cent of the total value of the domestic asbestos marketed. This great increase was due to a steady rise in the price of "crudes" which reached a maximum late in 1920 and early in 1921. In 1921 the general business depression greatly decreased the demand for asbestos and prices fell continuouslythrough out the year. In 1922 the plight of the Arizona miners was made worse by a further decrease in prices, due in part, to keen competition with chrysotile from Rhodesia. The prices of "crudes" during the last five months have been remarkably constant, No. 1 Canadian being quoted at $500 and No. 2 at an average of about $290. Each of these prices is about 80 per cent higher than the pre-war figures.

Information received from several sources indicates that there will probably be increased activity in mining asbestos in Arizona in the second half of 1923. Many deposits have been located within the San Carlos and Fort Apache Indian reservations, which were thrown open for entry only in 1921. Some of these deposits are under lease from the Bureau of Indian Affairs and have been partly developed. Outside the reservations there are several deposits, which have been extensively developed but on which operations were suspended In 1922.

One of the chief difficulties in marketing Arizona asbestos has been the work of bringing the producer and the consumer together. To assist in this work the Geological Survey made a canvass of the stocks of Arizona asbestos on hand and for sale on May 22. The returns show that on that date there was ready for shipment 312 tons of "crudes," distributed as follows: No. 1 (including some 1A), 77½ tons; No. 2, 194½ tons; No. 3 (including some No. 4), 40 tons. Some of these stocks were in lots as large as 130 tons and one included as much as 90 tons of one grade.

DOUGLAS FIR IN BRITISH WARSHIPS

In one of two large battleships now building for British Navy, Douglas fir has replaced teak, according to advices received by U. S. Department of Commerce, presumably because it is much lighter in weight in comparison to its strength.

No statistics are available as to total quantities of lumber which go into British shipbuilding, but one of largest shipbuilding concerns in United Kingdom has kept accurate statistics of proportion of lumber used by them, and it is probable that these proportions obtain generally in shipbuilding trade. About 60% of lumber used by this company for shipbuilding comes from United States, Canada, and Central America.

About two-thirds of this amount (or 40% of total) comes from United States, and consists chiefly of southern yellow pine 18%; Dougls fir, 4%; redwood 7%; poplar, 3%; spruce, 6%; oak and walnut, 2%. The 40% which does not come from North America Continent comes chiefly from Northern Europe and British East Indies, latter principally being teak. Southern yellow pine and Douglas fir are used mainly for decking, cants, runners, and door standards, redwood, poplar and spruce for general joinery w*rk, framing,etc Spruce is generally obtained in form of deals from Canada.

S. F. CITY MANAGER WANTED IN THE EAST

Norfolk, Va., wants a San Franciscan to manage its affairs and is willing to pay him $20,000 a year for doing it.

That is the substance of a letter received by Mayor Rolph from the Atlantic port. The mayor, however, acknowledges that he does not know of any individual who is willing to leave the breezes of the Pacific for those of the Atlantic, and he has called on the newspapers to help the Southern city out of its dilemma.

Norfolk had a competent city manager in C. E. Ashburner, but only recently a California city—Stockton—enticed him away with an offer of $20,000 a year. After Ashburner received the Stockton offer, Norfolk citizens guaranteed him an equal amount to remain, but he told the Virginians that he did not care to enter a building contest and started for California. Now Norfolk wants to even up matters and take a $20,000 a year man away from San Francisco.

TRADE NOTES

The Portland Cement Association announces the appointment of J. R. Fairman as district engineer in charge of a new association office just opened in Birmingham in the Jefferson County Bank Building. This office will have charge of association activities in Alabama. Mr. Fairman is an engineering graduate of the University of Missouri, and prior to joining the association staff was engaged in various structural and highway engineering capacities. For eighteen months during the period 1917 to 1919, Mr. Fairman was major of engineers U. S. Army, in overseas service. Since entering the employ of the association nearly three years ago, Mr. Fairman has been association field representative in Kansas and Missouri.

Mr. Elcock joined the staff of the Portland Cement Association in April, 1914. During 1915 he was division engineer in charge of association work in Colorado, Utah, Wyoming and Idaho. In 1916 he was appointed district manager in charge of the Atlanta office. He has been continuously with the association since joining the staff, excepting for two years spent in the army during the war as major of infantry.

Association District offices have recently been opened in New Orleans, Jacksonville, Birmingham and Memphis. These offices, as well as one to be established in Raleigh, will increase the effectiveness of service to users of cement and concrete in Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi and Louisiana.

The Standard Conveyor Company, manufacturers of conveying machinery, as well as pneumatic tubes for factories and stores, with its main plant in Minneapolis, has opened a distributing warehouse in Oakland, at the northeast corner of First and Franklin streets.

Provision will be made in the new John Bruener plant, now under construction in Oakland, for the manufacture of mattresses and upholstered furniture, according to an announcement of the Manufacturers' Committee of the Oakland Chamber of Commerce.

Tarter, Webster & Johnson, Inc., manufacturers of lumber boxes and veneer, have opened temporary offices in the Sequoia Hotel, Fresno. The company operates three mills at Stockton, Dorris and Bray. Joe B. Roulhac will represent the company in Fresno.

Scott & King, Seattle representatives of the Road Builders Equipment Company of Portland, formerly located in the L. C. Smith Bldg., Seattle, have moved to 313 First Avenue South, Seattle.

The Portland Cement Association announces the appointment of Walter B. Elcock as assistant general manager in charge of the southeastern offices of the Portland Cement Association.

Lindgren & Swinerton, Inc., general contractors, have moved from the Monadnock Bldg., to the 6th floor of the Standard Oil Building, Bush and Sansome streets, San Francisco.

Mr. Elcock's headquarters will be as heretofore at the Portland Cement Association office in the Hurt Bldg., Atlanta.

U. S. Building is 36.5 per cent Ahead of 1922

Building permits issued throughout the United States during the first half of 1923 were 36.5 per cent ahead of the same period in 1922. Permits issued in June this year, however, were only 2.3 ped cent ahead of the volume issued in June, 1922, and were 10 per cent less than in May of this year.

These figures, which indicate a slowing up of building activities as compared with the unprecedented development of the earlier months of the year, are based on official returns made to S. W. Straus & Co. from 255 principal cities and towns.

The Eastern States gained 24 per cent for the six months period, 4.4 per cent over June, 1922, and 5.2 per cent over May, 1923. The Central States gained 47 per cent for the half year period, but in June showed a loss of 8.7 per cent from June, 1922, and a loss of 27.4 per cent as compared with May this year. The Southern States gained 48.5 per cent during the first half of this year, but in June lost 10.3 per cent compared with June, 1922, and declined 24.7 per cent from May this year. The Pacific Coast States gained 52.5 per cent for the first six months of this year. Their permits in June were 32.1 per cent ahead of June, 1922 and 1 per cent ahead of May this year.

The 225 cities reported total building permits for the first six months this year of $1,706,642,084, compared to $1,-250,276,260 for the first six months of 1922, the gain being $456,365,824. In these cities building permits amounting to $250,959,452 were issued in June this year, which compared with $245,-249,537 for June, 1922, a gain of $5,709,-915, but a loss of $28,832,071 as compared with May.

While in June there was a tendency toward conservative activities throughout the country, this was far from the case in New York City, which not only gained $91,751,904 or 27.3 per cent during the first half of the year but showed a gain over May this year of $17,-483,319 or 43.7 per cent and an increase of $7,939,434 or 18 per cent over June last year. Permits issued in New York for June were $57,383,003 and for six months were $427,362,342.

Of the 225 cities reported in the national monthly building survey and S. W. Straus & Co., 130 showed gains over June, 1922, 92 gained over May this year and 182 showed gains for the first six months of 1923 compared to 1922.

The following table shows the building permits issued in the 20 principal cities of the United States during the past six months compared with the same period in 1922:

Atlanta .....$	2,540,178	$ 1,374,516
*Baltimore ...	2,713,140	2,658,480
Boston	4,042,264	4,432,566
Buffalo	2,097,000	2,265,000
Chicago	17,683,550	26,576,850
Cleveland	4,020,900	6,608,825
Dallas	1,648,155	1,533,046
Detroit	9,731,824	8,274,184
†Indianapolis	2,750,000	2,289,941
Kansas City, M	2,981,705	2,758,200
Los Angeles...	15,074,446	10,652,265
Milwaukee ...	2,450,354	2,345,198
Minneapolis ..	2,611,215	2,041,116
New Orleans..	1,397,125	1,238,025
New York....	57,383,003	49,443,569
Manhattan .	25,227,926	19,472,496
Brooklyn .	18,749,749	15,247,010
Queens	7,238,797	9,431,720
Bronx	5,159,920	4,614,784
Richmond ..	1,006,611	677,559
Philadelphia .	8,370,875	13,180,220
Pittsburgh ...	3,650,015	4,210,193
San Francisco	4,213,346	3,336,701
Seattle	5,230,445	2,892,030
St. Louis.....	2,905,865	2,436,755
Totals .....$	156,245,404	$150,557,679

*Twenty per cent has been added by Building Department for undervaluation.

†Official estimate.

1922 WAS HOME BUILDING YEAR, SAYS LABOR REVIEW

The year 1922 evidenced a great improvement in the housing situation as shown by the building permits issued in the principal cities of the United States, the data on which the article on building conditions is based being collected from 272 of the 288 cities in the country having a population of more than 25,000, says the July issue of the Monthly Labor Review. The building program for 1922 shows that a great effort was being made to relieve the housing shortage as there was a large increase both in the number of buildings planned and in the number of families to be housed. The number of families provided for in the 1922 program amounted to about 380,000, approximately 150,000 more than were cared for by the buildings erected in 1921. Residential buildings formed 51.6 per cent of the total in 1922, while the cost of residences was placed at 64.6 per cent of the total estimated cost of all new buildings. The average cost of a one-family house was estimated at $4,208, which was slightly less than in 1920 but more than the average cost in 1921. An interesting point brought out in the study is the increase of multi-family houses over the one-family house, the total number of families in one-family dwellings having fallen from 58.3 per cent in 1921 to 47.7 per cent in 1922.

The Sun Portland Cement Company, is spending approximately $1,000,000 in construction and equipment of a cement plant at Lime, Oregon, five miles west of Huntington, Oregon.

TESTS OF CANADIAN WOOD STRENGTHS NOW AVAILABLE

The question of the relative strength of different woods very frequently arises in manufacturing, engineering, building and many other branches of modern industry, and decision as to the kind of wood to be used for a particular purpose is often based on mere opinion, guesswork or figures of doubtful reliability. There is no necessity for this state of affairs so far as Canadian timbers are concerned, as the strengths of all native commercial woods have been extensively investigated at the Forest Products Laboratories of Canada (Dominion Forestry Branch), Montreal, where authorative information on the subject is on record.

The testing of timber for strength has been revolutionized in recent years, and uniform methods are now in use at the government research laboratories in India, United States, Canada and elsewhere. These methods, which may be regarded as standard, cover every phase of the operation, from the selection of the timber in the woods to the recording of the results of the various tests. Timber testing is only one of the functions of the Forest Products Laboratories of Canada, but the extent of their investigations in this particular direction is indicated by the fact that upwards of 45,000 tests have been made during the past eight years.

WANT A STREET CAR?

Leonard S. Leavy, city purchasing agent, will sell at public auction, Monday, August 6, twenty-four old Union Street cars of the single track type. The cars are no longer required by the city for the Municipal Railway System.

Manufacturers Eliminate Concrete Mixer Sizes

A big step toward the standardization of concrete mixers has been taken. A sub-committee of the Associated General Contractors Committee on Construction Equipment, made up of manufacturers, contractors and engineers, has decided on the recommended standards that will govern the manufacture of the non-tilting type of mixers. This program will be passed on to the American Engineering Standards' Committee for a formation of American standards, and will henceforth govern the entire industry.

A similar meeting will be held during the latter part of this month, when manufacturers of the tilting type of mixer will get together with the contractors. Standards for that type of mixers are then expected to be decided. At this meeting the subject of the 4S size of non-tilting building mixer will be discussed, and if a tilting type is adopted that will take the place of the former, then that type of mixer will be finally discarded.

Elimination of Sizes

Practically the most important feature in the program of the recent meeting was the elimination of unnecessary sizes of non-tilting mixers. A perusal of the accompanying text of the adopted document of standards will reveal the finally accepted sizes of both building mixers and roadbuilding mixers. Three sizes of building mixers were tentatively adopted, with a provision that a fourth, and possibly a fifth, might be added later if conditions should necessitate. The 7-S, 14-S, and 28-S were those definitely retained.

The 4-S will not be added unless the tilting type list does not afford a substitute. The 21-S, about which there was considerable discussion, will not be added unless a referendum of contractors, for which provision has been made, dictates that it shall be retained. This size is one that is frequently used on big jobs because of the fact that its capacity of three-quarters of a yard of mix makes it a convenient machine on some work. The A. G. C. will get in touch with its membership and find out how many wish to retain this size. If sufficient demand is thus uncovered there will be on question about the necessity for adding that size to the list.

The manufacturers claim that for ¾-yard size is usually made so far oversize that it nearly approaches the 1-yard mixer in capacity, and that inasmuch as the cost of manufacturing the one is about equal to that of the other, and as sentiment apparently favors the 1-yard mixer, it would be wise to drop the smaller size in favor of the one that gives the greater output. Then there is the theoretical consideration of having to split a sack of cement in some mixes with the ¾-yard machine, for some feel that there is danger in this practice.

Two manufacturers held out for the smaller size, however, as it happened to be a particular leader in their lines. One of these agreed to discontinue it, in spite of that fact, if everyone else would do the same. The referendum should settle the matter.

Following is the list of standards agreed to at the Chicago meeting, and which will be passed on by the higher authorities. It was unanimously adopted, after all revisions has been made, June 29, 1923.

Concerning the various items involved in the standardization of concrete mixers, the Joint Committee on Construction Equipment, in session with the manufacturers of horizantal drum paving and building mixers, has approved the following as standard for these types of mixers:

1.—STANDARD OF MEASUREMENT:

(a) The standard of measurement of drum capacity shall be the cubic foot. It is recommended that water shall be used as a medium of measurement.

(b) The standard for water tank measurement shall be the United States standard gallon.

(c) The rating of boilers, steam engines, and gas engines shall be referred to the American Society of Mechanical Engineers for advice, and the subject of electric motors shall be referred to the A. I. E. E.

2.—METHOD OF MEASURING DRUM:

(a) The water level capacity of the drum standing still shall be used as the capacity of the drum.

(b) The size of mixer shall be designated by the number indicating the nominal rating of the mixer according to its capacity in cubic feet of mixed concrete.

3.—RATING OF DRUM:

(a) The water level capacity of horizontal non-tilting drum type mixers opening at both ends shall be between the maximum of 107 per cent of the nominal capacity or rating and the minimum of 102 per cent of the nominal rating. The minimum figure herein provided will be subject to revision by the American Society of Mechanical Engineers and the American Engineering Standards Committee.

(b) The water level capacity of the horizontal non-tilting drum type opening at both ends, but having its discharge opening closed during mixing action, shall be 50 per cent of the nominal capacity or rating.

(c) The maximum operating grade to be considered in the rating of pavers is 5 per cent.

4.—TABLE OF AGGREGATE PROPORTIONS: (Steering Committee.)

A standard table of aggregates from authoritative sources shall be adopted and published by the manufacturers. This table will give the quantities of mixed concrete for the various proportions of mix with certain percentages of voids in the mixed aggregate and certain quantities of water. The standardization Steering Committee shall furnish the table.

5.—STANDARD SIZES OF MIXERS:

(a) There shall be three sizes of paving mixers manufactured, namely, the 7-E, the 12-E and the 21-E.

(b) There shall be three sizes of building mixers manufactured with the addition of a fourth contingent upon a 21-S being desired by a majority of contractors as indicated by a referendum of the A. G. C. These sizes will be the 7-S, the 14-S, and the 28-S, with a possible addition of the 21-S. Action on sizes smaller than 7-S shall be subject to future modification in accordance to the action taken by the conference of the manufacturers of the tilting type of mixers.

6.—STANDARD TABLE OF BATCHES:

A standard table of batches derived from the table provided for in Subdivisions 4, "Table of Aggregate Proportions," shall be adopted and published by the manufacturers. This table will show the size of batch of various proportions for each standard size mixer. The Standardization Steering Committee shall furnish the table.

7.—METHOD OF MEASURING DRUM SPEED:

(Double opening non-tilting drum only)

The speed of the drum shall be measured in terms of the peripheral speed in feet per minute of the center of mass of the water level contents when the drum is stationary. Both this speed and the R. P. M. shall be given the manufacturer. (It is recommended that state and municipal departments specify the peripheral speed as here defined instead of the R. P. M.)

8.—STANDARDIZATION OF MIXER EQUIPMENT:

Building Mixers

(a) Extension power loaders shall be eliminated.

(b) Water tanks shall be rated on the actual amount of water discharged into the drum. Mixer shall be equipped with tank of sufficient size to deliver the indicated amount of water per batch, as follows: 7-S tank, 12 gallons; 14-S tank, 22 gallons; 21-S tank, 32 gallons, and 28-S tank, 42 gallons. Tanks shall withstand a working pressure of 150 pounds per square inch. One tank shall be standard, while a second tank may be furnished as an extra. Water supply connections shall be furnished as follows: On the 7-S mixer a ¾-inch garden hose nipple shall be furnished; on a 14-S mixer, a 1¼-inch standard iron pipe; on the 21-S, a 1½-inch standard iron pipe; and on the 28-S, a 2-inch standard iron pipe shall be furnished.

(c) Discharge control on one side only shall be standard, but may be furnished on both sides as an extra.

(d) Skips shall be made with closed ends.

(e) Standardization of wheels shall be referred to the Concrete Mixer Association for further investigation and report.

(f) Power discharge shall be eliminated as standard, but manufacturers may furnish the same on the 28-S mixer as an extra.

Paving Mixers

(a) Only full caterpillar tread or four wheels shall be used on 12-E and 21-E machines, and four wheels only on 7-E machines.

(b) Water tanks governed by the conditions stated above shall be furnished as follows:

7-E tank, 12 gallons; 12-E tank, 22 gallons, and 21-E tank, 32 gallons. One tank only shall be furnished on each machine as standard, but the manufacturers may supply a second tank as an extra Connections for the 7-E tank will be a 1¼-inch standard iron pipe; while the 2-inch standard iron pipe shall be furnished on the 12-E and the 21-E mixers.

(c) Maximum width of skip 4 feet from end shall be 100 inches.

(d) Power steering control shall be used in full. Caterpillar and hand-steering on four-wheel machines.

(e) Hand-power boom-swing only shall be used.

(f) Maximum speed of travel of mixer shall be 1½ miles an hour, and minimum, ½ mile an hour.

(g) The batch transfer derrick shall have a reach of 14 feet from center line of machine as standard.

Both Building and Paving Mixers.

(a) Engine tools only shall be furnished on the 7-S. On the 14-S, the 21-S, the 28-S, and on all paving mixers the manufacturer shall furnish all necessary special tools and a kit of standard tools to be agreed on by the Manufacturers' Committee.

(b) An auxiliary hoisting drum may be furnished only on the 7-S as special equipment.

9.—SHAFTS AND GEARINGS:

The sizes of shafts, keys, keyways and gears and the composition of gears shall be referred to the American Society of Mechanical Engineers for recommendation as to procedure in standardization.

10.—STANDARDIZATION OF POWER

The question of standardization of power with reference to requirements for different machines shall be referred to the A. S. M. E. for advice as to proper procedure.

11.—SAFETY DEVICES:

All working parts shall be guarded in accordance with the requirements of state laws. Paving mixers shall be provided with safety devices to protect men when skip is being lowered.

12.—STANDARDIZATION OF NAMES OF PARTS:

The nomenclature of the Concrete Mixer Association with additions by the Committee of Seven to bring it up to date shall be adopted as standard.

13.—NAME PLATE:

A name plate giving the tentative standard rating of the machine, its capacity for different proportions of mix, and such other data as may be later determined shall be affixed to each machine. (It is recommended that pending adoption of American standards, the plate shall state that the machine meets the tentative standard A. G. C. requirements as approved by the Joint Committee of Manufacturers and Contractors.) A committee of three manufacturers shall pass on the plates and the manufacturers must obtain the right of using this plate from the A. G. C.

14.—PRINCIPLES OF LUBRICATION, BEARINGS AND ANTI-RUST PAINT:

The manufacturers shall fully, effectively, and honestly set forth in their printed matter information on the principles of lubrication, care and composition of bearings and material, and the use of anti-rust paint as employed in their machines.

WHOLESALE LUMBER TRADE IMPROVEMENT CONTINUES

The improvement in the wholesale lumber trade, begun late in June, continues and the more conservative among distributors state that business is fully normal for this time of the year, says the American Lumberman. These distributors point out that it is only in comparison with the abnormally heavy trade transacted last winter and spring, when conditions were dislocated and unique, that the present movement can be called lethargic, but that it is in reality good, when it is considered that July and August usually are the slowest months in the year. Retailers in most cities continue to sell large quantities of lumber and look forward to increasing business as summer draws to a close. Though big construction jobs probably will in most instances be held over, they expect enough home building, as long as open weather prevails, to keep the demand strong. Country dealers regard the fall outlook as promising, for although grain prices have dropped to the lowest level of recent years, a big harvest seems asured and should bring enough money into the farmers' pockets to cover needed building and repair work. Meanwhile, retailers remain cautious in their commitments and, although more of them than recently are buying for stock purposes because they believe prices have declined as far as they are going to or because they fear a car shortage later on, the majority will not yet buy beyond current requirements unless they locate absolute bargains.

STEEL FURNITURE SHIPMENTS

The Department of Commerce announces June shipments of steel furniture stock goods, based on reports received by the Bureau of the Census in co-operation with the National Association of Steel Furniture Manufacturers, amounted to $1,401,900 in June, as against $1,506,072 in May, and $1,015,463 in June 1922.

The following table gives comparative figures for the first five months of 1923 and 1922:

	1923	1922
January	$1,362,470	$ 983,834
February	1,307,173	967,125
March	1,709,206	1,087,228
April	1,520,286	1,058,382
May	1,506,072	1,056,735
June	1,401,950	1,015,463

Iron Smelting Plant Looms for Sacramento

That Sacramento will become the site of the first iron smelting plant to use the Driscoll process exclusively, is considered highly probable by members of the Sacramento mines and mining bureau before which body the proposal was laid by R. C. Demarest, proprietor of the Hicks Iron Works of San Francisco, and Angels Iron Works of Angels Camp. These concerns have for many years manufactured mining machinery.

The proposal called for the construction of a 10-ton working model Driscoll furnace, installation of which will cost between $75,000 and $100,000.

No concessions are asked at the present time by Demarest, but in the event that the working 10-ton furnace is proved successful, then it is desired that the Sacramento Chamber of Commerce give its support to the undertaking and assist in the erection of a plant that will cost between $2,000,000 and $3,000,000.

Authorities believe the Driscoll process has solved the problem of smelting iron ore without necessitating coking coal.

The system embraces the use of lignite coal, which is known as a non-coking fuel While transforming lignite coal into what would ordinarly be coke, certain gas and chemicals are extracted which, in reality, make the iron a by-product, Demarest contends.

Demarest has secured rights to the process in working several large iron deposits in this section, he told the bureau.

Although the exact workings of the system have not been made public, F. W. Bunyan, superintendent of the steel works at the Southern Pacific shops at Sacramento, declares in his opinion, the Driscoll process has solved the problem of smelting iron ore without coking coal.

Demarest believes Sacramento is the logical site for his proposed plant. His belief of this is substantiated, he declares, by the fact that lignite and iron ore are available in the immediate vicinity. Another reason for his belief he told the bureau, is that water transportation facilities here afford an excellent opportunity for shipping the pig iron to the mills on San Francisco bay.

It is estimated that there is available in Yolo and Placer counties more than 30,000,000 tons of iron ore of a grade superior to that found in the Lake Superior district. It is declared lignite coal can be produced by the use of steam shovels at a cost of not to exceed 50 cents a ton.

It was pointed out at the meeting that Los Angeles will be bidding for the big smelting works, in view of the fact that the San Bernardino mountains are known to contain great deposits of iron, although of a lower grade than than found in northern California.

PACIFIC ELECTRIC CLOCK CO. MOVES TO LARGER QUARTERS

Owing to the increased demand for Electric Clock equipment in the West, the question of delays of delivery from Eastern points become a very serious factor and therefore about three years ago the Pacific Electric Clock Co. was formed with th. express idea of manufacturing a complete Electric Clock equipment on the Coast so that proper deliveries and maintainance could be handled from here.

Since then their business has expanded to such an extent as to make it necessary for them to seek larger quarters for their factory and they have now taken a large floor space on the 10th floor of the Aronson Building at 86 Third Street, which gives them very much better manufacturing facilities.

Mr. J. J Estabrook, who is President and Chief Engineer of the Pacific Electric Clock Co., was formerly Vice-President and Chief Engineer of the Standard Electric Time Co. for a period of over twenty-five years and too much cannot be said for his ability as an electric clock engineer, owing to his wide and varied experience.

This company is manufacturing a complete line of Electric and Program Clocks for School use as well as Public Buildings and are particularly equipped to handle the the engineering and manufacturing of Electric Tower Clocks, Chimes, etc. During the last three years they have put in a large number of installations, all of which have proved a great credit to the company. In addition to this kind of work, they are now putting on the market an Electric Self-Winding Time Switch, which has proven to be a great success.

Mr. C. L. Hoffman, who was formerly Secretary and Sales Manager of the Standard Electric Time Co. of California, has now joined the company in the capacity of Sales Manager, and the company in addition to its offices in Los Angeles, New York and here, is making plans for establishing offices at many other points throughout the country.

CEMENT SACKS BID ITEM IN S. P. SAVING OF $2,340,000

A used cement sack, with its certain accumulation of grimy dust and dirt, would be placed in the discard by most of us as worth little notice. It has a monetary value about equal to a thin dime.

But $40 worth of sacks are required to hold 100 barrels of cement, as that if half the sacks were destroyed or lost cost of the cement would be increased 20 cents a barrel.

Consequently, in these modern times when such large quantities of cement are used in construction work, the Southern Pacific Company finds it well worth the effort to guard against the loss even of these dust-filled sacks.

During the year 1922 a total of 280,000 sacks of cement were purchased by the Southern Pacific for distribution on its Pacific System, according to A. S. McKelligon, general storekeeper of the company. Probable double this amount will be used this year, making the "turnover" in cement sacks alone for the year range from $28,000 to $50,000.

This comprises merely one phase of the activities on the part of Southern Pacific officials and employes in the salvaging of materials and supplies. Records show that during 1922 a total of $2,340,000 was saved by the accumulation and reclamation of what ordinarily would be termed "scrap."

Such activities on the part of the railroad are aimed in the general direction of efficient operation at a minimum cost, which reflects not only to the benefit of the company but to the public as well.

At the company's shops unique machines, many of which themselves were constructed from "scrap" materials, have been developed by workmen to reclaim various articles to a state of usefulness. These machines have attracted much attention and are being duplicated by other companies.

HUGE LOAN SOUGHT TO SOLVE SPAIN'S HOUSING PROBLEM

The problem of shortage of housing accommodations has recently been given special consideration in Spain, in connection with a National Convention of Building Contractors which was held in Madrid in May. A tabular statement was prepared for this convention, says Commercial Attache MacLean in a report to the Department of Commerce, showing that the net increase in dwellings in the decade 1910-1920 in Madrid was 5,407, while the population of the city increased 210,986. An average of one house for each 26 inhabitants was constructed between 1910 and 1915, and an average of one house for 52 persons between 1915 and 1920 The situation in other cities resembles that in Madrid.

Labor troubles and high wages are said to be among the chief obstacles to new building. It is estimated that during 1920, in construction branches alone, 715,000 working days were lost in Mardid alone by strikes and lockouts. Data collected by the Institute de Reformas Sociales show an increase of 185 per cent in carpenters' labor (taking into consideration both increased wages and reduced output), while the cost of painters' labor has increased 189 per cent, stone masons' labor 190 per cent, and paper hangers' labor 144 per cent. There has also been a rise of 131 per cent in the cost of building materials.

To overcome the difficulties caused by this situation, the convention proposes an annual loan, with a mortgage guarantee, of 20,000,000 pesetas for a number of years for the purpose of new building. It is also proposed to exempt new construction for dwelling houses from municipal taxation for three years, and that the State grant certain exemptions in property transfer and stamp taxes.

FRESNO SEWER SUIT IS DISMISSED

Superior Judge C. E. Beaumont of Fresno has ordered the dismissal of the suit of the Western Reinforced Concrete Pipe Company against the City of Fresno instituted in 1918 to collect 35 thousand dollars alleged to be due for materials furnished the Coast Construction Company in the laying of the main city sewer.

The action of the court followed a hearing three weeks ago on a motion by Attorney W. H. Stammer, special counsel for the city with L. L. Cory, for a dismissal on the ground of failure on the part of the plaintiff to prosecute.

The pipe company is said to be a part in a proceeding in Los Angeles in which a receiver has been appointed and toward which about 75 thousand dollars of city funds has been deposited for settlement of the sewer bill. The city, confronted with conflicting claims on the completion of the contract, set aside funds to meet the bill, leaving to the court the problem of its distribution.

THERE ARE OTHERS

Underpaid engineers, of whom there are too many, should read the following advertisement in the New York Law Journal: "Attorney (45), American, M. A. and L. L. B. from Columbia Unuiversity, eight years' experience as managing clerk, just returned to city after absence of year and a half, desires position in first-class downtown office; thoroughly experienced in all matters pertaining to a general civil practice; willing and dependable and can work independently; good references; salary to begin $18 per week." Evidently the other professions have their troubles, too.—Engineering News-Record, New York.

CARGO TRADE IN LUMBER IS LEADING 1922

Shipments of 159,000,000 feet of lumber from Puget Sound ports in June brings the six months total to 1,366,803,000 as compared with 1,044,-777,000 feet in the first six months of 1922, according to figures compiled by the merchants exchange.

Total Washington cargo shipments for June was 214,703,000 feet compared with 184,476,000 feet in June, 1922

California received the largest proportion, getting 76,933,000 feet. The Atlantic seaboard received 43,613,000 feet while 38,861,000 feet was hhipped in foreign export.

Puget Sound district produced the greater volume during June, shipping 159,407,000 feet against the 69,925,000 feet produced and shipped by Grays Harbor and against 12,371,000 feet shipped by Willapa Harbor.

For the first 6 months of this year the Puget Sound district moved 870,-246,000 feet in cargo shipment compared with 601,403,000 feet during the first 6 months of 1922.

Grays Harbor shipped 417,391,000 feet the first six months of 1923 as compared with 378,546,000 feet for the same period in 1922.

Willapa Harbor shipped 76,166,000 feet during the six months ended June 30, against 64,828,000 feet during the same period in 1922.

Foreign export cargo shipments from the three districts totaled 54,913,-000 feet in June, 1923, which is compared with 62,616,000 feet in June, 1922. For the six months ended June 30, 328,-215,000 feet was shipped from Washington in export cargo against 278,134,-000 feet for the first six months of 1922.

Atlantic coast shipments from the three districts were 56,989,000 feet against 42,595,000 feet in June, 1922. For the six months of 1923, shipments to the Atlantic coast totaled 362,283,000 feet which is compared with 205,193,000 feet for the same period in 1922.

California shipments from Washington seaports totaled 129,801,000 feet in June, 1923, as compared with 79,265,-000 feet in June, 1922 Six months figures are 676,305,000 feet for 1923 and 461,450,000 feet during the first six months of 1922.

SAN FRANCISCO FIRM BIDS FOR GOVERNMENT TIMBER

Hutton, McNear & Dougherty, brokers of San Francisco, submitted to the government a bid for two billion feet of Sitka spruce, hemlock and other kinds of wood composing the Thomas Bay Pulp Timber Unit, depositing $10,-000 as surety.

The bid is said to be for a larger amount of timber than was ever sold by the United States forest service in one transaction from the national forests. The unit is all located to a waterpower site at Cascade Creek, 90 miles south of Juneau in the Tongass National Forest, on the mainland on the shore of Frederick Sound. The situation is almost directly on the main steamer route to the Pacific coast of the states. The timber covers 340,000 acres.

The district forest service at Juneau, Alaska, approved the tender, telegraphing it to Washington with a recommendation that a contract be made with the bidders.

F. C. Dougherty, a member of the firm bidding, announced plans for constructing ground and sulphite pulp mills and a 300-ton paper plant within thirty months of next January.

Harry Boody Morey Sr., for twenty years engaged in the cement contracting business in San Mateo County, and a resident of Menlo Park, was killed in an automobile accident on the Santa Cruz mountain road, July 26.

MATERIALS FOR BUILDING SHOW WEAKER PRICES

Slight weakening in steel warehouse quotations is beginning to appear, consequently to recent concesions in mill prices, due to lower costs of iron and a lessening in demand for steel, according to the Engineering News-Record. Dallas reports a reduction of 20cc and San Francisco, 35c per 100 lbs. on structural shapes. Plates and shapes are holding steadily at $2.50 per 100 lbs. at Pittsburgh mill on the majority of orders. Base price of bars still $2.40. Demand has been more active in plates and structurals in the last two weeks than during the two weeks preceding. Tank construction is taking the bulk of the plate business, with railroad requirements next in order of heavy buying.

The June Pig-iron output was nearly as heavy as the month preceding, despite hot weather. The third-quarter buying movement, however, is not developing according to expectations and there is a tendency to shade pig-iron prices to points but slightly above the cost of production.

Lumber prices show downward tendencies in several important centers, consequent to a falling off in demand. New York quotes a reduuction of $1 and Dallas $2.75 per M ft. on yellow pine timbers, while still heavier reductions occurred in Denver and Montreal on Douglas fir.

Linseed oil dropped 1c in Chicago, 3c in Dallas and 5c per gal, in Minneapolis and Denver, during the week.

Common brick is quoted at $20@ 21 per M. wholesale, alongside dock, New York, as against $20 since the first of the year. Cement is also firmer at $2.80 per bbl delivered, without bags. Pine lumber, however, declined $1 per M ft. on structural timbeds.

Cement advanced 11c per bbl., July 9, in Duluth, Minneapolis and St. Paul.

LOS ANGELES CONTRACTOR SUES FOR DELAY LOSSES

Winter Construction Company has filed suit in Los Angeles County Superior Court against the Hill Street Fireproof Building Co to recover $51,-032.90 for losses incurred by delays caused by the owners on the construction of the Grauman Metropolitan theatre building at Sixth and Hill Sts., Los Angeles. It is set forth in the petition that work was stopped by the owners, Sept. 12, 1921, and was not resumed until Feb. 4, 1922. During this period the Winter Construction Company was compelled to keep its equipment on the job and retain its organization in order to be in a position to carry the work to completion. The amount claimed by the construction company includes rentals on equipment and other expenses incurred during the delay together with interest. Nothing has been added for profit which the contractors lost by reason of having their equipment and organization tied up on the job. A demurrer to the suit has been filed by the defendants.

LIGHTNING PROVES DEADLY MENACE TO FORESTS

Eighty-nine per cent of all the forest fires started by lightning in the National Forests of California occur during the months of June, July and August, according to report by S. B. Show and E. I. Kotok of the San Francisco headquarters, United States Forest Service. The number of fires set per storm is said to range from a few to nearly 350 and these are concentrated in well-defined zones In the decade 1911-1920 lightning was responsible for over 41 per cent of the 10,527 fires that occurred in the National Forests of the state.

(For additional news see Page 25)

Building News Section

APARTMENTS

Completing Plans—Segregated Figures To Be Taken Next Week.
APT. BLDG. Cost, $500,000
SAN FRANCISCO, N Washington 68-9 W Gough.
Ten-story and basement reinforced concrete apt. bldg. (2nd unit) 9 apartments.
Owner—Two Thousand & Six Washington Street, Inc.
Architect — C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
The grading has been awarded to H. N. McClure, 608 Octavia St., at $2300.

SANTA MONICA, Cal—See "Theatres" this issue.

Plans Being Prepared.
APARTMENTS Cost, $20,000
SAN FRANCISCO. SE Union & Steiner Streets.
Alter three-story frame building into 4 4-room apartments.
Owner—A. Zietich, 2165 Union St., San Francisco.
Architect—Albert Fabre and Ernest Hildebrand, 110 Sutter St., S F.
SPECIFICATIONS
Exterior Finish, cement plaster; Heating, Arcola system; Furnace, gas; Roof, T. & G.

To Be Done By Day's Work.
APARTMENTS Cost, $15,000
SAN FRANCISCO, NW 2nd Ave. and Irving.
Three-story and basement frame (14) apartments.
Owner—Fred Warden, 825 Monadnock Bldg., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $14,000
SAN FRANCISCO, E Dolores St. 147 S 18th Street.
Two-story and basement frame (3) apts
Owner—Agnes Herman, 426 Oak St., San Francisco.
Contractor—Fred Miller, 225 Dolores St San Francisco.

General Contract.
APARTMENTS Cost, $125,000
SAN FRANCISCO. NW Geary and Leavenworth Streets.
Five-story steel frame and concrete apartment building (33 2-room apts.)
Owner—Miss Annie Driscol.
Architect — Sylvain Schnaittacher, 233 Post St., San Francisco.
General contract awarded to Wm. Martin, 180 Jessie St.
Other contracts will be awarded in a few days.

Contract Awarded.
APARTMENTS Cost, $28,500
SAN FRANCISCO, E Franklin 60-8 N Washington.
Three-story and basement frame (6) apartments.
Owner—Marrie Stone, 940 Jones St., San Francisco.
Architect—W. C. Mahoney, 159 Sutter St., San Francisco.
Contractor — Kincanon & Perego, 159 Sutter St., San Francisco.

Sub-Figures Being Taken.
APARTMENTS
SAN FRANCISCO, N Washington 90 E Franklin.
Three-story and basement frame (6) apartments.
Owner—Kincanon & Perego, 159 Sutter St., San Francisco.
Architect—W. C. Mahoney, 159 Sutter St., San Francisco.

Sub-Figures Being Taken.
APARTMENTS Cost, $125,000
SAN FRANCISCO, NE Washington and Franklin.
Five-story brick apt. (32 3, 4 and 5-rm. apts. with 2 baths each, roof garden, etc.)
Owner—Mrs. Grace Perego and John Kincanon, 159 Sutter St., S. F.
Architect—W. C. Mahoney, 159 Sutter St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $17,000
OAKLAND, W Wesley 125 N Excelsior Avenue.
Two-story 16-room frame apts.
Owner—Emely C. Boreneman.
Architect — Schirmer-Bugbee & Co., Thayer Bldg., Oakland.
Contractor—C. W. Short, 574 Rosal Ave Oakland.

Contract Awarded.
ALTERATIONS Cost, $7500
SAN FRANCISCO. No. 1856 Green St.
Alter flats into (4) apartments.
Owner—Woodstone.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Contractor—L. Solomon, 1435 Ellis St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $25,000
RICHMOND, Contra Costa Co., Cal Sixteenth St., bet. Macdonald Ave. and Bissell St.
Two-story brick and hollow tile apartment building (8 3-room apts.)
Owner—S. Corba, 1616 Macdonald Ave., Richmond.
Architect—Jas. T. Narbett, 910 MacDonald Ave., Richmond.
Contractor—S. B. Roberson, Richmond.

Contract Awarded.
APARMTNTS Cost, $11,000
RICHMOND, Contra Costa Co., Cal. N Cutting St., bet Stege and Pullman Sts
Two-story frame (4) apartments.
Owner—Mrs. H. Carlan, 3013 Cutting St., Richmond.
Architect—None.
Contractor—J. C. Thornton, 532 5th St., Richmond.

To Be Done By Day's Work.
APARTMENTS Cost, $16,000
SAN FRANCISCO, SE Gough and Filbert Streets.
Two-story and basement frame (8) apartments.
Owner—Chas. J. U. Koenig, 520 Church St., San Francisco.

Contractor Taking Sub-Figures.
BUNGALOW COURT Cost, $10,000
BALTIMORE PARK, Marin Co., Cal.
Frame bungalow court.
Owner—Mrs. Chas. Wilkinson.
Architect—None.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco.

Contract Awarded.
REMODEL Cost, $13,000
SAN FRANCISCO, N Clay St. 169 E Walnut.
Remodel 2 flats and attic for 5 4-room and 1 2-room apartments.
Owner—Mr. and Mrs. O. A. Pike, 3352 Clay St., S. F.
Contractor—J. W. Marsden, 507 Cole St San Francisco.

Contract Awarded.
APARTMENTS Cost, $16,000
SAN FRANCISCO, W Broderick 50 S Ellis.
Two-story and basement frame (4) apartments.
Owner—Grace F. & Wm. F. Gunnison, 1666 Golden Gate Ave., S. F.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—Wm. F. Gunnison, 57 Post St., San Francisco.

Plans Being Figured.
APARTMENTS Cost, $35,000
PITTSBURG, Contra Costa Co., Cal.
Three-story frame apartments (9 3-room apts.)
Owner—J. A. Fay.
Architect—Leonard H. Ford, 306 14th St., Oakland.
Figures are being taken for a general contract.

Construction To Start Immediately By Day's Labor.
APARTMENTS Cost $—
SAN FRANCISCO, Broadway, between Webster and Steiner.
Five-story reinforced concrete Class C apartments (2 6-room apts. on each floor).
Owner—M. Gnecco.
Architect—E. E. Young, 2002 California St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $——
RICHMOND, Contra Costa Co., Cal. NE 23rd St. and Nevin Ave.
Three-story frame, stucco and brick building with tile roof (6 3-room and 12 2-room apts.)
Owner—Burg Bros., 309 23rd St., Richmond.
Designer and Contractor—C. A. Doyle, % Burg Bros., 309 23rd St., Richmond.

Contract Awarded.
STORE & APT. Cost, $20,904
SAN FRANCISCO, 52-6 E 8th Ave.
Two-story frame store and apt. bldg.
Owner—Fred M. Kaye, 400 Clement St. San Francisco.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—D. L. Bienfield, 180 Jessie St., San Francisco.

Plans Being Figured—Bids Close Aug. 21, 1923.
ADDITION Cost $—
RICHMOND, Contra Costa Co., Cal., 322 13th St.
Add 1 story to present 1-story store bldg. for 2 4-room apts. (brick veneer and stucco with tile roof).
Owner—Spiersch Bros.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Bids are called for at the Builders Exchange in Richmond on August 21. Sub-bids will be opened at 10 a. m. and general contracting bids at 2 p. m.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
50 Gal. Bbls. $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. S.F.
Contains 60% Crude Carbolic Acid in Insoluble Form
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF.
PHONE SUTTER 5507

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

To be Done by Day's Work.
APARTMENTS Cost, $20,000
RICHMOND, Contra Costa Co., Cal.
Two-story frame (8) apartments.
Owner—K. J. Henning, Box 1671, Richmond.
Architect—None.

GLENDALE, Cal.—See "Hotels," this issue.

STOCKTON, San Joaquin Co., Cal.—Fraternal Order of Eagles, Stockton Aerie, contemplates the erection of a seven-story apartment house on its property at Stanislaus and Market Sts. Construction will be financed by outside capital, according to present plans. The structure will be divided into three and four-room apartments and will be equipped with electric elevators. Mike Conway is chairman of the Apartment Houee Committee.

LOS ANGELES CO.—See "Banks, Stores and Offices" this issue.

LOS ANGELES, Cal.—See "Theatres" this issue.

LOS ANGELES, Cal.—Roy L. Jones, 311 S Western Ave., is preparing plans for a 3-story and basement brick and frame apt. bldg. to be erected by day work by the owner on Lake St. near 8th St., for Mr. Andreani. Thirty-five apartments.

LOS ANGELES, Cal.—R. E. Fountain, 248 15th St., Santa Monica, has the contract to erect a 52-room 26-apt. bldg. at n.e. cor. Union and Acacia Aves. for H. C. Frank, 359 S Bonnie Brae St. Two-sto., 46x148 ft., frame and plas. constr., comp. and tile rfg., pine trim, oak fls., wall beds, tiled baths, water htrs., gas rads.; cost $60,000.

FRESNO, Fresno Co., Cal. — P. A. Welff, 1094 Roosevelt, Fresno, has had plans prepared and will shortly commence the construction of a two-story brick and stucco apartment house at University and College Avenues. The structure will be exclusively for girl college students and will contain 36 apartments.

ORANGE, Orange Co., Cal.—Archt. M Eugene Durfee, 5 Cassou Bldg., Anaheim, has completed plans for a 4-story modern apt. hotel to be erected on N Glassell St. for M. Eltiste and associates. Cost, $185,000.

ORANGE, Orange Co., Cal.—Archt. M Durfee, 5 Cassou Bldg., is taking bids on a 3-story store and apt. bldg. to be erected at W Center and Clementine Sts. for John Cassou. Bldg. will be 140x50 ft. and contain stores on ground floor, 8 3-room apts. on 2nd floor, and 12 2-room apts on 3rd.

BONDS

MODESTO, Stanislaus Co., Cal.—Election will be held Aug. 20 in Ferry Union School District to vote tax of $3200 to finance school improvements and purchase of equipment. Trustees are: Burns D. Ketcham, Geo. K. Beard, Geo. H. Sawyer, Luther W. Crabtree & B. W. Hulelson.

FULLERTON, Cal.—An election will be held July 25 to vote on a $125,000 bond issue for elementary school purposes. Funds will be expended for new bldgs., additions, paving, desks and other equipment.

SANTA MONICA, Cal.—An election will be held in Santa Monica, Aug. 14, to vote on a $525,000 city school dist. bond issue and a $550,000 city high school bond issue.

HANFORD, Kings Co., Cal.—Election will be held Aug. 14 in Hanford School District to vote direct tax of $26,000 to purchase ten acre tract on which it is proposed to erect a new grammar school, replacing the present Central school.

REDWOOD CITY, San Mateo So., Cal.—Election held in Sequoia Union High School District to vote direct tax of $55,000 to finance completion of high school carried.

OAKLAND, Cal.—Oakland will vote this Fall on bond issue to finance construction of new schools and additions to present buildings. While the exact amount has not been determined it is thought the election will provide $10,000,000 for construction.

SANTA PAULA, Cal.—City of Santa Paula will vote on a $35,000 bond issue August 7 for a new city hall building. It will be one-story, of brick and stone construction. E. C. Thorne, 620 Western Mutual Life Bldg, and R. C. Wilson Santa Paula, Assoc. Architects, have prepared preliminary plans.

SAN JOSE, Santa Clara Co., Cal.—Walter L. Bachrodt, City Superintendent of schools, urges election be called to vote bonds to finance construction of two new junior high schools.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Aug. 13, bids will be rec. by supervisors for the purchase of the $7500 bond issue of the Scotts Valley School District; proceeds of sale to finance school improvements.

FAIRFIELD, Solano Co., Cal.—Election will be held Aug. 7 in Ryder School District to vote bonds of $15,000 to finance school improvements. Trustees of district are: Daniel J. Hollenbeck, C. G. Hampton, H. F. Meyers.

RIO VISTA, Solano Co., Cal.—Election will be held Aug. 6 in Rio Vista Joint School District to vote bonds of $14,000 to finance school improvements. Trustees of district are: Mark I. Church Mrs. Hallie Dirr and Geo. H. Lent.

SAN BERNARDINO, Cal.—Plans are under way for a $300,000 bond issue for the erection of a new junior high school at 8th and E Sts. Percy R. Davis city supt. of schools. Howard Jones, 405 Katz Bldg., archt., prepared the estimate for the board of education.

LOS ANGELES, Cal.—Until 10:30 a. m., Aug. 7, bids will be received by city council for the purchase of $900,000 harbor improvement bonds, election 1919. Class D; also separate bids for $1,600,000 harbor improvement bonds, election 1921, class C. Cert. chk. 2%, each case. Robt. Dominguez, city clerk.

VISALIA, Tulare Co., Cal.—Linwood School District fails to vote bonds of $14,500 to financa erection of new school. Issue failed by vote of 47 to 15.

KERMAN, Fresno Co., Cal.—Bonds of $75,000 voted in Kerman High School District to finance completion of new high school for which bonds of $225,000 were originally voted.

CHURCHES

Contracts Awarded.
CHURCH Cost, $—
SAN FRANCISCO, SE Divisadero and Clay streets.
One-story mez. and basement brick church.
Owner—Sixth Church of Christ Scientist.
Architect—W. H. Crim, Jr., 425 Kearny St., San Francisco.
Only a portion of the church will be completed at this time.
Carpenter, rough and finish and setting mill work to Ira W .Coburn, Hearst Bldg., $8600.
Electric work to Decker Elec. Constr. Co., 149 Montgomery St., $1807.
Iron work, sidewalk grating, window grilles and anchors to C. J. Hillard Co., 19th and Minnesota Sts., $624.
Plumbing, vacuum piping, terra cotta flues, gas heating to Wm. P. Goss, 4640 Geary St., $3579.
Piping for heating and oil eq. and ventilating to Scott Co., 243 Minna St., $1195.

Contract Awarded.
CHURCH Cost, $9,000
STEGE, Contra Costa Co., Cal.
Church.
Owner—Stege Presbyterian Church.
Architect—None.
Contractor—D. A. Dodge, 1205 Richmond St., Richmond.

Figures To Be Called For Within a Week.
CHURCH Cost $45,000
BERKELEY, Northbrae.
Frame and stucco church.
Owner—Northbrae Methodist Episcopal Church.
Architect—Geo. Rushforth, 354 Pine St. San Francisco.
Bids will be taken for a general contract except heating and ventilating for which bids will be taken later.

HUNTINGTON PARK, Cal. — Archt. Harold Cross, 905 Merchants National Bank Bldg., has completed plans for a new Sunday school bldg., to be erected at Huntington Park, for the Huntington Park Baptist Church; will contain about 30 classrooms, with assembly hall Frame and brick veneer constr., 3-sto., 52x75 ft., hardw. and O. P. fls., gas rads., comp. rfg., steel plate girders, pressed brick facing, water htr. Bids will be taken in about 3 weeks.

FACTORIES AND WAREHOUSES

NOGALES, Sonora, Mexico.—A brewery said to be financed by California and Arizona capital, under the name of the Compania Cervecera de Nogales, Sonora, Mex., has been organized to

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

build a brewery on a site of 2½ acres recently purchased. Construction will start at once and the plant will be in operation by Oct. 1. Cost, $150,000. The capacity of the plant will be 100 bbls. of beer a day. Those backing the company are: Walter F. Rau, Los Angeles, pres.; Joseph E. Wise, Nogales, Ariz., vice pres.; Dr. Charles H. Jordan, Los Angeles, secy; Edward Moormeister, Los Angeles, gen. mgr.; Henry Levin, Nogales, sales mgr.

Contract Awarded.
LAUNDRY Cost, $16,680
RICHMOND, Contra Costa Co. Cal. SE Fifteenth and Nevin Ave.
One-story brick laundry building.
Owner—Home Laundry Co, 16th and Nevin Ave., Richmond.
Architect—None.
Contractor—Carl Overaa, 2105 Roosevelt St., Richmond.

Figures to be Taken Shortly.
FOUNDRY Cost, $70,000
SAN FRANCISCO, Spear and Folsom Streets.
One-story steel, concrete and corrugated iron foundry, 137x275.
Owner—Great Western Smelting & Refining Co., 75 Folsom St, S. F.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Contract Awarded.
INDUSTRIAL PLANT Cost, $30,000
SACRAMENTO, Cal. 16th and North B Streets.
One-story industrial plant, Monitor type, brick walls, steel sash
Owner—Sacramento Pipe Works, 716 R St., Sacramento.
Engineer—C. F. Wieland, Claus Spreckels Bldg., San Francisco.
Contractor — Ira C. Boss, 2615 K St., Sacramento.
Provision will be made for a traveling crane, which will be installed later.

Contract Awarded on a Percentage Basis. Sub-Figures Being Taken.
FACTORY Cost, $——
SAN FRANCISCO. Twenty-fifth St., bet. Potrero Ave. and Utah St.
One and two-story Class B concrete factory.
Owner—Williams Bros. Aircraft Corp., 124 Van Ness Ave., San Francisco.
Architect—R. R. Irvine, 736 Call Bldg., San Francisco.
Contractor—Lindgren & Swinerton Co., Inc., Monadnock Bldg, S. F.
Sub-figures are being taken for rolling steel doors, vault doors, steel sash, roofing, plumbing, heating and painting.

Contracts Awarded.
FACTORY Cost, $—
EMERYVILLE, Alameda Co., Cal.
Two-story reinf. concrete factory, 125 by 300.
Owner—Standard Underground Cable Co., San Francisco.
Architect—B. H. Prack, 62nd & Green Emeryville.
General contract to Dinwiddie Constr. Co., Crocker Bldg., S. F., approx. $125,000.
Elevators to Spencer Elev. Co.
Steel to Herrick Iron Works, Oakland at approx. $50,000.
Painting to R. Zelinsky, S. F.
Plumbing to Scott Co.
Roofing to Malott & Peterson, S. F.
Boilers to C. C. Moore Co., S. F.
Electrical work not let.
Sprinkler system not let.

Plans Being Figured.
WAREHOUSES Cost—
SAN FRANCISCO, N Brannan St. E 2nd Street.
Six-story and basement reinforced concrete warehouse.
Owner—Terminal Warehouse Co.
Architect—Earl B. Scott, (deceased).

Contract Awarded.
PACKING PLANT Cost, $11,000
PORTERVILE, Tulare Co., Cal.
One-story hollow tile and brick poultry packing plant.
Owner—Porterville Co-Operative Association.
Architect—None.
Contractor—Samuel Ellis, Porterville.

Permit Applied For.
REMODEL Cost, $15,000
SAN FRANCISCO, 1300 7th St.
Remodel interior of paint factory, erect brick varnish stacks, boiler room, move galv. iron bldg.
Owner — The Glidden Co. of Cal. 1300 7th St., San Francisco.

Contract Awarded.
LOFT BLDG. Cost, $21,000
SAN FRANCISCO, SE Folsom and Ritch Streets.
Two-story and basement reinf. concrete loft building 52x75.
Owner—Bothin Real Estate Co.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Adam Arras, 185 Stevenson St., San Francisco.
Elevator awarded to Otis Elevator Co.

Contract Awarded
PACKING PLANT Cost, $——
HANFORD, Kings Co., Cal.
One-story frame and corrugated iron packing plant, 180x40.
Owner—C. B. Williams Fruit Co., 510 Battery St., San Francisco.
Architect—None.
Contractor—Lee Bloyd, Hanford, Cal.

LOS ANGELES, Cal.—C. L. Peck, H. W. Hellman Bldg., has been awarded the general contract, including concrete work, brick work and plastering, at about $145,000 for erecting a six-story and part basement Class A store and loft building at Winston and San Pedro Sts., for the Revolving Fund Corp. W. Douglas Lee, 400 Sun Bldg., is the architect. Reinforced concrete construction, 97x160 ft., pressed brick facing, cast stone trim, plate glass, gas heating, 3 elevators, cement and maple floors, metal skylights, steel sash, store fronts; total cost, $225,000. This contract was originally awarded to Robert E. Millsap, who withdrew his bid

PHEONIX, Ariz.—Western Cotton Oil Co. (E. A. McDonald, gen. mgr., Phoenix) will start work at once on a cotton oil mill, to be located at 7th St and the Arizona Eastern Ry. tracks. The mill will be ready Oct. 1. The company is capitalized at $500,000.

SAN FRANCISCO—Lindgren & Swinerton Co., Inc., Monadnock Bldg., has awarded the following additional contracts in connection with the construction of a three-story reinforced concrete addition to the factory of the American Can Co. on Third and Twenty-first streets.
Plumbing to Frank J. Klimm.
Steel toilet partitions to Dwan Co.

MARYSVILLE, Yuba Co., Cal.—Bossen Bros., 223 B St., Marysville, have had plans prepared and will shortly let a contr. for a brick laundry building to be erected on the site of the present structure. Building will be 50x125 ft. and is estimated to cost $10,000, not including equipment.

LOS ANGELES, Cal.—V. P. Gilbert, 705 Citizens National Bank Bldg., has the contract to erect a one-story warehouse building on Santa Fe Ave., for the Philip Bixby Co. Dimensions, 139x290 ft., brick walls, comp. rfg., glazed brick trim, steel sash, cem. flr., steel beams, wire and plate glass, metal skylights, loading platform. Cost, $50,000.

LOS ANGELES, Cal.—Archt. W. Douglas Lee, 400 Sun Bldg., has prepared sketches for a Class A wholesale building, to be erected on E. 7th St., between Alameda and Mill Sts., for M. A. Newmark & Co. Reinforced concrete construction, 6-story and basement, 150x206 ft., pressed brick and terra cotta facing, $500,000. Project will not mature before January, 1924.

FLATS

Contract Awarded.
UNDERTAKING PARLOR $22,000
SAN FRANCISCO, N W Dolores and 29th Sts.
Two-story frame undertaking parlors and flat bldg.
Owner—Jas. H. Reilly, 929 Valencia St. San Francisco.
Architect—Jas. F. McGuiness Jr., 529 Phelan Bldg., San Francisco.
Contractor—Frank J. Reilly, 722 4th Ave., San Francisco.

Plans Being Figured.
FLAT BLDG. Cost, $30,000
SACRAMENTO 21st and F Sts.
Three-story frame and plaster flat bldg
Owner—Progress Inv. Co.
Architect—Dean & Dean, City Library Bldg., Sacramento.

To be Done by Day's Work
FLAT BLDG. Cost, $——
SAN FRANCISCO. Green St. near Lyon St.
Two-story frame and stucco flat building (2 5-room flats).
Owner—N. F. Nielson, 180 Jessie St., San Francisco.
Architect — N. W. Sexton, Chronicle Bldg., San Francisco.

Contract Awarded.
FLAT BLDG. Cost, $10,000
RICHMOND, Contra Costa Co., Cal., Bissell Ave.
Two-story frame flat bldg., 2 6-room flats.
Owner—Mrs. Clark C. Kratzer, 515 Bissell St., Richmond.
Contractor—W. Snelgrove, 160 18th St. Richmond.

GARAGES

Contract Awarded.
GARAGE Cost, $50,000
SAN FRANCISCO N Washington 129-6 E Gough.
One-story reinforced concrete private garage.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Owner—Crest View Inv. Co.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.
Contractor — Atlas Concrete Co., 180 Jessie St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO — Following bids rec. by U. S. Engineer Office, 85 2nd St., for fur. 1 1000-horsepower motor for Booster pump:

Bid 1. General Electric Co., Rialto Building, San Francisco, Calif.

2. Allis-Chalmers Mfg. Co., Milwaukee, Wis.

3. Westinghouse Electric and Mfg. Co., East Pittsburgh, Pa.

4. H. Kent McCay, contracting engineer, 638 Equitable Building, Baltimore, Md.

One 1000-horsepower, 3-phase, 60-cycle, 2200-volt electric motor—Bid 1, $7182; 2, $8900; 3, $8072.

Controlling appliances—Bid 1, $2199; 2, $2245; 3, $2845.

Total—Bid 1, $9381; 2, $12,145; 3, $10,775; 4, $6900.

Delivery—Bid 1, at Schnectady, 175 days; 2, complete delivery on or before November 15, at Milwaukee; 3, at East Pittsburgh, motor, parts and couplings, 255 days, control equipment 210 days; 4, at Sacramento, 100 days.

SAN DIEGO, Cal.—Following bids rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. No. 4844, for roads at training station, San Diego:

De Waard & Cobham, San Diego, Cal. $7185.

Union Construction Co., Oakland, Cal. $5990; 60 days.

H. H. Peterson, San Diego, Calif., $7,453; 60 days.

R. E. Campbell, San Diego, Calif., $7,585; 60 days.

WASHINGTON, D. C.—Until August 14, 10:30 a. m., bids will be rec. by Purchasing Agent, Panama Canal, for fur. and del. under Circular No. 1546: sheet iron or steel, brass tubing, sheet copper, sheet brass, bronze, wire nails, brass valves, sheet zinc, liquid door checks, night latches, copper tacks, hinges, burnt sienna, putty, mercuric oxide, metallic zinc, turpentine substitute, rubbing varnish, poultry netting, wire lath, copper insect screen, sledgehammer handles, grindstones, scrub brushes, corn brooms, emery cloth, bath curtains, steam packing, etc. Further information regarding this circular obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

DENVER, Colo.—A. E. Johnson Machinery Co., Denver, Colo., at $4050 awarded cont. by U. S. Reclamation Service for gate lifts. Other bids: Superior Iron Works, Superior, Wis., $8800; Joshua Hendy Iron Works, San Francisco, Calif., $6400; R. Hardesty Mfg. Co., Denver, Colo., $5510; Vulcan Iron Works, Denver, Colo., $4600; Omaha Steel Works, Omaha, Neb., $6240; McGann Mfg. Co., York, Pa., $13,000; Stearns-Roger Mfg. Co., Denver, Colo., $6150.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, for fur. and del. materials to Navy stations, as follows, the date for opening bids as noted at end of each paragraph:

Schedule 1135, for Mare Island, 11,000 gals. paint drier, August 21.

Schedule 1138, for Puget Sound, 3000 ft. stranded copper cable, single conductor, No. 8, August 21.

Schedule 1142 for Puget Sound, transformers, motor generator sets, and telephone terminal, August 21.

Schedule 1145, for Norfolk and Mare Island, 44 chain hoists, August 21.

Schedule 1146, for various yards, glass, August 21.

Schedule 1147, for Puget Sound 2 condensate pumps, August 21.

Schedule 1151, for Mare Island, 100-000 lbs. zinc oxide, August 21.

Schedule 1153, for Mare Island 5000 scrubbing brushes, August 21.

PORTLAND, Ore. — O. V. Gamble, Portland, Ore., at $6546.68 awarded cont. by U. S. Engineer Office, Portland, for fur. 44,730 lin. ft. piling, under Circular No. 278. Broughton and Wiggins Co., Portland, bid for 125,102 lin. ft. $19,390.81 and 131,799 lin. ft., $26,359.80. Bids were asked for 301,631 ft.

PORTLAND, Ore.—Mitchell, Lewis & Staver, Portland, Ore. at $261.50 awarded contract by U. S. Engineer Office, Portland, for fur. pump and engine under Circular No. 768. Bingham Pump Co., Portland, only other bidder at $356.

PORTLAND, Ore.—Bids rec. by U. S. Engineer Office, Portland, for fur. piling under Circular No. 308 have been rejected. Bids were: Broughton and Wiggins Co., Portland, $5479.80; O. V. Gamble, Portland, $4452.33.

SAN DIEGO, Cal.—Following bids rec. by Bureau of Yards and Docks, Navy Departments, Washington, D. C., under Specification No. 4870, for screens at Naval Hospital, San Diego:

Item 1, work complete; 2, add or deduct for using monel metal screening

W. E. Kier Constr. Co., San Diego, item 1, $11,876; 2, $250. Telegraph modification, deduct from item 1, $2334.

Hipolito Screen & Sash Co., Los Angeles, item 1, $10,900; 45 days.

J. D. Cornell, San Diego, item 1, $16,065, 70 days; 2, $17,565, 90 days.

Simpson Mfg. Co., Oakland, item 1, $14,600; 2, $16,000; 90 days.

SAN DIEGO, Cal. — Following bids rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 4871, for roads and walks at San Diego:

Item 1, work complete; 2a, per sq. ft. road; 2b, do, walk; 2c, do, lin. ft. curb.

R. E. Campbell, San Diego, Calif., item 1, $8346; 2a, 28c; 2b, 24c; 2c, 65c; delivery 75 days.

De Waard & Cobham, San Diego, Cal. item 1, $8786; 2a, 52c; 2b, 55c; 2c, 80c; by days.

H. H. Peterson, San Diego, Calif., item 1, $7627.11; 2a, 33c; 2b, 24c; 2c, 80c; 75 days.

Union Construction Co., Oakland, Calif., item 1, $7900; 2a, 28c; 2b, 30c; 2c, 75c; 75 days.

SAN FRANCISCO—Until Aug. 30, 11 a. m., bids will be rec. by U. S. Engineer Office, Customhouse, for dredging in Petaluma Creek. Further information on application.

HALLS AND SOCIETY BUILDINGS

Plans To Be Prepared.
LODGE BLDG. Cost, $75,000
TULARE, Tulare Co., Cal.
Two-story and basement brick lodge bldg. with roof garden (pressed brick and terra cotta exterior).
Owner—Elks Lodge of Tulare (bldg. com. F. J. Heid Jr., F. F. McMurry and Leonard Pratt).
Architect not selected, competitive plans wanted.

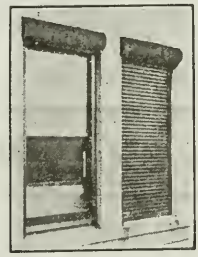
Ready For Figures Within Two Weeks.
DANCE PAVILION Cost, $100,000
OAKLAND, Broadway near 19th.
Two-story and basement class B rein. conc. store and dance pavilion.
Owner—J. F. Hassler.
Architects — Schirmer - Bugbee Co., Thayer Bldg., Oakland.

Contract Awarded on a Percentage Basis—Ready for Steel Bids in a Week.
STORE, ETC. Cost, $1,000,000
SAN FRANCISCO N Post St., bet. Powell and Mason Sts.
Thirteen-story class A store and club building.
Owner—Elks' Club.
Architect—Meyers and Johnson, 742 Market St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St. San Francisco.
Contractors — R. McLeran Co., Hearst Bldg., San Francisco.

LOS ANGELES, Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., are preparing working plans for a class A athletic club bldg. to be erected on Flower St., bet. 8th and 9th Sts., for the Women's Athletic Club. It will be 7-story and basement, 150x157 ft., reinforced conc. constr., stucco exter., cast stone trim, clay tile and comp. rfg., marble and tile work, hardwood finish, hardwood and cem. fls., elevators, steam htg., vacuum cleaning; cost $750,000.

WALLA WALLA, Wash.—Architects Osterman and Siebert, Walla Walla, have completed plans for administration building for State Home of Odd Fellows; 3-story and basement brick and terra cotta construction; est. cost $150,000. Bids will be asked about September 1.

KINNEAR ROLLING · DOORS KINNEAR



Furnished for the closure of all types of door and window openings.

Underwriters Label furnished when desired

Pacific Materials Co.

525 Market Street San Francisco

OVER 1,000,000 SATISFIED OWNERS

THE BOOK OF KNOWLEDGE Helps Us

WHY?

IF THERE'S A THING YOUR CHILDREN WANT TO KNOW,
THE BOOK OF KNOWLEDGE
KNOWS IT;
IF THERE'S A PLACE THEY WANT TO GO,
THE BOOK OF KNOWLEDGE
SHOWS IT;
IF THERE'S A THING THEY'D MAKE OR DO,
THEY'LL FIND IT IN THE PAGES;
THE BOOK OF KNOWLEDGE
GIVES THEM
ALL THE WISDOM OF THE AGES.

One of the greatest educators of the age says:

"Let a child of ten read THE BOOK OF KNOWLEDGE 15 minutes a day for 3 years and he will know more than the wisest men knew a few generations ago."

The Book of Knowledge

The Children's Encyclopedia

10,000 Educational Pictures In Five Languages 350 Colored Plates

WHY YOU SHOULD OWN IT

Because it is the **Greatest** educational work for children ever published.

Because it is the most **Interesting** educational work in existence.

Because it contains that part of the accumulated wisdom of the world, important for a child to know, told in words he can understand and in a manner that will fascinate him.

Because it answers every question a child can ask, in **simple language.**

Because its editors and contributors have made what a child **Wants to Know** and what a child **Ought to Know** identical.

Because a saving of a few cents a day for a limited period will purchase it.

Because boys and girls read it eagerly, and its pages and pictures are so intensely interesting that while being delightfully entertained the children are unconsciously absorbing the most valuable information.

Because it has received unstinted praise from people who **Know**—educators, teachers, clergymen, professional and business men and women—and many thousands of "just average fathers and mothers."

Because the children themselves are unanimous in their liking for it and an educational work which **pleases** the children while **Instructing** them is the ideal of every teacher and parent.

FREE

THE FREE SAMPLE BOOK contains many pages and pictures from the following interesting subjects: The Sun and His Family; How We Dig Up Sunshine; The World's Bread and Butter; How Men May Make Stone; The Marvel of Hearing; What Makes a Bee Hum; Animals That Work for Nature; The United Nation; Republics of South America, Etc.

Mail this FREE COUPON NOW

THE GROLIER SOCIETY,
Western Branch,
278 Post St., San Francisco, Calif.

Please mail free descriptive book containing specimen pages and illustrations from THE BOOK OF KNOWLEDGE, and explaining the use and meaning of the work.

Name .....

Address .....

BNE 7-21-23

LOS ANGELES, Cal.—Archts. Dodd & Richards, 905 Brack Shops Bldg., have prepared plans for a 3-story and basement headquarters bldg. to be erected at W 9th St. and Cottage Pl. for the Salvation Army. Brick constr., 60x110 ft pressed brick and cast stone facing, comp. rfg., structural steel work, plate glass, ornam. iron, steam htg., cem. and oak fls., etc.

POMONA, Cal.—Grant McCaln, Pomona, submitted low bid to board of directors of B. P. O. E. lodge at Pomona, July 30, at $108,326 for gen. contract for erecting the new Elks lodge bldg. at cor. Holt and Garey Sts. Bldg. will be 2-sto. and base; 146x109 ft., brick constr., stucco exter., comp. rf., with ornam. tile. Frank K. Benchley, E. K. Benchley Bldg., Fullerton, archt. Other bids were: Wilton Bros., $108,896; South & Franzen, $120,000. Frank Hudson, $134,487; Andrews, $135,600; J. C. Smith, $139,000. There was one other general bid. Low bids on other contracts were: H. H. Armhurst, Anaheim, on heating and ventilating at $9780; H. H. Armburst also on plumbing at $8177; A. M. Fitch, on electrical work at $3674.

HOSPITALS

Contract Awarded.
HOSPITAL Cost, $30,000
BERKELEY, Alameda Co., Cal. No. 2001 Dwight Way.
Three-story 24-room Class C hospital.
Owner—Berkeley General Hospital.
Architect—E. W. Cannon, Central Bank Bldg., Oakland.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland.

Plans To Be Prepared.
HOSPITAL Cost, $150,000
BELMONT, Santa Clara Co., Cal.
20 bed hospital for children.
Owner—Chas. S. Howard Foundation, Inc., headed by Drs. Max Rothchild and Harry C. Warren, S. F.
Architect—None selected.

LOS ANGELES, Cal.—Archts. Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., have been commissioned to prepare plans and spec. for a class A addition to the Methodist hospital bldg. on Grand Ave. bet. 28th and 30th Sts. The main bldg. will be 5-sto. and basement, 37x163 ft.; with accommodations for 125 beds; reinf. conc. frame and fls., brick filler walls, hollow tile partitions, stucco exter., comp. rfg., 2 elevators, steam htg., shower and tub baths, tile work, etc. There will also be a nurses' home bldg. to accommodate 177 nurses. It will be 4-story and basement, 80x136 ft., class C brick constr., press. brick facing, comp. rfg., pine trim, assembly room, struc. steel, general and private baths, tile work, elevators, steam htg.; cost $500,000.

SAN DIEGO, Cal.—St. Joseph's Hospital Corp. will have to borrow the money to erect a proposed hospital. The company has applied to the Superior Court for permission to mortgage property in San Diego county to secure $450,000. The proposed hospital will be financed by the Hibernian Savings & Loan Society of San Francisco.

NEWMAN, Stanislaus Co., Cal. — Chamber of Commerce and citizens are holding meetings to further plans for a 60-room $100,000 hotel to be erected in Newman. J. K. Kinsman is secretary of the Chamber of Commerce. Dr. H. V. Armistead, a large property owner, is chairman of the citizens committee.

HOTELS

SAN LUIS OBISPO, Cal.—A five-story brick hotel is to be erected on the alte at the corner of Osos and Higuera Sts., owned by H. H. Carpenter. The building and site will cost $500,000 and will be financed by a Los Angelea mortgage company. Building will be 84x173 ft. There will be lobby, stores and offices on the first floor, with rooms above, each with bath.

GLENDALE, Cal.—Arthur G. Lindley, Chas. Selkirk, Assoc., 800 Amer. Bank Bldg., have completed plans and are taking on gen. contr. for a class A hotel and apt. bldg., to be erected at cor. E Broadway and Glendale Ave., Glendale, for the Ambrosini Hotel Co. It will contain 278 rms., divided into single and double apts. and single rms each room and apt to have shower and tub baths; roof garden, with lobby, stores and dining room on first fl. Reinf. conc. constr., 5-sto. and basement, 225x140 ft., hollow tile curtain walls, plas. exter., comp. rfg., 2 elec. passenger and 1 elec. service elevator, gas unit htg., aut. water htr., storage system, refrigerating system, circulating ice water to each rm., wall beds, tile baths and kitchens, incinerator, O. P., cem. and hardwd. fls., intertelephone system, ornam. iron work; cost $400,000.

LOS ANGELES, Cal. — Bushnell & Palmer, 517 Grosse Bldg. have the contract to erect a 5-story class A hotel bldg., at 419-25 E 7th St., for The Sherman Co., will contain 222 rms., 2 stores, lobby and 15 baths. Reinf. conc. constr., 5-story and basement, 60x129 ft., press. brick, cem. and O. P. fls., steam htg. system, elec. elevator, gas unit water htr., hollow tile partitions, fire escapes, metal skylights, tile baths. Chas. F. Whittlesey, Hollywood Blvd., archt.

Sacramento 7/24/23

Dear Sandy Pratt:

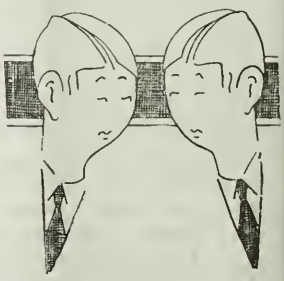
Pardon us for again interrupting your rock naming contest; but, Ruth C. Sanfords letter from Marysville in Saturday nights "Bee," prompts us to again say a few words regarding your wonderful efforts to name the hard sharp rock from Prattrock, and also in defense of the eight Southern Pacific employees of the Sacramento division.

Well, R. C. S. you see, we are trying to get the best name for the best rock, a hard name for the hardest rock and a keen sharp name for a keen sharp rock.

But, say it's a mighty hard task,
To think of a name for a rock that will last,
Until one hundred and twenty-five thousand car loads or more,
Have been shipped from Prattrock's cobble beds of Yore.
But then Sandy Pratt is a pretty smart man,
And wants to get the very best trade name he can;
Surely from Sandy's clean, sharp sand, must get the grit,
To stage a mammoth contest, for good names, like prizes are hard to get.
Suppose "Clapra," "Clapraco," or "Foroco" was chosen for the Name,
Don't you think Ruth C. it would be "Damngood Gravel" just the Same.
And whether it's "Royal Rock," "Pebble Crush," or "Gray Granite,"
If you don't win the prize, you've made quite a hit,
And your letter, we will admit, is quite very clever,
But some one says Tennyson instead of Shakespeare, would be better.

Yours,
THE TERRIBLE S. P. EIGHT.

THE ABOVE reply from Sacramento
TO RUTH C. Sanford (R. C. S.)
OF MARYSVILLE, home.
OF SANDY Pratt's sand pit.
ON THE Yuba River.
IS THE work.
OF EIGHT artists.
OR POETRY hounds.
WITH THE Southern Pacific Co.
AND THESE same officials.
ARE JUST as efficient.
IN THEIR railroad work.
IN HANDLING Pratt's sand.
AS THEY are.
IN SELECTING a trade name.
IN THE rock-naming contest.
OF CLARENCE Sand Pratt, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
THE CONTEST is almost closed.
AND IN a few days.
SANDY PRATT, producer.
OF CLEAN, sharp sand.
WILL ANNOUNCE the winners.
OF THE $250.00 in prizes.
$150.00 OF which.
IS FOR stock.
IN SANDY'S new company.
THE PRATT Rock & Gravel Co
"I THANK you."



The two Rockhead boys from the sun kissed slopes of the Rocky Mountains, who have always had a "rocky" time trying to think. If Rock cod is a fish then their heads are perfect vacuums. Moral: Feed your children Rock candy and Sandy Pratt's clean, sharp sand and they will be prize winners in all of Sand's naming contests, either crushed rock, crushed gravel, Prattco Amber sand, American River sand or nice white, clean Marysville sand.

MT. DIABLO CEMENT

A Contra Costa County Product. Awarded Gold Medal P. P. I. E.

Cowell Santa Cruz Lime

Always used where quality counts.

HENRY COWELL LIME & CEMENT CO.

2 MARKET STREET SAN FRANCISCO, CALIF.

BRANCHES

Oakland San Jose Sacramento Santa Cruz Portland, Ore. Tacoma, Wash.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE. WEST 3810.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

SAN FRANCISCO—Lindgren & Swinerton Co., Inc., have awarded a contract to W. S. Wetenball Co., 604 Mission St., at approx. $12,500 for the reinforcing steel for the 5-story Class A addition to the St. Francis Hotel.

CULVER CITY, L. A. Co., Cal. — Archt. L. L. Jones, 603 Grosse Bldg., has completed plans for a 51-room hotel bldg. to be erected at Culver City, for Elmer Lewis. Frame and plas. exter 3-story and part basement, 50x155 ft., steam htg. system.

PETALUMA, Sonoma Co., Cal.—The following sub-contracts have been awarded by the Petaluma Hotel Co. in connection with the construction of a 4-story steel frame and reinforced concrete hotel building now under construction on Washington and Kentucky streets in Petaluma from plans by Frederick W. Whitton, 369 Pine St., San Francisco.

Carpentry work to Stockholm & Son, San Francisco.

Mill work to National Mill & Lumber Co., San Francisco.

Plastering to A. Knowles, Call Bldg., San Francisco, $28,338.

Ornamental & Miscellaneous Iron Work to Peerless Iron Co., S. F., $2764.

Sheet Metal Work to Morrison & Co., 74 Duboce Ave.

LOS ANGELES, Cal.—L. A. Smith, 3rd St. and Western Ave., has prepared plans for a 5-story class A store and hotel bldg. to be erected at s.w. cor. of Temple St. and Broadway for Hartfield & Paulis. It will be reinf. conc. constr., 40x265 ft., pressed brick facing, plate glass, marble and tile work, 4 elevators, pine trim, steam htg., vacuum cleaning; 10 stores, market, 140 hotel rms.; cost $250,000.

ORANGE, Orange Co., Cal.—See "Apartments."

POWER PLANTS

Excavation Bids To Be Called For In About a Week.
BUILDING Cost, $250,000
SAN FRANCISCO, Stevenson St., between 5th and 6th Sts.
Steel frame and reinforced concrete building for steam plant 70x100.
Owner—Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.
Architect—Engineering Dept. of owner.
It will be equipped with 1575 horsepower steam boilers. There will also be suitable shop provided together with locker rooms, etc.

SAN FRANCISCO—Board of Supervisors vote to establish and operate a municipally owned plant for distribution of electric power generated through Hetch Hetchy project. The board adopted a resolution calling upon City Engineer M. M. O'Shaughnessy to secure data concerning the price terms of the properties of the Pacific Gas & Electric Company and the Great Western Power Company in the event that the city decided to purchase them.

GLENDALE, Cal.—General Electric Co., 724 S Spring St. awarded contract by council at $3641 f. o. b. Glendale, for 100 K. V. A. induction feed regulator. Westinghouse Elec. & Mfg. Co. bid $3661.

GLENDALE, Cal. — General Electric Co., 724 S Spring St., submitted low bid to city council at $3641 f. o. b. Glendale for 100 K. V. A. induction feed regulator. Westinghouse Elec. & Mfg. Co. bid $3661.

RICHMOND, Contra Costa Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has purchased two lots in Tenth St. adjoining the present sub-station for future extensions to that plant. Early construction is not planned.

PUBLIC BUILDINGS

SANTA PAULA, Cal.—See "Bonds" this issue.

CALIFORNIA—State Board of Control has approved preliminary plans for the construction of four new cottages at the state hospitals at Paton, San Bernardino county, and three new cottages at the Norwalk State Hospital, Los Angeles county. The estimates cost of these structures is placed at $350,000. Geo. B. McDougall is state architect.

HANFORD, Kings Co., Cal.—Bids will be asked shortly by supervisors to remodel and make minor additions to county jail. Plans for the work have been submitted by Anton Johnson, Kingsburg, Calif.

RED BLUFF, Tehama Co., Cal. — Until Aug. 20, 10 a. m., bids will be rec. by H. G. Kuhn, county clerk, to fur. and install sprinkling system for courthouse yard. Cert. check 10% payable to Chairman of Board of Supervisors req. with each bid. Further information obtainable from county clerk.

LOS ANGELES, Cal.—Van Dorn Iron Wks., A. G. Bartlett Bldg., was awarded contr. by county supervisors July 30, at $586,764 for steel cells and jail equipment at new hall of justice, under spec. 351 using special saw-proof steel.

RESIDENCES

Contractor Taking Sub-Figures.
RESIDENCE Cost, $11,828
PALO ALTO, Santa Clara Co., Cal., N Waverly St. 100 W Lincoln.
One-story frame residence and garage.
Owner—F. M. Zwart, 290 Wawona St., San Francisco.
Architect—Norman R. Coulter 46 Kearny St., San Francisco.
Contractor — M. C. Ingaham, 165 Fell St., San Francisco.

Plans To Be Prepared.
RESIDENCE Cost, $—
SAN FRANCISCO, Portola Drive near Santa Clara Ave.
Two-story frame and stucco residence and garage.
Owner—Wm. Saunders.
Architect—Henry H. Gutterson 278 Post St., San Francisco.

To be Done by Day's Work.
RESIDENCE Cost, $25,000
SACRAMENTO, Cal. No. 1301 44th St.
Two-story 8-room residence and garage.
Owner—Frank J. Ruhstaller, 174 L St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $15,000
SANTA ROSA, Sonoma Co., Cal.
Two-story frame and stucco residence.
Owner—Mr. and Mrs. W. F. Cowan.
Architect—Miller & Warnecke, Perry Bldg., Oakland.
Contractor—A. Hildebrand, Santa Rosa.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

Contract Awarded.
RESIDENCE Cost, $13,500
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence (8 rooms and garage).
Owner—W. H. Nordman.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor — Mangels Bros., 4792 Mission St., San Francisco.

Contracts Awarded.
RESIDENCE Cost, $20,000
GILROY, Santa Clara Co., Cal.
Two-story and basement frame and plaster residence (12 rooms, 3 bathrooms), separate garage.
Owner—Dr. John A. Clark, Gilroy.
Architect—Miller & Warnecke, Perry Bldg., San Francisco.
General Contract to Shaw & Watson of Gilroy at approx. $18,500.
Plumbing, heating and sheet metal work to Robinson Hardware Co, Gilroy.

Owner Taking Figures.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. Rose and Acton Streets.
One-story frame residence.
Owner—Mr. Krapf, %Built-In Fixture Co., 1911 San Pablo Ave., Oakland.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Plans Being Figured.
RESIDENCE Cost—
LOS GATOS, Santa Clara Co., Cal.
One-story frame residence.
Owner—Withheld.
Architect—W. H. Crim, Jr., 425 Kearny St., San Francisco.

Contract Awarded.
RESIDENCE Cost—
SANTA ROSA, Sonoma Co., Cal.
Two-story frame and stucco residence.
Owner—Eugene Farmer, Santa Rosa.
Architect—Miller & Warnecke, Perry Bldg., Oakland.
Contractor — Draper & Cutts, Santa Rosa.

Fiures To Be Taken Next Week.
RESIDENCE Cost, $10,000
SAN MATEO CO., Cal., San Mateo Park
One-story frame 6-room residence.
Owner—Mr. Ross.
Architect — Ernest Norberg, Balboa Bldg., S. F. and 407 Occidental Ave Burlingame.

Plans Being Prepared.
RESIDENCES Cost, $8900 and $10,000
MILL VALLEY, Marin Co., Cal.
Two frame residences.
Owner—G. T. Marsh & Son.
Architect—Willis E. Huson, Chronicle Bldg., San Francisco.
Bids will be called for a general contract.

Ready for Figures Wednesday.
RESIDENCE Cost, $——
MILL VALLEY, Marin Co., Cal.
One-story 6-room residence.
Owner—Douglas A. Nye, Mill Valley.
Architect—Willis E. Huson, Chronicle Bldg., San Francisco.

Figures Being Taken From Selected List of Contractors.
RESIDENCE Cost, $——
SAN FRANCISCO, Jackson St.
Two-story and basement frame and brick veneer residence.
Owner—L. Ghirardelli.
Architect—Albert Farr and J F. Ward 68 Post St., San Francisco.

Sub-Figures Being Taken.
RESIDENCE Cost, $20,000
SAN FRANCISCO, West Clay Park near Twenty-seventh Avenue.
Three-story and basement frame and stucco residence with large reception hall at rear connected by an arcade, garage, patio, etc.
Owner—Solomon Schwartz.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

LOS ANGELES, Cal. — Clinton B. Kolyer, 2636 Magnolia Ave., has completed plans and work has started by Contractor H. S. Belland, 530 N. Cahuenga Ave., on a $60,000 2-story 19-room Italian Villa frame dwelling at Summit Dr. and Benedict Canyon Rd., Beverly Hills, for Fred C. Porter of the Porter lumber interests of Chicago. Mr. Kolyer will also design the landscaping. Stucco exter., tile rf., 5 tile baths,

3 marble and cast stone mantels, stone balustrades, cast stone walls in 18x48 ft. living rm.,6x19 ft. leaded glass windows, retaining walls, swimming pool, tennis court, tea house, bath house, garage with 5 servants apts., unit heating, hand wrought iron and brass staircase, oak trim, plas. relief and satin hung walls in several rms., tile vestibule and terrace fls., terrazzo recep. rm. fl., walnut wainscoting in dining rm., red gum paneling.

SCHOOLS

Contract Awarded.
SCHOOL Cost, $37,600
SACRAMENTO, Cal. Seventh & Eighth Sts. (St. Stephens School).
Two-story Class C parochial school.
Owner—Roman Catholic Archbishop.
Architect—Dean & Dean, City Library Bldg., Sacramento.
Contractor—Geo. Hudnutt, California Fruit Bldg., Sacramento.
The second lowest bid was submitted by Chas. Mabey at $37,900.

Contract Awarded.
SCHOOL Cost, $7190
SUNNYVALE, Santa Clara Co., Cal.
One-story frame temporary school (shiplap exterior, crushed brick roof and T. & G. interior).
Owner—West Side Union High School District, Leo H. Vishoot, Clerk.
Architect—E. L. Norberg, 407 Occidental Ave., Burlingame.
Contractor—F. R. Yarnish, Sunnyvale, Calif.

Figures To Be Taken About August 1st
ADDITION Cost, $35,000
BURLINGAME, Cal.
One-story frame and brick veneer school addition (4 rooms and auditorium).
Owner—Burlingame Grammar School District.
Architect — Ernest Norberg, Balboa Bldg., S. F. and 407 Occidental Ave Burlingame.

Figures To Be Taken About August 1st
ADDITION Cost, $12,000
BURLINGAME, Cal., Roosevelt School.
Two-room frame and plaster addition to school.
Owner—Burlingame Grammar School District.
Architect — Ernest Norberg, Balboa Bldg., S. F., and 407 Occidental Ave Burlingame.

Plans Being Figured—Bids Close Aug. 20, 1923, 7:30 p. m.
SCHOOL Cost, $35,000
SACRAMENTO, Cal. Riverside Road (Riverside School).
One-story frame and stucco school with tile roof.
Owner—City of Sacramento.
Architect — Woollett and Lamb, Mull Bldg., Sacramnto.
When bids were opened on July 9th, Chas. F. Mabrey, Ochsner Bldg., Sacramento, submitted the lowest bid on the general contract at $32,474; Luppin & Hawley on the plumbing $2779, and heating $3689, and Latourrette-Fical Co. on the electrical work at $1600.
Segregated bids are wanted as follows: General contract, electric wiring, plumbing, heating, a combination bid of divisions of the work and alternate bid. Plans obtainable from architects on deposit of $15, returnable. **See call for bids under official proposal section in this issue.**

Plans Being Figured—Bids Close Aug. 23, 1923.
SCHOOL Cost, $55,000
NEEDLES, San Bernardino Co., Cal.
One-story reinforced concrete school (6 rooms and an auditorium).
Owner—Needles Grammar School Dist. (Ben Harrison, clerk).
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Plans may be obtained from the architect's office.
Bids are being taken for a general contract with separate bids for the heating.

LOS ANGELES, Cal.—The board of education has authorized its architectural dept. to prepare plans for a new bldg. to be erected at Lincoln high school site. It is to cost, $80,000.

TUCSON, Ariz.—Architects Lyman & Place, Tucson, have prepared plans for a three-story library building, 194 ft. frontage, by about 90 ft. deep, for the University of Arizona. The building has been planned by the architects in conjunction with Pres. C. H. Marvin, and Miss Lutrelle, librarian. Assistance was also given by Leo W. Koch, librarian of Northwestern University, who has planned many important library buildings. The building will contain a partial basement. Reinforced concrete and structural steel construction; rugbrick facing and exterior walls, with terra cotta trim and red Spanish tile roof. The main reading room will be 46x125 ft., 2-story in height, and will be lighted by 9 arched windows. The building will contain several smaller reading rooms; catalogue rooms, offices, lecture hall, and stack room with facilities for 350,000 volumes; steel book stacks, cork carpets, book elevator, electric automatic passenger elevator, hardwood panel wainscoting, cork tile lobby floor, marble staircase, etc. Bids will be advertised for in August, and the building is to be ready for occupancy in the fall of 1924.

RIALTO, Cal.—Joe Myzelle, San Bernardino, was low bidder and was awarded the gen. contr. at $43,287 for erecting a grammar school bldg. at Rialto, Calif. Howard E. Jones, Katz Bldg., San Bernardino, archt. Other awards were: Carl Ruhnau, painting, $2100; Fields Elec. Co., wiring, $2275; Pacific Gas Radiator Co., heating; Kawneer Mfg. Co., Simplex windows.

SUISUN, Solano Co., Cal. — See "Dredging, Harbor Works and excavations," this issue. School lot fill.

PLACERVILLE, El Dorado Co., Cal.—Cote and Shattuck, Placerville, at $1560 awarded contract by El Dorado High School District to erect one classroom addition to high school, also to repair classroom for physics and chemistry classes.

SANTA CRUZ, Santa Cruz Co., Cal.—Following bids taken under advisement by Scott Valley School District to erect new school, bids being taken for both stucco and rustic exterior finish: Doane & Powers, stucco, $7700; rustic, $7200. Hamilton & Church, stucco, $7500; rustic, $7100. N. R. Russell, stucco, $9670; rustic, $9075; Palmer & Balsiger, stucco, $7085; rustic, $6785.

MERCED, Merced Co., Cal. — Until Aug. 14, 8 p. m., new bids will be rec. by H. K. Landram, clerk, Merced Union High School District, to construct machine shops and manual training building and a cafeteria building at high school. Allison and Allison, architects, Hibernian Bldg., Los Angeles, associated with W. E. Bedesen, engineer, 21 Shaffer Bldg., Merced. Cert. chk. 5% payable to clerk rek. This project was previously reported as being awarded to J. B. Hart, 2133 Kern St., Fresno at $18,875. **See call for bids under official proposal section in this issue.**

MODESTO, Stanislaus Co., Cal.—Until Aug. 13, 8 p. m., bids will be rec. by Kathleen G. Prewett, secy. Board of Education, for the sale of a two-story frame building at 1 and 5th Sts.
Separate bids, same date, for fur. and installing electric clock system in Junior College Bldg.
Separate bids, same date for fur. and installing 150 school desks, delivery to be made before September 1, 1923.
See call for bids under official proposal section in this issue.

ALPAUGH, Tulare Co., Cal.—Until Aug. 6, 7:30 P. M., bids will be rec. by John H. Callister, Clerk, Alpaugh School District, to erect one room frame school building. Cert. check 10% payable to District req. Plans obtainable from clerk at Alpaugh.

MADERA, Madera Co., Cal. — Until Aug. 8, 8 p. m., bids will be rec. by Mrs. P. C. Nelson, clerk, Fresno School District, to construct additions to present school. Plans and further information obtainable from clerk.

LODI, San Joaquin Co., Cal.—Until Aug. 13, 8 p. m., bids will be rec. by Wm. H. Faust, clerk, Lodi Grammar School District, to construct additions to Salem Grammar school. J. F. Watson architect, 403 East Pine St. Lodi. Cert. check 10% payable to clerk req. Bids will be taken for work as a whole which includes masonry, carpentry, plumbing, painting, etc. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Archt. Albert C. Martin, 430 Higgins Bldg., has completed plans for a Catholic School building to be erected at NW cor. of Adams and Flower Sts., for St. Vincent's school. Two-story, 99x113 ft., brick walls, plaster exterior, clay tile roofing, pine trim; $85,000.

SAN FRANCISCO—R. E. Baines, 4570 Mission St., at $3470 awarded contract by Bd. Pub. Wks. to furnish and install stage draperies in auditorium of Galileo high school in Van Ness near Francisco St.
LOS ANGELES, Cal.—J. C. Bannister, 903 N. Mariposa Ave., was low bidder at $424,970 on the gen. contr. for erecting a new high school building at John C. Fremont School site, northwest corner of 79th St. and South Park Ave; Edwin Bergstrom, Architect. Low bidders on other contracts were: W. W. Brooks on plumbing at $34,084; H. S. McClelland on heating and ventilating at $40,378; J. S. Windick on painting at $9390, and Graham Electric Co. on wiring at $18,940. The total cost of the building, including architect's fees will be approximately $550,000. The appropriation was $600,000. The bids were. **General Contract**—J. C. Bannister, $424,970; Eavin & Burch Co., $449,896; Larsen-Siegrist Co., $457,782; North Pacific Constr. Co., $458,125; L. A. Planing Mill Co., $473,058; K. R. Bradley Constr. Co., $474,000; Wm. Stacko, $481,000; Pozzo Constr. Co., $521,500. **Plumbing**—W. W. Brooks, $34,034; G. C. Sutton, $37,500; J. Hokom, $38,313; Ashworth & Gallop, $38,725. **Heating** — H. S. McClelland, $40,378; L. Z. Brown, $48,477; Thos. Haverty Co., $48,480; Lohman Bros., $48,684; W. W. Brooks, $48,800; Western Engr.-Constr. Co., $48,867; Munger & Munger, $49,375; J. Hokom, $49,600; F. J. Donnelly, $49,630; Midgley Bros., $53,234. **Painting**—E. A. Lindgreen, $9410; H. H. Mann, $9446; J. S. Windick, $9390; R. P. Tuttle Co., $10,550; R. Rasmussen, $10,900; Leo H. Hubbert, $10,990; Alhambra Wall Paper & Paint Co., $11,000; E. Drawbaugh, $11,500; R. E. Swan, $11,830; Arenz-Warren Co., $13,017. **Electric Wiring**—Graham Electric Co., $18,940; Newbery Elec Corp., $19,353; H. H. Walker, $20,384; Butte Elec. & Mfg. Co., $21,900.

LOS ANGELES, Cal.—Archt. Edgar H. Cline, 743 N Wilton Pl., has been commissioned by the board of education to prepare plans and spec. for a new junior high school bldg. to be erected at Boyle Heights and to be known as Boyle Heights unior high school No. 2. The sum of $300,000 has been appropriated for the bldg. E. L. Ellingwood has been appointed heating engineer to prepare plans for the heating system.

MARYSVILLE, Yuba Co., Cal. — E. B. Clark, of Dobbins, was awarded a contract at $1600 by the Marysville Union High School at Dobbins. The only other bid was from I. C. Evans, of Marysville at $2195.

LOS ANGELES, Cal. —Wm. Stacko, Eagle Rock, was awarded the gen. contract at $66,382 for erecting a new school bldg. at Toland Way school site. Other contracts were awarded as follows: Plumbing to Ora King at $5441; heating to F. J. Donnelly at $6862; painting to R. E. Swan at $1869; and wiring to Graham Electric Co. at $2620.

LOS ANGELES, Cal. — Archt. Harwood Hewitt, 1130 Van Nuys Bldg., has been commissioned to prepare plans for an addition to be erected at Cheremoya Ave. school site. It is to cost $60,000.

LODI, San Joaquin Co., Cal.—Bids were received on July 25th by Trustees of Bruella School District to construct additions to present school, for which bonds of $12,000 were recently voted. J. F. Watson, architect, 403 East Pine St., Lodi.

The contract was awarded to W. J. Barnes, of Lodi. Following is a complete list of the bids:

W. J. Barnes, Lodi	$10,800
Geo. J. Mcewonger, Lodi	11,111
Hieb Bros. Lodi	11,199
Paukett & Rosenberg, Lodi	11,225

LOS ANGELES, Cal.—Thos. J. Armstrong, San Pedro, was low bidder at $49,063 on the general contract for erecting a new building at Barton Hill school site. The bids were: Thos J. Armstrong, $49,063; Anton Johnson Co., $50,150; Hubert Constr. Co., $59,135.

KEYES, Stanislaus Co., Cal.—Scranton & Sorenson, Hughson, at $18,174 awarded general contract for 5-room school for Keyes School District. O. N. Nash, Modesto, at $218.50 submitted low bid for electric work but failed to enclose certified check and the contract was awarded to Henderson Electric Co. of Turlock at $300. Andy Thorsen, Turlock, ath $1550 awarded plumbing contract. Wallace H. Hubbert of Modesto is the architect.

TRANQUILLITY, Fresno Co., Cal.—Until Aug. 14, 3 p. m., bids will be rec. by K. O. Whitson, clerk, Tranquillity School District to erect 2-room elementary school, including works. Ernest J. Kump Co., architects, Rowell Bldg., Fresno. Estimated cost $30,000. Cert. check 10% payable to clerk req. Plans obtainable from architect. **See call for bids under official proposal section in this issue.**

VISALIA, Tulare Co., Cal.—Following contracts were awarded by Visalia Union High School District for improvements, from plans prepared by Architects Ernest J. Kump Co., Rowell Bldg., Fresno:

Templeton & Co., Porterville, at $16,320 to const. wing to Science building for use as biology laboratory; will consist of one classroom.

Fisher & McNulty, Mattei Bldg., Fresno, at $6,746 for garage to house school busses.

Van Olsen, Visalia, at $1,186 to paint main auditorium building.

Bids of E. G. Noble, Visalia and Martin Constr. Co., Fresno, to construct sidewalks in grounds, tennis courts and parking spaces taken under advisement.

MONTEBELLO, Cal.—Frank Hudson, 231 Higgins Bldg., has been awarded the general contract at $57,866, to erect a new high school building at Montebello. Other contracts awarded were: **Brick work**—Frenk Hudson, 231 Higgins Bldg., $51,000. **Electric Wiring**—Woodill & Patterson, 118 E. 3rd St., $7156. **Steel and Iron**—Pacific Iron & Steel Co., 2657 Humboldt St., $13,500. **Plumbing**—F. D. Reed Plumbing Co., Glendale, $12,723.34. **Heating and Ventilating**—Pacific Gas Appliance Co., San Bernardino, $8016. **Hardware**—Bennett-Montgomery, 323 S. San Pedro St., $4436.59, for casement windows, $1164.89. Jeffery & Schaefer, 110 Kerckhoff Bldg., Architects.

STOCKTON, San Joaquin Co., Cal.—Bids were opened by the Board of Education of the City of Stockton on August 1st, at 7.30 p. m. for constructing exterior walls and rough interior finish for a one-story eight-room brick school building to be known as the Pilgrim School. It is to be erected on Pilgrim street between Jackson and Jefferson streets from plans prepared by Architect Charles Young, Commercial and Savings Bank Building, Stockton. Davis-Heller-Pearce Co., Delta Building, Stockton, are the Supervising architects. Bids were taken under advisement. Following is a complete list of the bids:

Harvey R. Vickroy, 1122 N Commerce St., Stockton, (A) $55,555, (B) $59,155, (C) deduct $3780, (D) deduct 331, (E) deduct $150, (F) deduct $1500.

Shutes & Zinck, Stockton (A) $55,662, (B) $59,262, (C) deduct $3780, (D) deduct $50, (E) deduct $285, (F) deduct $1000.

W. J. Scott, Stockton, (A) $59,238, (B) $62,383, (C) deduct $3780, (D) deduct $200, (E) deduct $375, (F) deduct $1500.

Goolds & John, Stockton, (A) $59,573, (B) $63,173, (C) deduct $4210, (D) deduct $666, (E) deduct $310, (F) deduct $1200.

Mellin & Taylor, Stockton, (A) $60,858, (B) $64,358, (C) deduct $3780, (D) deduct $470, (E) deduct $—, (F) deduct $1700.

Eagan Construction Co., S. F. (A) $63,808, (B) $65,308, (C) deduct $4000, (D) deduct $108, (E) deduct $300, (F) deduct $3000.

J. F. Shepherd, Stockton, (A) $62,000, (B) $63,750, (C) deduct $2988, (D) deduct $275, (E) deduct $560, (F) deduct $1800.

Painting for Fremont School Exterior D. E. Burgess, Stockton, awarded contract; sand blastering $790, painting $450. This was the only bid received.

No bids were received for the interior painting of the Fremont School so new bids were ordered.

ORANGEHURST, Tulare Co., Cal. — Until Aug. 15, 7 p. m., bids will be rec. by Andrew Chalmers, clerk, Rocky Hill School District to erect one classroom addition to present school, including works. Ernest J. Kump Co., architects, Rowell Bldg., Fresno. Cert check 10% payable to clerk req. Plans obtainable from architect.

BANKS, STORES & OFFICES

Plans Being Prepared.
ADDITION Cost, $150,000
FRESNO, Fresno Co., Cal., L & Fresno streets.
Four-story fireproof addition to Holland Building.
Owner—W. B. Holland, Fresno.
Architect—R. L. Felchlin, Bank of Italy Bldg., Fresno.

Sub-Contracts Awarded.
BANK Cost—
OAKLAND, Alameda Co., Cal., E-14th St. & 23rd Ave.
One-story class A Bank 60x50.
Owner—Oakland Bank.
Architect—Reed & Corlett, Oakland Bank of Savgs. Bldg., Oakland.
Contractor—Chas. Heyer Jr., Oakland, Mills Bldg., S. F.
Reinforcing steel awarded to Edw L. Soule Co., S. F.
Mill work to Braas & Kuhn, S. F.
Glass to W. P. Fuller Co.
Ornametal Iron to Pacific Iron Works.

WANTED

First class mill work estimator. Must be able to list from plans on large or small buildings and bill and detail special mill work for our factory in Stockton, California, employing about 25 men. Must have good selling ability. State experience, age, and salary wanted. Permanent position and advancement for one qualified.

Fisher Bros. Planing Mill
141-151 W. Channel St., Stockton
8-25

Completing Plans.
STORE Cost—
SAN FRANCISCO, S Union bet. Buchanan and Webster Sts.
One and 2-story reinforced concrete store and hall bldg.
Owner—Samuel H. Levin.
Architect—Reid Bldg., 105 Montgomery St., San Francisco.

Electric & Heating Contracts Awarded —Mill Work Bids Being Taken.
STORE & OFFICE Cost $130,000 each
SAN FRANCISCO, S Market, 75 and 112-6 W 7th.
Two 3-story, basement and mez. floor reinf. conc. store and office bldgs.
Owner—Marian Realty Co., 1171 Market St., San Francisco.
Architect—D. C. Coleman & W. B. Wagnon, 1141 Market St., San Francisco.
Electrical work to H. F. Haverkamp, 1148 Market St.
Heating to Atlas Heating and Ventilating Co., 557 4th St.

Construction To Start Shortly.
STORE & LOFT $130,000 to $150,000 ea
SAN FRANCISCO, S Market E 8th.
Two 3 or 4-story reinforced concrete store and loft buildings.
Owner—Marian Realty Co., 1171 Market St., S. F.
Architect—D. C. Coleman, 1171 Market St., San Francisco.

Excavating Contract Awarded—Sub-Figures Being Taken.
STORE Cost, $125,000
OAKLAND, N Broadway 150 S 19th St.
Four-story and basement reinforced concrete store bldg.
Owner—Smith Bros.
Architect—Wythe & Blaine, Central Bank Bldg., Oakland.
Contractor—Chas. W. Heyer, Mills Bldg S. F. and Dalziel Bldg., Oakland.
Excavating awarded to J. Catucci, 1212 18th Ave., Oakland.
Reinforcing Steel bids In.

Contract Awarded.
STORE BLDG. Cost, $17,000
BERKELEY E College Ave. 60 N Ashby
One-story 4-room class C store bldg.
Owner—Mrs. A. Stover,(San Luis Obispo, Berkeley.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—E. L. Young, 328 Porter Bldg., Woodland, Cal.

Segregated Figures To Be Taken Next Week.
OFFICE BUILDING Cost, $150,000
BERKELEY, University Avenue, near Shattuck.
Six-story and basement class A store and office bldg. for doctors and dentists; 2 stores and 60 offices.
Owner—Fred Koerber and Henry Bischoff, Berkeley.
Architect—Name withheld.
Bids will be taken by R. W. Thomas of the Berkeley Building Co., Solano and Colusa Sts., Berkeley, who will have charge of construction.

Figures To Be Taken Shortly.
OFFICE BLDG. Cost, $30,000
SAN FRANCISCO, 12th Ave. & Clement Street.
Two-story reinforced concrete store & office bldg. 70x75.
Owner—Withheld.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Figures will be taken for a general contract.

Contracts Awarded.
STORE Cost, $18,000
RICHMOND, Contra Costa Co., Calif., NW 6th and Macdonald Ave.
One-story hollow tile store bldg., 50x108 (4 stores).
Owner—Herman & Martha Bucking.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
General contract to P. M. Sanford, Builders Exchange, Richmond, at $10,489.
Plastering to A. H. Winchcole, Richmond
Plumbing to W. D. Ryan, Richmond.
Electrical work to V. G. Elec. Co., Richmond.
Brick work to Jas. Walker, Richmond.
Concrete work to Frank Ausez, Richmond.
Sheet metal to Spirsch Bros., Richmond
Glass to W. P. Fuller Co., Richmond.
Painting to Richmond Roofing Co., Richmond.

"Save the surface and you save all" — Paint & Varnish

Floorseal

a Preservative Floor Dressing

A new material for sealing, preserving and finishing magnesite, concrete, wood and linoleum floors at a low cost per square foot.

FLOORSEAL has been developed by our research department for cement floors, offices, school rooms and general industrial use.

This new product penetrates deeply and seals the pores of flooring materials making them water and oil proof. It dries to an eggshell gloss finish that resists wear, is easy to clean and looks extremely well. Because it contains no wax, creosote or non-drying oil it does not collect dust. FLOORSEAL prevents powdering of composition on cement floors and splintering of wooden floors.

FLOORSEAL can be put on with a rag, mop or brush. Because no skill is necessary to apply it, a janitor or night watchman can do the work—and the material figures lower per square foot covered than any other material intended for a like purpose.

FLOORSEAL dries in ten hours. It can be applied at night and walked on the next morning. A light coat can be walked on almost immediately. For this reason it is especially adapted for application to floors that are in constant use.

A generous sample will be furnished Free of charge upon request. Write on your letterhead to Dept. B. 1.

FULLER
PAINTS Since 49 **VARNISHES**

301 Mission Street, San Francisco, California

Contract Awarded.
ADDITION Cost, $150,000
ALAMEDA, Park St. and Santa Clara Avenue.
Two-story reinforced concrete bank & office bldg. addition.
Owner—Citizens Bank.
Architect—Wm. Knowles, Central Bank Bldg., Oakland.
Contractor — Wm. Knowles, Central Bank Bldg., Oakland.

Plans to be Prepared.
OFFICE BLDG. Cost, $——
OAKLAND, Alameda Co., Cal. NE Hobart and Webster Sts.
Fireproof office building, 125x100.
Owner—Builders' Exchange of Alameda County, 351 12th St., Oakland.
It will contain offices for members of the exchange, show rooms, a permanent building industry exhibit, an assembly hall, and quarters for contractors, architects and others allied with the building industry, will be available
The purchase of the site is being financed by members of the organization.
T. D. Sexton, plastering contractor, is chairman of the finance committee. Assisting him are L. C. Fraser and Harry McManus. E. M. Tilden, President of the exchange has taken a leading part in the negotiations leading up to the purchase. Robert Smith, Sexton and Fraser also comprise the building site committee.

Contract Awarded .
STORES Cost, $10,000
SAN FRANCISCO. W Mission 30 S 21st Street.
Two-story reinforced conc. (2) stores
Owner—Wm. H. Woodfield Jr.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—Henry Jacks and W. K. Irvine, 1387 Hayes St., S. F.

Low Bidder.
STORE AND LOFT Cost, $140,000
OAKLAND, Alameda Co., Cal. NW 11th and Clay Sts.
Two-story and basement reinforced concrete brick, cast cement and terra cotta store and loft building.
Owner—John Havens.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
The lowest bid on the general contract was submitted by Alfred H. Vogt, 185 Stevenson St., San Francisco A complete list of the bids will be given tomorrow.

Contract Awarded.
ADDITION Cost, $14,000
SAN FRANCISCO, NE Kansas and 24th Streets.
Addition of 1 story (concrete) to bldg. for offices.
Owner—Bass-Hueter Paint Co., 24th & Kansas Sts.
Engineer—W. H. Ellison, Pacific Bldg. San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded For Erection of Steel
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Erection of steel awarded to J. G. Williams Constr. Co., 519 California St. San Francisco.
Bids for other portions of the work will be taken shortly.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., have completed plans and are taking bids for erecting a 12-story and basement class A store and office bldg., at s.e. cor. of Hollywood Blvd. and Vine St. for the Taft Realty Co. All work will be included in one contract. Dimensions, 120x137 ft., stores in first story, 29 offices on each of the upper fls.; reinf. conc., face brick and terra cotta exter; plate glass, marble and tile work, hardwood inter. trim, 3 elevators, steam htg., vacuum cleaning, ornam. iron, cost $850,000.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., have completed plans and are taking bids for erecting a 13-story and basement class A store and office bldg. at s.e. cor. of 8th and Olive Sts., for the Eighth and Olive Holding Co. All work will be included in one contract. It will be 55x168 ft., reinf. conc. frame and floors, brick filler walls, press. brick and terra cotta facing, plate glass, marble and tile work, hardwood trim, elevators, steam htg.; cost $700,000.

LOS ANGELES, Cal.—A. C. Blumenthal & Co., Loew State Bldg., will erect a 9-story and basement class A reinf. conc. store and loft bldg. on the west side of Broadway bet. 9th and 10th Sts. It will be 100x150 ft. and will cost $750,000. The bldg. has been leased to the Western Costume Co.

LOS ANGELES, Cal.—William Allen, 1005 Bank of Italy Bldg., has completed preliminary plans for a 3-story class C post office, store and apt. bldg., eo be erected at s.w. cor. 35th St. and Vermont Ave., for Amos O. Evans; will contain large sub-station post office, 8 stores and 40 single apts. Brick walls, 3-story and basement, 120x120 ft., comp rfg., press. brick and cast stone facing, cem. and hardw. fls., aut. elec. elevator, gas steam rads., unit water htr., tile baths and store entrances, plate glass, metal store fronts; cost $180,000.

PORTLAND, Ore.—Northwestern National Bank, Emery Olmstead, president is having plans prepared for a $200,000 addition to the present quarters at 6th and Broadway Sts. Will be two story fireproof. Construction will be started early in 1924.

LOS ANGELES, Cal.—See "Theatres" this issue.

LOS ANGELES, Cal.—Macdonald & Kahn, Loew State Bldg., will probably be the contractors on a percentage basis for erecting the nine-story and basement Class A addition on Hill St. for May Department Store. The building will be 60x155 ft., steel frame construction, terra cotta facing, and will cost $1,100,000. Albert C. Martin, 430 Higgins Bldg., architect. The May Co. has secured a lease on the adjoining 60 ft. of property and a duplicate of the present addition will be erected as soon as leases expire or possession can be obtained.

ANAHEIM, Orange Co., Cal.—Archt. M. Eugene Durfee, 5 Cassou Bldg., announces completion of plans for the new 6-story Kraemer Bldg., to be erected at corner E Center and Claudine Sts. Bids will be asked within 10 days. Bldg. will be 48x91 ft., 6-story & basement. The bldg will contain the Commercial & Savings Bank on the ground floor and basement; the upper floors will be rented for offices. Terra cotta and enameled brick exter., hardw., tile and marble inter. trim; elevator; modern htg. plant.

THEATRES

LOS ANGELES, Cal.—A. Godfrey Bailey, 410 Junior Orpheum Bldg., is completing plans for a Class C theatre, store and apartment building, to be erected at the corner of Pasadena Ave. and Avenue 56, for S. E. Philpott and J. A. Lewis; will contain 9 stores, 8 single apartments and movie theatre to seat about 900 people. Brick, 2-sto. and basement, pressed brick and terra cotta facing, steel roof trusses, composition roofing, steam heating system, unit water heater, plate glass, copper store fronts, tile baths, drainboards, and store entrances, wall beds; the West Coast Theatres, Inc., is the lessee. Bids will be taken this week by invitation only.

SANTA MONICA, Cal—Venice Investment Co. has secured a permit to erect a 3-story brick theatre and apt. bldg. at 1301-13 3rd St., Santa Monica. Cost, $125,000. The bldg. will contain modern theatre with 20 apts. above.

PORTLAND, Ore.—See "Miscellaneous Building Construction," this issue. Amusement park, etc.

RENO, Nevada.—George A. Schastey has been appointed superintendent of construction for the proposed changes to be made in the Rialto Theatre and construction will be started immediately, according to an announcement of the Reno Amusement Company, of which M. Naify is manager. Approximately $70,000 will be expended in improvements.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
CHIMNEY Cost, $18,946
SAN FRANCISCO. Stevenson, Fifth, Jessie and Sixth Sts.
Reinforced concrete chimney for steam station.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—The Heine Chimney Co., 703 Market St, San Francisco.

Completing Plans—Sub-Fgures to be Taken Shortly.
LOFTS, ETC. Cost, $100,000 Approx.
SAN FRANCISCO. Stevenson St. and Mint Avenue.
Eight-story and basemen treinforced concrete building (fire department and lofts).
Owner—Hale Bros.
Architect—Geo. de Colmesnil, Chronicle Bldg, San Francisco.
Contractor — MacDonald & Kahn, 132 Montgomery St., San Francisco.

SAN FRANCISCO — Board of Public Works requests supervisors to authorize call for bids to clean and paint bridges at the following locations: 3rd and Channel; 3rd and Islais Creek; 4th and Channel and 6th and Channel sts. Work will be done under supervision of city engineer's office.

SACRAMENTO, Cal.—See "Miscellaneous Engineering Construction" this issue.

CALIFORNIA—The California Highway Commission has awarded a contract to D. E. Burgess, 601 S-California St., Sacramento, for painting ten bridges in the counties of San Benito, San Luis Obispo, Santa Barbara and Monterey. Contract price, $43,908.

POMONA, Cal.—The city council will probably call for bids shortly on the construction of live stock pens, grandstand and other bldgs. for the L. A. County Fair. A bond issue of $75,000 has been voted and the bonds will be disposed of at once.

LOS ANGELES, Cal—The Foundation Co., Higgins Bldg., has been awarded the general contract at about $280,000 for erecting a 4-story and basement class A bldg. at 7th St. and Santa Fe Ave. for the Southern California Gas Co. Curlett & Beelman, 408 Union Bank Bldg., archts. Dimensions, 140x250 ft., reinf. conc. constr., stucco exter., cast stone trim, comp. rfg., metal skylights, steel sash, elevators, heating, sprinkling equipment.

PORTLAND, Ore. — Architect Chas. W. Ertz, Pittock Blk., has completed plans for auto stage terminal, to be known as Interstate Terminal Building, at 5th, 6th, Salmon and Main Sts. Will be 80 by 200 ft., two story, basement and mezzanine of concrete and stucco construction. General contract figures will be asked shortly. Construction is estimated at $150,000.

PORTLAND, Ore. — Architect Wm Bruce, Journal Bldg., preparing plans to improve six acre tract on Slaven road near 2nd St., for V. A. Kotten, who plans an amusement park. Buildings to be erected will be an amusement and lecture hall, 230-ft. bq 125-ft. 75-ft .high with apex roof, clear floor area of 100 ft. span; cafe and observation tower will be 70 by 70 ft. Other improvements consist of tennis courts, water foundations, sunken gardens, etc.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be had from Foreign and Domestic Trade Bureau of Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

7294 — Santiago, Chile. Established firm desires to represent, on a commission basis, manufacturers, producers, or exporters of the following: paraffine wax, rosin, tinplate, California rice, Oriental rice, copra, turpentine, tallow, lumber, salmon, sardines, condensed milk, jute bags, etc.

7300—Luederitzbucht, South West Africa. Owners of diamond mines want to act as agents for mining implements. Communication also desired with manufacturers of wire, cloth, brass and galvanized iron, textiles, belding, shovels, etc.

7307—Sydney, Australia. Firm desires to represent manufacturers of labor saving machinery and hardware.

7308—Great Britain. Firm wishes to introduce their Sheffield table cutlery on this market. A jobber preferred as representative.

7309—San Francisco, Cal. Gentleman with wide corresponding and selling experience with foreign trade firms, fluent knowledge of French and Spanish, desires to represent San Francisco firms who are extending their market to Latin America. High references given.

D-699—San Francisco. Opportunity to purchase complete mailing service with all necessary equipment. Will sell direct to buyer only. Willing to make terms to suit if necessary, is a paying proposition.

D-700 — New Orleans. Merchandise broker desires to represent San Francisco firms seeking representation to New Orleans.

D-702—San Francisco. Salesman with 15 years' experience desires to represent San Francisco concern in Los Angeles. Available August 15th.

D-705—San Jose, Calif. Firm would like to get in touch with manufacturer of heavy wire racks for hats and coats such as are in service in large hotel lobbies.

D-707—Santa Barbara, Calif. Party in market for 900 feet 6-inch cast iron water pipe and 950 feet of 2-inch wrought iron water pipe all for domestic water service.

FOREST LABORATORY GIVES LESSONS ON WOOD PRODUCTS

Demonstration courses in the best and most economical use of the products of our forests are offered by the Forest Products Laboratory, Madison, Wis. The laboratory, primarily an institution for research, has gathered much useful information on the properties of wood and the use of wood products. A large part of the field for the practical application of this knowledge is in the industries, and it is for their representatives that these demonstration courses have been designed.

Details of the several courses offered for personal instruction are given in Miscellaneous Circulas No. 8 just issued by the United States Department of Agriculture. These courses are given in the kiln drying of lumber, boxing and crating, gluing of wood, and wood properties and uses. They are arranged to be completed in from one to two weeks and so that a fee of $100 to $150 will be sufficient to cover the cost of the course. The institution in these subjects aims to give not only basic knowledge, but its practical application to every-day problems. That these courses are a feasible means for such practical application is shown by letters from many men who have attended them, and from the companies they represent, telling of the problems solved by the knowledge gained at the laboratory.

Mallott and Peterson to Represent Weaver Roof Company in This District

The Weaver Roof Company of Los Angeles announce that after a careful survey of the Bay District they have chosen Malott & Peterson, Inc. to distribute "Weaver" roofing and other "Weaver" products here.

Sylvester L. Weaver states that in reaching a decision, he and his associates were influenced by the fact that the firm of Malott & Peterson, Inc., has been steadily forging ahead ever since its inception fifteen years ago, and has created for itself an enviable good will throughout the territory in which it operates.

The unusually good warehousing, trackage and other facilities afforded by Malott & Peterson, Inc. at San Francisco and at SanJose were also taken into consideration. The deal was clinched by the conviction that Malott & Peterson, Inc. can be relied on to provide the same high class service to the public for which the Weaver Roof Company itself is noted in the South. The genuine sincerity of purpose evidenced by The Weaver Roof Company in all of its dealings throughout the past twenty years, is said to have been the greatest single factor in the phenomenal success the company enjoys today.

It is expected that the honest, inbuilt quality of Weaver Roofing will very soon become as well known to architects, contractors, builders and owners as in the South. Weaver Roofing is made in various grades, weights and colors for all types of buildings.

CALIFORNIA SAFETY NEWS FOR JULY PROVES INTERESTING

The July issue of "California Safety News" is being distributed by the Industrial Accident Commission with offices in the Underwood Building, San Francisco.

"Recent Fatalities in California" show the need of intensive education in safety work. "Accident Prevention in Lumber Industry" gives a concrete example of results obtained. "Engineers Should Welcome the Boiler Inspector" indicates wherein the engineer can assist in protecting himself.

"Three Fatal Accidents Due to the Dropsy or the Falling Habit" are examples of accidents that are due to thoughtlessness or carelessness. "Safety and first-Aid" is a notice of the first industrial first-aid meeting to be held at Sacramento on Labor Day, September 3, 1923.

"Tribute to Commissioner A. J. Pillsbury" by Will J. French is a short statement of the work of Mr. Pillsbury during his years on the Industrial Accident Commission.

"Safety Information for Young and Old" is full of interest. "Elevator Gates" call attention to the necessity of keeping freight elevator gates in good working order. Preventing Dust Fires and Explosions" is of particular interest to the various industries in which a fine dust is produced.

"Reported Instances of Successful First-Aid Treatment" tells of cases in which knowledge of first-aid methods has been put to practical use, saving life or suffering. "What is Safety Engineering" gives some of the difficulties encountered by the Safety Engineering Departments in Industry.

COBBLEDICK & KIBBE COMPANY HANDLING EASYSET STORE FRONTS

Of considerable interest to architects and contractors is the announcement of the Cobbledick-Kibbe Glass Company of San Francisco and Oakland regarding the acquisition of the "Easyset" System of Metal Store Front Construction.

The "Easyset" System is used extensively in store fronts throughout the country, and is now offered to the trade in San Fraocisco and surrounding territory. On account of its attractiveness, durability and moderate cost, the "Easyset" Bars and Sash Mouldings should meet with a very favorable reception by those interested in building construction.

The Cobbledick-Kibbe Glass Company will carry a complete stock of the various products of the "Easyset" Company in their San Francisco office located at 666 Howard street.

In the past eleven years the United States Department of Agriculture has spent $20,435,200 in the construction of 5950 miles of roads and 8960 miles of trails within or adjacent to the national forests. Aside from this $7,446,000 of co-operative funds from states and counties was expended in this construction.

In addition to a bond issue of $7,500,000 for harbor improvements, the City of Oakland plans to vote $10,000,000 to finance construction of new schools and additions to standing structures.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

Official Proposals

NOTICE TO BIDDERS

(Diversion Dam and Pipe Line—Town of Suisun)

Notice is hereby given that sealed bids or proposals will be received by the Clerk of the Town of Suisun City, County of Solano, State of California, **until 8 o'clock P. M., on Tuesday, the 7th day of August, 1923,** for the doing of the following described Municipal work and for the furnishing of the materials therefor, to wit:

The furnishing of the materials and installation of approximately twelve and one-half cubic yards of reinforced concrete, 1660 linear feet of 14 gauge, 14 inch diameter, pure iron, slipjoint pipe with accessories, including excavation and backfill, all in accordance with the plans and specifications therefor, adopted by the Board of Trustees of the said Town of Suisun City, at a regular meeting of said Board, held on the 3rd day of July, 1923.

Said plans and specifications are now on file and can be studied, at the Office of the Clerk of the Town of Suisun City, or at the office of Jesse B. Holly, Civil Engineer, 2910 Telegraph Avenue, Oakland, California Bidding blanks may be obtained at either of the above mentioned offices.

Bids or proposals shall be inclosed in substantial sealed envelopes and addressed to the Clerk of the Board of Trustees of the Town of Suisun City and endorsed, "Proposals for Pipe Line Construction."

Bids must be for the complete work and materials specified, and must be accompanied by a certified check upon a solvent bank in the State of California, payable to the President of the Board of Trustees of the Town of Suisun City, for the sum of not less than ten (10) per cent of the total bid, conditioned that if the contract is awarded and if the bidder shall fail or neglect to execute the contract and furnish the bond required as set forth in the said specifications, the sum mentioned in said check shall be liquidated damages for such failure and neglect and shall be forfeited to and paid into the Treasury of the said Town of Suisun City.

Said Board of Trustees reserves the right to reject any and all bids and proposals, and to waive any informality in any bid, as the interests of said Town may require.

By order of the Board of Trustees of the Town of Suisun City.

Dated July 19, 1923.

W. W. R. REEVES,
City Clerk and ex-officio Clerk of the Board of Trustees of the Town of Suisun City, California.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on August 27, 1923,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, protions of State Highway as follows:

Placer County, between Roseville and Lincoln (III-Pla-3-A), about one and one-tenth (1.1) mile in length to be paved with Portland cement concrete.

San Joaquin County, between Westerly Boundary and Banta, (III-S. J.-5-A), of about eight and one-tenth (8.1) miles in length, to be paved with water bound macadam shoulders.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rates: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Los Angeles County, between Santa Clara River and a point one-fifth mile easterly thereof (VII-LA-23-B), about two-tenths (0.2) mile in length, to be paved with Portland cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: July 30, 1923.

NOTICE TO CONTRACTORS

(Merced Union High School District)

The Board of Trustees of the Merced Union High School District, Merced, California, will receive sealed proposals up until **eight o'clock p. m., August 14, 1923,** at the office of the Clerk in the High School Building, Merced, California, at which time and place said bids will be opened and read in public for furnishing the required labor and materials for the erecting and completing the proposed new machine shops and manual training building, and a Cafeteria Building on the present High School lot, in accordance with the plans and specifications prepared therefore by Allison & Allison, Architects, 1405 Hibernian Building, Los Angeles, and W. E. Bedesen, Engineer, 21 Shaffer Building, Merced, California, associated.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Cashier's or certified check or Bidder's bond for an amount not less than 5% of the amount of the bid shall accompany each proposal, drawn payable to the order of H. K. Landrum, Clerk of the Board, as a guarantee that the bidder will within five days after being notified of the acceptance of his bid, enter into a contract with the said High School Board in accordance therewith and shall furnish a surety bond in the full amount of the contract, as required by the specifications. Said check or bond to be forfeited to the said Merced Union High School District should the bidder fail to execute the contract and furnish bond as above mentioned.

All bids to be made on forms furnished by the Engineer. Plans and specifications for the work may be seen at the office of the Engineer, where they may be procured for bidding. One complete set will be on file in the High School at Merced. A deposit of $15.00 will be required from the contractors receiving plans. Said deposits will be refunded to bidders when plans and specifications are returned in good condition.

The said High School Board reserves the right to reject any and all bids and to waive any informality in any bid received.

By order of the Trustees of the Merced Union High School District, Merced, California.

By H. K. LANDRAM, Clerk.

OFFICE OF THE SUPERINTENDENT OF CONSTRUCTION, ROOM 402, U. S. POST OFFICE BLDG., SAN FRANCISCO, CALIF.

WATER TANK, UNDERGROUND WATER SYSTEM, & SALT WATER SYSTEM FOR FIRE PROTECTION, U. S. QUARANTINE STATION, PORT TOWNSEND, WASHINGTON.

INVITATION FOR PROPOSALS

SEALED PROPOSALS will be received at this office **until 12 o'clock M., on the 29th day of August, 1923,** and then opened, for the construction of water tank, underground water system, and salt water system for fire protection, at the U. S. Quarantine Station, Port Townsend, Wash., in accordance with the specification and drawing. Drawing and specification may be obtained from the Custodian, U. S. Quarantine Station, Port Townsend, Washington, or at this office, in the discretion of the Superintendent.

WM. ARTHUR NEWMAN,
Superintendent.

NOTICE TO CONTRACTORS

(Lodi Grammar School District)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Lodi Grammar School District, Lodi, California, at the office f the Clerk of said Board at No. 110 West Pine Street, located in the town of Lodi County of San Joaquin, State of California, **until 8 o'clock P. M., Monday, August 13th, 1923,** for an addition to the Salem School building to be built in Lodi, California, according to plans and specifications prepared by J. F. Watson, the authorized architect.

Bids will be received for the erection and completion of the addition as a whole, which includes masonry, carpentry, plumbing, painting, etc. Plans and specifications can be seen at the office of J. F. Watson, Architect, No. 403 East Pine Street at Lodi, California. A deposit of $5.00 will be required from all bidders on all copies of plans and specifications loaned out as a guarantee of the same being returned.

All bids shall be presented on blank forms which may be procured at the office of the Architect. Each bid must

be accompanied by a certified check on some responsible California bank for a sum of not less than ten per centum (10%) of the amount of the bid, made payable to Wm. H. Faust, Clerk of the Board of Trustees, as a guarantee of good faith that the party to whom the contract may be awarded will, within ten days after the award is made, enter into the necessary agreement and furnish the necessary bonds for the faithful performance of said work, and in case the bidder to whom the contract is awarded fails or refuses to enter into said agreement, or to furnish said bonds, said check will be forfeited to the said School District in the manner provided by law. Each bid must be enclosed in a sealed envelope and addressed to Wm. H. Faust, Clerk of the Board of Trustees of Lodi Grammar Schools, Lodi, California, and endorsed "Proposals for Building Addition to Salem School." The Board of Trustees expressly reserves the right to reject any or all bids.

By order of the Board of Trustees of Lodi Grammar School District, Lodi, San Joaquin County, California.

JOHN J. FINK,
GEO A. KEAGLE,
WM. H. FAUST,
Trustees.

NOTICE TO BIDDERS

(Pumping Unit—Burlingame)

Bids will be received up to **5:00 p. m., August 20th** at my office, City Hall, for the sale of one Luitewiler pumping complete with motor, switchboard and 5-in. cylinder; also one Pomona pump with 8-inch cylinder, all in first class condition. Buyer to remove same from Property. A certified check for ten per cent of the amount bid must accompany proposal.

J. R. MURPHY,
City Clerk.

Burlingame, Cal., July 23rd, 1923.

NOTICE TO CONTRACTORS

(Tranquillity School District)

Notice is hereby given that the Board of Trustees of the Tranquility School district of the County of Fresno, State of California, will receive sealed bids for the furnishing of all labor and materials necessary in the erection and completion of a two room elementary school building, including works, according to plans and specifications prepared for same by the Ernest J. Kump Company, Architects, of the City of Fresno, County of Fresno, and in strict accordance with the Bids and Alternate Bids asked for in specifications.

Said sealed bids will be received up to and including **3 P. M., of the 14th day of August, 1923,** by the undersigned Clerk of the Board at the town of Tranquillity, County of Fresno, State of California.

Said sealed bids must be accompanied by a Certified Check in a sum equal at least 10% (ten per cent) of the amount of Bid to do the work mentioned and made payable to the undersigned Clerk of the Board as a guarantee that the bidder will execute proper contracts and bonds in case the contract is awarded to him by reason of his Bid.

Plans and specifications are on file with the undersigned Clerk of the Board, and additional copies may be obtained at the offices of the Architect.

All bids to be made out on Blank forms furnished by the Architects.

The successful bidder will have to give a satisfactory bond in the sum of 50% covering labor and materials and an additional 25% bond for the faithful performance, as fully set forth in specifications.

The Board of Trustees, as Owners, reserves the right to reject any or all bids or alternate bids or any part or parts of any bids or alternates received and reject the balance thereof, and to waive any informality in any bids or alternates received.

All bids to be addressed to K. O. Whitson, Clerk of the Board of Trustees of Tranquillity school district, County of Fresno, State of California.

BY ORDERS OF SAID BOARD OF TRUSTEES:

K. O. WHITSON,
Clerk of Board.

NOTICE TO BIDDERS

Elementary School, City of Sacramento

The Board of Education of the Sacramento City School District will receive sealed proposals at or **before 7:30 P. M., Monday, August 20, 1923,** at the office of the Board of Education of the Sacramento City School District, City Hall Building, Sacramento, California, at which time and place bids will be opened and read in public for furnishing the labor and material for erecting and completing the proposed Elementary School Building to be located adjacent to the Riverside Road in the City of Sacramento, State of California, in accordance with plans and specifications prepared by Woolett & Lamb, Architects, 99 Mull Building, Sacramento, California. Bids will be received separately for the following classes of work:

1. General Contract for Building.
2. Electrical Wiring.
3. Plumbing.
4. Heating.
5. A Combination bid of divisions of the work.
6. Alternate bids.

All bids must be accompanied by a check certified to by some responsible bank for 10 per cent or more of the amount of the proposal. In case this proposal is accepted, in whole or in part, and the bidder fails to enter into contract for the performance of said work or give an acceptable surety bond in the sum of 50 per cent of the amount of the contract to secure the faithful performance thereof, within fifteen days after such acceptance, then this certified check will be forfeited and retained by the Board of Education of the Sacramento City School District as liquidated damages for failure to carry out this proposal. Such contract and bond shall be in such form and of such contents as shall be satisfactory to the Board of Education of the Sacramento City School District.

All bids to be made out on forms furnished by the Architects.

Plans and specifications may be obtained from Woolett & Lamb, Architects, 99 Mull Building, Sacramento, California.

A deposit of $15 will be required from all contractors receiving plans, said deposit to be refunded when plans and specifications are returned in good condition.

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids and to waive any informality in any bids received.

By order of the Board of Education of the Sacramento City School District, Sacramento, California.

By CHAS. C. HUGHES,
Secretary.

NOTICE TO BIDDERS

(Modesto Board of Education)

Notice is hereby given that the Board of Education of the Modesto City School District, County of Stanislaus, State of California, will be at the offices of said Board at the High School Building on H street, Modesto, California, on the **13th day of August 1923, at 8:00 P. M.** of that day receive and consider sealed bids as follows:

1. For the sale of the two-story frame building situated on the Sixth Street School grounds, at I and 5th streets, in the City of Modesto, California. Bidders to submit their proposals with the understanding that the purchaser shall remove the building from the school grounds within a reasonable time after its purchase and that the grounds shall be left clear.

2. For furnishing equipment and installing an electric clock system in the Junior College Building now under construction. Plans may be seen at the office of the Secretary of the Modesto City Board of Education, High School Building, Modesto, California, or at the office of J. M. Nightengale at 934 10th Street, Modesto, California.

3. For 150 school desks to be delivered on or before September 1, 1923.

All bids must be sealed and filed with the Secretary of the Modesto City Board of Education prior to 8:00 P. M. on the 13th day of August, 1923, and be accompanied by a certified check on some solvent bank of the State of California for ten per cent of the amount of the bid submitted, which check shall be made payable to the President of the Modesto City Board of Education, which check is required as guarantee that the successful bidder will within two days after the notice of award of the contract to him enter into a satisfactory contract with the Board of Education, the amount thereof to be retained as liquidated damages in event said contract is not entered into by such contractor.

The Board of Education reserves the right to accept and reject any and all bids.

KATHLEEN G. PREWETT,
Secretary of the Modesto City Board of Education, Modesto, California.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on **August 15, 1923,** for Grading, Construction of Culverts and placing a gravel surface, on portions of the State Highway System in Lincoln County as follows:

Bids received until, and opened at 1:30 P. M.
- Section 1—from Caliente to Peck
- Section 2—from Peck to 3 miles north of Panaca.
- Section 3—from 3 miles north of Panaca to Pioche.

Bids received until, and opened at 2:30 P. M.
- Combination of foregoing three sections Caliente to Pioche.

Bids received until, and opened at 3:30 P. M.
- Section 4—for constructing a timber trestle over the Meadow Valley Wash.

Bids may be submitted on any one or all of the sections.

Plans may be examined and form of Proposal, Contract and specifications secured at office of undersigned; may also be examined at the County Clerk's office in Pioche; at the Division Engineers' office in Las Vegas, Reno, or Elko, and District Office of Bureau of Public Roads, Bay Bldg., San Francisco, California. Cash deposit of fifteen ($15.00) dollars with the undersigned required for copy of plans which will be refunded on their return in good condition. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications.

Right is reserved to reject any or all bids

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada

HIGHWAY IMPROVEMENT BIDS WANTED

NOTICE TO BIDDERS

Office of the Clerk of the Board of Supervisors of Contra Costa County, State of California

NOTICE IS HEREBY GIVEN that sealed bids will be received by the Clerk of Board of Supervisors of Contra Costa County, State of California, at his office **until 11 o'clock A. M. on Monday, August 20, 1923,** for the furnishing of all labor and materials and machinery necessary for the grading and gravelling of Division No. 35 of the County Highway in Supervisor District No. 5, which said Division lies on Section line between Section 31, T. 2 N., and Section 6, T. 1 N., R. 3 E., and is one mile long, in accordance with plans and specifications adopted by this Board on July 16, 1923.

Plans and specifications for this work are on file in the office of the Clerk of the Board of Supervisors of Contra Costa County, State of California, to which bidders are hereby referred

Bids shall be marked "Bids for Grading and Gravelling Division No. 5."

Notice is hereby further given that preference will be given first to bidders using materials manufactured or produced in the County of Contra Costa, and second that preference will be given to local bidders residing in Contra Costa County where bids are equal.

All bids must be accompanied by a certified check on some solvent bank or a cash deposit in a sum equal to ten per cent of amount bid on whole contract conditioned that if the contract is awarded to the party submitting the accepted bid, he will enter into a contract or contracts and furnish such bonds as may be required by said Board, within five days after notice of such award, or failing so to do the amount of such cash deposit or certified check will be forfeited as liquidated damages for such failure.

All checks to be made payable to order of the clerk of the Board of Supervisors of Contra Costa County, State of California.

The Board reserves the right to reject any and all bids and to waive any informality in any bid received.

By order of the Board of Supervisors of Contra Costa County, State of California.

Dated: Martinez, California, July 16, 1923.

J. H. WELLS,
Clerk of the Board of Supervisors of Contra Costa County.

NOTICE TO BIDDERS

(Motor Fire Apparatus-Woodland, Cal)

NOTICE IS HEREBY GIVEN that bids will be received by the undersigned at his office, Rooms 323-324 Porter Building, Woodland, California, up to the hour of **9:30 A. M., August 13th, 1923**, for the sale of the following to the City of Woodland:

1. One (1) motor-propelled combination 750 gallon per minute pumper and hose cart.
2. One (1) motor-propelled combination chemical and hose car.

All bids shall be submitted in accordance with the specifications therefor on file and of record in the office of the City Clerk of the City of Woodland, to which specifications all bidders are hereby referred to for further particulars.

Separate bids shall be submitted on the two (2) pieces of apparatus above named and shall be inclosed in separate sealed envelopes, in one case to be marked "Bids for Combination Pumper and Hose Car" and in the other case to be marked "Bids for Combination Chemical and Hose Car."

All bids shall be accompanied by a check certified by a responsible bank in a sum equal to five per cent (5%) of the amount bid.

The Board of Trustees of the City of Woodland hereby reserves the right to reject any and all bids.

Said bids will be publicly opened before the said Board of Trustees at the hour of 10:00 o'clock A. M. on August 13th, 1923.

By order of the Board of Trustees of the City of Woodland.

Dated: Woodland, California, July 25, 1923.

(Seal).

(Signed) J. H. LAUGENOUR,
City Clerk of the City of Woodland.

NOTICE TO CONTRACTORS

(Lake County Hospital Annex)

NOTICE IS HEREBY GIVEN by the Board of Supervisors of Lake County, California, that bids will be received by said Board for the erection and construction of an Addition to the present Hospital.

Plans and Specifications may be obtained from the Clerk, Fred H. Merritt, Lakeport.

A deposit of Ten Dollars ($10.00) will be required for each set of plans.

All bids will be opened by the said Board of Supervisors on the **13th day of August, 1923,** at the Court House in the Supervisors Chambers, at **11 o'clock** and all bids must be delivered to Clerk on or before that hour, enclosed in sealed envelopes and marked on the outside "Bid for Construction of Addition to Lake County Hospital."

All bids must be accompanied by a certified check, cash or a certificate of deposit equal to Ten per cent (10%) of the amount bid; checks or certificates of deposit to be made payable to the Board of Supervisors and to be returned to the party or parties whose bid or bids are not accepted, and to the party whose bid is accepted upon his entering into a contract with the said Board of Supervisors and giving such bonds as may be required by Law or said Board.

The Board of Supervisors reserves the right to reject any and all bids.

FRED H. MERRITT,
Clerk of the Board of Supervisors of Lake County, Lakeport, California.

NOTICE CALLING FOR BIDS FOR SEWAGE DISPOSAL PLANT FOR CITY OF TRACY

Sealed proposals for constructing the sewage disposal plant on property of the City of Tracy will be received at the office of the City Clerk, City Hall, Tracy, **until 8 P. M., on the 9th day of August**, and will be publicly opened and read in the Council Chamber of the City Hall, Tracy, on the 9th day of August after 8 P. M.

All proposals must be made upon the blank forms of proposals prepared by the City, to be obtained from the City Clerk, Tracy, or from Clyde F. Smith, Consulting Engineer, 516 Santa Barbara Road, Berkeley, California.

The work to be done consists of excavation, grading, reinforced concrete construction, piping and installation of all machinery, boring of well and laying of the outfall sewer. In general, the work to be done consists of all construction work and materials necessary to build the sewage disposal plant as shown on the plans of Clyde F. Smith, Consulting Sanitary Engineer, and W. D. Harrington, City Engineer of Tracy.

The following units are to be bid upon:

1. Outfall sewer, 18 inch concrete, vitrified or wood stave pipe, about 6400 feet.
2. Two units of Imhoff tanks with appurtenances, including sludge drying beds.
3. Dosing tank with Miller Siphon
4. Trickling filters with all appurtenances.
5. Three units of secondary settling tanks with appurtenances.
6. Pump house with gasoline motor and two pumps.
7. Overflow bypass 12 inch concrete, vitrified or wood stave pipe, about four hundred (400) feet.
8. Boring well

The work is to commence within ten days of the signing of the contract and is to be finished by November 30, 1923.

Plans and specifications may be consulted at the office of the City Clerk, Tracy, or at the office of Clyde F. Smith, consulting Sanitary Engineer, 516 Santa Barbara Road, Berkeley, Calif. Sets of plans and specifications may be obtained from the Consulting Sanitary Engineer or City Engineer upon deposit of fifteen dollars, ten dollars of which will be returned upon receipt of bona fide bid.

All bids must be accompanied by a certified check, certificate of deposit or draft, or cashier's check or draft, payable at sight to the City Clerk in an amount equal to ten per cent of the bid. Unsuccessful bidders' checks will be returned when contract is awarded. Successful bidder's check will be returned when contract is signed and bond furnished.

The bond to be furnished by successful bidder is to be in a sum equal to fifty per cent of the amount of the contract as material and labor bond as well as a bond for twenty-five per cent of the contract for faithful performance.

The city reserves the right to reject any or all proposals, or to increase or decrease the amount of any class or portion of the work.

Done by order of the Board of Trustees of the City of Tracy

Dated this 20th day of July, 1923.

GEO. L. FRERICHS, Clerk.
By EDITH FRERICHS, Deputy.

NOTICE TO CONTRACTORS

(Drainage District No. 200, Butte County)

NOTICE IS HEREBY GIVEN by the Board of Directors of Drainage District Number 200 of Butte County that they will receive sealed proposals or bids for the construction of the following levee and ditch work for Drainage District Number 200 of Butte County, according to plans and specifications therefor, which can be seen at the office of the District in Oroville, Butte County, California, or at the office of W. W. Green, the Engineer of the District, at Biggs, Butte County, California; the work to be done consists of the construction of a protection levee along or near the West line of Drainage District Number 200 to restrain the flood waters of the Cherokee Canal; the construction of two drainage ditches along or near said levee, the removal of the present East Levee of the Cherokee Canal for a distance of six hundred (600) feet Southerly from the intersection of the Western Canal with said Levee, and the placing of the removed earth on the side of the proposed levee, all of which work is designated in the plans and specifications heretofore adopted by the Board of Directors as the "Cherokee Levee Work, Lateral B 2 and Lateral B 13."

Said proposals will be opened at a special meeting of the Board of Directors to be held in the office of the District in the Assembly Room of the Board of Supervisors of Butte County, in the County Court House, at Oroville, **on Wednesday, August 15, 1923, at 11 o'clock A. M.**, all bids to be accompanied by a Bidder's Bond, acceptable to the Directors of the District, or a certified check in ten per cent of the amount bid, which check shall be payable to the District in the event the contract for the doing of the work is not executed by the bidder.

The Board reserves the right to reject any and all bids.

Dated, July 23, 1923.

BOARD OF DIRECTORS OF DRAINAGE DISTRICT NUMBER 200 OF BUTTE COUNTY.
By G. A LATTEMORE,
President.
By CHARLES BLOOM,
Secretary.

GEORGE F. JONES,
Attorney for the District.

NOTICE TO CONTRACTORS

(Juvenile Detention Home, Modesto)

Pursuant to an order of the Board of Supervisors of the County of Stanislaus, State of California, made and entered on the 16th day of July, 1923, notice is hereby given that sealed bids will be received by the undersigned clerk of the Board of Supervisors of Stanislaus County, **up to and not later than the hour of 10:00 o'clock A. M. of the 14th day of August, 1923,** for the construction of a Juvenile Detention Home, in the City of Modesto, county of Stanislaus, State of California.

Said building to be constructed in accordance with the plans and specifications therefor on file in my office, where the same can be inspected by intending bidders during office hours.

All bids must be accompanied by a certified check or Cashier's check on some solvent bank of the State of California in a sum equal to ten per cent of the amount bid, conditioned that the successful bidder will enter into such contract and furnish such bond as may be required within ten days after such award, or failing so to do will forfeit the amount of such check as liquidated damages for such failure.

Bids to be submitted on special forms, which can be obtained from James H. Hoose, the Architect, whose office is in the Ramont Bldg., In the City of Modesto. A copy of the plans and specifications may also be obtained from said architect.

The Board reserves the right to reject any or all bids.

C. C. EASTIN, JR.,
Clerk of the Board of Supervisors of the County of Stanislaus, State of California.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on August 13,** at which time they will be publicly opened and read (1) for construction in accordance with the specifications therefor to which special reference is made, portions of State Highways as follows:

Sonoma County, between Beltane and Schellville (IV-Son-51-B), about eleven and five-tenths (11.5) miles in length, to be graded and surfaced with gravel.

San Mateo County, between San Bruno and San Mateo (IV-SM-2-A), about three and four-tenths (3.4) miles in length, to be paved with Portland cement concrete shoulders and an asphalt concrete wearing surface.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated July 16, 1923.

BIDS WANTED FOR CONCRETE STORAGE BINS

NOTICE TO CONTRACTORS

SEALED PROPOSALS, Indorsed "Proposals for Storage Bins and Trestle, Pearl Harbor, Hawaii, Specification No. 4772," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., September 12, 1923, and then and there publicly opened, for twelve storage bins and a trestle at the Naval Operating Base, Pearl Harbor, T. H. The storage bins will be of reinforced concrete construction, with reinforced concrete columns supported by footings of plain concrete. The trestle will be of structural steel supported by concrete foundations. Drawings and Specification No. 4772 may be obtained on application to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. R. GREGORY, Chief of Bureau. May 31, 1923.

INVITATIONS FOR PROPOSALS FOR TWO ADDITIONAL REINFORCED CONCRETE AND STEEL VAULTS FOR THE UNITED STATES MINT AT DENVER, COLORADO.

TREASURY DEPARTMENT, OFFICE OF THE SUPERVISING ARCHITECT, Washington, D. C., July 3, 1923—SEALED PROPOSALS will be opened in this office at 3 P. M., August 2, 1923, for construction (except vault entrance and lift) of two additional reinforced concrete and steel vaults for the United States Mint at Denver, Colorado. Drawings and Specifications may be obtained from the custodian at Denver, Colorado, or at this office in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect.

Drawings and specifications may be also obtained at Room 402, Post Office Building, San Francisco, California.

NOTICE TO CONTRACTORS

(Zion National Park Road)

DEPARTMENT of the Interior, National Park Service, Washington, D. C., July 6, 1923. Bids will be opened by George E. Goodwin, Chief Civil Engineer, National Park Service, in the office of the superintendent of Zion National Park (post office address Springdale, Utah), at 2 o'clock p. m., August 14, 1923, for the construction and reconstruction of about 7½ miles of road in Zion National Park, Utah. Instructions to bidders, proposal blank forms, specifications and drawings for the work can be obtained from Mr. Goodwin's office, 811 Couch Building, Portland, Oregon, upon personal or written application and the deposit of $5, which sum will be refunded upon return of the specifications in good condition not later than 10 days after the opening of the bids. (Deposits shall be in the form of certified or cashiers' checks made payable to George E. Goodwin.) Specifications and drawings can also be seen at the National Park Service, Washington, D. C., at the office of the Superintendent of Zion National Park, at the office of the County Commissioners at St. George, Utah, at the office of the U. S. Forest Service at Cedar City, Utah, at the Chambers of Commerce at Ogden, Salt Lake City, and Provo, Utah; Los Angeles and San Francisco, California, and at Denver, Colorado.

ARNO B. CAMMERER,
Acting Director National Park Service.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock P. M., on August 6, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Santa Clara County, between five miles east of Gilroy and San Felipe (IV-SCl-32-A), about four and five-tenths (4.5) miles in length, to be graded and surfaced with gravel.

Plans may be seen and forms of proposal bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Worke, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: July 9, 1923.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 (Remittance must accompany order)

Name .....

Street and No. .....

City ..... State .....

Engineering News Section

BRIDGES

SAN JOSE, Santa Clara Co., Cal.—County Surv. instructed to prepare plans for reinforced concrete bridge on Pierce road, in Supervisor District No. 5. Henry A. Pfister, County Clerk.

EUREKA, Humboldt Co., Cal. — County Clerk Fred M. Kay instructed to advertise for bids to construct wooden truss bridge over Elk river near Falk. A. J Logan, County Surveyor.

CARSON CITY, Nev.—Bids will be received until August 15, 1923, by Geo. W. Borden, State Highway Engineer of Nevada, for constructing a timber trestle over the Meadow Valley Wash. **See call for bids under official proposal in this issue.**

FRESNO, Fresno Co., Cal. — See "Streets and Sewers," this issue.

VISALIA, Cal.—Until 2 p. m., Aug. 7, bids will be received by Tulare county supervisors for constructing reinf. conc. bridge over St. John river (bridge No. 60), in Sec. 18, T. 18 S. R. 26 E. M. D. B. & M., involving 77.13 cu. yds. B conc. in abutments; 40 piles driven; labor Material furnished by county f. o. b. Roache siding. Cert. chk 5%. Gladys Stewart, clerk.

SACRAMENTO, Cal.—Bids will be received by the Board of Supervisors of the County of Sacramento on August 6th, 1923 at 10 o'clock P. M., for the repairing of the floor on the trestle approach on Fairoaks Bridge in Fairoaks. Estimated cost, $3200.

DEL NORTE Co., Cal.—The California Highway Commission has awarded a contract for the construction of a bridge 100 ft. long, and 21 ft. wide between curbs across Wilson Creek, near Requa (I-D. N.-1-A&B) in Del Norte County to C. H. Gildersleeve, 877 Sutter St., San Francisco, at $8,659. Engineers' estimate, $9,879.

SAN FRANCISCO—Board of Public Works requests supervisors to adopt ordinance authorizing a call for bids to reflooring of 3rd and Channel and 3rd and Islais Creek bridges. M. M. O'Shaughnessy, city eng.

CARSON CITY, Nevada.—Plans have been completed by the Nevada State Highway Commission and bids will be asked shortly for the following projects:

Rose Creek Overhead Railway crossing, in Humboldt county, concrete construction.

Shoshone Point Overhead Railway crossing, Eureka county, concrete construction.

Overgrade Railway crossing, Elko county, wooden bridge.

Apex Underpass Railway Crossing, Clark county, timber construction.

Geo. W. Borden is state highway engineer.

CARSON CITY, Nev.—As previously reported, bids will be rec. by State Highway Commission, Geo. W. Borden, state highway eng., to const. timber trestle in Lincoln County over Meadow Valley Wash. Structure will be 75 ft. in length and involv.: 150 cu. yds. excavation unclassified; 18 cu. yds. Class "B" conc.; 640 lin. ft. timber piles; 33 M ft. B M timber; 200 sq. ft. asphaltic wearing surface; 96 lin. ft. wooden guard rail.

EUREKA, Humboldt Co., Cal.—Until Aug. 14, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. conc. girder bridge across Elk River near Falk in Rd. Dist. No. 3. Cert. chk. 5% req. A. J. Logan, county surv.

PORTERVILLE, Tulare Co., Cal.—Standard Industrial Engineer Corp., 33 New Montgomery St., San Francisco, has been commissioned by city trustees to prepare plans for street wide bridge over Porter Slough in Main St.; span proper will be 61-ft. long not including retaining walls; steel and concrete construction. Fred Pease is city engineer.

CARSON CITY, Nevada—Until Aug. 22, 1:30 P. M., bids will be rec. by State Highway Commission, Geo W. Borden, ch. eng., to const. overhead railroad crossing in Elko county near Deeth; will be 92 lin. ft. long and will involv. 200 cu. yds. unclassified excavation; 20 cu. yds. Class B conc.; 24,200 ft. b. m. timber, complete in place; 171 sq. yds. asph. wearing surface.

LOS ANGELES, Cal.—John Simpson & Co., 701 Antonio Ave., submitted low bid to supervisors at $65,450 to const. bridge on the Long Beach Blvd. over the Los Angeles river, about 2 mi. south of Compton; will consist of 2 structures, side by side, each with a 20-ft. roadway, comprising a total of 18 60-ft. wooden trusses, with piers and abutments on creosoted piles. The bridge will involve 500,000 ft. B. M. lumber, 426 creosoted piles 40 ft. long. County will furnish all piles and all top and bottom cord members for the trusses. Other bids were: Wheeler Co., $83,950; S. M. Kerns, $83,350; Chas. Thompson, $88,888; Mercereau Bridge & Constr. Co., $89,640; F. H. Greene, $92,950; W. M. Ledbetter Co., $94,449; Fred W. Steffgen, $98,888.

JACKSON, Amador Co., Cal. — Bids will be rec. by county supervisors at once to construct reinforced concrete bridge over Sutter Creek at Ione.

RED BLUFF, Tehama Co., Cal.—Until Aug. 20, 10 a. m., bids will be rec. by H. G. Kuhn, county clerk, to const. conc. bridge over Battle creek on Red Bluff and Susanville State Highway, near Mineral, about 45 mi. each of Red Bluff, Supervisor District No. 3. Cert. check 10% payable to Chairman of Bd. of Supervisors req. with each bid. Plans obtainable from County Surveyor W. F. Lunning.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal.—Until 2:30 p. m. Aug. 3, bids will be received by harbor commission, 312 Byrne Bldg., for dredging in front of wharves. Spec. No. 501. Cert. check or bond 10%. Guy W. Wade, secretary.

Engineers and Contractors
PLEASE NOTE
We are FACTORY distributors
—for—
MILBURN CARBIDE FLARE LIGHTS
for Night Work 500 - 12,000 c. p.
Economical and Efficient
MILBURN OXY-AVETYLENE WELDING AND CUTTING APPARATUS
for Repairing and Construction
Let us send you full information
E. D. BULLARD
268 Market St., San Francisco
Phone Douglas 6320-Doug. 6321

SACRAMENTO, Cal—Bids were received by the City Council for the removal of the Y street levee in the City of Sacramento from River Front to 21st Street as follows:

Ajax Dredging Co., S. F.	$65,393.78
John Phillips, Sacto.	69,134.40
A. & J. L. Fairbanks, Inc. San Francisco	91,434.87
Henry Kaiser, Oakland	76,006.36
C. Miles, Sacramento	69,676.50
Byrne, Yost & Treaster, Sacto	60,049.46
Giddings & White, Sacto	76,031.00

Bid was awarded to Byrne, Yost & Treaster, 2512 N St., Sacramento, in the sum of $60,049.64. This work includes about 144,774 cubic yards of earth to be removed from the Y street levee.

SAN FRANCISCO—Until Aug. 30, 11 a. m., bids will be rec. by U. S. Engineer Office, Customhouse, for dredging in Petaluma Creek. Further information on application.

SUISUN, Solano Co., Cal.—Until Aug. 6, 7 p. m., bids will be rec. by J. A. Wilson, clerk, Crystal Grammar School District, for fur. del. and placing 2000 cu. yds. of dirt to fill school property. Cert. check 10% payable to clerk of district req. Further information obtainable from above.

IRRIGATION PROJECTS

YREKA, Siskiyou Co., Cal.—Election will be held Aug. 16 in Butte Valley Irrigation District to vote bonds of $594,000 to finance construction of irrigation works in district. E. O. Bissell secretary of district.

LIGHTING SYSTEMS

TAFT, Kern Co., Cal.—Election will be called at once to vote bonds to finance installation of electrolier system. Estimates are now being compiled by City Eng. Edw. M. Lynch, Central Bldg., Los Angeles.

BAKERSFIELD, Kern Co., Cal.—City Planning Commission has recommended to the City Council acceptance of the plans submitted by C. A. Montgomery of Bakersfield, representing the Westinghouse Electric & Mfg. Co., for the installation of a street lighting system in the downtown business section. Plan calls for installation of 8 electroliers in a block, the total cost of installation being $33,212.30 or $3.32 per front ft. Other offers were made by Marbelite representatives, the lowest being $42,199.48 or $3.05 front ft., with other propositions totaling $42,753.61 and $47,495. All offers provided for underground conduit systems. W. D. Clarke is City Eng.

LOS ANGELES, Cal.—A. C. Rice, 1963 Santee St., submitted low bid to supervisors at $15,464 to const. lighting system in county imp. dist. No. 4. Osborn Electric Co., 1311½ S Grand Ave., bid $15,488.

GLENDALE, Cal.—City council has started proceedings to install ornam. lights on Glendale Ave., bet. San Fernando and Monterey Rds. Ben F. Dupuy city engineer.

ALHAMBRA, Los Angeles Co., Cal.—Res. of inten. No. 1303, adopted by city comm. to construct ornamental lighting system on portions of Huntington Dr., Fremont Ave., Primrose Ave., La France Ave., Palm Ave., Alhambra Rd., and other streets; 1911 Act. R. B. Wallace, City Clerk.

MACHINERY AND EUIPMENT

BUTTONWILLOW, Kern Co., Cal. — Until Aug. 8, bids will be rec. by W. T. Smith, clerk, Buttonwillow School District for fur. and del. one 14-ft. school bus body. Further information from clerk.

OAKLAND, Calif.—Until Aug. 2, 12 m., bids will be rec. by E. K. Sturgis, city clerk, for fur. hoisting equipment for land pile driver. Bond of 25% of contract price req. of successful bidder. Further information obtainable from city clerk. Ralph Beebee, city harbor engineer.

GLENDALE, Cal. — Austin-Western Road Mchy. Co., 477 E 3rd St., Los Angeles, submitted only bid to council at $5475 f. o. b. Glendale, for one Austin single cyl. gas or distillate motor driven roller, weight not less than 2500 pounds.

VALLEJO, Solano Co., Cal. — Until Aug. 7, 11 a. m., bids will be rec .by A. F. E. Edgecumbe, city clerk, for fur. one 6-cylinder 7-passenger automobile. Cert. check 10% payable to city req. Delivery to be made 30 days after award of contract. Further information obtainable from clerk.

RAILROADS

CORAM, Shasta Co., Cal.—Utah Construction Co., Phelan Bldg., San Francisco, awarded cont. by southern Pacific Co. to clean out, enlarge and cement tunnel No. 1, one below Coram, recently destroyed by fire. Tunnel is 434 ft. long.

SAN FRANCISCO—Leonard S. Leavy, City Purchasing Agent, Rm. 270 City Hall, will sell at public auction, Aug. 6, twenty-four old Union Street cars, single truck, no longer required for the Municipal Railway system. Terms of sale will be full purchase price on the fall of the hammer, payment by check preferred.

TUCSON, Ariz.—So. Pac. Ry. (Tucson div.) will expend about $250,000 in replacing 80 and 90-lb. rails with 110-lb. rails. William Wilson, supt. this division.

WASHINGTON, D. C.—As previously reported, permission has been granted by the Interstate Commerce commission, to the Oregon Short Line Railroad to construct 98 miles of new line between Wells, Nevada and Rogerson, Idaho, the line to connect with the Southern Pacific and Western Pacific systems. The contract for this work has been awarded to the Utah Construction Co., Phelan Bldg., San Francisco, at approx. $5,000,000.

FIRE ALARM SYSTEMS

MODESTO, Stanislaus Co., Cal. — Gamewell Fire Alarm Co. at $4840 awarded cont. by city council to furnish switchboard, six circuit repeater, six circuit metal battery rack; storage batteries and motor generators. An allowance of $250 was allowed for the old switchboard.

MODESTO, Stanislaus Co., Cal. — Standard Underground Cable Co awarded cont. by council to furnish 6000 ft. of No. 13 B & S gauge paper and lead cable for $.30 ft. and 150 ft. central office terminal cable at $.76 ft.

SACRAMENTO, Cal.—Until Aug. 9, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, for complete installation of aerial lines, wires, conduits, pedestals, etc., for installation of police alarm system. Cert. check 5% payable to City Controller req. with each bid. Spec. on file in office of clerk Albert Givan, city eng.

HANFORD, Kings Co., Cal. — City trustees authorize purchase of 2 electric sirens for fire trucks. D. C. Williams, city eng.

FIRE EQUIPMENT

MODESTO, Stanislaus Co., Cal.—Following bids taken under advisement by city council for fur. 2 triple combination fire engines:

Arens Fox Co., one machine, $12,750; 2 machines, $26,000.

American-La France, 3 types, single machines, $$12,500 or $23,725 for two.

Stutz Co., $12,750 for single machine, $25,500 for two, less 8% making net cost $23,460 for 2 pieces.

Seagrave Co., 1 machine, $12,700, 2, $24,990.

FRESNO, Fresno Co., Cal—U. S. Rubber Co., at $9198.50 awarded contract by council to fur. 11,400 ft. 2½-in. and 2350 ft. 1½-in. hose for fire department.

WOODLAND, Yolo Co., Cal. — Until Aug. 13, 9:30 a. m., bids will be rec. by J. H. Laugenour, city clerk, for fur. one motor-propelled comb. 750-gal. per min. pumper and hose car and one motor-propelled comb. chemical and hose car. **See call for bids under official proposal section in this issue.**

MODESTO, Stanislaus Co., Cal.—The C. F. Weber Co., S. F., has been awarded a contract at approx. $11,000 by the Board of Education of the Modesto City School District for furnishing special fixtures and furniture for the Junior College. W. H. Weeks, 369 Pine St., S. F., architect.

RESERVOIRS AND DAMS

HANFORD, Kings Co., Cal. — Last Chance Ditch Co., Murphy Slough Association, Riverdale Irrigation District and the Laguna Irrigation District are having plans prepared for the construction of two weirs; one to be erected in Cole's slough and the other across Dutch John's cut east of Laton.

SUISUN, Solano Co., Cal.—See "Waterworks," this issue. Diversion dam and pipe line.

PIPE LINES, WELLS, ETC.

PORT TOWNSEND, Wash.—See "Official Proposals" this issue.

SANTA BARBARA, Cal.—See "Business Opportunities" this issue. Party to purchase c. i. water pipe.

SUISUN, Solano Co., Cal.—See "Waterworks," this issue. Diversion Dam and pipe line.

GLENDALE, Cal. — American Cast Iron Pipe Co., 439 E 3rd St., submitted low bid to council at $62.60 ton f. o. b. Glendale for 4000 ft. 12-in. class B c. i. pipe, in 12-ft. lengths; Pac. Pipe & Supply Co. bid $63.11; U. S. Cast Iron Pipe & Fdy. Co., $63.80.

SAN DIEGO, Cal.—City Mgr. F. A. Rhodes authorized to advertise for bids for 24,500 ft. water pipe as follows: 3000 ft. 12-in.; 6500 ft. 8-in. and 15,000 ft. 6-in.

SANTA CRUZ, Santa Cruz Co., Cal.—City clerk S. A. Evans instructed to advertise for bids for fur. 3500 ft. 10-in. c. i. pipe for water main extensions. Bids will probably be opened Aug. 14.

MISCELLANEOUS CONSTRUCTION

LIVERMORE, Alameda Co., Cal. — Kaiser Construction Co., 1st National Bank Bldg., Oakland, will construct a plant for a gravel pit on the Arthur Holm property in the Mocho creek west of Livermore. Approximately $75,000 will be expended in improvements and the purchase of equipment.

SAN FRANCISCO—Until Aug. 15, 3 p. m., bids will be rec. by Bd. Pub. Wks. to fur. and erect street signs; est. cost $9000, funds to be derived from Budget Item No. 347, fiscal year 1923-24. Spec. obtainable from office of city engineer, 3rd floor, city hall.

SACRAMENTO, Cal.—At a meeting of the City Council specifications were adopted for a 15-ton incinerator plant to be erected in Sacramento. Bids will be received August 9th, 1923, and will include the building, approaches, incinerator, equipment and chimney complete as specified. Estimated cost, $216,000.

WATER WORKS

SUISUN, Solano Co., Cal.—Until Aug. 7, 8 p. m., bids will be rec. by W. W. R. Reeves, city clerk, to construct rein. conc. diversion dam and 14-in. dia. pure iron slipjoint pipe line with accessories for water supply development of town. Work consists of furnishing materials and installation of approx. 12½ cu. yds. of rein. conc.; 1660 lin. ft. 14-gauge, 14-in. dia. pure iron slip joint pipe, includ. excavation and backfill. Jesse B. Holly, Engineer, 2910 Telegraph Ave., Oakland. **See call for bids under official proposal section in this issue.**

BURLINGAME, San Mateo Co., Cal.—Until Aug. 20, 5 p. m., bids will be rec. by J. R. Murphy, city clerk, for sale of one Luitewiler pumping complete with motor, switchboard and 5-in. cylinder; also one Pomona Pump with 8-in. cylinder, all in first class condition. **See call for bids under official proposal section in this issue.**

PLAYGROUNDS AND PARKS

PORTLAND, Ore.—See "Miscellaneous Building Construction," this issue. Amusement concession, parks, etc.

BERKLEY, Alameda Co, Cal.—City Council has appointed committee to draw up program to acquire a chain of playgrounds and parks. Committee is empowered to draw up a resolution calling upon the council to call an election to vote bonds to finance the purchase and improvement of lands necessary. C. L. Huggins, City Eng.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

SAN RAFAEL, Marin Co., Cal. — See "Streets and Sewers," this issue.

SEWERS & STREET WORK

OAKLAND, Cal.—Until Aug. 9, 12 m., bids will be rec. by E. K. Sturgis, city clerk, for following street improvements:

Portions of Herzog St: grade; const. conc. curb and gutter; oil macadam pave.

Main St., bet. Laurel and 35th Ave.: grade; conc. curb and gutter; oil macadam pave; cem. walks; 6-ft. high, 7-ft. wide, conc. culvert; conc. intake; 2 conc. inlets; conc. curtain wall; 8-in. vit. pipe sewer; vit. pipe lampholes; wye branches, etc.

Georgia St., bet. Peralta and Maple Sts: grade; conc. curb and gutter; oil macadam pave; cem. walks; conc. culverts; 4 conc. inlets; 2 conc. curtain walls; 2 conc. end walls.

Portions of Jackson St: const. 12-in. vit. sewers; 30-in. conc. sewers; deepen manholes; const. and conc. manholes vit. pipe conduits; vit. pipe drop connections; vit. wye branches and pipe slants; remove existing sewers and manholes.

22nd Ave., bet. E-28th and E-32nd Sts.: grade; conc. curb and gutter; oil macadam pave; cem. walks; corru. iron and conc. culvert; br. manhole; 2 br. catchbasins; vit. pipe conduits.

Portions of E-15th St: Grade; conc. curb and gutter; oil macadam pave; rein. conc. culvert; conc. retaining wall and inlet; 10-in. vit. pipe conduit.

All under 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

REDWOOD CITY, San Mateo Co., Cal. —City Trustees, H. A. Beeger, Clerk pro-tem, declares inten. to sewer portions of Jefferson and Quartz Sts.; St. Francis Ave.; Avenue Del Ora; Hillside Ave.; Nevada St.; Inner Circle; Hillview Ave., etc., const. 6-in. sewers and 4-in. lateral sewers with 6-in. by 4-in. wyes; manholes, lampholes, etc. 1911 Act. Protests Aug. 13. C. L. Dimmitt, City Eng.

NAPA, Napa Co., Cal.—Frank Gaggero, Napa, at $281 awarded cont. by city council to const. 250 ft. 6-in. sewer at $1 per ft.; 47 wye branches at $2.25 each; one flushing manhole, $22, in Juarez St.

SAN DIEGO, Cal.—Date to open bids to grade 32nd St., bet. F and Market Sts., has been changed by council from Aug. 6 to Aug. 13. Work under 1911 Act. Date has also been changed to imp. alleys in blocks 8 and 9, Brooks' Addition, and to imp. Soledad Ave., Whitefield Pl. and other streets, from the 6th of Aug. to the 13th of Aug. A. H. Wright, city clerk. F. A. Rhodes, city engr.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Jackson St., bet. 1st and 10th Sts.: grade; const. conc. curbs and gutters; asph. conc. pavement. 1911 Act. Protests Aug. 16. W. W. Harmon, city eng.

SAN DIEGO, Cal.—See "Streets and Sewers," this issue. Roads and walks.

SANTA PAULA, Cal.—Jas. P. Cornwall, 227 Equestrian Ave., Santa Barbara, was awarded contr. by city trustees at $65,723.75 to imp. various sts. under Res. No. 48, involv. 398,181 sq. ft. conc. paving 15.75c ft.; 9623 sq. ft. walk 17c. ft.; 2750 ft. 15-in. curb 50c ft. Engr's. est., $66,815.40.

EUREKA, Humboldt Co., Cal.—Until Aug. 14, 2 p. m., bids will be rec. by Fred M.Kay, county clerk, to const. 1740 ft. of new road near Carlotta in Road Dist. 2. Cert. check 5% req. with each bid. A. J. Logan, county surveyor.

EUREKA, Humboldt Co., Cal.—Until Aug. 14, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to surface with Warrenite-Bitulithic pavement 1550 ft. of road bet. Arcata city limits and United Creamery plant in Rd. Dist. No. 5. Cert. check 5% req. with each bid. A. J. Logan, county surveyor.

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg., submitted low bid to supervisors at $95,870.38 to imp Manchester Ave., bet. Wall and Alameda Sts City Imp. No. 14, involv. (1) 12,289 cu. yds. excav. 82c yd.; (2) 43,596 sq. yds. conc. paving $1.93 yd.; (3) 31 ft. curb 65c ft.; (4) 157 sq. ft. walk 21c ft.; (5) conc. culvert, $1600. Other bids were:

Southern Constr. Co.—(1) $1, (2) $2, (3) 65c, (4) 21c, (5) $1500; total, $101,034.12.

G. A. Constantine — (1) 73.75c, (2) $2.097, (3) 64c, (4) 19c, (5) $1475; total, $102,008.62.

J. Paul Benson—(1) 75c, (2) $2.12, (3) $1, (4) 25c, (5) $2250; total, $103,960.52.

J. G. Beckjord—(1) 65c, (2) $2.20, (3) $1, (4) 20c, (5) $1600; total, $105,561.45.

W. D. McCray—(1) 95c, (2) $21.13, (3) 70c, (4) 22c, (5) $2000; total, $106,590.27.

Engr's est., $108,018.95.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno, awarded cont. to const. 6-in. lateral sewers in alleys in Blocks 348,276 and 387, at $.59 lin. ft.; manholes, $46.

SAN FRANCISCO—Bd. Pub. Wks. requests authority of supervisors to call bids to imp. Lander St., bet. 15th and 16th Sts.; est. cost $5000. Plans for the work have been completed by the city engineer.

LIVINGSTON, Merced Co., Cal.—J. F. McSwain, engineer, Merced, has prepared estimates of cost for road improvements, to be financed under the district plan, in the territory bet. the S. P. and Santa Fe railroads, the Merced river and the Winton Atwater road. It is proposed to construct 15 miles of road at a cost of approx. $180,000. G. H. Wintin, Livingston banker, is promoting project.

OAKLAND, Cal.—Kaiser Paving Co., American Bank Bldg., Oakland at $175,006 awarded cont. by supervisors to imp. Livermore-Pleasanton road, bid-bids: Heafey, Moore and McNair, Oakland, $183,718; General Construction Co., San Francisco, $212,800; Galbraith and Janes, $94,272; Bates and Borland $204,880; W. E. Callahan Construction Co., $262,512. For quantities involved in this project refer to our issue of July 3.

MARTINEZ, Contra Costa Co., Cal.—Bonds of $12,000 have been voted in Mountain View Sanitary District to finance construction of sewer system. Plans are being completed by Engineer Ross L. Calfee, 221 South 22nd St., Richmond.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares inten. to imp. 12th St. at termination opposite Bestor St.: Grade; pave with 1½ lin. Warrenite-Bit. surface on 3-in. bituminous conc. base.; hyd. conc. curb and gutter and walks; hyd. conc. inlet with c. i. top; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests Aug. 20. Wm. Popp, City Eng.

GLENDALE, Cal.—Bids rec. by council to imp. Glendale Ave., bet. Cerritos Ave. and Lexington Dr., were:

Peter L. Ferry, 9557 lin. ft. grading at 4.5c sq. ft.; 13,410 sq. ft. 5-in. conc. gutter at 25c ft.; 518,200 sq. ft. 1½-in. national pavement on 4-in asph. conc. base at 23c ft.; 148 ft. curb at 50c ft.; water pipe, $9000; culvert, $2000

Braunt, Bryant & Austin, 5.5c grading, 25c gutter, 23.5c paving, 60c curb, $9180 pipe; $700 culvert.

Chas. Thompson and Chas. U. Heuser, 5.25c grading, 23.5c gutter, 23c paving, 55c curb, $9200 pipe; $750 culvert.

Southeast Paving Co., 5.5c grading; 25.5c gutter, 23.9c paving, 60c curb, $9300 pipe; $740 culvert.

Hall-Johnson Co., 5.7c grading, 24.5c gutter, 21.1c paving, 65c curb, $9025 pipe' $675 culvert.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares inten. to imp. Acacia Ave., bet. San Pedro and Poplar Ave.: Grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. asph conc. base; conc. curb and gutter; 1911 Act and Bond Act 1915. Protests Aug. 13. Wm. Popp, City Eng.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. for pipe for Sec. 1 of the north outfall sewer, were:

U. S. Cast Iron Pipe & Fdy. Co.—(2) for cast iron pipe (lump sum) $575,068; (2-A) cast iron pipe (lump sum) $509,230; (2-B) $476,626; (2-C) $437,254; (2-D) $615,750; (2-E) $509,769; (2-F) $477,165; (2-G) $476,901. Start shipment from works within 2 wks. after date of contract and complete deliveries to Hyperion Siding within 10 months.

Western Concrete Pipe Co.—(1) submarine reinf. conc. pipe (lump sum) $198,300; commence delivery of pipe in 60 days and complete delivery in 180 days thereafter.

John Balch—(1) submarine reinf. conc. pipe (lump sum) $147,000; commence delivery Nov. 15,1923; complete delivery February 15, 1924.

Ross Constr. Co.—(1) submarine reinforced conc. pipe (lump sum) $197,141; start delivery in 60 days; complete in 180 days.

Birmingham Machine & Fdy. Co.—(2) cast iron pipe, $650,000; alternate, 84-in. pipe to be 2½-in. thick; 60-in. pipe and the fittings to be class D (lump sum), $518,000; deliveries to start in 120 days, at rate of 39 84-in. and 7 60-in. pipe per month; fittings to be delivered in 120 days; deliveries given mean loaded on cars in Birmingham, Ala.

Bent Concrete Pipe Co.—(1) submarine reinf. conc. pipe (lump sum) $249,700; start delivery in 60 days; complete in 195 days from contract.

Llewellyn Iron Works—(2) cast iron pipe (lump sum) $582,246; start delivery in 4 months; complete in 12 months.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to const. Sec. No. 1 of the North Outfall sewer, were:

Ross Constr. Co., Sacramento (and Los Angeles, Van Nuys Hotel)—(1) 5145 lin. ft. 7 ft. internal dia. sewer—(a) submarine reinf. conc. pipe constr; $627,000; (b) cast iron pipe constr., $527,000; (2) 566 lin. ft. 5-ft. internal dia. sewer—(a) $100,000; (b) $100,000.

San Francisco Bridge Co., San Francisco—(1): (a) $823,000; (b) $823,000; (2): (a) $67,920; (b) $67,920; time limit, start laying pipe by April 1, 1924; complete work by April 1, 1926.

Merritt-Chapman & Scott Corp., New York City—(1): (a) —; (b)—; (2): (a) $496,000; (b)—; time, 300 wkg. days.

Coast Constr Co. bid not signed, not declared.

STOCKTON, San Joaquin Co., Cal.—City Council, N. Freel, Clerk, declares inten. to imp. portions of Bristol Ave., North Regent St., and Crafton and Dwight Ways: Grade; const. comb. conc. curb and gutter; conc. walks; pave with 4-in cementing gravel base with 2-in. asph. macadam wearing surface. 1911 Act and Bond Act 1915. Protests Aug. 13. W. B. Hogan, City Eng.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. 89th Ave., bet. B and E Sts.; and D St. bet. 87th and 92nd Aves: grade, $.02; conc. curb, $.70 conc. gutter, $.24; oil macadam pave, $.11; 8x24-in. corru. iron and conc. culvert, $4.25; c. i .manholes, $10; wooden culvert, 10-ft. wide, $18; wing wall, $20 6x20-in. wooden culvert, $1.50.

Salvatore De Guarda, Oakland awarded cont. to imp. portions of Russett St.: grade, $.05; conc. curb, $.75; conc. gutter, $.25; oil macadam pave, $.09; cem. walks, $.17; r.w. header board, $.06; 14-in. by 3-ft. conc. culvert, $10; conc. end wall, $1; c. i. inlet, $50.

ANAHEIM, Cal. — The following awards have been made for the Anaheim-Fullerton-Orange joint outfall sewer: Unit No. 2, 17,300 ft. of 30-in. concrete pipe, 12,278 ft. of 27-in. concrete pipe, 27 manholes and 1150 ft. of pile trestle; contractor, C. E. Green, Los Angeles; price, $143,751.64. Unit No. 3, 13,828 ft. of 27-in. concrete pipe, 5063 ft. of 24-in. vit. pipe and 18 manholes; contractor, Cox & Teget, Alhambra; price, $69,025.78. Unit No. 4, 8622 ft. of 24-in. vit. pipe and 7 manholes; contractor, Downer & Merc, Richmond; price, $25,676.96.

CARSON CITY, Nev.—As previously reported bids will be rec. until Aug 15, 1:30 P. M., by State Highway Commission, Geo. W. Borden, State Highway Eng., to const. 25.11 mi. of highway in Lincln County from Caliente to Pioche. Project involv.:

Proposal No. 1—Length 7.22 miles
(Caliente to Peck)
57,800 cu. yds. excavation unclassified.
20,150 yd. sta. overhaul.
6 04 Miles prepare subgrade and shoulders.
8,400 cu. yds. loading and screening gravel.
12,580 yd. mi. hauling gravel.
8,400 cu. yds. spreading gravel.
14 cu. yds. Class "A" concrete.
75 cu. yds. Class "B" concrete.
394 lin. ft. 15-in. corru. metal pipe, complete in place.
224 lin. ft. 18-in. corru. metal pipe, complete in place.
280 lin. ft. 24-in. corru. metal pipe, complete in place.
56 lin. ft. 30-in. corru. metal pipe, complete in place.
32 lin. ft. 36-in. corru. metal pipe, complete in place.
1,030 cu. yds. dry rubble masonry.
4,728 lin. ft. wooden guard rail, in place.
112 each monuments in place.
2 each sign posts, in place.
2,265 cu. yds. rip rap.

Proposal No. 2—Length 11.35 miles
(Peck to 3 miles north of Panaca)
79,040 cu. yds. excavation unclassified.
43,680 yds. Sta. overhaul.
11.35 miles prepare subgrade and shoulders.
500 cu. yds. loading and screening selected material for sub-base
11,250 md. mi. hauling selected material for sub-base.
500 cu. yds. spreading selected material for sub-base.
15,900 cu. yds loading and screening gravel.
41,810 yd. mi. hauling gravel.
15,900 cu. yds. spreading gravel.
255 cu. yds. Class "B" concrete
182 lin. ft. 15-in. corru. metal pipe, complete in place.
348 lin. ft. 18-in. corru metal pipe, complete in place.
160 lin. ft. 24-in. corru. metal pipe, complete in place.
64 lin. ft. 30-in. corru. metal pipe, complete in place.
352 lin. ft. wooden guard rail, complete in place.
54 each monuments, in place.
2 each sign posts, in place.

Proposal No. 3—Length 7.72 miles
(3 miles north of Panaca to Pioche)
48,160 cu. yds. excavation unclassified.
7.72 miles prepare subgrade and shoulders.
10,700 cu. yds. loading and screening gravel.
16,860 yd. mi hauling gravel.
10,700 cu. yds. spreading gravel.
26 cu. yds. Class "A" concrete.
70 cu. yds. Class "B" concrete.
544 lin. ft. 15-in. corru. metal pipe, complete in place.
102 lin. ft. 18 in. corru. metal pipe, complete in place.
306 lin. ft. 24-in. corru. metal pipe, complete in place.
114 lin. ft. 30 in. corru. metal pipe, complete in place.
3140 lin ft. wooden guard rail, complete in place.
140 each monuments, in place.
1 each sign post, in place.

Proposal No. 4—Length 25.11 miles
.... (Caliente to Pioche) .....
185,000 cu. yds. excavation unclassified.
63,830 yd. Sta. overhaul.
25.11 miles prepare subgrade and shoulders.
500 cu. yds. loading selected material for sub-base.
1250 yd. mi. hauling selected material for sub-base.
500 cu. yds. spreading selected material for sub-base.
35,000 cu. yds. loading and screening gravel.
74,680 yd. mi hauling gravel.
35,000 cu. yds. spreading gravel.
40 cu. yds. Class "A" concrete.
400 cu. yds. Class "B" concrete.
1,120 lin ft. 15 in. corru. metal pipe, complete in place.
674 lin ft. 18 in. corru. metal pipe, complete in place.
746 lin. ft. 24 in. corru. metal pipe, complete in place.
234 lin. ft. 30 in corru metal pipe, complete in place.
32 lin. ft. 36 in. corru. metal pipe, complete in place.
1100 cu. yds. dry rubble masonry.
8,184 lin. ft. wooden guard rail, complete in place.
306 each monuments, in place.
5 each sign posts, in place.
2265 cu. yds. rip rap.

CALISTOGA, Napa Co., Cal.—Until Aug. 8, 2 p. m., bids will be rec. by J. G. Finch, town clerk, to imp. portions of Cedar, Railroad, First Sts., ets involv. 508,900 sq. ft. grading; 474,900 sq. ft. 5-in. conc. pavement; 28,370 lin. ft. conc. curb; 286 lin. ft. 8-in. corru. culvert; 216 lin. ft. 12-in., 125 lin. ft. 10-in. and 50 lin. ft. 8-in. conduit; 92 lin. ft. 6-in. lateral sewers; 173 lin. ft. 6-in. service connections; 1406 ft. 4-in. sewer connections; three 24-in. and six 21-in. inlets; two 18-in. grated inlets; one wye branch 8x8-in., four 12x10-in. and one 12x12-in. wye brancbes. 1911 Act and Bond Act 1915. Cert. check 10% payable to clerk req.

NOTE—July 31 was original date set to open bids for this project. The time has been extended to Aug. 8.

LODI, San Joaquin Co., Cal.—Until Aug. 13, 8 p. m., bids will be rec. by Wm. H. Faust, clerk, Lodi Grammar School District to const. 1000 lin. ft. cement walks at Emerson and Salem schools, 4 and 5-in. thick; conc. driveways 6-in. thick. Further information obtainable from clerk.

OROVILLE, Butte Co., Cal.—No bids rec. by county supervisors to construct 2 units of county highway system and county surveyor, Harry H. Hume, instructed to do the work by force account. Units are: Humboldt road and Cleveland-Bouches Avenue sections.

SALINAS, Monterey Co., Cal.—Until Aug. 6, 7:30 p. m., bids will be rec. by M. R. Keef, city clerk, to imp. portions of South Capitol St. by grading and paving with 6-in. water bound pavement; const. conc. catchbasins with c. i. grating and frame; 10-in. corru. galv. iron culvert pipe bet. catchbasins. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Howard F. Cozzens, city eng.

MARTINEZ, Contra Costa Co., Cal.—Until Aug. 6, 8 p. m., bids will be rec. by Chas. E. Daley, town clerk, to const. 8-in. vit. sewer in Howard St., bet. Ferry St. and Alhambra Creek and a 6-in. vit. sewer in Mill St., bet. Howard St. and the south line of tideland survey No. 4, together with manholes, lampholes and house connections. Cert. chk. 10% payable to town req. Ben Greene, city engineer.

FRESNO, Fresno Co., Cal.—Six additional units of the county highway system have been ordered in addition to those previously reported. The units are:

1. Clovis-Tollhouse road.
2. Trimmer Springs road.
3. Route 16, section B, from Sanger-Academy road to connect with Ventura avenue north four miles.
4. Route 2, section A, from Tranquility Colony road to the White's Bridge road, four miles.
5. Route 5, section B, from the end of Blackstone avenue to Lane's bridge on the San Joaquin.
6. Roues 27 and 28-A, the first from Orange Cove to Reedley highway south to Tulare county line for two miles, and the second for .64 of a mile on the Reedley avenue roadway.

Chris. P. Jensen, Cory Bldg., Fresno, is county surveyor.

MERCED, Merced Co., Cal.—Union Oil Co., at $1.27 per bbl., 42 gals., awarded contract by supervisors for bbls each of crude oil, 14 gravity, containing not less than 75% asphalt and delivered f. o. b. Livingston or Arena. Other bids were: D. K. McLennan, $1.27 bbl., Gilmore Oil Company, $1.32 bbl.; John R. Graham, $1.37 bbl.; Shell Oil Co., $.75 bbl; Standard Oil Company, $1.27 bbl.

PHOENIX, Ariz. — Phoenix-Tempe Stone Co., Phoenix, awarded contract by state highway dept at $130,236.23 to const. federal aid project No. 65, Mesa-Superior highway, involv. 267 cu. yds. excav. unclass at 31c yd. 23,437 cu yds. excav borrow at 31c yd.; 37 160 sq. yds. 2-in asph. conc. on 4-in bitum. base at $2.30 yd.; 1547 cu. yds. rem. conc. curb at $16.20 yd.; 478 cu yds overhaul (100 ft) earthwork at 2c yd.; 395 cu. yds. excav. structures at $1 yd.; 630 cu. yds. excav. ditches and channel changes at 50c yd.; 163 cu yds. dykes at 31c yd.; 251 cu. yds. A conc. at $27.50 yd., 20,870 lbs. reinf steel at 5c lb.; structures over 20-ft. clear span; removing old structure, $500; 25 cu. yds. excav. dry at $1 yd.; 40 cu. yds. wet excav. at $3 yd.; 67 cu yds. A conc. at $27.50 yd.; 6600 lbs reing. steel at 5c lb.; State furnishes materials at $1648.20 This company submitted an alternative bid on bitul. paving as follows: 267 cu. yds excav. unclass. at 31c yd.; 23,437 cu. yds borrow unclass. at 31c yd.; 37,160 sq. yds. 2-in. bitul paving on 4-in. bitum. base at $2.40 yd.; 1547 cu. yds. cem. conc curb at $16.20 yd Other items same as above. Time limit, 120 days.

Kisselburg-Smith-Hitchcock, $138,341 Hoops & Thomas, $144,694. Lee Moor Contr Co. $171,913.

SANTA BARBARA, Santa Barbara Co., Cal.—Bonds of $300,000 have been voted in Santa Ynez Valley Road District to finance construction of approx. 25 miles of paved road.

HUNTINGTON BEACH, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles at $216,000 awarded contract by city trustees to imp. Ocean Avenue through the city of Huntington Beach, involv. 711,-300 sq. ft. 2-in. Willite plastic composition wearing surface; 23,800 cu. yds. excav. for pavement; 1395 cu. yds. excav. for storm sewers; 470 lin. ft. half round culvert and 875 lin. ft. 12-in. conc. culvert; one manhole; 8 drop chambers, 7 catchbasins, complete; 90 ornam lamp posts. Louis F. Gates, city engr. Other bids were: G. M. Souter, $235,900; Hall-Johnson & Co., $244,600; T. W. Oglesby, $247,000; H. G. Feraud $249,000.

TAFT, Kern Co., Cal.—C. W. Wimmer Tafe, at approx. $20,000, awarded cont. by city trustees to grade and pave California St. with 4-in. asph. conc. and const. conc. curb and gutter.

HUNTINGTON BEACH, Cal.—Geo. H. Oswald, 366 E 55th St., Los Angeles, submitted low bid to city trustees, July 23, at $216,000 for improving Ocean Ave. through the city of Huntington Beach, involving 711,300 sq. ft. 4-in. asph. concrete base; 711,300 sq. ft. 2-in. Willite plastic composition wearing surface; 23,800 cu. yds. excav. for pavement; 1395 cu. yds. excav. for storm sewers; 470 lin. ft. half round culvert and 875 lin. ft. 12-in. conc. culvert pipe; one manhole, 8 drop chambers, 7 catchbasins, complete; 90 ornam. lamp posts. Louis F. Gates, city engr. Other bids were: D. M. Souter, $235,900; Hall-Johnson & Co., $244,600; T. W. Oglesby, $247,000; H. G. Feraud, $249,000. Bids taken under advisement.

CARSON CITY, Nev.—Nevada State Highway Commission preparing plans for following projects:

Across Mormon Mesa, Clark County, 18 mi. gravel surface.

Mormon Mesa to State Line, Clark County, 10 mi. gravel surface.

Eastgate to east county line, Churchill County, 12 mi gravel surface.

Lawton to 2 mi. east Verdi, Washoe County, 4.5 mi. gravel and concrete surface.

Winnemucca to Golconda, Humboldt County, 15.5 mi. gravel surface.

City of Winnemucca, Humboldt County, 2.4 mi. gravel surface.

City of Las Vegas, Clark County, 3 20 mi. concrete and gravel.

Sparks to Hafed, Washoe County, 7 mi. concrete and gravel.

Cicinity of Carters Station, Douglas County, 6 mi. gravel surface. Geo. W. Borden, State Highway Eng

Architects—Engineers—City and County Officials

How about bids wanted?

Are you satisfied with the bids you received on that last job?

Did you have competition—and plenty of it? If not—why not?

Without charge the BUILDING & ENGINEERING NEWS will place your job before the construction interests of the Pacific Coast. That means competition and—competition means the lowest possible bid.

If you want competition send particulars of your job to BUILDING & ENGINEERING NEWS—also a set of plans and specifications.

Reach the *Independent Bidder* through the columns of BUILDING & ENGINEERING NEWS

The combined news services of BUILDING & ENGINEERING NEWS have a circulation of

2804

—reaching the Engineer, Contractor and Material Dealer.

Can you reach one quarter the amount of interested people through any other news service published in this section? We think not—in fact, we know you cannot.

If you want *competition*—if you want *independent* contractors to figure your job—if you want the *lowest possible bid*—send particulars of your project to

Building & Engineering News

SANTA ANA, Cal.—Until 7 p. m., Aug. 13, bids will be rec. by city trustees to imp. North Flower St., bet. W 4th and W 5th Sts., involv. 9975 sq. ft. grading and paving with 5-in. conc., const. 250 ft. curb; 1915 bond imp. act. E. L. Vegeley, clerk. W. G. Knox, city engineer.

CARSON City, Nev.—George W. Borden, State Highway Engineer of Nevada will receive bids until August 15, 1923, for grading, construction of culverts and placing a gravel surface on portions of the highway in Lincoln County as follows: Section 1, from Caliente to Peck; Section 2, from Peck to 3 miles north of Panaca; Section 3, from 3 miles north of Panaca to Pioche. **See call for bids under Official Proposals in this issue.**

PASADENA, Cal.—Until 10 a. m., Aug 8, bids will be received by city directors for constructing steel and reinf. conc. storm drain sewer along portions of Broadway and Walnut St. The drain will be about ½ mile long 3x6 ft., of reinf. conc. conduit. Engr's est., $50,000

MARTINEZ, Contra Costa Co., Cal.—Bids will be received until August 20, 1923, at 11 o'clock A. M., by J. H. Wells, Clerk of the Board of Supervisors of Contra Costa County, for grading and gravelling Division No. 35, Co. Highway Sup. Dist., No 5. **See call for bids under Official Proposals.** . . . . . .

BAKERSFIELD, Kern Co., Cal.—Supervisor Jas. L. Wagy backs movement to organize district to finance the improvement of 38 miles of highway in the west side district. The work will probably be done under the 1907 Road District Improvement Act. Preliminary specifications provide asphaltic pavement. Recommendation has been made to the county supervisors that W. S. Farley, Monadnock Bldg., San Francisco, be appointed engineer on the project.

FRESNO, Fresno Co., Cal. — D. M. Barnwell, county clerk, has been instructed to advertise for bids to construct following units of county highway system: Upper end of Blackstone avenue, road south of Reedley connecting with the Dinuba road, road connecting Orange Cove with Tulare county roads, Tranquility road, Sanger Academy road, lower end of the Toll House road, Trimmer Springs road. Chris P. Jensen, Cory Bldg., Fresno, county surv.

FRESNO, Fresno Co., Cal.—Until Aug. 8, 2 P. M., bids will be rec. by D. M. Barnwell, County Clerk to const Sec. B, Rt 16 of county highway system, involv. the construction of one conc. arch bridge, seven culverts and one flat slab conc. bridge, the project involv. 399 cu yds. conc.; 30 lin. ft. 15-in., 70 lin. ft. 20-in., 30 lin. ft. 24-in. and 30 lin. ft. 36-in. corru iron pipe. Chris. P. Jensen, Cory Bldg., County Surv.

GLENDALE, Cal.—Duecy & Breitenstein, 151 S Hill Ave., Pasadena, submitted low bid to council at $101,171.30 to imp. Glenwood Ave., and portions of other streets, involv. 15,633 lin. ft. grading at $14,410 (lump sum); 463,230 sq. ft. 5-in. conc. gutter at 21c ft.; 25,250 ft. curb at 50c ft.; 142,780 sq. ft. walk at 15c ft.; 1050 ft. water pipe, $1600 compl. etc. Other bids were: W. D. McCray, $1.25 grading; 9.5c paving, 24c gutter, 50c curb, 17.5c walk; $1.10 ft. pipe; total, $107,816.15. E. L. Fleming $1.20 grading; 10c macad; 21c gutters; 50c curb; 17c walk; $1600 pipe; total, $108,166.50. Geo. A. Simpson, $1.58 grading; 9.75c macad; 20c gutter; 47c curb; 16c walk; $1.10 pipe; total, $110,413.44. Peter L. Ferry, $1.40 grading; 10c macad; 20c gutter; 50c curb; 17c walk; $2000 pipe. G. A. Constantine, 910 Hans Bldg., $1.85 grading; 10.5c macad; 23.5c gutter; 45c curb; 15.75c walk; $2074.25 pipe.

BAKERSFIELD, Kern Co., Cal.—Until Aug. 13, 7:30 p. m., bids will be rec. by Boyce R. Fitzgerald, clerk, Kern County Union High School District, to const. conc. curbs, gutters and walks at Kern County Union High School. Chas. H. Biggar, architect. Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to clerk of district req. Plans obtainable from architect.

LOS ANGELES, Cal.—Until Aug. 27, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with Port. Cem conc. 0.2 mi. of highway in Los Angeles county bet. Santa Clara River and point 1/5 mile east thereof. **See call for bids under official proposal section in this issue.**

OAKLAND, Cal.—City council, E. R. Sturgis, clerk, declares inten. to imp. St. bet. Harrison and Oak Sts.: grade; const. conc. curb and gutter; pave with 2-in. Warrenite-Bit. surface on 6-in. Port. cem. conc. base. 1911 Act. Protests Aug. 16. W. W. Harmon, city eng.

CARSON CITY, Nevada—Bids will be asked by State Highway Commission in the immediate future for the following highway projects:

West county line to Vivian, in Elko County, 7 mi. to be gravelled

Keystone to Ely, White Pine County, 5 mi. to be gravelled.

City of Ely, White Pine County, 2.10 mi. 18 ft. concrete and gravel.

Geo. W. Borden is state highway engineer.

DINUBA, Tulare Co., Cal. — W. F. Hanrahan, care Federal Construction Co., Call Bldg., San Francisco, awarded cont. by city trustees to imp. portions of Alta Ave: 5-in. conc. base with 1½-in. Warrenite-Bit. surface, $.239; finished subgrade, $.04 9/10; excavation $.199.

SAN JOAQUIN CO., Cal.—Until Aug. 27, 2 p. m., bids will be rec. by State Highway Commission to pave with water bound macad shoulders, 8.1 miles of highway in San Joaquin County bet. west boundary and Banta. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—J. P. Holland, 540 Brannan St., San Francisco, at $294,-893.50 for 14-ft. road and $384,575.50 for 18-ft., be to furnish explosives in each instance, submits only bid to District Engineer U. S. Bureau of Public Roads, 9 Main St., to const. Murphy Big Trees-National Forest Highway in Calaveras county, about 55-mi. n.e. of Stockton, approx. 15.5 miles long. Bid for 14-ft. road follows: clearing, $17,-500 (total bid); 105,000 cu. yds. excavation, $1.43; 14,000 cu. yds. stas. overhaul, $.02; 330 cu. yds A conc. $45; 340 cu. yds. C conc. $40; 34,100 lbs. rein steel, $.06; 200 lin. ft. 12-in. corru. metal pipe in place, (to be furnished by Govt. f. o. b. Angels Camp, Calif.) $1; 100 lin. ft. 15-in. corru. metal pipe in place, (to be fur. as above) $1.50; 4640 lin. ft. 18-in. corru. metal pipe in place, (fur. as above) $2; 100 lin. ft. 24-in. corru. metal pipe in place (fur. as above) $2.50; 10 sq. yds. riprap in place $1.50; 15 cu. yds. hand placed embankment, $1.50; 19,700 cu. yds. crushed rock surfacing in place, $1.50. Total bid, $294,893.50.

For 18-ft. roadway, bid follows: Clearing, $17,500, total bid; 157,000 cu. yds. excavation (unclassified), contractor to furnish explosives, $1.33; 16,500 cu. yds. stas. overhaul, $.02; 360 cu. yds A conc. $45; 340 cu. yds C conc. $40; 37,-300 lbs. rein. steel, $.06; 200 lin. ft. 12-in. corru. metal pipe in place, $1.00; 100 lin. ft. 15-in. do $1.50; 5000 lin. ft. 18-in. do, $2.00; 100 lin. ft. 24-in. do, $250. (above pipe to be furnished by Govt f. o. b. Angels Camp, Calif); 10 sq. yds. riprap in place, $1.50; 15 cu. yds. hand placed embankment, $1.50; 26,300 cu. yds. crushed rock surfacing, $4.35; 370 sq. yds. ditch paving, $1.50. Total bid $384,575.50. C. H. Sweetser is Dist. Eng. of U. S. Bur. of Pub. Rds.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E 58th St., submitted low bid to Bd. Pub. Wks. to imp. Windsor Blvd., bet. Rosewood Ave. and Beverly Blvd., involv. grading at $6300 (lump sum); 154,559 sq. ft. Warrenite-bitul. paving 31.7c ft.; 6 ft. curb $1 ft.; 100 sq. ft. walk, 25c ft.; 9283 sq. ft. gutter 33c ft.; 750 ft. hse. sewers $2 ft. Other bids were:

Geo. R. Curtis—$6600 grading; 32.5c paving; 80c curb; 24c walk; 30c gutter; $1.90 hse. sewers.

Warren Constr. Co.—$7000 grading; 32c paving; 90c curb; 25c walk; 35c gutter; $2 hse. sewers.

SALINAS, Monterey Co., Cal.—City Council, M. R. Keef, clerk, declares intention to imp. Avenue A, bet. South Main St. and Avenue C; Avenue B, bet. South Main St. and Avenue C; Avenue C bet. Avenue B and Clay St.; Lincoln Ave., bet. south line of Clay St. and north line of Clay St.; grade; 6-in. waterbound pavement consisting of hard granite rock and decomposed granite rock; hyd. conc. curbs and gutters; 12-in. part circle galv. corru. iron culvert drains with 5¾-in. rise with hyd. cem. conc. base. 1911 Act & Bond Act 1915. Protests Aug. 13. Howard Cozzens, city engineer.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

ORANGE, Cal.—Election will be held Aug. 14 to vote $190,000 bond issue for this city's share in the joint outfall sewer. The total cost of the tri-city line will be $236,000, of which Orange will pay 16%; the line from Garden Grove to the screening plant near Talbert will be $143,000, to be shared equally by Fullerton, Orange and Anaheim; the city of Orange will expend $70,000 on its independent line to connect with the main joint outfall. C. C. Bonebrake, city engr.

PLACER CO., Cal.—Until Aug. 27, 2 p. m., bids will be received by State Highway Commission to pave with Port. cem. conc. 1.1 miles of highway in Placer county, bet. Roseville and Lincoln. **See call for bids under official proposal section in this issue.**

SANTA BARBARA, Cal.—Council declares inten. to imp. under 1911 Act, following streets:

Bath St., bet. Mission and First Sts., grade and pave with 1½-in. asph. conc. wearing surface on 4-in. cem. conc. const. comb. curb and gutter; 4-in. vit. hse. sewers.

Sola St., bet. Bath and Castillo Sts., grade and pave with 1½-in. asph. conc. on 4-in. conc. base; const. cem. gutters; driveways; 6-in. vit. pipe main san. sewer; 4-in. hse. sewers. S. B. Taggart, city clerk. Geo. D. Morrison, city engr.

FRESNO, Fresno Co., Cal. — Until Aug. 9, 3:30 p. m., bids will be rec. by R. Y. St. Georgg, city clerk, to imp. E St., bet. Fresno and Inyo Sts: grade; const. conc. curbs, gutters and walks; corru. metal culverts with culvert manholes; pave with 3½-in. asph. conc base and 1½-in. asphaltic conc. top course with liquid asphalt and rock screening surface coat, 6-in. Port. cem. conc. driveways. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan city engineer.

RIVERSIDE, Cal.—County supervisors requested by Chamber of Commerce and other civic organizations to call a bond election to vote $250,000 issue for use, in parts, in resurfacing county highways. It is said that $450,000 will be necessary. The $200,000 additional will probably be raised by direct tax.

GLENDALE, Cal.—W. J. Curren, Box 159, Glendale, awarded cont. by council to imp. Alexander and Milford Sts., involv. 3100 lin. ft. grading 55c ft.; 100,200 sq. ft. 3-in. macad. paving 9.5c ft.; 3130 lin. ft. 4-in. c. i. water pipe $5800.

Peter L. Ferry, 614 E Acacia Ave., Glendale, awarded cont. to imp. Dryden St., involv. 812 lin. ft. grading, 85c; 210 sq. ft. gutter 21c ft.; 27,878 sq. ft. 3-in. macad. 10c ft.; 81 ft. curb 50c ft.; 80 sq. ft. walk 18c ft.; 917 lin. ft. 6-in. c. i. water pipe $2000.

PHOENIX, Ariz.—Until 2 p. m., Aug. 15, bids will be received by dist. engr. bureau of public roads, U. S. Dept. of Agriculture, 242 W Washington St., Phoenix, for constructing the Salt River-Pleasant Valley, section 1, forest highway, in the Tonto National Forest, Ariz., 16,522 mi., involv. approx. 18,917 cu. yds. rock excav., 80,946 cu. yds. comm. excav.; 16,522 mi. finishing graded road; 22 cu. yds. A conc.; 358 cu. yds. 4 conc. (alternate); 15,000 lbs. reinf. steel; 4528 lin. ft. corru. metal pipe culverts; 43,732 lin. ft. protection ditch; 450 cu. yds. cem. rubble masonry alternate. Govt. has on hand certain equipment for rental. Plans and specifications from the Phoenix office of the bureau upon deposit of $10. Proposal guaranty 5%. E. S. Wheeler, dist. engr.

LONG BEACH, Cal.—Until 9:30 a. m. Aug. 7, bids will be received by the city council for constructing cem. conc. sewer in alley east of Henderson Ave., bet. 16th and 20th Sts., and in portions of State St. and Chestnut Ave., and other streets; 1911 Act. R. D. Van Alstine, city engr. H. C. Waughop, city clerk.

WATSONVILLE, Santa Cruz Co., Cal. —Until Aug. 7, 8 p. m., bids will be rec. by M. M. Swisher, city clerk, to imp. Brennan St., bet. Lake and Main Sts., involv. re-macadamizing and oiling with asphaltic oil; const. conc. curbs. Cert. check 10% payable to Mayor req. H. B. Kitchen, city eng.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Aug. 6, bids will be received by city council to improve under 1911 Act the following streets:

F St., bet. 13th St. and lot 3, blk. 37 Rancho San Bernardino, by grading and paving with 4-in. cem. conc.

19th St., bet. F and G Sts., by constructing cem. walks and curbs.

Arrowhead Ave., bet. Mill and Hilda Sts., by grading and paving with 4-in. macad. pavement; constructing concr gutter, conc. curbs.

PORTERVILLE, Tulare Co., Cal.—City Eng. Fred Pease has completed plans and bids will be asked shortly to sewer portions of Howard, Orange Sts., etc., involv. 1900 lin. ft. 8-in. vit. pipe main sewers; 3055 lin. ft. 6-in. vit. pipe lateral sewers; 120 4x6-in. wyes; 10 br. manholes and 4 lampholes. Work under 1915 Bond Act and 1911 Act.

SAN FRANCISCO — Bd. Pub. Wks. completes spec. to imp. Monterey Blvd. bet. Circular and Hamburg Aves., est. cost $6555; involv. 36,418 sq. ft. art. stone walks.

Spec. completed to imp. Bismark St., bet. Rhine St. and county line, est. cost $5400, involv. 770 cu. yds. cut; 450 cu. yds. fill; 892 lin. ft. conc. curb; 13,370 sq. ft. asph. conc. pavement.

SAN FRANCISCO—Until Aug. 15, 3 p. m., bids will be rec. by Bd. Pub. Wks. to construct sewer in Tonquin St., from Divisadero St., westerly; est. cost $8000. Project involv. 285 lin. ft. 2x3-ft. rein. conc. sewer and 1200 lin. ft. piles below cut-off. Spec. obtainable from office of city engineer, 3rd floor, city hall.

SAN FRANCISCO—Until Aug. 15, 3 p. m., bids will be rec. by Bd. Pub. Wks to imp. Liberty St., bet. Noe and Church and Sanchez St., bet. 20th and 21st sts., est. cost $33,000, funds to be derived from Budget Item No. 49, fiscal year 1923-24. Project involv. 56,897 sq. ft. conc. pavement; 4670 sq. ft. asph. conc. pavement; 20,556 sq. ft. art. stone walks 3267 lin. ft. conc. curb; reset 47 lin. ft. granite curb; 64 lin. ft. 6-in. vit. pipe sewers; two 6-in. ironstone pipe traps with 4-in. vit. risers and c. i. frames and covers; 193 lin. ft. 10-in. vit ironstone pipe culverts; 5 br. catchbasins; reset 2 br. catchbasins; 960 lin. ft. 14-in. armored conc. coping and 53 lin. ft. 9-in. conc. coping. Spec. obtainable from City Engineer's office, 3rd floor, city hall.

SANTA PAULA, Cal. — Southwest Paving Co., 806 Washington Bldg., Los Angeles, awarded cont. by city trustees at $136,956.40 to imp. various city streets under Res. No. 59, involv. 753,934 sq. ft. asph. pavement 15.5c ft.; 82,760 sq. ft. conc. paving 16.5c ft.; 16,000 sq ft walk 15c ft.; 7200 ft. 15-in. curb 50c ft., 128 ft. 24-in. curb 75c ft.; 1 60-ft. culvert $210; 1 80-ft. culvert $280. Engrs. est., $140,799.60.

SACRAMENTO, Cal.—At a meeting of the City Council specifications were adopted for the construction of a pedestrial lane through the levee at 12th street, adjacent to the 12th street subway. Bids will be received August 9th, 1923, and the work will include the following: 13,000 cu. yds. excavation; 250 cu. yds. embankment; 17.7 tons reinforcing steel; 250 cu. yds. concrete in place; 327 lin ft. pipe railing; 187 lin. ft. electric conduit; 12 marine fixtures; 12 outlets; 720 cu. yds. backfilling; 3750 sq. ft. sidewalk.

The estimated cost of this work is $26,000 of which one-half or $13,000 will be paid by the City of Sacramento and the other one-half by the Southern Pacific Railroad Company.

SACRAMENTO, Cal.—Bids will be received by the Board of Supervisors of the County of Sacramento on August 6th, 1923, at 10 o'clock P. M., for the improvement of Pennsylvania Avenue in Rio Linda which includes about 3000 feet of highway. Estimated cost, $7000.

TAFT, Kern Co., Cal—C. W. Wimmer, Taft, at $22,205 submits low bid to city trustees to pave Fourth St., with 5-in. conc. and const. conc. curb and gutter. Leo. Cardwell, Fresno, only other bidder at $22,400.

SAN MATEO COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with Port. cem. conc. shoulders and asph. conc. wearing surface 3.4 mi. in San Mateo county, bet. San Bruno and San Mateo. The project involves: 500 cu. yds. structure excav. without classification; 2700 tons gravel or stone in subbase course; 8100 cu. yds. class A Port. cem. conc. (shoulders, curbs, and repairs to existing base); 500 cu. yds. removal of broken conc. in existing base; 7000 tons asphaltic mixture (pavement); 450 cu yds class A Port. cem. conc. (culverts).

SACRAMENTO, Cal.—Bids will be received by the Board of Supervisors of the County of Sacramento on August 6th, 1923, at 10 o'clock P. M., for the improvement of the Grant Line Road from end of present concrete road to the Jackson Road by construction of a concrete pavement. Estimated cost, $34,000.

SACRAMENTO, Cal.—Bids will be received by the Board of Supervisors of the County of Sacramento on August 6th, 1923, at 10 o'clock P. M., for the improvement of the Orange Vale School Road by construction of a concrete pavement. Estimated cost, $13,000.

SACRAMENTO, Cal.—No bids were received by the Board of Supervisors of the County of Sacramento for the construction of a asphaltic macadam pavement on the Hood-Franklin Road from Hood easterly 3076 feet. Estimated cost, $6500.

SACRAMENTO, Cal.—At a meeting of the City Council bid of Frederickson & Shannon, Cory Bldg., Fresno, was accepted for the construction of a sewer on 7th street from D to U streets in the sum of $50,001.90. The work includes: 6930 lin. ft. excavation; 3360 lin. ft. vitrified ironstone sewer pipe; 3570 lin. ft Monolithic reinforced concrete sewer. The Monolithic reinforced concrete sewer also requires 29,440 lbs. of reinforcing steel and 467 cu. yds. concrete in sewer.

SACRAMENTO, Cal.—City Council passed Resolution of Intention and set time for hearing protests August 16th, 1923, for the improvement of the alley, I and J, 8th and 9th streets which includes 4000 sq. ft. concrete pavement, 188 cu yds. excavation, etc.

SACRAMENTO, Cal.—City Council passed Resolution of Intention and set time for hearing protests August 16th, 1923, for the improvement of Santa Ynez Way from Folsom Blvd. to Crescent Park and N street from Santa Ynez Way to 36th street which includes 1375 cu. yds. excavation; 52,408 sq. ft. asphaltic concrete pavement 4-in. thick; 110 lin. ft. narrow curb and gutter; 170 lin. ft vitrified ironstone pipe, etc.

SACRAMENTO, Cal.—City Council passed Resolution of Intention and set time for hearing protests August 16th, 1923, for the improvement of 12th Ave. from Franklin Blvd. to Sacramento Blvd. which includes 49,600 sq. ft. asphaltic concrete pavement; 2750 lin. ft. vitrified ironstone pipe; 1910 cu. yds. excavation, etc.

SACRAMENTO, Cal.—City Council passed Resolution of Intention and set time for hearing protests August 16th, 1923, for the improvement of Serra Way from 34th to 35th streets, which includes 14,010 sq. ft. asphaltic concrete pavement; 250 cu. yds. excavation; 25 lin. ft. curb and gutter, etc.

KINGSBURG, Fresno Co., Cal.—California Construction Co., 85 2nd St., San Francisco, at approx. $20,000 awarded cont. by city trustees to grade and pave portions of California St. with 4-in. asph. conc. with 1½-in. Warrenite-Bit. surface; const. conc. curb, gutter and walks; corru. metal culvert.

NAPA, Napa Co., Cal.—Until Aug. 9, 1 p. m., bids will be rec. by Board of Trustees of Tulocay Cemetery Assn., 935 Brown St., Napa, to grade and macadamize approx. 600 lin. ft. of roadway in cemetery. Cert. check 10% payable to Chairman of Board of Trustees of Assn. req. with each bid. Further information from above address.

OROVILLE, Butte Co., Cal. — Until Aug. 8, 1:30 p. m., bids will be rec. by C. F. Belding, county clerk, to excavate and load or stock pile gravel, as follows: 500 cu. yds. at Grell Pit, 5-mi. west of Richvale; 3000 cu. yds. at Cummings Pit, near Biggs. Spec. obtainable from County Rd. Eng. Harry H. Hume.

SACRAMENTO, Cal.—City Council passed Resolution of Intention and set time for hearing protests August 16th, 1923, for the improvement of 9th Ave. from 35th street to Sacramento Blvd., which includes 29,200 sq. ft. asphaltic concrete pavement 4 in. thick; 2300 lin. ft. curb and wide gutters; 477 lin. ft. vitrified ironstone pipe; 613 cu. yds. excavation, etc.

SALINAS, Monterey Co., Cal.—Clark & Henry Co., 38 S-Sutter St., Stockton, have been awarded a contract on their bid of grading, .03; paving, .203; cut, .65; gutter, .23; catchbasins, $75; 10" pipe, $2; 8" pipe, $1.75; total, $5973.59, to imp. portions of John St., grade; pave with 2-in. Warrenite-Bit. surface on 7-in. water bound base; const. hyd. conc. curbs and gutters; 2 hyd. cem. conc. catchbasins with 101in. galv. carru. iron pipe culvert and placing 7-in. galv. corru. iron pipe culverts at sidewalk intersections.

SONOMA COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Aug. 13, 2 p. m. to grade and surface with gravel 11.5 mi. bet. Beltane and Schellville. Project involves: 46,000 cu. yds. embankment without classification; 91,000 station yds. overhaul; 2000 cu. yds. structure excav. without classification; 3500 cu. yds. gravel in subbase; 29,200 cu. yds. gravel surface; 1525 cu. yds. class A Port. cem. conc. (culverts and monuments); 60 cu yds. rubble masonry 1503 lin. ft. 18-in. and 254 lin. ft. 24-in. corru. metal pipe. Commission will fur. corru. metal pipe.

SACRAMENTO, Cal.—Bids were received by the City Council for the improvement of Stockton Blvd. from 31st street to the Southern Pacific Company's right-of-way as follows:

Clark & Henery Constr. Co.	$69,900.00
A. Teichert & Son	70,238.70
McGillivray Constr. Co.	65,268.15

Bid was awarded to the McGillivray Constr. Co., Folsom Blvd. and 6th St., Sacramento, at $65,268.15.

WATSONVILLE, Santa Cruz Co., Cal.—Until Aug. 7, 8 p. m., bids will be rec. by M. M. Swisher, city clerk, to imp. Palm Ave., bet. Brennan and Sudden Sts., involv. re-macadamizing and oiling with asphaltic oil; const. conc. gutters and curbs. Cert. check 10% payable to Mayor req. H. B. Kitchen, city eng.

WATSONVILLE, Santa Cruz Co., Cal.—Until Aug. 7, 8 p. m., bids will be rec by M. M. Swisher, city clerk, to imp. Rodriguez St., bet. Lake and 5th St., involv. re-macadamizing and oiling with asphaltic oil. Cert. check 10% payable to Mayor req. H. B. Kitchen, city engineer.

CARSON CITY, Nevada — Nevada State Commission has completed plans for the following units of the highway system:

Westgate to Eastgate, in Churchill county, 10.25 mi. 10-ft. gravel.

City of Elko, Elko county, 1.94 mi. concrete and gravel.

City of Ely, White Pine county, 1.55 mi. concrete and gravel.

Ploche to Caliente, Lincoln county, 27-mi. gravel surface.

Geo. W. Borden, state highway eng.

NAPA, Napa Co., Cal.—Until Aug. 13, 7:30 p. m., bids will be rec. by H. H. Thompson, city clerk, to imp. Lincoln Ave., bet. York and Jefferson sts., including terminations of Spencer and George Sts., grade; pave with 2-course asph. macad., 40-ft. wide; const. 6-in. vit. sewer with 2 wye branch pt. 14-ft. east of Spencer St. to pt. 265 ft. east; const. flusher hole with c. i. frame and cover and 1 conc. catchbasin. Cert. check 10% payable to city req. H. A. Harrold, city eng.

RICHMOND, Contra Costa Co., Cal.—City council, A. C. Faris, clerk, declares inten. to imp. Maine Ave., bet. 23rd St., and S. P. right-of-way, involv.: grading; pave with Richmond stand. macadam; const. cem. conc. curbs with bars of galv. steel; cem. conc. gutters, sidewalks, wingwalls and portals and cem. conc. and corru. iron or steel culverts; 27th St., bet. Maine and Cerrito, Addition, involv. grading; pave with Richmond stand. macadam; conc. curbs and gutters; r.w. headers. 1911 Act. Protests Aug. 13. H. D. Chapman, city eng.

WHITTIER, Cal.—Geo. A. Simpson, San Fernando, awarded contr. by city trustees to imp. alley east of Painter Ave., from Philadelphia St., north, involving 3599 sq. ft. grading 5c ft.; conc paving 24c ft.

Geo. A. Simpson awarded cont. to imp alley bet. Bright and Greenleaf Aves., from Louella St. to Orange Dr., involv. 12,252 sq. ft. grading 5c ft.; 12,252 sq. ft. conc. paving 27c ft.

RED BLUFF, Tehama Co., Cal. — City votes bonds of $24,000 to finance construction of sewer extensions. W. F. Lunning, city eng.

SAN DIEGO, Cal.—Until 10:30 a. m., Aug. 20, bids will be rec. by city clk. to imp. Redwood, Palm, Bancroft, 33rd and Felton Sts., involv. 6599.9 cu. yds. earth excav., 724.5 cu. yds. earth embank., 6863.7 lin. ft. cem. conc. curb, 33,168 sq. ft. cem. conc. sidewalk. 1911 Act. Cert. check 10%. F. A. Rhodes, city engr. Allen H. Wright, city clerk.

RICHMOND, Contra Costa Co., Cal.—City council, A. C. Faris, clerk, declares inten. to imp. portions of Standard and Washington Aves., and Castro St.: regrade; pave with 2-course, 6-in. asph. conc.; cem. conc. curbs with galv. steel curb bars; cem. conc. walks, gutters, driveways and catchbasins; c.o. ir steel pipe and cem. conc. culverts; vit. pipe sewers. 1911 Act. Protests Aug. 20. H. D. Chapman, city eng.

SANTA ANA, Cal. — T. W. Oglesby awarded contract by city trustees to imp. West Walnut St., bet. Flower and Baker Sts., involv. 77,001 sq. ft. grading and paving with 5-in. conc. 21c ft; 287 ft. hse. sewer 45c ft.; 839.3 lin. ft. curb 45c ft.

WHITTIER, Cal.—Griffith Co., L. A. Ry. Bldg., Los Angeles, awarded cont. by city trustees to imp. Pierce Ave. and Muir Ct., involv. 33,353 sq. ft. grading 4c ft.; 33,353 sq. ft. 6-in. conc. 24c ft.; 2275 ft. curb 50c ft.; 9583 sq ft. walk 20c ft.

Griffith Co. awarded cont. to imp. Hillview Ct., involv. 17,667 sq. ft. grading 5c ft.; 17,667 sq. ft. 6-in. conc. paving 23c ft.; 1240 ft. curb 55c ft.; 373 sq. ft. walk 20c ft.

Griffith Co. awarded cont. to imp. Orange Dr., involv. 16,115 sq. ft. grading 5c ft.; 16,115 sq. ft. 6-in. cem. conc. paving 23c ft.; 1250 ft. curb 55c ft.

HUNTINGTON BEACH, Cal. — G. M. Souter, care 200 Luckenbach Bldg., Los Angeles, awarded cont. by city trustees at $238,900 to pave Ocean Ave. with 2-in. Willite on 4-in. conc. base. Contr. was previously reported awarded to Geo. H. Oswald.

CARMEL-BY-THE-SEA, Monterey Co Cal.—City trustees order plans prepared to improve San Carlos St., from north to south city limits. Perry Newberry is commissioner of streets.

HANFORD, Kings Co., Cal.—City Engineer Ben Duffield instructed to prepare spec to imp. E-6th St., bet. Harris and east city limits; Brown St., bet. 5th and 7th and Green St., bet. 6th and 7th.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. 77th Ave., bet. E-14th St. and Fitchburg Addition, involv. grade, $.03; conc. curb, $.50; conc gutter, $.24; oil macadam pave, $.115; storm water inlet, $50.50; 10-in. pipe conduit, $1.40.

INGLEWOOD, Cal.—J. L. McLain, Inglewood, submitted low bid to city trustees at $39,934.19 for imp. Commercial St.; bid will probably be declared irregular as he bid per lin. ft. instead of sq. ft.; work involv. 144,549 sq. ft. grading and paving with 6-in. conc. 127 sq. ft. walk; 42 ft. curb; 624 ft. culvert; c. i. pipe inlet. Other bids were C. W. Sparks, $40,295.85; Geo. H. Oswald, $41,959.75; J. P. Benson, $42,-314.23 (this bid spec. grading per lin. ft. instead of sq. ft.); J. F. Knapp, $42,-835.70; W. D. McCray, $44,927.70; D. C. Nichols, $45,622.40.

HERMOSA BEACH, Cal.—Until 8 p. m., Aug. 14, bids will be rec. by city trustees to imp. Summit Ave., bet. E St. and Manhattan Ave., involv. 5½-ft. walks; 1911 Act. Cert. check or bond 10%. B. F. Brown, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—City council approves spec. to imp. Younglove ave. by grading and paving with oil macadam; const. conc. gutters with storm water culverts, manhole and catchbasins at intersection of Seaside Ave.

SALINAS, Monterey Co., Cal.—City council plans improvement of Main St. Preliminary estimates prepared by City Eng. Howard Cozzens place costs as follows: new foundation surface totaling 7-in. $.45 sq. ft. of $13 front ft. and 3-in. surface laid on present foundation, $.20 sq. ft or $6 or $6.50 front ft.

POMONA, Cal.—Until 12 o'clock m., Aug. 7, bids will be rec. by council to imp. Kingsley Ave., bet. San Antonio Ave. and Palomares St.; grade and pave with 5-in. crushed rock and oil; const. 8-in. vit. pipe sewer; 7 manholes; 1 flush tank; 80 4-in. hse. connections; 1911 Act. L. R. Trotter, city clerk.

BURBANK, Cal. — Until 7:30 p. m., Aug. 7, bids will be rec. by city trustees to imp. under 1911 Act following streets:

Providence Ave., bet. 10th St. and Sunset Canyon Dr., grade and pave with oil and rock; const. curb, gutter and walk.

Angeleno Ave., Tujunga Ave., and Verdugo Ave., bet. 10th and Sunset Canyon Dr., grade and pave with oil and rock; const. curb, walk, gutter; cem. conc. and corru. iron storm drain.

F. S. Webster, city clerk, Cert. chk. or bond 10% in each case.

Auto Supplies
at Cut Rate

EVERYTHING FOR YOUR MACHINE

Zimmerlin Bros. Co.

Established 1907

3190 MISSION ST. — Junction Valencia — Phone Market 8926

24 VAN NESS AVENUE — Near Market

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2898	Lees	Hurlburt	8000
2899	Borilli	French	9950
2900	TTomassini	Owner	5500
2901	Purcell	Owner	3000
2902	S. P. Co.	Raisch	——
2903	Los Angeles	Braas	5721
2904	Mahler	Rench	5500
2905	Hellman	Larsen	83000
2906	Feerick	Owner	6000
2907	Arsenault	Sourich	1800
2908	McEnery	Hamerton	7245
2909	Schmidt	Owner	3000
2910	Lindeman	Owner	10000
2911	Same	Same	4500
2912	Reinhart	Owner	6000
2913	Markowitz	Hantzsche	4000
2914	Haughy	Monson	5650
2915	P G & E	Healy	——
2916	Sixth Chr.	Coburn	8600
2917	Same	Decker	1307
2918	Same	Hillard	624
2919	Same	Goss	3579
2920	Same	Scott	1195
2921	Lewis	Schwarz	4450
2922	Elkington	Elkington	4500
2923	Lewis	Schwartz	4500
2924	P G & E	Heine	18946
2925	Lee	Hamilton	1000
2926	Rademacher	Boswall	1100
2927	Ede	Knowles	1000
2928	Lind	Owner	2000
2929	Preti	Masarie	2000
2930	Nielsen	Mohler	4000
2931	Sala	Mitcvhell	8000
2932	Dalessio	Sherrq	2000
2933	Lapham	Lapham	7000
2934	Ladouceur	Owner	2800
2935	Castelli	Garanzi	1000
2936	Pike	Marsden	13000
2937	Reilly	Reilly	22000
2938	Nelson	Owner	4000
2939	Same	Same	5000
2940	J acobs	Ohlsen	4000
2941	Viguie	Mattock	38000
2942	Koenig	Owner	16000
2943	Gunnison	Gunnison	15000
2944	Herman	Miller	14000
2945	Crest View	Atlas	45000
2946	Warden	Owner	15000
2947	Same	Same	4000
2948	Munsell	Magtr	3600
2949	Monson	Owner	7000
2950	Shell	Owner	1400
2951	Stone	Kincanon	28500
2952	Kincanon	Owner	10000
2953	Same	Same	28500
2954	Wurlitzer	Brumfield	1025
2955	Rabe	Olson	3275
2956	Munsell	Mager	6600
2957	Driscoll	Martin	110000
2958	Kautes	Owner	2000
2959	Boe	Owner	2500
2960	Morris	Owner	6500
2961	Ferreiros	New Era	3000
2962	Pratt	Kenedly	1200
2963	St. Francis	Boxton	10000
2964	Hueter	Boxton	8000
2965	Boe	Owner	2500
2966	Howard	Owner	4000
2967	Boe	Owner	2500
2968	Boehm	Demartini	2000
2969	Glidden	Owner	15000
2970	Zozzi	Sorbi	3200
2971	Parisi	Perino	1600
2972	Baker	Gilmour	5000
2973	Swanson	Owner	1000
2974	Catona	Fillipis	11000
2975	Woodfield	Jacks	10588
2976	Roman	Ryan	2248

STORE

(2898) SE WEST PORTAL Lot 24 52 N Vicente. One-story and basement concrete store.
Owner—Milton Lees, 524 Montgomery St., San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Contractor—W. G. Hurlhurt, 1373 Minna St., San Francisco. $8000

FLATS

(2899) E MISSION 200 SW Excelsior. Three-story and basement stores and flats.
Owner—A. Borilli, 4607 Mission St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—W. M. French, 605 Lisbon St., San Fran cisco. $9950

DWELLING

(2900) E STEINER 50 S Chestnut. One-story and basement dwelling.
Owner—Tomassini Co., 211 Moulton St., San Francisco.
Architect—None. $5500

DWELLINGS

(2901) E THIRTY-SEVENTH AVE — N Anza. Three one-story and basement dwellings.
Owner—J. L. Purcell, 850 Presidio Ave., San Francisco.
Architect—Milton W. Monson, 716 41st Ave., San Francisco.
Contractor—J. L. Purcell, 850 Presidio Ave., S. F. $300 each

PAVEMENT

(2902) GALVEZ & HUDSON AVES & Quint St. Approximately 40,000 sq. ft. concrete pavement in stock pens
Owner—Southern Pacific Co.
Architect—None.
Contractor—Raisch Improvement Co., 46 Kearny St., San Francisco.
Filed July 26, 1923. Dated June 29, 1923
Monthly 75%
Usual 35 days 25%
TOTAL COST, $.15 sq. ft.
Bond, $4500; Sureties, National Surety Co.; Forfeit, none; Limit, 30 days; Plans and specifications, none.

BUILDING

(2903) N BRANNAN AND SECOND NW 160xNE 100. Cabinet work in office of two-story and basement reinforced concrete building.
Owner — Los Angeles Soap Co., 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Braas & Kuhn Co., 1919 Bryant St., San Francisco.
Filed July 26, '23. Dated July 25, '23.
All work delivered at prem...$2145.25
Completed and accepted..... 2145.50
Usual 35 days..... 1430.25
TOTAL COST, $5721.00
Bond, $2861. Sureties, R. Ruppert and B. Anderson. Limit, 25 days. Forfeit, none. Plans and specifications filed.

BUILDING

(2904) S ARMY 25 E Harrison E 25x S 100. All work for one-story and garage frame building
Owner — Louis and Elizabeth Mahler, 1515 Galvez Ave., San Francisco.
Plans by Contractor.
Contractor—Michael C. Rench.
Filed July 26, '23. Dated July 19, '23.
Frame up $1375
Brown coated 1375
Completed and accepted..... 1375
Usual 35 days..... 1375
TOTAL COST, $5500
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

FACTORY
(2905) N SIXTEENTH bet. Harrison and Alabama with a depth of 135. All work for two-story and basement brick, steel and concrete factory building.
Owner — Richard Hellman, Inc., 576 Mills Bldg., San Francisco.
Architect—John K. Turton Co. and J. F. Musselman, 101 Park Ave., N. Y.
Contractor—Harold Larsen, 681 Market St., San Francisco.
Filed July 26, '23. Dated May 3, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $83,000
Bond, $83,000. Sueties, N. C. N. T. Larsen and Gottfried Petterson. Limit, 100 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(2906) W TWENTY-FOURTH AVE 50.74 S Cabrillo. Two-story and basement residence.
Owner—P. J. Feerick, 757 9th Ave., San Francisco.
Architect — Andrew H Knoll, Hearst Bldg., San Francisco. $6000

DWELLING
(2907) N QUESEDA AVE 175 W Lane. One-story and basement frame dwelling.
Owner—E. J. Arsenault, 18 Latona St., San Francisco.
Architect—T. A. Sourich, 1733 Palou St. San Francisco.
Contractor—T. A. Sourich, 1733 Palou St., San Francisco. $1800

DWELLING
(2908) LOT 18 BLK 19, St. Francis Wood. Two-story and basement dwelling.
Owner—Emily C. McEnery, 1868 Buchanan St., San Francisco.
Architect—None.
Contractor — A. C. Hamerton, 475 Dewey Blvd., S. F. $7245

RESIDENCE
(2909) E SEVENTEENTH AVE 85 N Cabrillo One-story and basement frame residence.
Owner—H. C. Schmidt, 677 16th Ave., San Francisco.
Architect — Milton W. Morrison, 716 41st Ave., San Francisco. $3000

APARTMENTS
(2910) W TWENTY-FOURTH AVE 100 S Geary. Two-story and basement frame (4) apartments.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman, 530 Balboa Stn San Francisco. $10,000

BUNGALOW
(2911) E TWENTY-SEVENTH AVE. 175 N Geary. One-story and basement bungalow.
Owner—H O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman, 530 Balboa St., San Francisco. $4500

SHED
(2912) SE BARNEVELT & JERROLD. One-story frame lumber shed
Owner—Reinhart Lumber Co., 17th and Kansas Sts., San Francisco.
Plans by Owner. $6000

DWELLING
(2913) W THIRTY-NINTH AVE 175 S Anza. One-story and basement frame dwelling.
Owner—Sam Markowitz, 128 Irving St., San Francisco.
Architect—None.
Contractor—G. M. Hantzsche, 455 32nd Ave, San Francisco. $4000

RESIDENCE
(2914) W TWENTY-SIXTH AVE 250 N Taraval W 120 N 43-5 E 120-3 S 35-5. All work except lighting fixtures for frame residence.
Owner—E. W. Haughy, 538 Harrison St, San Francisco.
Architect—Shea & Shea, Chronicle Bldg., San Francisco.
Contractor—R. Monson.
Filed July 27, '23. Dated July 27, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $5650
Bond, $2825. Sureties, Chas. Monson & F. Monson. Limit, Nov 1, 1923. Forfeit, none. Plans and specifications filed.

PILE DRIVING
(2915) E MARKET & BEALE N E 137-6 x SE 138-2. Pile driving for office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—Healy Tibbitts Construction Co., 64 Pine St., S. F.
Filed July 27, 1923. Dated July 25, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $17.40 per pile
Bond, $15,000; Sureties, National Surety Co.; Forfeit, none; Limit, 90 days; Plans and specifications filed.

BUILDING
(2916) SE DIVISADERO AND CLAY — 103-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Carpenter, rough hardware and setting mill work for one-story, mszzanine and basement brick building.
Owner—6th Church of Christ Scientist.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Ira W. Coburn, Hearst Bldg, San Francisco.
Filed July 27, '23. Dated July 18, '23.
On 3rd of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $8600
Bond, $4300. Sureties, Geo. Rehn and Chas. Sartorio. Limit, as fast as required. Forfeit, $30. Plans and specifications filed.

(2917) ELECTRIC EQUIPMENT ON above.
Contractor—Decker Electrical Constr. Co., 149 New Montgomery St. S. F.
Filed July 27, '23. Dated July 12, '23.
Roughed in $700
Completed and accepted..... 655
Usual 35 days..... 452
TOTAL COST, $1807
Bond, none. Limit, 5 days after receiving notice. Forfeit, $30. Plans and specifications filed.

(2918) IRON WORK, SIDE WALK grating, window grills and anchors on above.
Contractor—C. J. Hillard Co., 19th and Minnesota St., San Francisco.
Filed July 27, '23. Dated July 12, '23
Completed and accepted.....$468
Usual 35 days..... 156
TOTAL COST, $624
Bond, none. Limit, as fast as required. Forfeit, $30. Plans and specifications filed.

(2919) PLUMBING, VACUUM PIPING, terra cotta flues and gas heating on above.
Contractor—Wm. P. Goss, 4640 Geary St., San Francisco.
Filed July 27, '23. Dated July 12, '23.
On 3rd of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3579
Bond $1790. Sureties, G. M. Hantzsche and Thos. E. Mohler. Limit, as fast as required Forfeit, $30. Plans and specifications filed.

(2920(PIPING FOR HEATING, OIL equipment and ventilating on above
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed July 27, '23. Dated July 12, '23.
Completed and accepted.....$896.25
Usual 35 days..... 298.75
TOTAL COST, $1195.00
Bond, $596. Sureties, Wm P. Scott and A. M. Van Pelt. Limit, as fast as possibe. Forfeit, $30. Plans and specifications filed.

BUILDING
(2921) SE HARRISON 155 W Fourth SW 25x80. All work for one-story brick building.
Owner—Edward and Henrietta Lewis, 432 Sixth St., San Francisco.
Plans by Contractor.
Contractor — Charles Schwarz, 1440 Hyde St., San Francisco.
Filed July 26, '23. Dated July 20, '23.
Walls ready for ceiling joists.$1668.75
Building completed 1668.75
Usual 35 days..... 1112.50
TOTAL COST, $4450.00
Bond, $2225. Surety, A. A. Zelinsky. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
(2922) SIXTEENTH AVE 200 S Judah One-story and basement frame dwelling.
Owner—Julia Elkington, 1291 33rd Ave., San Francisco.
Architect—None.
Contractor—Geo. J. Elkington, 1291 33d Ave. San Francisco. $4500

SHOP
(2923) E OCTAVIA 92 S McAllister. One-story concrete shop.
Owner—E. & H. Lewis, 6th and Folsom Sts., San Francisco.
Architect—None.
Contractor—Chas. Schwartz, 180 Jessie St., San Francisco. $4500

CHIMNEY
(2924) LOT 58 BLK BDED BY STEVenson, Fifth, Jessie and Sixth Sts. All work for reinforced concrete chimney for steam station T.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor — The Heine Chimney Co., 703 Market St., San Francisco.
Filed July 28, '23. Dated July 20, '23.
On completion of foundation... 25%
On completion of outershell... 25%
On entire completion 25%
Usual 35 days..... 25%
TOTAL COST, $18,946
Bond, $9475. Surety, United States Fidelity & Guaranty Co. Limit, 70 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2925) NO. 2633 TWENTY-FIRST ST. Raise dwelling 6 ft. and general repairs.
Owner—S. Lee, Premises.
Architect—None.
Contractor—B. B. Hamilton, 65 Norwich St., San Francisco. $1000

ALTERATIONS
(2926) E THIRTY-FIRST AVE 100 S Cabrillo. General repairs and alterations for dwelling and private garage.
Owner—Val. Rademacher, 1351 McAllister St., San Francisco.
Architect—None.
Contractor — W. C. Boswall, 2764 McAllister St., San Francisco. $1100

NEW ROOF
(2927) NO. 279 THIRTEENTH ST., New tar and gravel roof for store house.
Owner—W. Ede.
Architect—None.
Contractor—W. Knowles, Hearst Bldg., San Francisco. $1000

DWELLING
(2928) W CAPITOL 175 S De Montford. One-story and basement frame dwelling.
Owner—Oscar Lind, 1162 Capitol Ave., San Francisco.
Architect—None. $2000

GARAGE
(2929) N CHESTNUT 100 W Grant Av. One-story frame private garage.
Owner—Pietro Preti, 330 Chastnut St., San Francisco.
Architect—L. Mastropasqua, 580 Washington St., San Francisco.
Contractor—V. Masarie, 1121 Wisconsin St., San Francisco. $2000

DWELLING
(2930) W TWENTY-EIGHTH AVE 292 N Cabrillo. One-story and basement frame dwelling.
Owner—Gus Nielsen, 150 10th Ave., San Francisco.
Architect—None.
Contractor—T. E. Mohler, 751 28th Ave., San Francisco. $4000

DWELLINGS
(2931) SE YORK AND TWENTY-sixth and E YORK 25 and 50 S 26th Three one-story and basement frame dwellings.
Owner—A. G. Sala, 16th and Valencia Sts., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. $4000 each

DWELLING
(2932) S PALOU AVE 50 NW Jennings. One-story and basement frame dwelling.
Owner—Michele Dalessio, 1408 Quesada Ave., San Francisco.
Architect—None.
Contractor—F. Sherry, 1447 McKinnon Ave., San Francisco. $2000

DWELLING
(2933) S CLEMENT 106-4 E Thirty-eighth Ave. Two-story and basement frame dwelling.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None.
Contractor—Lapham Bldg. Co., 6311 Geary St., San Francisco. $7000

DWELLING
(2934) NE ROLPH 25 E Paris One-story and basement frame dwlg.
Owner—John Ladouceur, 272 Templeton Ave., Daly City.
Architect—None . $2800

ADDITION
(2935) NO. 21 BOYCE. Addition of bath, toilet and one room to residence; tar and gravel roofing, etc.
Owner—Ricardo Castelli, Premises.
Architect—None.
Contractor—Geo. Caranzi, 420 17th Ave, S. F. $1000

ALTERATIONS
(2936) N CLAY 169-2 E Walnut. Remodel 2 flats and attic for 5 four-room apartments and one 2-room apartment.
Owner—Mr. and Mrs. O. A. Pike, 3352 Clay St., San Francisco.
Architect—None.
Contractor—J. W. Marsden, 507 Cole St., San Francisco. $13,000

FLAT, ETC.
(2937) NW DOLORES AND TWENTY-fifth. Two-story frame undertaking parlors and flat.
Owner—Jas. H. Reilly, 929 Valencia St., San Francisco.
Architect—Jas F. McGuiness Jr., 529 Phelan Bldg., San Francisco.
Contractor—Frank J. Reilly, 752 4th Ave., San Francisco. $22,000

DWELLING
(2938) W MADRONE 240 N Ulloa. Two-story and basement frame dwelling.
Owner—Fernando Nelson & Sons., Inc., 2 West Portal Park, S. F.
Architect—None. $4000

DWELLING
(2339) E WAWONA 60 N Vicente Two-story and basement frame dwelling.
Owner—Fernando Nelson & Sons., Inc., 2 West Portal Park, S. F.
Architect—None. $5000

DWELLING
(2940) E THIRTY-THIRD AVE 237-6 N Taraval. One-story and basement frame dwelling.
Owner—Wm Jacobs, Mountain View, Calif.
Architect—None.
Contractor—A. H. Ohlsen, 2426½ Pine St., San Francisco. $4000

APARTMENTS
(2941) —N O'FARRELL 55 W Hyde One-story concrete Class C (9) apartments.
Owner—Chas. Viguie, 120 Ellis St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor — Mattock & Feasey, 251 Kearny St., S. F. $38,000

APARTMENTS
(2942) SE GOUGH AND FILBERT. Two-story and basement frame (8) apartments.
Owner—Chas. J. U. Koenig, 520 Church St., San Francisco.
Architect—None. $16,000

APARTMENTS
(3943) W BRODERICK 50 S Ellis 25x 100. All work for two-story and basement residential apartment building.
Owner—Grace F. and M. F. Gunnison, 1666 Golden Gate A ve., S. F.
Plans by Contractor.
Contractor—Wm. F. Gunnison, 57 Post St., San Francisco.
Filed July 30, '23. Dated July 30, '23.
Roof on $2250
White coated 2250
Standing trim and mill work on job 2250
Completed and accepted..... 2250
Usual 35 days..... 3750
TOTAL COST, $15,000
Bond, $7500. Sureties, Fred W. Hollman St. and E. K. Nelson Limitf 90 days. Forfeit, plans and specifications, none.

APARTMENTS
(2944) E DOLORES 147 S Eighteenth. Two-story and basement frame (3) apartment flats.
Owner—Agnes Herman, 426 Oak St., San Francisco.
Architect—None.
Contractor — Fred Miller, 225 Dolores St., San Francisco. $14,000

GARAGE
(2945) N WASHINGTON 129-6 E Gough. One-story reinforced concrete private garage.
Owner—Crest View Investment Co., % Architect.
Architect—J. L. Stewart, Claus Spreckels Bldg., San Francisco
Contractor — Atlas Concrete Co., 180 Jessie St., San Francisco. $45,000

APARTMENTS
(2946) NW SECOND AVE & IRVING Three-story and basement (14) apartments.
Owner—Fred Warden, 825 Monadnock Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $15000

DWELLING
(2947) N KIRKHAM 95 W Fifth Ave. Two-story and basement frame dwelling.
Owner—Fred Warden, 825 Monadnock Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $4000

DWELLING
(2948) N UNION 154-3¾ W Larkin. Two-story frame dwelling.
Owner—J. E. O. Munsell, 1808 Vallejo St., San Francisco.
Architect—None.
Contractor—Mager Bros., 1318 Valencia St., San Francisco. $3600

DWELLINGS
(2949) W MERCELA 180 and 230 N Pacheo. Two one-story and basement frame dwellings.
Owner—F. Monson, 1757 4th Ave., S. F.
Architect—Gustave Stahlberg. $3500 each

STATION
(2950) SW GEARY AND NINTH AVE. One-story steel service station.
Owner — Shell Co. of California, 343 Sansome St., San Francisco.
Architect—None. $1400

APARTMENTS
(2951) E FRANKLIN 60-8½ N Washington. Three-story and basement frame (6) apartments.
Owner—Marrie Stone, 940 Jones St., San Francisco.
Architect—W. C. Mahoney, 159 Sutter St., San Francisco
Contractor—Kincanon & Perego, 159 Sutter St., San Francisco. $28,500

APARTMENTS
(2952) NE FRANKLIN AND WASHington. Four-story and basement frame brick (16) apartments.
Owner—Kincanon & Perego, 159 Sutter St., San Francisco.
Architect—W. C. Mahoney, 159 Sutter St., San Francisco. $100,000

APARTMENTS
(2953) N WASHINGTON 96 E Franklin. Three-story and basement frame (6) apartments.
Owner—Kincanon & Perego, 159 Sutter St., San Francisco.
Architect—W. C. Mahoney, 159 Sutter St., San Francisco. $28,500

MARQUISE
(2954) E MISSION 215 S Nineteenth. All work for sheet metal marquise with electric signs for building.
Owner—The Rudolph Wurlitzer Co.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—Brumfield Elec. Sign Co., 965 Folsom St., San Francisco.
Filed July 31, '23. Dated July 12, '23.
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, $1025
Bond, none. Limit, 25 days. Forfeit, plans and specifications, none.

ALTERATIONS
(2955) S CLEMENT 80 E Eleventh Ave E 40xN 75. All work for alterations and additions to building.
Owner—Mrs. Alice N Rabe, 930 Clement St., San Francisco.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco.
Contractor—C. Olson, 375 Hill St., San Francisco.
Filed July 31, '23. Dated July 28, '23.
Enclosed ready for roofing.....$850
Brown coated & outside cementing ready for dash coat..... 800
Completed and accepted..... 800
Usual 35 days..... 825
TOTAL COST, $3275
Bond, $1650. Sureties, Mary Olson and Jno. Nelson. Limit, 60 days. Forfeit, $5. Plans and specifications filed.

RESIDENCE
(2956) N UNION 154-3¾ W Larkin. All work except electric fixtures, shades, water heater and finish hardware for a two-story residence
Owner—J. E. O. Munsell, 1808 Vallejo St., San Francisco.
Architect —None.
Contractor—Mager Bros., 5326 Geary St., San Francisco.
Filed July 31, '23 Dated ——.
Frame up $2200
Brown mortar on..... 2200
Accepted 2200
TOTAL COST, $6600
Bond, none. Limit, Oct. 15, 1923. Forfeit, none. Plans and specifications filed.

APARTMENTS
(2957) NE GEARY AND LEAVENworth. Five-story and basement steel frame Class C (33) apartments.
Owner—Annie Driscoll, % Architect.
Architect—Sylvain Schnaittacher, 233 Post St., San Francisco.
Contractor — Wm. Martin, 180 Jessie St., San Francisco. $110,000

DWELLING
(2958) E PRENTIS 205 N Jarboe One story and basement frame dwelling.
Owner — W. Kautes, 367 Prentis St., San Francisco.
Architect—None. $2000

RESIDENCE
(2959) N MONTEREY BLVD. 154-4 E Edna. One-story and basement frame residence.
Owner—Anders M. Boe, 730 Joost Ave., San Francisco.
Architect—None. $2500

FRAME FLATS
(2960) W SIXTEENTH AVE 100 N Balboa. Two-story and basement frame (2) flats.
Owner—A. T. Morris, 602 9th Ave. San Francisco.
Architect—None. $6500

DWELLINGS
(2961) S MEDA 115, 148 and 181 E Delano. Three one-story and basement frame dwellings.
Owner—L. Ferreiros, 3289 Mission St., San Francisco.
Architect—None.
Contractor—New Era Bldg. Co., 3289 Mission St., San Francisco. $3000

ALTERATIONS
(2962) NO. 2958 SCOTT. General alterations to dwelling
Owner—W. Pratt, 2659 Filbert St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—H. J. Keneally, 2175 Green St., San Francisco. $1200

RESIDENCE
(2963) E JUNIPERO SERRA BLVD. 150 N Monterey Blvd. One and one half-story frame residence.
Owner—St. Francis Wood Co, 278 Post St., San Francisco.
Architect—Harold G. Stoner, 1st Nat'l. Bank Bldg., San Francisco.
Contractor—Boxton & Zwieg, 809 Flatiron Bldg., San Francisco. $10,000

DWELLING
(2964) E SAN RAFAEL 40 S Monterey One and one-half-story and basement frame dwelling.
Owner—O. M. Hueter, 805 Flatiron Bldg., San Francisco.
Architect—Harold G. Stoner, 1st Nat'l Bank Bldg., San Francisco.
Contractor—Boxton & Zwieg, 809 Flatiron Bldg., San Francisco. $8000

RESIDENCE
(2965) N MONTEREY 126-8 E Edna. One-story and basement frame residence.
Owner—Anders M. Boe, 730 Joost Ave., San Francisco.
Architect—None. $2500

DWELLING
(2966) E FORTY-EIGHTH AVE 255 S Balboa. One-story and basement frame dwelling.
Owner—Joseph Howard, 580 41st Ave., San Francisco.
Designer — Joseph Howard, 580 41st Ave., San Francisco.
Contractor—Joseph Howard, 580 41st Ave., San Francisco. $4000

DWELLING
(2967) N MONTEREY BLVD. 100 E Edna. One-story and basement frame dwelling.
Owner—Anders M. Boe, 730 Joost Ave., San Francisco.
Architect—None. $2500

DWELLING
(2968) S IRVING 82-6 W Twenty-seventh Ave. One-story and basement frame dwelling.
Owner—F. Boehme, 505½ 33rd Ave., San Francisco.
Architect—None.
Contractor—Wm. Demartini, 43 Lucky St., San Francisco. $2000

REMODEL
(2969) 1300 SEVENTH ST. Remodel interior of paint factory; erect brick varnish stacks; boiler room; move galv. iron building.
Owner—The Glidden Co., of California, 1300 7th St., San Francisco.
Architect—None. $15,000

DWELLING
(2970) W HAMPSHIRE 100 N 19th 2-story frame dwelling.
Owner—G. Sozzi, 29 Boyce St., S. F.
Architect—None.
Contractor—A. Sorbi, 534 Edinburgh St San Francisco. $3200

FLAT
(2971) 1333 KEARNY ST. Addition of 4 rooms for flat.
Owner—Antonio Parisi, 1333 Kearny St. San Francisco.
Architect—None.
Contractor—Mike Perino, 32 Sonora Pl., San Francisco. $1600

PLASTER
(2972) SW KEARNY AND POST STS. Erect scaffold and plaster exterior.
Owner—C. H. Baker, 1023 Hearst Bldg., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Contractor—Wm. G. Gilmour, 180 Jessie St., S. F. $5000

FOUNDATION
(2973) E SHRADER 164 N Grove. Underpin flats; new foundation.
Owner—Frisk and Swanson, 4331 19th St., San Francisco.
Architect—None. $1000

FLATS
(2974) W FRANKLIN 137-6 N Lombard. 2-story and basement frame (2) flats.
Owner—A. Catona, 1359 Kearny St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—V. Fillipis, 269 24th Ave., San Francisco. $11,000

STORES
(2975) W MISSION 30 S 21st S 30-3x W 70. All work for 2-story reinforced concrete bldg. (stores).
Owner—Wm. H. Woodfield Jr., Alexander Bldg., San Francisco.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—Henry Jacks and W. K. Irvine, 1387 Hayes St., S. F.
Filed Aug. 1, 1923. Dated—.
First story concrete walls poured $2647
Brown coated 2647
Completed and accepted 2647
Usual 35 days 2647
TOTAL COST, $10,588
Bond, $10,588; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, $50; Limit, Sept. 30, 1923; Plans and specifications filed.

SCHOOL
(2976) E NINTH AVE. 275 N Geary. Electric work for Star of the Sea high school.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—John O. Lofquist, 1399 Tamalpais Blvd., Berkeley.
Contractor—Mark E. Ryan, 251 Tehama St., San Francisco.
Filed Aug. 1, 1923. Dated Aug. 1, 1923.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $2248
Bonds, Sureties, Forfeit, none; Limit, as soon as possible. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

July 26, 1923—LOT 10 BLK 3109 and Lot 14 Blk 3137, Westwood Park. Hans and Esther E Nelson to whom it may concern.....July 24, 1923
July 26, 1923—W SAN FERNANDO 35 N Darien Way 40x100 Ptn Blk 3251 Balboa Terrace; W San Leandro Way 35 N Darien Way 40x100 Ptn Blk 3252, Balboa Terrace; E San Fernando Way 155 S Monterey Blvd 35x100 Ptn Blk 3251, Balboa Terrace. O M Hueter to Boxton & Zwiegg.....July 25, 1923
July 26, 1923—SE DIVISADERO & Clay — 106-3 S 127-8¾ W 25 N 25 W 81-3 N 120-8¼. Sixth Church of Christ Scientist in S. F. to Ralston Iron Works.....July 19, 1923
July 26, 1923—N BRANNAN 295 E 4th 60x80. The Lurie Co to J Martinelli .....July 25, 1923
July 26, 1923—N BUSH 135-6 W Mason W 30xN 137-6. Bertha Basye to Central Electric Co, Morrison & Co, Empire Planing Mill, P A Smith Co, Scott Co, Vukicevich & Bagge and Henry Cervais.....July 18, 1923
July 27, 1923—S HERNANDEZ AVE 150 E Garcia E 35x100. W S Hannan to whom it may concern.....July 26, 1923
July 27, 1923—NW TWENTY-SEVENTH Ave and Clement 32-6x100. Edward Ginley to whom it may concern.....July 27, 1923
July 28, 1923—SW ANZA & THIRTY-ninth Ave S 50xW 75. R Monson to whom it may concern.July 28, 1923
July 28, 1923—E TWENTY-SEVENTH Ave 292 N Cabrillo N 25xE 120. Thos E Mohler to whom it may concern.....July 28, 1923
July 28, 1923—E TWENTY-SEVENTH Ave 342 N Cabrillo N 25xE 120. Jas C Doyle to whom it may concern.....July 28, 1923
July 28, 1923—E TWENTY-SEVENTH Ave 317 N Cabrilio N 25xE 120. L B Hammond to whom it may concern .....July 28, 1923
July 28, 1923—W ELEVENTH AVE 200 N Irving No. 1262 Eleventh Ave. John Hunter to Cox Bros.July 27, '23
July 28, 1923—W SAN JOSE AVE bet.. 23rd and Alvarado. Emilie and Jos Lane to Wm M Reedy...July 27, 1923
July 28, 1923—SW LAWTON AND Ninth Ave W 55xS 25. Dahlberg & Peterson to whom it may concern.....July 28, 1923
July 30, 1923—TWENTY-SECOND Ave 175 N Anza N 25xW 120. Carl Lutz to K Adler.....July 30, 1923
July 30, 1923—SW TWENTY-SIXTH Ave and Geary 40x95. John Leone to Strand & Strand.....
July 30, 1923—LOTS 14 AND 15 BLK "F" Mission Terrace. Walter E Hansen to whom it may concern.....July 26, 1923
July 30, 1923—W THIRTY-FIFTH Ave 250 S Anza S 25xW 120. A R Lapham to whom it may concern.....July 30, 1923
July 30, 1923—E JULIAN AVE 185 S Fifteenth S 30xE 84. Mikach & and Margaret D Hayes to whom it may concern.....July 27, 1923
July 30, 1923—E ASHBURY 25 S Fulton. James M Stanton to whom it may concern.....July 25, 1923
July 30, 1923—COM AT INT. S BDY line Miranda Grant with W Lyon W 92.07 N 277.87 E 57.9 S 279.84 Carlo Matraia to H W Jensen. May 28; Same to Same.....May 28, 1923
July 31, 1923—W LISBON 250 N Russia Ave N 25x100. Mrs. Albert Nordstrom to whom it may concern.....July 25, 1923
July 31, 1923—W POTRERO AVE 23 S 19th S 100xW 100. Thomas F Mitchell to whom it may concern.....July 31, 1923
July 31, 1923—E FIFTEENTH AVE 175 S Cabrillo. Elias J and Rose Wade to whom it may concern.....July 31, 1923
July 31, 1923—N LOMBARD 137-6 W Pierce W 55xN 137-6. Joseph Pasqualetti to whom it may concern .....July 31, 1923
July 31, 1923—N CRESCENT AVE 23-4 W Anderson. Ernst Mistele to whom it may concern..July 21, 1923
July 31, 1923—E TWENTY-NINTH Ave 50 N Balboa N 25xE 82-6 O L 311. T L Sharman to whom it may concern.....July 28, 1923
July 31, 1923—S COURTLAND AVE 50 W Bennington. D Codino to M Eads.....July 30, 1923
July 31, 1923—NO. 3148 SAN BRUNO Ave. John W Dove and Bay View Bldg & Loan Ass'n to L Solomon.....July 23, 1923
July 31, 1923—W FAXON AVE 250 N Holloway Ave 25x112-6. Robert Miller and Wesley Donaldson to whom it may concern..July 31, 1923
July 31, 1923—W DELANO 150-11¼ from Ocean Ave 26-8x100. Antonio Garibaldi to A Debendetti & Son .....July 30, 1923
July 31, 1923—N TWENTY-SEVENTH 295 W Church 25x114. Daniel O'Neill to Thos McCormick.....July 30, 1923
Aug. 1, 1923—SE SUTTER AND Taylor F 45-10xS 81-8. F C Morgan to Thos Carroll.....July 31, 1923
Aug. 1, 1923—E BENNINGTON 75 S Newman S 25x100. Julia C Derby to C J Carlson.....Jul 30, 1923
Aug. 1 1923—W FORTY-FIFTH AVE 263 N Anza N 29xW 120. H E Gray to whom it may concern..July 31, '23
Aug. 1, 1923—W SCOTT 55 S Grove — 52-6xW 100. Axel A Johnson to whom it may concern..July 31, 1923
Aug. 1, 1923—SE BUSH & SANSOME 97x97. Continental Ins Co and Fidelity Phoenix Fire Ins Co to D R Wagner. Dwan & Co. Barrett & Hilp and Mission Marble Works .....August 1, 1923
Aug. 1, 1923—W THIRTY-FIFTH AV 200 N Balboa N 50xW 120. I B Arkwright and Jas H Conner to Meyer Bros .....July 26, 1923
Aug. 1, 1923—E TWENTY-NINTH Ave 190 N Cabrillo N 76xE 120. Daniel Putill to whom it may concern.....Aug. 1, 1923
Aug. 1, 1923—W TWENTY-THIRD Ave 175 and 200 N Ulloa. Arvid Halsen and John Siohlon to whom it may concern.....July 29, 1923
Aug. 1, 1923—E TWENTIETH AVE 225 S Cabrillo S 25xE 120. Walter A Dold to whom it may concern.....July 31, 1923
Aug. 1, 1923—S CORBETT 350 W Hattie W 25x96. John Gernetti to F Ennis.....July 23, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

July 26, 1923—S BUSH 190 E Pierce E 36-6xS 137-6. Sims & Gray Iron Works vs Annie and Gus Berndt and George A Williams.....$465
July 26, 1923—E TWENTY-SIXTH Ave. 100 N West Clay N 27-6 x E 120. J. P. Welsh vs. Fredericka C. Ebert.....$383.25
July 30, 1923—NW VAN NESS AVE and Bush 60 on Van Ness Ave and 100 on Bush. Davis Hardwood Co vs P E Blalach. A L Stone, Thos A Pearce and Fred W Holman..$794.45
July 31, 1923—SW EIGHTEENTH AV and Geary W 32-6xS 100. A Quandt & Sons vs W Hemminga and Oscar Tobriner $1298.29
July 31, 1923—S BUSH 186 W Steiner W 36-6xS 137-6 P E O'Hair & Co vs Gus & Annie Brendt.$153.67
July 31, 1923—NW FORTY-SECOND Ave and Irving W 95xN 25. Conney & Lee vs Ralph Ellis and J C Gibson $67.75
July 31, 1923—NE VAN NESS AVE and Chestnut. Ginsberg Tile Co vs Charles J Bandman and H J Hansen $384 34
July 31, 1923—W SAN JOSE AVE 28-3 N Elizabeth W 91-10 N 25 E 96 S 25. Carl Strew vs Louis F and Helen Koenig $2100

ug. 1, 1923—N FULTON 107-6 E 19th Ave E 25xN 100. United Materials Co vs Harry H and Harriet H Somers and H C Christiansen and W Stoughton $56.70
ug. 1, 1923—E CORBETT AVE AND Iron Alley SE 25xNE 124.10. The Greater City Lumber Co vs Gust & Elsie Gustafson and M J Hanson.. .....$120.05
ug. 1, 1923—NW BUSH AND VAN Ness Ave N 60xW 100. Uhl Bros vs P E Blalach, T J Pierce, F W Holman and A L Stone.....$410.47

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
July 26, 1923—S TWENTY-NINTH and NW San Jose Ave W 88-3⅛ S 29 E 77-4⅝ NE 31-2 m or l. Pioneer Plate & Window Glass Co to Jos and Fannie Leider to F Ennis....	
July 27, 1923—W THIRTY-NINTH Ave 50 S Anza S 25xW 75. Mario Terzulli to ——.....	$35
July 30, 1923—W LINE OLD W. P. Fuller & Company's bldg. on SW Cor. Mission and Beale W 68-9x 137-6. Sam Rosenberg and H J Day to Ralph McLaren and W P Fuller & Co.....	
July 31, 1923—SW EIGHTEENTH AVE and Geary W 32-6xS 100. Wm A Rainey & Son to W L Hemminga and Oscar Tobriner.....	$648
Aug. 1, 1923—NE VAN NESS AVE & Chestnut. Ginsberg Tile Co to Chas J Bandman	$384.34
Aug. 1, 1923—SW EIGHTEENTH AV and Geary S 100xW 32-6. H A Chalmers to Oscar Tobimer and Wm Hemminga.....	$122.20

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

July 26, 1923—276 THIRD ST. Mary E. Hallinan et al as to improvements on property .....
July 31, 1923—SW FOURTH 25 SE Minna SE 50xSW 75. The O'Sullivan Estate Corp as to improvements on property.....
Aug. 1, 1923—NW MARKET 50 SW Marshall Square. A F Rousseau as to improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1000 and Over Reported

The following is an index for the contracts in this issue.

	Owner	Contractor	Amt
1	Anaclerio	Owner	1500
2	Shelley	Frazier	4000
3	Swain	Cal Bldrs	13000
4	Moulin	Owner	55000
5	Johnson	Johnson	2250
6	Watkins	Owner	3000
7	Waldman	Owner	3000
8	Schneider	Metz	1200
9	Thompson	Owner	2000
10	Hogshead	Morris	1200
11	Runyan	Owner	3500
12	Newth	Bartlett	3250
13	Cary	Warwick	2500
14	Stowele	Perona	2400
15	Lindquist	Owner	3000
16	Standard	Owner	4000
17	Olofson	Cederborg	1500
18	Hunter	Owner	6000
19	Pollard	Owner	3500
20	Wisdom	Roe	2550
21	Marliare	Wood	1350
22	Hammer	Owner	3800
23	Shiflett	Taylor	3000
24	Cartwright	Smith	4000
25	Hill	Owner	1700
26	Engelken	Owner	2500
27	Merithew	Owner	2000
28	Brady	Diggs	3500
29	Holdin	Woodward	3500
30	S. P.	Hutchinson	——
31	Decker	Dildine	7900
32	Clausen	Haskett	4250
33	Bendace	Wright	1200
34	Damgaard	Owner	4000
35	Nicolaus	Owner	8800
36	Piperis	Owner	6000
37	Vares	Owner	3500
38	Gantz	Owner	5000
39	Smith	Laing	7000
40	Hall	Pratt	4900
41	Prosser	McPhee	4200
42	Salzen	Buckland	2500
43	Gibson	Jensen	6000
44	Marshall	Owner	5000
45	Chambers	Owner	3000
46	Philpe	Owner	2500
47	Ghighlieri	Anderson	4000
48	Strohel	Owner	2500
49	Costa	Owner	3000
50	Leveroni	Ford	2500
51	Williams	Froling	6900
52	Stover	Young	17000
53	Rogers	Owner	4500
54	Oliatt	Kalmodi	7200
55	Nilsen	Owner	2200
56	McAfarary	Runnels	3750
57	Boreneman	Short	17000
58	Goodwill	Farland	18000
59	Hufschmidt	Owner	11850
60	Davis	Owner	2000
61	Newman	McDowell	3750
62	Marshall	Owner	6000
63	Lathrop	Blair	3000
64	Chamberlin	Owner	3000
65	Rodrigues	Benjegerdes	3500
66	Easter	Owner	4000
67	Mortensen	MacGregor	4500
68	Lugger	Owner	2500
69	Blodgett	Owner	3000
70	Dunwoody	Owner	5000
71	Bacon	Swartz	1000
72	O'Conror	Owner	5200
73	Fisher	Owner	5000
74	McIntosh	Owner	5400
75	Lassen	Owner	5600
76	Francis	Owner	3500
77	Peppin	Owner	5300
78	Boyd	Owner	5000
79	Boge	Owner	7500
80	Berkeley	Hnederson	30000
81	Seoggin	Bartlett	4500
82	Lammerts	Wolbold	3000
83	Marquis	Owner	6000
84	Scamenino	King	4000
85	Ratti	King	4000
86	Schwarz	Holloway	4000
87	McCormick	Kochendorfer	4500
88	Riechel	Fish	3300
89	Saenz	Noble	1000
90	Bernt	Person	5000
91	Wright	Owner	1000
92	Sweetland	Hinch	1500
93	Buck	Williford	5600
94	Same	Same	2500
95	Citizens	Knowles	150000
96	Young	Owner	4000
97	Hansen	Owner	2800
98	Mattherson	Owner	3500
99	Davidow	Owner	6000
100	Maggiora	McCord	3700
101	Bell	Owner	3000
102	Graybill	Owner	4000
103	Borello	Garello	3300
104	Colton	Owner	3500
105	Sullivan	Whalen	3950
106	Franke	Moll	1000
107	Peterson	Owner	2250
108	Eureka	Owner	1200
109	General	Foundation	8500
110	Beasley	Owner	3400
111	Oakland	Owner	7500
112	Knecht	Birch	1825
113	Thomas	Owner	1500
114	Lodge	Lodge	3500
115	Tribune	Stevens	6850
116	Same e	Hillam	26390
117	Same	Cal Mlb	——
118	Same	Pacific	3610
119	Same	Oakland	30926
120	Cobbledick	Lawrence	9277

DWELLING
(3441) 2124 FIFTH ST., Berkeley. 1-story 4-room dwelling.
Owner—R. Anaclerio, 2119 5th St., Berkeley.
Architect—None. $1500

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

DWELLING
(3442) 1642 ASHBY, Berkeley. 1-story 6-room dwelling.
Owner—B. F. Shelley, 1900 Channing Way, Berkeley.
Architect—None.
Contractor—J. V. Frazier, 2324 Peralta Ave., Oakland. $4000

FLATS
(3443) NO. 41 ECHO AVE., Oakland. Two-story 16-room flats.
Owner—L. E. Swain.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $13,000

THEATRE
(3444) S FOOTHILL BLVD. 70 W Seminary Ave., Oakland. One-story concrete theatre.
Owner—Lenore C. Moulin, 145 Buena Vista Terrace, San Francisco.
Architect—Reed Bros., 105 Montgomery St, San Francisco. $55,000

DWELLING
(3445) NO. 2812 EASTMAN AVE., Oakland. One-story 4-room dwlg.
Owner—Carl Johnson, 2870 Peralta Av., Oakland.
Architect—None.
Contractor—Hans Johnson, 2870 Peralta Ave., Oakland. $2250

DWELLING
(3446) NO. 1638 TWENTY-FIRST AV, Oakland. One-story 5-room dwlg.
Owner—G. Watkins, 2151 E-24th St., Oakland.
Architect —None. $3000

DWELLING
(3447) NO. 6027 HOLWAY, Oakland. One-story 5-room dwelling.
Owner—A. E. Waldman, 6001 Holway St., Oakland.
Architect—None. $3000

BAKE OVEN
(3448) NO. 3246 MAGNOLIA, Oakland. Brick bake oven.
Owner—A. Schneider, 812 Isabella St., Oakland.
Architect—None.
Contractor—Paul Metz, 855 44th St., Oakland. $1200

DWELLING
(3449) NO. 3213 NICOL AVES., Oakland. One-story 4-room dwelling.
Owner—D. Thompson, 3213 Nicol Ave, Oakland.
Architect—None. $2000

GARAGE
(3450) NO. 437 HADDON ROAD, Oakland. One-story concrete garage.
Owner—W. J. Hogshead, 4011 Fell St., San Francisco.
Architect—None.
Contractor—S. Morris & Son, 649 Mariposa Ave., Berkeley. $1200

DWELLING
(3451) NO. 6045 AVENAL AVE., Oakland. One-story 6-room dwelling
Owner—Clarence E. Runyan, Premises.
Architect—None. Cost, $3500

DWELLING
(3452) NO. 1151 SEVENTY-FIFTH Ave., Oakland. One-story 5-room dwelling.
Owner—H. C. Newth.
Architect—None.
Contractor—T. J. Bartlett, 3001 Galindo St., Oakland $3250

DWELLING
(3453) E SIXTY-EIGHTH AVE 247 S Hamilton, Oakland. One-story 4-room dwelling.
Owner—E. H. Cary, 1088 68th Ave., Oakland.
Architect—None.
Contractor—J. M Warwick, 1654 82nd Ave., Oakland. $2500

ALTERATIONS
(3454) E BROADWAY 100 N Sixth St. Oakland. Alterations.
Owner—C. L. Stowele, Sunnyvale, Cal.
Architect—None.
Contractor—John Perona, 570 7th St., Oakland. $2400

DWELLING
(3455) NO. 2563 SIXTY-FOURTH AVE. Oakland. One-story 5-room dwlg.
Owner—Chas. W. Lindquist, 6006 Holway St., Oakland.
Architect—None. $3000

STATION
(3456) SW SEVENTEENTH AND Harrison, Oakland. Steel service station.
Owner—Standard Oil Co, Tapscott Bldg Oakland.
Architect—None. $4000

STORES
(3457) NO. 2867 SAN PABLO AVE., Berkeley. One-story stores.
Owner—Olofson & Carlson.
Architect—None.
Contractor—A. Cederborg, 1445 Excelsior Ave., Oakland. $1500

DWELLING
(3458) NO. 1917 NAPA , Berkeley. One-story 6-room dwelling.
Owner—S. M. Hunter, 2103 Woolsey St., Berkeley.
Architect—None. $6000

DWELLING
(3459) NO. 2340 DERBY ST., Berkeley One-story 5-room dwelling.
Owner—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—None. $3500

DWELLING
(3460) NO. 1339 McGEE ST., Berkeley. One-story 5-room dwelling.
Owner—W. D. Wisdom, 1362 Hearst Ave., Berkeley.
Architect—None.
Contractor—Fox Bros., 1814 Hearst Ave., Berkeley. $2550

ADDITION
(3461) NO 2037 LINCOLN ST., Berkeley. Addition.
Owner—E. C. Marliare, Premises.
Architect—None.
Contractor—J. P. Wood, 1731 Milvia St., Berkeley . $1350

SHOP
(3462) TWENTY-SIXTH AVE. AND W. P. R. R., Oakland. 1-story shop.
Owner—Hammer-Bray Co., premises.
Architect—None. $3800

DWELLING
(3463) N TRENOR ST. GORE FOOTHill Blvd., Oakland. 2-story 7-room dwelling and store.
Owner — J. Shiflett, 7750 Trenor St., Oakland.
Architect—None.
Contractor—R. E. Taylor, 3432 Seminary Ave., Oakland. $3000

DWELLING
(3464) 2781 FRUITVALE AVE., Oakland. 1-story 5-room dwelling.
Owner—Jos. Cartwright, 2601 26th Ave. Oakland.
Architect—None.
Contractor—Geo. Smith, 3315 E-23rd St. Oakland. $4000

DWELLING
(3465) 1438 EIGHTY-FIRST AVENUE Oakland. 1-story 4-room dwelling.
Owner—Ida F. Hill, 736 4th Ave., Oakland.
Architect—None. $1700

SHOP
(3466) NE COR. EIGHTY-SIXTH AVE & Blaine St., Oakland. 1-sto. frame shop.
Owner—Engelken & Bean, Commercial Bldg., Oakland.
Architect—None. $2500

DWELLING
(3467) 7028 FAVOR ST., Oakland. 1-story 4-room dwelling.
Owner—T. H. Merithew, 7035 Favor St., Oakland.
Architect—None. $2000

ALTER & ADDITION
(3468) 1 RONADA AVE., Oakland. Alteration and addition.
Owner—Wm. J. Brady, premises.
Architect—None.
Contractor—M. I. Diggs, East Bay Market, Oakland. $3500

DWELLING
(3469) 825 E TWENTY-THIRD ST., Oakland. 1-story 5-room dwelling.
Owner—J. M. Holdin, 2241 9th Ave., Oakland.
Architect—None.
Contractor—E. W. Woodward, 535 Merritt Ave., Oakland. $3500

PLATFORM
(3470) UNIVERSITY AVE. STATION Berkeley. All work for station platform.
Owner—S. P. Co.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
Filed July 28, 1923. Dated July 19, 1923
Each month 75%
Usual 35 days 25%
TOTAL COST—Excavation $1.80 per cu. yd.; oil macadam 16c per sq. ft.; duck boards 10c per lin. ft.; 6-in. sewer pipe 70c per lin. ft.; 4-in. drain tile 14c per lin. ft.; conc. platform 15c per sq. ft.; 9-in. conc. curb 90c per lin. ft.; 6-in. conc. curb 40c per lin. ft.
Bond, $6000; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 90 days; Plans and specifications filed.

FLATS
(3471) SW COR VAN DYKE AVE. & Brooklyn Ave., Oakland. All work for 2-story 5-room flats.
Owner—Edith Decker, Oakland.
Architect—None.
Contractor—V. Dildine & R. M. Knight, 378 63rd St., Oakland.
Filed July 28, 1923. Dated May 3, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $7900
Bond, Sureties, Forfeit, none; Limit, 90 days from May 3; Plans and specifications filed.

DWELLING
(3472) NO. 1643 Derby St., Berkeley. One-story 5-room dwelling.
Owner—C. Clausen.
Architect—None.
Contractor — Haskell & McPhee, 4331 Montgomery St., Oakland. $4250

ADDITION
(3473) NO. 1204 MILVIA, Berkeley. Addition.
Owner—B. B. Bendace.
Architect—None
Contractor—Curtis Wright, 2716 Telegraph Ave., Berkeley. $1200

DWELLING
(3474) E SIXTY-FOURTH AVE. 250 S Flora St., Oakland. 1-story 5-rm. dwelling.
Owner—S. Damgaard, 1352 87th Ave., Oakland.
Architect—None. $4000

STORES
(3475) E BROADWAY 220 N Ridgeway Ave., Oakland. 1-story 4-room hollow tile stores.
Owner—Henry Nicolaus, 355 12th St., Oakland.
Architect—None. $8800

ALTERATIONS
(3476) 350 FOURTEENTH ST., Oakland. Alteration.
Owner—Steve Piperis, premises.
Architect—Clay N. Burrell, Am. Bank Bldg., Oakland $6000

DWELLING
(3477) 1606 EIGHTY-FOURTH AVE., Oakland. 1-story 5-room dwelling.
Owner — Joe Vares, 1457 85th Ave., Oakland.
Architect—None. $3500

MACHINE SHOP
(3478) S E-THIRTEENTH ST. 30 E 18th Ave., Oakland. 1-story brick and conc. machine shop.
Owner—J. J. Gantz, 1841 E-12th St., Oakland.
Architect—None. $5000

FLATS
(3479) E FIFTY-FIRST AVE. 399 N E-14th St., Oakland. 2-story 8-rm. Flats.
Owner—Anna C. Smith, 710 Ellis St., San Francisco.
Architect—None.
Contractor—P. M. Laing, 5445 Princeton St., Oakland. $7000

DWELLING
(3480) 6120 BROADWAY TERRACE, Oakland. 1-story 5-room dwelling.
Owner—Mark M. Hall, 2434 Piedmont Ave., Berkeley.
Architect—None.
Contractor—H. S. Pratt, 4605 El Centro Ave., Oakland $4900

DWELLING
(3481) 2919 E-TWENTY-NINTH S Oakland. 1-story 5-room dwellir
Owner—Ira E. Prosser, 2202 42nd Av Oakland.
Architect—None.
Contractor — Haskill & McPhee, 43 Montgomery St., Oakland. $42

DWELLING
(3482) 2909 PERALTA AVE., Oakla 1-story 5-room dwelling.
Owner—H. V. Salzen, 3056 Bona S Oakland.
Architect—None.
Contractor—N. J. Buckland, 1801 8 Ave., Oakland. $2

DWLG. & STORE
(3483) 3914-16 HOPKINS ST., Oakla 2-story dwelling and store.
Owner—Edwin R. Gibson, 1031 4 Ave., Oakland.
Architect—None.
Contractor—John P. Jensen, 1031 4 Ave., Oakland. $5

DWELLING
(3484) 6209 ROSS ST., Oakland. 2-s 6-room dwelling.
Owner—Marshall & Paige, 18 Tang Wood Drive ,Oakland.
Architect—None. $5

DWELLING
(3485) 2332 TWENTY-FIRST AV Oakland. 1-story 5-room dwelli
Owner—J. F. Chambers, Plaza Blc Oakland.
Architect—None. $3

DWELLING
(3486) W HIGH 250 S Tompkins Oakland. One-story 5-room dw
Owner—Geo. Snippe, 3961 High Oakland.
Architect—None. $2

DWELLING
(3487) NO. 873 YORK, Oakland. O story 6-room dwelling.
Owner—A. Ghiglieri.
Architect—None.
Contractor—Anderson & Soder, Pl Bldg., Oakland. $4

DWELLING
(3488) S HOLLIDAY 239 E 73rd A Oakland. One-story 4-room dw
Owner—N. M. Strobel, 1325 Fruitv Ave., Oakland.
Architect—None. $2

DWELLING
(3489) NO. 1077 SEVENTY-FIF Ave., Oakland. One-story 5-r dwellings.
Owner—M. Costa, 1061 71st Ave., Ok
Architect—None. $3

DWELLING
(3490) NO. 415 SANTA CLARA A Oakland. One-story 4-room dw
Owner—Mrs. C. Leveroni, 462 Cresc St., Oakland.
Architect—None.
Contractor—L. H. Ford, 306 14th Oakland. $

DWELLING
(3491) E MOUND ST. bet. Santa C and Central Aves., Alameda. work for two-story dwelling.
Owner—Cyril Williams Jr., 1224 E St., Alameda.
Architect—None.
Contractor—C. Froling, 1115 Wa St., Alameda.
Filed July 30, '23. Dated July 23, '2
Frame up .....
Brown coated .....
Completed and accepted.....
Usual 35 days.....
TOTAL COST, $
Bond, $3475. Sureties, Frank P. Tu and Fred Hansen. Limit, 90 d Forfeit, none. Plans and specificat filed.

STORE
(3492) E COLLEGE 60 N Ashby, 1 keley. 1-story 4-room class C s
Owner—Mrs. A. Stover, San Luis Ob Berkeley.
Architect—W. H. Weeks, 369 Pine San Francisco.
Contractor—E. L. Young, 3280 Po Bldg., Woodland. $17

DWELLING
(3493) 528 SAN LUIS ROAD, Berk 1-story 6-room dwelling.

Owner—C. M. Rogers, 540 San Luis Rd. Berkeley.
Architect—None. $1500

FLATS
(3494) 2367-69 Woolsey, Berkeley. 2-story 8-room flats.
Owner—W. B. Ollatt.
Architect—None.
Contractor—Oakley & Kalmodin, 1911 65th Ave., Oakland. $7200

DWELLING
(3495) 1205 BANCROFT, Berkeley. 1-story 5-room dwelling.
Owner—R. E. Nilson, 1201 Bancroft Berkeley.
Architect—None. $2200

DWELLING
(3496) 756 EUCLID, Berkeley. 1-story 6-room dwelling.
Owner—Jennie McAravy, 2133 University, Berkeley.
Architect—None.
Contractor—Oscar I. Runnels, Euclid and Marin, Berkeley. $3750

APARTMENTS
(3497) W WESLEY 125 N Excelsior Ave., Oakland. 2-story 16-room apts
Owner—Emely C. Boreneman.
Architect—Schirmer Bughee Co., Thayer Bldg., Oakland.
Contractor—C. W. Short, 574 Rosal Ave Oakland. $17,000

DWELLING
(3498) W SIXTIETH AVE. 80 S Tevis St., Oakland. 1-story 3-room dwlg.
Owner—John J. Miller, 816 16th St., Oakland.
Architect—None.
Contractor — Darling & Petersen, 229 14th St., Oakland. $2500

DWELLINGS
(3499) 612 & 620 & 624 POIRIER, Oakland. 3 1-story 5-room dwellings.
Owner—Hufschmidt & Whalin, Federal Bldg., Oakland.
Architect—None. $3950 each

DWELLING
(3500) W PERALTA AVE. 1505 Madeline St., Oakland. 1-story 4-room dwelling.
Owner—C. E. Davis, 3720 Rhoda Ave., Oakland.
Architect—None. $2000

DWELLING
(3501) SW COR. FIFTY-FIFTH AVE. and Wentworth, Oakland. 1-story 5-room dwelling.
Owner—Anna Newman, 1403 11th Ave. Oakland.
Architect—None.
Contractor — Samuel McDowell, 3539 Mangel Ave., Oakland. $3750

DWELLING
(3502) E ROSS ST JUNCTION FLORIO St., Oakland. 1-story 6-room dwlg.
Owner—Howard Marshall, 581 48th St., Oakland.
Architect—None. $6000

DWELLING
(3503) 3000 EASTMAN, Oakland. 1-story 6-room dwelling.
Owner—J. D. Lathrop, 1009 Fruitvale Ave., Oakland.
Architect—None.
Contractor—W. O. Blair, 4118 Penniman Oakland. $3000

DWELLING
(3504) W MARKET ST. 52 S 32nd St., Oakland. 2-story 6-room dwelling.
Owner—Willis Chamberlin, 3137 Market St., Oakland.
Architect—None. $3000

DWELLING
(3505) 2163 FORTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Aug. Rodrigues, 4081 Foothill Blvd., Oakland.
Architect—none.
Contractor—C. L. Benjegerdes, 2129 E-24th St., Oakland. $3500

DWELLING
(3506) 1005 STANFORD AVE., Oakland. 1-story 6-room dwelling.
Owner—H. H. Easter, 5765 Los Angeles St., Oakland.
Architect—None. $4000

DWELLING
(3507) 4001 LAGUNA AVE., Oakland.
Owner—Paul Mortensen, S W Laguna cor. Scenic, Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $4500

DWELLING
(3508) 5133 YGNACIO AVE., Oakland 1-story 4-room dwelling.
Owner—Wm. Lugger, 5451 Bond St., Oakland.
Architect—None. $2500

DWELLING
(3509) 2833 BROOKDALE AVE., Oakland. 1-story 4-room dwelling.
Owner—N. A. Blodgett, 3940 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(3510) N E COR. THIRTY-SECOND and 14th Ave., Oakland. 1-story 8-room 2 fam. dwlg.
Owner—A. Dunwoody, 1803 98th Ave., Oakland.
Architect—None. $5000

DWELLING
(3511) S VIOLA ST. 150 S Porter St., Oakland. 1-story 3-room dwelling.
Owner—F. Bacon, 3322 Viola St., Oakland.
Architect—None.
Contractor—Ernest Swartz, 83 Eddy St San Francisco. $1000

DWELLING
(3512) NO. 250 OAKMONT AVE., Piedmont. One-story 5-room dwelling.
Owner—A. O'Connor, 1026 E-28th St., Oakland.
Architect—None. $5200

DWELLING
(3513 NO. 41 ARTUNA AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—H. F. Fisher, Syndicale Bldg., Oakland.
Architect—None. $5000

DWELLING
(3514) NO 140 WILDWOOD AVE., Piedmont. One-story 6-room dwelling and garage
Owner—R. W. McIntosh, 132 Wildwood Ave., Piedmont.
Architect—None. $5400

DWELLING
(3515) NO. 123 PALM DRIVE, Piedmont. One-story 6-room dwelling and garage.
Owner—C. C. Lassen, 5340 Broadway, Oakland.
Architect—None. $5600

DWELLING
(3516) NO. 36 OLIVE AVE., Piedmont One-story 5-room dwelling and garage.
Owner—Francis & Hoffman.
Architect—None. $3500

DWELLING
(3517) NO. 216 PALM DRIVE, Piedmont. Two-story 6-room dwelling and garage.
Owner—J. B. Peppin, 851 Trestle Glen, Oakland.
Architect—None. $5300

DWELLING
(3518) NO. 85 CAMBRIDGE WAY, Piedmont. One-story 6-room dwelling and garage.
Owner—Robt. Boyd, 228 E-11th St, Oakland.
Architect—None. $5000

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

DWELLING
(3519) NO. 110 WOODLAND WAY, Piedmont. Two-story 8-room dwelling and garage.
Owner—Mrs. Boge, 30 Cambride Way, Piedmont.
Architect—None. $7500

HOSPITAL
(3520) NO. 2001 DWIGHT WAY, Berkeley. Three-story 24-room Class C hospital.
Owner—Berkeley General Hospital.
Architect—R. W. Cannon, Central Bk Bldg., Oakland.
Contractor E. F. Henderson, 5744 Keith Ave., Oakland. $30,000

GARAGE
(3521) NO. 2933 CLAREMONT AVE., Berkeley. One-story Class C garage.
Owner—F. M. Seoggin.
Architect—None.
Contractor—John M Bartlett, 1706 Parker St., Berkeley. $4500

DWELLING
(3522) NO. 1705 CALIFORNIA ST., Berkeley. One-story 4-room dwlg.
Owner—J. Lammerts.
Architect—None.
Contractor—J. H. Wolbold, 2015 Center St., Beerkeley. $3000

DWELLINGS
(3523) NO. 1419 and 1425 EDITH ST., Berkeley. Two one-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000 each

DWELLING
(3524) NO. 1216 BROADWAY, Alameda. One-story 6-room dwelling.
Owner—S. Scamenino.
Architect—None.
Contractor—Geo. King, 2054 Alameda Ave., Alameda. $4000

DWELLING
(3525) NO. 1212 BROADWAY, Alameda. One-story 6-room dwlg
Owner—Antonio Ratti, 1038 Regent St., Alameda.
Architect—None.
Contractor—Geo. King, 2054 Alameda Ave., Alameda. $4000

DWELLING
(3526) NO. 3264 FAIRVIEW AVE., Alameda. One-story 6-room dwlg.
Owner—Lucien L. Schwarz, 1551 Hyde St., San Francisco.
Architect—None.
Contractor—J. T Holloway, 1919 100th Ave., Oakland. $4000

DWELLING
(3527) NO. 1717 SAN JOSE AVE., Alameda. One-story 5-room dwelling.
Owner—H. McCormick, 1720 Santa Clara Ave., Alameda.
Architect—None.
Contractor—Geo. F. Kochendorfer, 2204 Lincoln Ave., Alameda. $4500

DWELLING
(3528) NO. 1117 HIGH ST., Alameda. One-story 5-room dwelling.
Owner—Riechel & Bredhoff, 2509 Clement Ave., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $3300

ALTERATIONS
(3529) NO. 918 LAFAYETTE, Alameda Alterations.
Owner—Adam Saenz, Premises.
Architect—None.
Contractor—G H. Noble, 2205 Santa Clara Ave., Alameda $1000

DWELLING
(3530) NO. 1353 BURBANK ST., Alameda. One-story 6-room dwlg.
Owner—Mrs. D. M. Bernt.
Architect—None.
Contractor—Emil Person, 2224 Rose St., Berkeley. $5000

DWELLING
(3531) NO. 469 SANTA CLARA AVE., Alameda. One-story 3-room dwlg.
Owner—J. Wright, 1501 5th St., Alameda.
Architect—None. $1000

ADDITION
(3532) NO. 1613 ALAMEDA AVE., Alameda. Addition.
Owner—Emma Sweetland, 1109 Versailles Ave., Alameda.

Architect—None.
Contractor—J. C. Hinch, 1109 Versailles Ave., Alameda. $1500

DWELLINGS
(3533) NO. 1209 MOUND ST. and No. 2842 Madison St., Alameda. Two one-story 4-room dwellings.
Owner—Collie Buck, 1218 College Ave., Alameda.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $2800 ea

DWELLING
(3534) NO. 1211 MOUND ST., Alameda. One-story 5-room dwelling.
Owner—Collie Buck, 1218 College Ave., Alameda.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $3500

ADDITION
(3535) PARK ST. AND SANTA CLARA Ave., Alameda. Two-story reinforced concrete bank and office addition.
Owner—Citizens Bank.
Architect—Wm. Knowles, Central Bank Bldg., Oakland.
Contractor—Wm. Knowles, Central Bk. Bldg., Oakland. $150,000

DWELLING
(3536) 4269 MONTGOMERY ST., Oakland. 1-story 5-room dwelling.
Owner—James H. Young, 4174 Emerald St., Oakland.
Architect—None. $4000

DWELLING
(3537) N QUIGLEY ST. 70 E Maybelle Oakland. 1-story 4-room dwelling.
Owner — C. Hansen, 3210 35th Ave., Oakland.
Architect—None. $2800

DWELLING
(3538) E SEVENTY-THIRD AVE. 270 N E-14th St., Oakland. 1-story 5-room dwelling.
Owner—S. Mattherson, 3871 E-14th St. Oakland.
Architect—None. $3500

ALTER & ADDITION
(3539) 670 VERNON, Oakland. Alteration and addition.
Owner—S. V. Davidow, premises.
Architect—None. $6000

DWELLING
(3540) 956 FORTY-THIRD ST., Oakland. 1-story 5-room dwelling.
Owner—Lougi Maggiora.
Architect—None.
Contractor—J. A. McCord, 4517 Market St., Oakland. $3700

DWELLING
(3541) N E-TWENTY-SECOND ST 130 E 17th Ave., Oakland. 1-story 5-room dwelling.
Owner—Glenn R. Bell, 1433 Madison St., Oakland.
Architect—None. $3000

DWELLING
(3542) 4630 BROOKDALE AVE., Oakland. 1-story 6-room dwelling.
Owner—Wm. B. Graybill, 2203 9th Ave. Oakland.
Architect—None. $4000

DWELLING
(3543) N FORTY-SIXTH ST. 215 E Market St., Oakland. 1-story 5-rm. dwelling.
Owner—E. Borello, 312 49th St., Oakland.
Architect—None.
Contractor—P. Garello, 870 47th St., Oakland. $3900

DWELLING
(3544) 3407 MAYBELLE AVE., Oakland. 1-story 4-room dwelling.
Owner—Colton Bros., 3824 39th Ave., Oakland.
Architect—None. $3500

DWELLING
(3545) 674 AILEEN, Oakland. 1-sto. 5-room dwelling.
Owner—P. J. Sullivan, 678 Aileen St., Oakland.
Architect—None.
Contractor—J. F. Whalen, Federal Bldg Oakland. $3950

ADDITION
(3546) 3288 MORCOM AVE., Oakland. Addition.
Owner—L. I. Franke, premises.
Architect—None.
Contractor—S. Moll, 3400 Madera Ave., Oakland. $1000

DWELLING
(3547) S ROSEDALE AVE. 100 E 75 Ave., Oakland. 1-story 4-room dwlg
Owner—Mrs. A. M. Peterson, 2607 High St., Oakland.
Architect—None. $2250

OFFICES
(3548) S E-FOURTEENTH ST., bet. 36th and 37th Aves., Oakland. 1-story 3-room offices.
Owner—Eureka Mill & Lmbr. Co., prem.
Architect—None. $1200

WAREHOUSE
(3549) 5441 E-FOURTEENTH ST., Oakland. 1-story frame warehouse.
Owner—General Elec. Co., premises.
Architect—None.
Contractor — The Foundation Co., 58 Sutter St., S. F. $8500

DWELLING
(3550) E SIXTY-EIGHTH AVE. 410 S Avenal Ave., Oakland. 1-story 5-room dwelling.
Owner — R. Beasley, 1227 53rd Ave., Oakland.
Architect—None. $3400

ASPHALT PLANT
(3551) E HIGH ST. near Tidal Canal Oakland. Asphalt and conc. mixing plant.
Owner—The Oakland Paving Co., 5000 Broadway, Oakland.
Architect—None. $7500

DWELLING
(3552) S B ST. 75 & 100 E 92nd Ave., Oakland. 2 1-story 3-room dwlgs.
Owner—Florence A. Knecht.
Architect—None.
Contractor—C. A. Birch, 300 13th St., Oakland. $1825 each

DWELLING
(3553) W SIXTY-EIGHTH AVE 220 S E-14th St., Oakland. 1-story 4-rm. dwelling.
Owner—Annie Thomas, 8234½ E-14th St., Oakland.
Architect—None. $1500

DWELLING
(3554) N SAN CARLOS AVE 80 W 47th Ave., Oakland. 1-story 6-room dwelling.
Owner—Martha E. Lodge, 5494 Bond St. Oakland.
Architect—None.
Contractor—C. F. Lodge, 5494 Bond St., Oakland. $3500

OFFICE BLDG.
(3555) S THIRTEENTH ST. 60 W Franklin St. W 40 S 100 Oakland. Metal lath for office building.
Owner—Tribune Building Co.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor—J. Stevens & Co.
Filed Aug. 1, 1923. Dated June 15, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $6850
Bond, $3425; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, due diligence Plans and specifications filed.

(3556) PLASTERING ON ABOVE.
Contractor—A. J. Hillam, 351 12th St., Oakland.
Filed Aug. 1, 1923. Dated July 10, 1923.
5th each month 75%
Usual 35 days 25%
TOTAL COST, $26,390
Bond, 13,195; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 38 days; Plans and specifications filed.

(3557) MARBLE ON ABOVE.
Contractor—California Marble Co., 962 Stanford, Oakland.
Filed Aug. 1, 1923. Dated July 17, 1923.
1st & 15th each month.....75%
Usual 35 days 25%
TOTAL COST, $—
Alaska marble $1.50 sq. ft.; Colorado Yule $.37 sq. ft.; moulded or carved work cost plus 10%.
Bond, $3000; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 30 days; Plans and specifications filed.

(3558) IRON THRESHOLDS, STEEL lintels, steel work on elevator door openings, stairs and ladders on above.
Contractor—Pacific Iron Works, 1155 67th St., Oakland.
Filed Aug. 1, 1923. Dated June 15, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $3610
Bond, Sureties, Forfeit, None; Limit, due diligence; Plans and Specifications filed.

(3559) MILL WORK ON ABOVE.
Contractor—Oakland Planing Mills, 2nd and Washington Sts., Oakland.
Filed Aug. 1, 1923. Dated July 2?, 1923.
As material delivered.....75%
All material delivered 25%
TOTAL COST, $30,926
Bond, Sureties, Forfeit, Limit, none; Plans and specifications filed.

DWELLING
(3560) PTN. 8 ACRE TRACT DEscribed deed George & Carrie R. Sterling to Realty Syndicate Liber 1021 Deed page 391, Oakland. 2-story frame dwelling and garage.
Owner—James H. & Carrie M. H. Cobbledick, 1818 Harrison St., Oakland
Architect—W. J. Wythe, Central Bank Bldg., Oakland.
Contractor—Chas. H. Lawrence, 5321 Lawton, Oakland.
Filed Aug. 1, 1923. Dated Aug. 1, 1923.
Frame up $2315
Brown coated 2315
Completed and accepted 2315
Usual 35 days 2332
TOTAL COST, $9277
Bond, $4700; Sureties, Martha A. Clancy and Matilda Lawrence; Forfeit, $1 day; Limit, 100 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

July 26, 1923—NO. 1207 E-THIRTY-third St., Oakland. Lauriston C Fish to whom it may concern.....July 26, 1923
July 26, 1923—LOT 11 El Vista Tract, Berkeley. Robt J Sheridan to S G Rankin.....July 18, 1923
July 26, 1923—N HOPKINS 186 E Fruitvale Ave 40x120, Oakland. H Litven to Thomas & Meyer.....July 21, 1923
July 26, 1923—NO. 2844 MADERA Ave., Oakland. Sam Humphrey to whom it may concern...July 23, 1923
July 26, 1923—LOT 5 BLK 3, Rockridge Place, Oakland. W Marriman to H C Pfrang.....July 21, 1923
July 27, 1923—NO. 1307 SEVENTY-Ninth Ave, Oakland. C A Pratt to whom it may concern...July 20, 1923
July 27, 1923—TWENTY-THIRD AV, Oakland. S. P. C. to Hutchinson Co.....July 20, 1923
July 27, 1923—BLK "E" No. 20, Piedmont Park, Piedmont. A P Deinse to Ralph Norris.....July 27, 1923
July 27, 1923—LOT 172 and W 12.20 Lot 173 4th Ave. Terrace, Oakland. Allan and Alma Leda Johnson to Allan Johnson.....July 23, 1923
July 27, 1923—LOT 23 BLK "B" Lakeshore Hills. Oakland. Oscar E Nelson to whom it may concern...
July 27, 1923—LOT 4 BLK "F" Map Lakeshore Hills. Oakland. Alma Hitzfeld to E Maasberg...July 25, 1923
July 28, 1923—SE TWENTIETH LOT 13 & NW 20 lot 14 Blk 21 Map Boulevard Park, Oakland. John E. Gustafson to whom it may concern.....July 26, 1923
July 28, 1923—3209 BRYANT ST., Oakland. Ida A. Britt to Frank Boerner.....July 27, 1923
July 28, 1923—W TENTH AVE. 100 S E-20th St., Oakland. Minnie R. Haines to whom it may concern.....July 27, 1923
July 30, 1923—LOT 55 and NE 12½ Lot 54 Blk "B" Map Fruitvale Villa Tract, Oakland. G H S Harding to N B Clarke & Co...July 21, '23
July 30, 1923—LOT 21 Map Morningside Park, Oakland. Julia M Cahill to whom it may concern.....—
July 30, 1923—NO. 204 TALBOT AV, Albany. Mary Porter to whom it may concern.....July 28, 1923
July 30, 1923—NO. 537 CORNELL Ave, Albany. Mary Porter to whom it may concern.....July 28, 1923

July 30, 1923—LOT 7 BLK 9, Map Mathews Tract, Berkeley. Alma E Turner to whom it may concern.. .....July 27, 1923
July 30, 1923—LOT 24 and N ½ Lot 23 Blk 12, Hollywood Resbdvn San Leandro. R J Ballew to whom it may concern.....July 28, 1923
July 30, 1923—NO. 5701 FLEMING Ave, Oakland. Frank Owen to Walter B Dickle.....July 25, 1923
July 30, 1923—NO. 5707 FLEMING AV Oakland. Frank Owen to Walter B Dickie.....July 25, 1923
July 30, 1923—LOTS 238 AND 239 Map Fruitvale Addition Tract, Oakland. Alice Earl Wilder to Louis de Jong .....July 28, 1923
July 30, 1923—NO. 1217 BLAKE, Berkeley. Mrs. Dorothy M Acron to whom it may concern..July 28, 1923
July 30, 1923—LOTS 19 AND 20 Map Rosenthal Tract, Oakland. Tideman Haga to whom it may concern .....July 28, 1923
July 30, 1923—LOT 16 BLK "R" Map Foot Hill Tract, Oakland. E A McDermott to A E McDermott..... .....July 26, 1923
July 30, 1923—LOT 9 and ½ Lot 8 Blk 14, ——, Oakland. G R Blasingame to whom it may concern.... .....July 28, 1923
July 31, 1923—EIGHTH & HAIGHT Alameda. S. P. Co to Hutchinson Co.....July 28, 1923
July 31, 1923—TWENTY-THIRD AV, Oakland. S. P. Co to Hutchinson Co.....July 28, 1923
July 31, 1923—BOND ST. near Fairfax Station, Oakland. S. P. Co to Hutchinson Co.....July 28, 1923
July 31, 1923—LOT 5 Garber-Bellrose Tract, Oakland. Myrtle L Greene to Roy O Long Co.....July 31, 1923
July 31, 1923—SE THIRTY-SECOND and Adeline 168-8x100, Oakland. The Lurie Co to A H Vogt..... .....July 30, 1923
July 31, 1923—LOT 6 BLK 10, Amended Map Putnam Tract, Oakland William Larson to whom it may concern.....July 28, 1923
July 31, 1923—LOT 13 BLK 3 Map East Piedmont Heights Ext., Oakland. Victor Guyot to whom it may concern.....July 28, 1923
July 31, 1923—LOTS 1, 2, 12 BLK "J" Map Oakland Union Homestead Association Lands, Oakland. Mallie M Marks to whom it may concern.. .....July 28, 1923
August 1, 1923—NE COR. TWENTY-second and Myrtle Sts, E 250 N 101 Oakland Gladding McBean & Co. to W. J. Baccus .....July 31, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
July 26, 1923—LOT 4 BLK "D" Linda Park Tract, Oakland. Sunset Lumber Co vs John Krafuss and J D Horton $1098.68
July 27, 1923—NE 26.94 LOT 32, all Lots 33, 34 and 35 Blk "H" Map Broadway Terrace., Okd. Rhodes-Jamleson & Co., Inc, $832.55; Pacific Mfg Co, $900; Oakland Building Material Co, $657.33 vs W A Knowles, Oakland-San Francisco Improvement Co, J C Downey and J H Stevenson .....
July 27, 1923—N SIXTEENTH 39 — West 40x109-3, Oakland. J M Randolph, $56.05; R C Traylor, $1213.85; Wilber Valentine, $35 vs Mrs. Helen E Munro.....
July 27, 1923—NE 10 LOT 14 and SW 40 Lot 5 Blk 12 Map Boulevard Park, Oakland. M Stulsaft Co vs H P Hansen and Frank E Moore (Frank E Moore & Co).....$102.39
July 27, 1923—S LINCOLN AVE 237 W Ninth W 50xS 150, Alameda. M Stulsaft Co vs Anna Maria Victors and Frank E Moore (Frank E Moore & Co) $65.72
July 27, 1923—LOT 1 BLK 1 Map Live Oak Park, Berkeley. Oakland Lime & Cement Co vs C A Doyle and Ethel H William.....s$68.65
July 28, 1923—LOT 60 MAP LAKE Knoll Tract, Oakland. Pacific Metal Products Co. vs. A. C. and Laura Laur $73
July 30, 1923—W SIXTY-FOURTH Ave 75 N Arthur, Oakland. M Stulsaft Co vs Louis Graham & Frank E Moore (Frank E Moore Co)..$59.04
July 30, 1923—W FAIRFAX AVE 900 N Ygnacio Ave, Oakland. M Stulsaft Co vs Ivan Johnson, John Doe Bowman and Frank E Moore (Frank E Moore Co).....$92.91
July 31, 1923—LOT 1 Wicks Addition to Town of San Leandro. Ambrose Brothers vs Carrie and George Pyles and Andrew Roberts.....$—
Aug. 1, 1923—LOTS 20 & 21 MAP Bromley Tct., Oakland. E. K. Wood Lumber Co. vs. Hattye & A. A. Glantz $158.55
Aug. 1, 1923—LOTS 16 & 17 MAP Bromley Tct., Oakland. E. K. Wood Lumber Co. vs. Hattye & A. A. Glantz $52.60

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
July 31, 1923—W TWELFTH AVE 156.85 S 28th S 30.54 W 118, Oakland. H K Sorrell to Geo E Stubling, and Cross Invest Co.....$110
July 30, 1923—LOT 1 BLK 1 Map Live Oak Park, Berkeley. Oakland Lime & Cement Co to C A Doyle....$68.65

COMPLETION NOTICES

FRESNO COUNTY.

Recorded Accepted
July 25, 1923—LOTS 3 AND 4 BLK 3, Allen & Binford Tract, Fresno. Henry Freund to whom it may concern.....July 24, 1923
July 25, 1923—LOTS 42 AND 42 BLK 6, Torrance Terrace, Fresno. R A Winchester to whom it may concern.....July 24, 1923
July 27, 1923—LOTS 7 TO 13 BLK 2, Belmont Heights, Fresno. Wm A Sluthour et ux to whom it may concern.....July 20, 1923
July 28, 1923—LOT 36 S 16 LOT 37 Speedway Tract, Fresno. H. W. Kuhlke to whom it may concern.... .....July 27, 1923
July 28, 1923—LOTS 14, 15, BLK 4, Torrance Terrace, Fresno. Geo. E. May to whom it may concern..... .....July 27, 1923
July 28, 1923—LOT 2 BLK 39 SIERRA Vista Add No. 2, Fresno. Edith M. Bandy to Jack Bandy..July 27, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
July 24, 1923—W ½ LOT 4 BLK 14, Hazelwood. Leo Cardwell vs A Rustigian $251
July 25, 1923—LOTS 7 TO 12 BLK 27, Blackstone Villa, Fresno. Sunset Lumber Co vs W J Ross.....$580
July 25, 1923—LOTS 29 AND 30 BLK 28, Arlington Heights, Fresno. J D Halstead Lumber Co vs Jas W and Edith Evans.....$60
July 26, 1923—LOT 5 BLK 61, Fresno. Republic Supply Co of California vs S Daniels, A D Green and L F Macheski $51
July 26, 1923—LOTS 12 AND 13 BLK 61, Fresno. Republic Supply Co of California vs S Daniels, Ellert Products Co, A and D Sterious.....$45
July 27, 1923—LOTS 29 AND 30 BLK 28, Arlington Heights, Fresno. Routt Lumber Co vs Jas W and Edith Evans.....$570
July 28, 1923—LOTS 7, 8, BLK 3, Allen and Binford Tct, Fresno. Evans Geo. R. vs. J. D. Willholt.....$199

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2500 and Over Reported

PLUMBING for additlon, $1227.71; 8th J. and K Sts., Sacramento; owner, Farmers & Merchants Bank, Sacramento; architect, H. H. Winner Co, Sharon Bldg., San Francisco; contractor, Phil Mott, 1616 24th St., Sacramento; filed July 27, 1923; Dated, ——.
ELECTRIC wiring on above, $1735; contractor, Latourrette-Fical Co., 907 Front St., Sacramento; filed July 27, 1923; dated, ——.
DWELLING, 1-story 5-room, and garage, $3150; 3617 Stockton Blvd., Sacramento; owner, T. Lock, 1104½ 8th, Sacramento; contractor, Gilkey & Lund, 4432 Mariposa Ave., Sacramento.
DWELLING, 1-story 5-room, and 2-stall garage, $4000; 2800 E, Sacramento.
INSTALL REFRIGERATOR, $3000; 816 J, Sacramento; owner, A. Diepenbrock; contractor, Mowatt Refg. Co., San Francisco.
DWELLING, 1½-story 6-room, $4500; 2717 Curtis Way, Sacramento; owner, M. Watson, 412 23rd, Sacramento.
FLATS, 2-story (4) 4-rooms each, $11,000; 2731 P, Sacramento; Owner, M. Browning, 1515 24th, Sacto.
DWELLING, 1-story 5-room, and garage, $5000; 1216 38th, Sacramento; contractor, Geo. F. Wright, 3981 2nd Ave., Sacramento.
DWELLING, 1-story 5-room, and garage, $2750; 3100 C, Sacramento; owner, W. D. McKoy, 3031 E, Sacramento; contractor, H. G. Birdsall, 1503 13th, Sacramento.
DWELLING, 1-story 5-room, and garage, $4150; 240 21st, Sacramento; owner, H. H. Willis, P. O. Box 936, Sacramento; contractor, F. L. Terra 1712 W Sacramento.
DWELLING, one-story 5-room and garage, $4000; No. 1141 39th St., Sub. Tract 4, Sacramento; owner, R. M. Smith.
DWELLING, two-story 8-room and 2 stall garage, $25,000; No. 1301 44th St, Sacramento; owner, Frank J. Ruhstaller, 1714 L St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 914 39th St., Sacramento; owner, L. J. Miller, 1080 Santa Ynez Way, Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 648 Santa Ynez Way; owner, Clara Madden, 1512 24th St., Sacramento.
DWELLING, one-story 5-room and garage, $2750; No. 1821 U St., Sacramento; owner, Stephen Dillen, 1711 12th St., Sacramento; contractor, W. H. Cox, 2018 19th St., Sacto.
DWELLING, one-story 5-room and garage, $3250; No. 524 30th St., Sacramento; owner, E Lavelle, 814 28th St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacto.
DWELLING, one-story 5-room and garage, $4250; No. 209 U St., Sacramento; owner, S. P. Stephans, 3200 5th Ave., Sacramento; contractor, John T. Hunt, 3181 6th Ave., Sacto.
DWELLING, one-story 5-room and garage, $3100; No. 2231 23rd St., Sacramento; owner, Jas. Coleman, 1511 O St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; owner, F. G. Beuhler.
DWELLING, one-story 5-room and garage, $3000; No. 1034 49th St, Sacramento; owner, C. Stefanl, 1131 51st St., Sacramento; contractor, Kinney & McAdams, 5031 K St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
July 19, 1923—LOT 29 CASA LOMA Terr, Sacramento. Frank L. Terra to whom it may concern..July 9, 1923

July 19, 1923—FOURTH, FIFTH AND Q Sts., Sacramento. Sac. City School District to whom it may concern.. .....July 9, 1923
July 26, 1923—E 40 LOT 2305, Elmhurst. Burton H and Mabel Bill to whom it may concern.July 26, '23

RELEASE OF LIENS

SACRAMENTO COUNTY

Recorded Amount
July 23, 1923—LOT 280 BLVD PARK, Sacramento. Sunset Lumber Co. vs. J. J. Ruggles. $668.47

Notice of Non-Responsibility

SACRAMENTO COUNTY

July 23, 1923—E¼ LOT 2 & W ¼ LOT 3 J-K-8-9, Sacramento. Clara L. Diepenbrock as to improvements on property .....

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2500 and Over Reported

CHURCH, reinforced concrete, $47,029; NE American and Lindsay, Stockton; owner, Zions Luthern Church; architect Ward & Blohme, 454 California St., San Francisco; contractor, Carl Nelson, 1421 E-Channel St., Stockton; filed July 24, 1923; dated July 18, 1923.
RESIDENCE, $2700; No. 1925 S-American St., Stockton; owner, C. D. White, Stockton.
RESIDENCE, $4500; No. 1802 N-San Jose St., Stockton; owner, Mrs. Alice McInnis, Stockton.
RESIDENCE, $3000; No. 1661 E-Landen St., Stockton; owner, W. H. Acrate, Stockton.
RESIDENCE, $4400; No. 702 Linden; owner, Berti Ehharriet, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
July 25, 1923—LOTS 17 AND 18 BLK 9 North Stockton being 309 East Sillis St., Satocktcn. John J Smith to whom it may concern.July 19, 1923
July 28, 1923—LOT 9 BLK 2, Plat of Oakhurst. Myrtle Martin to Frank B Thrasher.....July 15, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
July 31, 1923—W 70.73 ACRES OF SW ¼ of Sec. 36 T. 1 S. R. 6 E., Stockton. Julius Palm vs Mrs. Mary Augello $475

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE
NO LOCATION GIVEN, San Jose. All work except excavating, concrete work, painting and tinting for five-room frame cottage.
Owner—Rosario Scasso.
Architect—None.
Contractor—V. Lanotti.
Filed July 24, '23. Dated June 12, '23.
Frame completed $1500
Plastering completed 1000
30 days after notice filed..... 510
TOTAL COST, $3110
Bone. none. Limit, on or before Aug. 1, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
LOT 12 BLK 16, East San Jose Homestead Ass'n., San Jose. All work for one-story dwelling.
Owner—Raymond W. and Mildred P. Wagener, San Jose.
Architect—None.
Contractor—D H. Main & S. C. Evans, 325 N-16th St., San Jose.
Filed July 24, '23. Dated July 20, '23.
Frame up $1370.25
Brown coat mortar on..... 1370.25
Completed 1370.25
Usual 35 days..... 1370.25
TOTAL COST, $5481.00
Bond, $2740. Sureties, A L. Hubbard and John Lindgren Limit, 95 working days from July 20, 1923. Forfeit, none. Plans and specifications filed.

ADDITION
N STEVENS CREEK ROAD in Burbank School District, San Jose. All work for new east and west wing addition to Burbank School.
Owner—Board of Trustees, Burbank School District, San Jose.
Architect—Binder & Curtis ,Binder Bldg., San Jose
Contractor—J. E. McCombs and W. R. Lomas, 52 N-Second St., Sai Jose.
Filed July 24, '23. Dated July 21, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST $12,117
Bond, $6058 Surety, Maryland Casualty Co. Limit, 90 calendar days from July 24, '23. Forfeit, none. Plans and specifications filed.

RESIDENCE
N-TWELFTH ST. near Emory being Lots 18, 19 and 20 Blk ——, Vendome Add'n, San Jose. All work for one and one-half-story frame, residence.
Owner—Hiram D. Tuttle, San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Francisco.
Contractor — C. V. Brown, 521 N-16th St., San Jose.
Filed July 17, '23. Dated July 16, '23.
Frame up $2573.75
1st coat plaster on..... 2573.75
Completed 2573.75
Uusual 35 days..... 2574.75
TOTAL COST, $10,295
Bond, $5147. 50. Suretics, James H. Pierce and E. H. Galpin. Limit, 100 working days from July 16, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
NORTH SIDE WAVERLY ST. 100 FT west of Lincoln St, Palo Alto. All work for 1-story frame dwelling and garage.
Owner—F. M. Zwart, 290 Wawona St., San Francisco.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco.
Filed —. Dated July 19, 1923.
Frame ready for roof.....$2957
Brown coated 2957
Completed and accepted 2957
Usual 35 days 2957
TOTAL COST, $11,828
Bond, $5914; Sureties, J. C. Moore and J. C. Moore, Jr.; Forfeit, none; Limit, 90 days from July 19, 1923; Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accented
July 20, 1923—NW COR. Hanchett Ave. & Tillman St., San Jose. May B. Leaman to Geo. W. Humphrey .....July 18, 1923
July 20, 1923—PART LOT 4 BLK 1 University grounds. J. Lester Miller to C. V. Brown .....July 19, 1923
June 20, 1923—ON N SIDE SAN Antonio St. 101.50 W Third St., San Jose. Albert H. Nolte to Jorgensen & Cook .....July 10, 1923
July 20, 1923—KNOWN AS LOT 5 Browns Addn to Lincoln Park. Sherwood L. Hamilton and Mrs. Sherwood L. Hamilton to C. Rassmussen .....June 14, 1923
July 21, 1923—LOT 28 BLK 14 ROSE Lawn. Harry F. Dowell to whom it may concern .....July 20, 1923
July 21, 1923—224 SO FIRST ST., San Jose. H. Hirch to S. DeCola.. .....July 21, 1923
July 21, 1923—MORGAN HILL, CAL. Ed. Trustees Morgan Hill Grammar School District to John D. Carlson .....July 21, 1923
July 21, 1923—881 SO. FIRST ST., SAN Jose. Giuseppe Guerra to E. E. Weldon .....July 13, 1923
July 23, 1923—PART LOT 3 BLK 96 Palo Alto. D. A. Hazelton to whom it may concern .....July 20, 1923
July 23, 1923—LOT 16 BLK 2 SAN Jose Park Tract. J. Sam'l Staub to whom it may concern ..July 21, 1923
July 23, 1923—LOT 17 BLK 2, SAN Jose Park Tract. J. Sam'l Staub to whom it may concern...July 21, 1923
July 23, 1923—E SIDE HANNA ST. 50 Ft. N Third St., Gilroy, Calif. Irvin J. Chantler to whom it may concern .....July 23, 1923
July 24, 1923—SAN MARTIN, Bd. of Trustees, San Martin Grammar School Dist. to Latourrette-Fical Co. .....July 9, 1923
July 24, 1923—LOT 45 BLK 1 SAN Jose Park Tract. W. A. Edwards to whom it may concern...July 23, 1923
July 24, 1923—PARCEL 44 Described in deed Lennon to Adams recorded inbook 564 Deeds page 245 Santa Clara County Record. John J. Driscoll to L. C. Rossi.....July 19, 1923
July 24, 1923—176 S TWELFTH ST. San Jose. Mary H. Corey to C. V. Brown .....July 19, 1923
July 24, 1923—LOT 36 BLK 10 HANchett Residence Park. Ruth O'Neal and Wm. H. O'Neal to whom it may concern .....July 24, 1923
July 25, 1923—LOT 6 BLK 3 N R 5 W Miller & Lux Western Addn to Gilroy. E. A. Sutherland to whom it may concern .....July 19, 1923
July 25, 1923—(2) LOTS 17 18 19 & 20 Blk 41 College Terrace. Lots 9 & 10 Blk 40 College Terrace. L. W. Lathrop to whom it may concern.. .....July 16, 1923
July 25, 1923—PART SUB LOT 6-A Partition Las Animas Rancho. Peter Narvez to whom it may concern .....July 24, 1923
July 25, 1923—LOT 6 BLK 4 RESUB of W½ Blk 4 Reeds Addn. Maurice L. Tainter to whom it may concern .....July 25, 1923
July 25, 1923—LOT 23 NEWHALL & Cottrell Sub. Maurice L. Tainter to whom it may concern ...July 25, 1923
July 25, 1923—LOT 5 BLK 4 RESUB of W½ Lot 4 Reed's Addn. Maurice L. Tainter to whom it may concern .....July 25, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
July 23, 1923—LOTS 37 & 38 WADES Sub. Atlas Mortar Co. vs. John Madsen $239.65
July 23, 1923—NW 45 FT LOT 5 BLK 4 N R 2 W Santa Clara. Theodore Heple vs. George Hilzer.....$270
July 23, 1923—NW 45 FT LOT 5 BLK N R 2 W Santa Clara. R. Menzel Hardware Co. vs. George Helzer.. ..... $200
July 23, 1923—PART LOT 20 ALAmeda Villa Tract. San Jose Paint Products Company vs. Daisy R. Ziler and S. C. Ziler.....$100
July 25, 1923—LOT 13 BLK 9 Map No. 1 Los Altos. Dudfield Lumber Co. vs. Wilbert H. C. Vestnys, Walter N. Vestnys and George C. Updegraff $138.24
July 25, 1923—LOT 29 HYDE RESIdence Park. C. C. Byrnes vs. Fred S. Clark and Stella S. Clark....$220
July 25, 1923—LOTS 19 & 20 ALAmeda Villa Tract. Southern Lumber Co. vs. Daisy R. Ziler and S. C. Ziler $173.85
July 25, 1923—PART LOT 20 ALAmeda Villa Tract. E. E. Arnott vs. Daisy R. Ziler and S. C. Ziler..$448.95
July 25, 1923—LOTS 19 & 20 Alameda Villa Tct. Garden City Glass Co. vs. Daisy R. Ziller and S. C. Ziller $299.50
July 26, 1923—18.40 ACRES ON SANta Clara, Los Gatos Rd. being in property formerly owned by Sarah L. Winchester. Sunset Lumber Co. vs. John H. Brown, A. P. Marston and Maude Marston $1717.55

BUILDING CONTRACTS

SAN MATEO COUNTY

PAINTING
WINCHESTER EST. N SIDE ATHEton Ave., San Mateo. Painting 2 story residence.
Owner—Winchester Estate.
Architect—None.
Contractor—The Torney Co., 1042 Larkin St., San Francisco.

0% work done $2350
5% work done 2349
Completed and accepted 2349
Usual 35 days 2350
TOTAL COST, $9398
nd, Sureties, Forfeit none; Limit, working days afted July 10, 1923; ns and specifications filed.

TWATER SYSTEM ON ABOVE.
ntractor—J. J. McLeod, 1246 Golden Gate Ave., San Francisco.
ed July 26, 1923. Dated July 12, 1923.
ouched piped $1072.50
Completed and accepted..... 1072.50
Usual 35 days 715.00
TOTAL COST, $2860
nd, Sureties, Forfeit, none; Limit, working days; Plans and specifications filed.

RPENTRY WORK ON ABOVE.
ntractor—L. A. Hinson, 1228 Grove St., San Francisco.
ed July 26, 1923. Dated July 11, 1923.
hingled 1740.25
lastered and screened..... 1740.25
Completed and accepted 1740.25
Usual 35 days 1740.25
TOTAL COST,$6961
nd, Sureties, Forfeit, none; Limit, 90 s; Plans and specifications filed.

ECTRIC FIXTURES ON ABOVE.
ntractor—The National Electric Co., 103 Turk St., San Francisco.
ed July 26, 1923. Dated July 9, 1923.
nsulated $682
Usual 35 days 227
TOTAL COST, $909
nds, Sureties, Forfeit, Limit, Plans specifications, none.

ECTRIC WIRING ON ABOVE.
ntractor—The National Electric Co., 103 Turk St., San Francisco.
ed July 26, 1923. Dated July 9, 1923.
Completed andaccepted.....$258
Usual 35 days 87
TOTAL COST, $345
nds, Sureties, Forfeit, Limit, Plans specifications, none.

NGALOW
N LOTS 8 AND 10 BLK 20, Redwood Highlands, San Mateo. All work for frame bungalow.
ner—Redwood Hyland Co., Redwood City.
ntractor—Louis N. Pollard, Redwood City.
ed July 25, '23. Dated July 17, '23.
neathed $1278.75
rown coated 1278.75
Completed 1278.75
Usual 35 days..... 1278.75
TOTAL COST, $5115.00
d, $2557.50. Sureties, J. T. Fl——
T. C. Rice. Limit, forfeit, none. ns and specifications filed.

EET WORK, ETC.
DWOOD HIGHLANDS, Redwood City. Street work, etc.
ner—Redwood Highlands Co., Redwood City.
gineer—C. L. Dimmitt, Drew Bldg., Redwood City.
ntractor—J. McHugh and S P. Doyle (as McHugh & Doyle), 68 Post St., San Francisco.
d July 25, '23. Dated July 24, '23.
n 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST—Grading and cutting, 84c cu. yd.; grading and filling, 08c cu. yd.; concrete cement gutter and curb, $7c lin. ft.; crushed rock paving, .137 sq. ft.
Bond, $8000. Surety, American Indemnity Co. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW and garage, $5700; Florabunda Ave., being Lot 6 Blk 7, Burlingame Land Co., Burlingame; owner, Mrs Gilson.
BUNGALOW and garage, $3800; Burlingame Terrace and Highway, being Lot K and ptn Lot L, Burlingame; owner, Walter A. Rollins, 506 Bayswater St., Burlingame.
RESIDENCE, $25,000; owner,-story frame and stucco; Sub. 1, San Mateo Park on West Poplar Ave., San Mateo; owner, J. C. Fyfe, 515 Almer St., Burlingame; contractor, S. A. Wisnon, A St., San Mateo.
RESIDENCE, $3500; Lot 5 Blk 12 S-E St., East San Mateo; owner, Antone Moretti, 24 N-F St., San Mateo.
RESIDENCE, $7000; Palm Ave, Glazenwood; owner, Mary C. Inwood; contractor, Mitchel-Jackson Co., 170 2nd Ave., San Mateo.
STORE building, $1200; Lot 5 Blk 8 B St., San Mateo; owner, E. C. Cottier; contractor, Chas. Peterson, 60 Peninsula Court, San Mateo.
RESIDENCE, $6000; W Ptn Lot 192, San Mateo Park, Moreland Ave.; San Matto; owner, Ida F. McCain.
RESIDENCE, $5000; Lot 19, Glazenwood, San Mateo; owner, S. A Born 218 5th Ave., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

July 19, 1923—PART LOT 21 SUB 1 San Mateo Park, San Mateo, Claire Howard and R. L. Ross to Burlingame Building Co. .....July 17, 1923
July 20, 1923—PART LOT 29 BLOCK 6 Easton Burlingame, Thomas E. Couryns to W. C. Finnell & Son... .....July 13, 1923
July 20, 1923—LOT 40 BLK 44 EASton No. 3 Burlingame. Martin J & Josephine Reynolds to whom it may concern .....July 16, 1923
July 21, 1923—PART LOT 12 BLK 17 Redwood Highlands, San Mateo. Redwood Highlands Co. to Louis N. Pollard .....July 12, 1923
July 21, 1923—LOT 17 BLK P MISsion St. Land Co., Daly City. Robert L. Neil to whom it may concern.. .....July 19, 1923
July 23, 1923—NEW HIGH SCHOOL Site, Burlingame, San Mateo Union High School to J. E. Omara & Co. .....July 16, 1923
July 23, 1923—PISCODERO WEST side San Georgia St. First National Bank, Pescadero to Ward & Jones .....July 14, 1923
July 25, 1923—LOT 18 BLK 58 EASton Add, Burlingame. Ellen Kennedy to whom it may concern..... .....July 24, 1923
July 25, 1923—LOT L BLK 5 BURlingame Land Co., Burlingame. Aug Belfrage and Julia Belfrage to Burlingame Building Co..... .....July 29, 1923
July 28, 1923—PART POT 4 VALPAriso Park Atherton, Calif. E. C. La Montague to John Morton..... .....July 23, 1923
July 27, 1923—LOT 28 WISNOM SUB B 8 Western Add San Mateo. Helga Bjorkquist to whom it may concern .....July 24, 1923
July 28, 1923—PART SUB LOT 2 BLK 8 Burlingame Land Co., Burlingame John E. Burness to whom it may concern .....July 22, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount

July 28, 1923—PART RESUB LOT 2 Blk 8 Burlingame Land Co., Burlingame. Henry Hapenhousen to whom it may concern..July 30, 1923
July 30, 1923—LOT 1 BLK 21 EASton No. 2 Burlingame. M. T. K. Rogers to J. B. Oswald. July 22, 1923
July 30, 1923—LOTS 21 22 23 24 42 43 49 Blk 60, San Mateo. Antone Izzi vs. Fredwin H. Somers et al..$132.75
July 30, 1923—LOTS 21 22 23 24 42 43 49 BLK 60 Dumbarton, Cal. Fred Worth vs. Fredwin H. Somers et al $80

RELEASE OF LIENS

SAN MATEO COUUTY

Recorded Amount

July 25, 1923—W ½ LOT 6 BLK 125 S San Francisco. P. A. Smith & Co. to S Niere et al $225
July 25, 1923—W ½ LOT 6 BLK 125 South San Francisco. Gunn, Carle & Co., Inc. to S. Nieri et al....$363.94
July 25, 1923—LOT 6 BLK 125 So. San Francisco. Knight Roofing Co. to S. Nieri et al.....$110
July 25, 1923—S ELY 29 LOT 1 2 & 3 Resub L 1 to 6 inc. S ½ lot and Lots 9 to 45 inc. Rosvet Oaks, Redwood. A. Hess & Co. to E. W. Majrudu $360.62

BUILDING CONTRACTS

CONTRA COSTA COUNTY

APARTMENTS
N CUTTING ST, bet. Stege and Pullman, Richmond. Two-story frame (4) apartments.
Owner—Mrs. H. Carlan, 3013 Cutting St, Richmond.
Architect—None.
Contractor—J. C. Thornton, 532 5th St, Richmond. $11,000

STORE & HOTEL, 30-room, 2-story reinforced concrete, $30,000; S Macdonald bet. 15th and 16th, Richmond; owner, B. Schapiro, 1002 Macdonald, Richmond; architect, Roy Bancroft, St. Marks Hotel, Oakland; contractor, Tandy & Theis 234 Chanslor, Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, adapting class of work in which you are interested.
18 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
7TH & KANSAS STS, SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

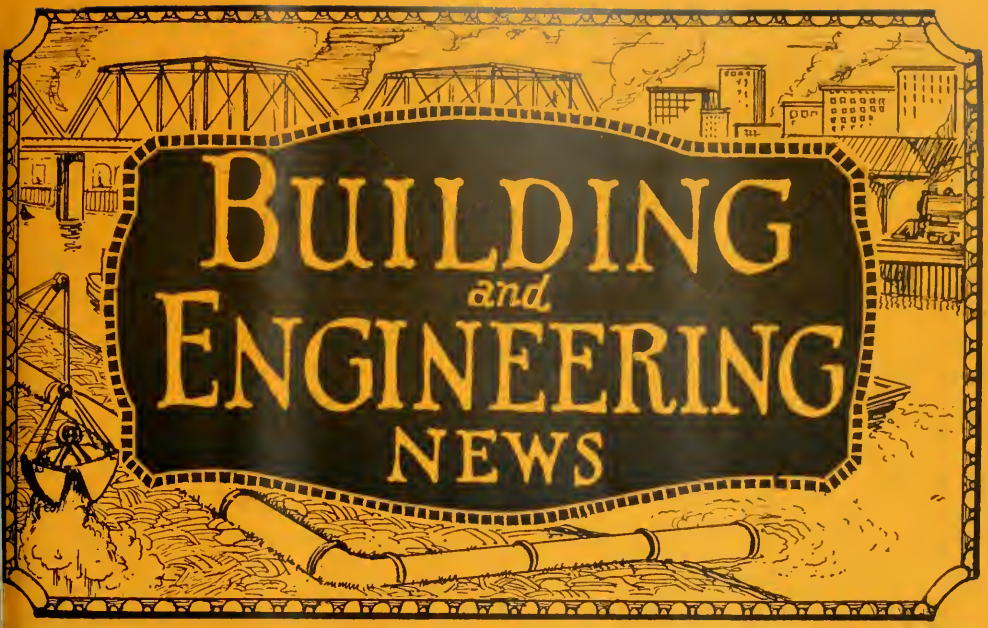
Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA



Publication Office
318 Mission Street

SAN FRANCISCO, CALIF., AUGUST 11, 1923

Published Every Saturday
Twenty-third Year No. 31

Schumacher
Office
210 American National Bank Building

Permanence
Economy

Wall

Appearance
Comfort

Warehouses
San Francisco Oakland

Board

For Sale by all Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

ued Every Saturday — SAN FRANCISCO, CALIF., AUGUST 11, 1923 — Twenty-third Year No. 32

BUILDING and ENGINEERING NEWS

No. 818 Mission Street.
San Francisco. Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-ctural, Building and Industrial Ac-vities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

bscription terms payable in advance
S. and Possessions, per year..$5.00
nadian and Foreign, per year.. 6.00
gle Copies 25c

Entered as second-class matter at
n Francisco Post Office under act of
ngress of March 3, 1879.

LE OF NATIONAL FOREST TIMBER IN IDAHO PENDING

The advertisement of a sale of saw tiber on the Payette National Forest Idaho involving 48,000,000 board feet s been approved by the United States Iparlment of Agriculture. About tee-fourths of the timber is western low pine and the balance is larch, Iuglas fir, white fir, and Englemann uce. The price has not yet been anrinced but it is expected that it will arage $3 25 per thousand feet. Total rcepts from the sale are placed at $0,000.

'he contract period, according to the artisement, is to be five years. Cutg operations will, as usual, be in acdance with management plans speci-l by the Forest Service. It will be a section cutting with all young and tifty trees left for further growth. Th hrush will be piled and burned ulr supervision of forest officers.

t is expected that the succesful bidd will establish a saw mill in Long Vlley within the Payette National Fest with an annual capacity of aut 12,000,000 board feet. The Forest Svice states that there is abundant Nional Forest and private timber adjent to the proposed mill site to give sh a mill a permanent life.

. F. Cochrane, San Rafael publisher, h been appointed to the State Board of Harbor Commissioners, succeeding Hry Cosgriff. The position pays $800 a year.

LOS ANGELES BUILDING FOR PAST SEVEN MONTHS TOTALS $108,972,458

Los Angeles building total for July, 1923, held up to the average for the first half of the year. The number of permits issued was 4722 and the estimated valuation was $15,083,273. Compared with June there was a decrease of 372 in the number of permits and an increase of $8827 in valuation. Compared with June, 1822, there was an increase of 1330 in the number of permits and a gain of $7,019,257, or about 87 per cent in valuation. The total for 7 months of 1923 was $108,-972,458, an increase of $41,449,190 compared with the corresponding period in 1922.

The record for the year by months is as follows:

	1923	1922
January	$11,258,515	$ 7,975,188
February	12,080,310	7,579,798
March	21,196,087	10,964,820
April	15,352,944	12,950,686
May	18,926,881	9,327,504
June	15,974,446	10,652,265
July	15,083,273	8,064,018

Class A and Class B construction for the month of July, 1923, was more than double that for June and there was a slight increase in Class C construction. Only one large building project is included in the July total, a permit having issued for the Chamber of Commerce building estimated to cost $2,-000,000.

Housing operations for July, 1923, were represented by 1863 permits for dwellings, flats and apartments with an estimated valuation of $7,628,448, or 39.5 per cent of the entire number of permits and 50.5 per cent of the entire valuation for the month. These buildings will provide accommodations for 3121 families. Compared with housing operations for June this is a decrease of 230 in the number of permits and a decrease in valuation of $1,792,714. The number of families provided for by July housing operations was 762 less than the number provided for by housing started during June.

QUICK-SETTING LIME BLOCKS DEVELOPED BY STANDARDS BUREAU

A cast lime building tile for use in making partitions has been developed at the Bureau of Standards by the Fellow of the National Lime Association. The material of which is made sets so that it can be removed from the mold at the end of ten minutes. After Twenty minutes it can be handled, and after seven days it has a compressive strength of one hundred pounds per square inch. It can be sawed, and nails can be driven into it.

The material is composed of five parts by volume of ground quick lime, ten of hydrate or slaked lime, and one of wood fibre. It is found to cure best when outdoors exposed to the weather. The new tile is about twenty per cent heavier than gypsum tile of the same size, and experiments are being conducted to see if the core volume can be increased without too great a sacrifice of strength.

The quick setting lime of which the tile is made was developed several months ago by the Bureau of Standards, and can also be used for other purposes. Difficulty is found in shipping it, however.

SUPERVISOR McSHEEHY ADDRESSES ARCHITECTURAL CLUB

Supervisor Jas. B. McSheehy gave a very interesting address to the members of the San Francisco Architectural Club at their meeting August 1st on the progress made and work recently completed at Hetch Hetchy. His talk was interesting and very instructive, and held the attention of members for fully an hour. It was pleasant to learn during the course of his remarks that he himself was at one time a member of the club in his days as a building contractor in San Francisco. The club deeply appreciates the honor of his presence. It is hoped that it may frequently have the honor of listening to such speakers as Mr. McSheehy.

The prizes for the last two problems of the Atelier were awarded the latter part of July, Harry Langley and Lowell E. Bowen being the recipients. The prizes were for the Analytique. The jury consisted of Edward Fricke, Ernests Weihe, Edward Flanders, Henry Howard, and John B. McCool.

A banquet to commemorate the 21st Anniversary of the founding of the club is to be held September 28th next. All charter members of the club will be guests of honor and presented with an honorary membership. It is planned to make this an affair commensurate with its importance, and nothing will be spared to make it one of the greatest events held by the club.

Lawrence H. Keyser was elected treasurer for the ensuing year at the last business meeting and Wm. Rowe and J. B. McCool were elected directors. The officers of the club follow: President, Mark T. Jorgensen; Vice-President, Edgar B. Hurt; Secretary, Carl R. Schmidts; Treasurer, Lawrence H. Keyser; Directors, Felix Raynaud, William Rowe and John B. McCool.

A free hand drawing class is now being formed among the members and it is hoped that it will soon be under way.

The club has accepted an invitation to visit the plants of the Paraffine Companies, Inc., at Emeryville. The date has not yet been decided upon, but that and other details will shortly be arranged.

WORK OF THE RECLAMATION SERVICE

The Reclamation Service of the Interior Department has completed a summary of its work conducted since the reclamation act went into effect 20 years ago. The water-storage capacity of irrigation project reservoirs of the Department of the Interior in Western states has now reached 10,000,000 acre feet, or enough to cover the entire state of Connecticut with three feet of water.

UNIONS LOSE MEMBERS

Trades unions in England have lost 315,503 members during the last year. This decrease is said to have resulted from the absorption by the government of some of the functions at one time performed by the unions.

The funds of the unions have fallen from 254,266 to 94,396 pounds sterling and the annual revenue from 85,450 to 64,883 pounds sterling.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The A. F. Gilmore Company and the Gilmore Petroleum Company, producers, refiners, marketers and exporters of oil products in southern California, was consolidated July 2, the new organization to be known as the Gilmore Oil Company. While the control and management of the company will remain the same as heretofore, extensive plans for the enlargement of the organization are being made. These include the increasing of the gasoline refinery capacity through the installation of new units, the drilling of wells on various pieces of the company's proven property, moving the offices of the company to their new home at one of the refinery sites on 28th St., near Santa Fe Ave., Los Angeles, and various other betterments which will soon evolve.

A claim for $128 for work performed by W. H. Weeks, San Francisco Architect, in 1919 in the Murdock School District, duly approved by school officials, was on presentation for payment turned down by Ed. S. Ball, treasurers of Glenn County, on the ground that it is an outlawed demand. Architect Weeks then took the matter up with District Attorney H. W. McGowan, who upheld the position taken by Ball that the claim was outlawed because of failure to present it within the statutory period, and that as county treasurer he could not pay the claim.

Clarence F. Post has been named purchasing agent of the Western Pacific Railroad, succeeding the late William T. Jacobs. He has been with the Western Pacific since 1916 and was assistant to Jacobs up to the time of the latter's death. Post came to the Pacific Coast seventeen years ago as a representative of the St. Paul and Tacoma Lumber Company. Afterward he was with the Grand Trunk Pacific at Prince Rupert, Canada, coming thence to California.

The appointment of Kenneth C. Bean of Seattle, Washington, to the position of chief examiner of the state civil service commission is announced at Sacramento by David R. Reese, chairman and executive officer of the commission. The position has been vacant since the resignation of J. C. Whitman last February. Bean is a graduate of the engineering department of the University of Washington.

The K. C. B. Electric Manufacturing Co. of Sacramento has been incorporated with a capital stock of $150,000 of which $5,335 has been subscribed. The company is to deal in a general battery and automotive electrical business. Its incorporators and directors are: I. Kubel, Kenneth King, R. E. Harris, A. W. Clifton, W. T. Foster, George Schelcher and U. Cecchettini.

The S. T. Johnson Co., manufacturers of oil burners and distributors of stove oil, will shortly move to its new factory at Arlington and Lowell streets, Oakland. The new quarters are of steel and brick construction. Approximately $30,000 was expended in the plant.

Hammer-Bray Co., stove manufacturers of Oakland, is planning extensive improvements to its plant in the Fruitvale industrial section of Oakland.

Work is progressing on the new plant of the Standard Underground Cable Company at 62nd and Green Sts., Oakland. The structure will be three stories in height, covering an area of 100 by 300 feet and will cost approximately $250,000. R. G. Harris, Pacific Coast Manager of the Company, is superintending construction.

Thomas Driscoll Jr., for the past two years deputy county engineer of Kitsap county, Wash., has resigned to take a position with Grant Smith & Company on the New Olympic Hotel, Seattle. County Engineer Berry has appointed R. E. Davis, Bremerton engineer, to fill the position temporarily.

Approximately 50,000,000 is being expended annually for public road work in the eleven western states, having representation in the Western asociation of state highway officials according to Dr. L. I. Hewes of San Francisco, deputy chief engineer of the U. S. Bureau of Public Roads.

An amendment of the Washington State Industrial Insurance Act went into effect July 1st, 1923, which states that no building department in any city in the state shall issue a building permit until the premium for the industrial insurance has been paid to the State Department of Insurance.

On June 6th, 1923, the law requiring the preparation of estimates and the keeping of accurate costs on all public work when done by day labor and publishing of same became operative in the state of Washington. The law was passed by the 1923 session of the legislature.

John A. McGilvray has been chosen chairman of the State Industrial Accident Commission, succeeding Will J. French. Previous to his appointment to the Accident Commission, McGilivray was chief of the Legislative Council Bureau at Sacramento.

G. E. Sheffield, engineer employed by the California Highway Commission, was killed in an automobile Accident August 2 when his machine collided with a northbound S. P. train. His companion, Bert Robinson, another engineer, was severly cut and bruised.

The Public Service Supply Company, manufacturing portable school houses and school furniture, has opened quarters at Fifth and R streets, Sacramento. Jos. E. Burch is president of the company and Albert G. Harris, engineer.

Henry A. Spaulding, formerly of Long Island, N. Y., has opened an office at 440 Channing avenue, Palo Alto, and will engage in the general contracting business.

The Bank of Italy has purchased a $1,000,000 block of 4½% state highway bonds, taking the issue at par and $3,-305.60 in accrued interest.

Lawrence Dempsey, president of the Dempsey Lumber Co., Tacoma, and well known in coast lumber circles, died at his home near Tacoma, July 4.

SURPRISE STUNTS WILL BE FEA TURES OF ANNUAL BUILDERS' DAY OUTING

(By The Observer)

Surprise stunts will be features o the annual Builders' Day Outing to l held under the auspices of the Sa Francisco Builders' Exchange at Cap tola-By-The-Sea, Santa Cruz Count September 1st, 2nd and 3rd, accordin to Steve Guerin, a member of the Con mittee on Arrangements.

A preliminary program has bee mapped out, according to Guerin, ar the various committees report pr gress which assures the biggest ar best outing in the history of the Sa Francisco building fraternity. A nur ber of surprise stunts, manufacture by jestors of the exchange, will b featured. The exact nature of the stunts, however, is known only committee members.

Clarence Pratt, chairman of the Pu licity Committee, announces conside able interest is being taken by ma outside the building fraternity wh plan to attend the outing. Posters a being printed and these will be d tributed to members for display their shops and offices and on th windshields of their automobiles. The posters will be ready for distributi this week and it is requested th members of the exchange will co operate with the committee in givi publicity for the event.

Art Smith, chairman of the Housi Committee, reports that hotel a commodations are closing fast a issues the warning that those desiri quarters in the Hotel Capitola ma early reservations. In addition to hot quarters, Smith reports that many co tages and tents are available for t three-day event. The cottages a provided with equipment for hous keeping. The tents are comfortable a furnish every convenience afforded a hotel room.

Wm. J. Feary, chairman of the Co mittee on Arrangements, is closing co tracts for music and various sorts entertainment. First class mus Feary says, will be a feature of t outing.

"This outing undoubtedly will pro to be the biggest event ever undertak by the San Francisco Builders' E change," says Feary. "The committe are making every possible effort break attendance records at Capito We are receiving co-operation fr every side and from present indicatio our following to Capitola for t three-day event will exceed 5,000 peo from San Grancisco and the Bay cou ties."

Donors of prizes are becomi numerous and the Prize Committee e pects that severe competition will displayed in the various contes Those who desire to contribute priz to the Builders' Day Outing are r quested to leave such donations at t office of the Builders' Exchange. D credit will be given the donors in t official program now being compil Within the next few days a list of t donors and their prizes will be publis ed in the Daily Pacific Builder.

The Bell Marble Quarry near Colu bia, Tuolumne County, has resum operations following a close-down f a few montths. Two new saws ha been installed in addition to oth equipment. Shipments from the pla are slow due to a shortage of help.

Jas. F. King has sold his concre pipe manufacturing plant at Gridl Butte County, to the Valley Conc Pipe Company of Yuba City. Gord Williams of Yuba City will be mana of the Gridley plant.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

PLASTERERS AND BRICKLAYERS ARE UNIVERSALLY BEST PAID

Plasterers and bricklayers are universally the best paid workers in the building trades. A compilation of wage scales in 59 cities of the U. S. by the National Association of Builders' Exchanges shows that in one city, St. Louis, plasterers get $1.75 per hour, and in nine cities—Baltimore, Buffalo, Detroit, Houston, New York City, Shreveport, Oklahoma City, Nashville, and Washington, D. C.—they are paid $1.50 per hour. In most other cities the wage is $1.25 per hour while in five cities it is $1 per hour. Plasterers' helpers, or hod carriers, in St. Louis draw $1.25 per hour, in New York City, $1.06½ and in 5 cities they are paid $1 per hour. The lowest wages for plasterers' helpers are 35 to 45 cents per hour at Atlanta. Bricklayers in Detroit, New York City, Oklahoma City, Philadelphia and St. Paul get $1.50 per hour, and in Cleveland, Pittsburg and Richmond, Ind., $1.40 per hour. The wage in 33 cities is $1.25 per hour. Only one city reports a wage of less than $1 per hour, Columbia, S. C., with a scale of 85 cents per hour. In some of the larger cities paying the highest wages both bricklayers and plasterers have been getting a bonus.

ARCHITECTS' COMPETITION FOR DWELLING

The Community of Arts Association of Santa Barbara, California, is offering $900 in prizes for the best designs of a five-story dwelling house, suitable for California, to cost not more than $5000. Each design must be accompanied by a bona fide estimate of cost by a responsible bidder.

The jury of awards will consist of five members, three of whom will be professional members from the American Institute of Architects, and two lay members designated by the Community Arts Association. Architect Carleton Monroe Winslow of Los Angeles has been appointed consultant and will be an ex-officio member of the jury. Members of the jury are not eligible as contestants.

Competitors must be registered with Mrs. O. L. Hathaway, business secretary of the Community Arts Association, 936 Santa Barbara street, Santa Barbara, and applications must be received by her before 6 p. m., August 15, 1923. Drawings must be received by Mrs. Hathaway on or before 10 p. m., September 1. Inquiries regarding rules of the competition, etc., may be sent to Carleton Monroe Winslow, Van Nuys building, San Francisco.

ALAMEDA COUNTY BUILDERS' EXCHANGE GROWING

The Alameda County Builders' Exchange is a growing organization, as is shown in the current issue of the "Exchange Hour," the monthly bulletin of the exchange, edited by E. W. Shaw, Secretary.

Recent new members include: American Surety Co., of New York, bonds; A. Sayers, plastering contractor; Burchell & Chiantaretto, architects and sculptors; Chas. H. Prinz, fireplace furnaces; The Martin Co., stucco manufacturers; Paul T. Ramm, general contractor and McKee & Roberts, cement contractors.

Two of Sacramento Builders' Exchange Bodies Quit as Members

Differences over matters of policy have brought a rift in the ranks of the Sacramento Builders Exchange, resulting in the withdrawal of two organizations making up that body. The resignations of the Master Builders Association and the Master Painters Association were presented at August 1 meeting of the board of directors of the exchange and accepted.

While no master painters withdrew as individual members, sixty-four general contractors terminated their individual membership when their organization withdrew, attaching their resignations to the association's letter to the exchange.

The reason for the withdrawal of the master builders was given in the following paragraphs of the letter sent to the exchange:

"The members of this organization, being employers of both journeymen and sub-contractors, find it hard at times to be working under the same rules that govern the various sub-contractors' associations, who are only employers of labor and do not have dealings with sub-contractors.

"While our interests are more or less parallel to those of the various crafts of the exchange, they are not at all times identical. However, we desire to work in harmony with the several crafts associated with the Builders Exchange and will use our best efforts to co-operate with that organization for the betterment of all concerned.

"However, we think it best for both associations that we be operating under separate heads."

The painters gave no reason for their resignation, but it is known that their differences arose over the refusal of the exchange to sanction an increase in wages for journeymen painters. Members of the painters' union were recently granted an increase from $8.35 to $9 per day by the master painters. Withdrawal of the master builders from the exchange is regarded in some circles as a step toward granting the request of the carpenters' union for an increase from $8.35 to $9 per day.

Action of the master builders vacates two directorships in the exchange, H. W. Robertson, president of the master builders, and W. E. Truesdale being among those who resigned. Their places will be filled with the election of new directors next week.

W. B. Scollan, president of the exchange, admitted that there had been reports of dissatisfaction among the general contractors and painters and that the withdrawals had not been a surprise. However, he was inclined to think differences would be adjusted and the withdrawals would be temporary.

In the absence of any protest against the exchange's policies by the organizations dropping out, he was unable to say what might be done toward conciliation.

"The builders exchange will go on as it has in the past," said Scollan. "There has been no quarrel and friendly relations are being maintained with those who withdrew. The majority of the members are still supporting the exchange. The electrical, plumbing, heating, sheet metal, plastering, cement and roofing contractors, brick masons and mill men are still with us. The exchange has not approved of any advances in wages and is endeavoring to keep down building costs to the public of Sacramento."

It is not expected that the resignations of the two bodies will have any effect on the agreement between the builders exchange and the building trades council over methods for adjusting local wage scales.

L. A. CONTRACTORS CONDEMN BIDDING FOR LABOR

A vigorous stand has been taken by Southern California Chapter, Associated General Contractors, against the practice of bidding up wages for building craftsmen during periods of apparent labor shortage. This practice does not increase the labor supply, but has a tendency rather to decrease it, as experience has shown that efficiency decreases rather than increases with boosting of wages. Co-operations of all contractors to combat the practice of bidding for labor is urged in the following resolution adopted by the executive board of Southern California, A. G. C.:

Whereas, Southern California Chapter, Associated General Contractors of America, representing about one hundred of the principal building and construction contractors of Southern California has the interest of the building public and this great industry foremost in mind; and,

Whereas, It has come to our attention that in the past many contractors and others have made the serious mistake of recruiting crews of skilled workmen from other jobs by the unethical practice of offering to pay more than the prevailing wage; and,

Whereas, This practice has served only to work a hardship upon the builders so deprived to help and has restricted the output of the local workmen because of lost time in turnover and the removal of incentive for honest effort, now, therefore be it

Resolved, That the Southern California Chapter, Associated General Contractors of America, does heartily condemn this practice among any employers and calls upon the builders and contractors of Southern California to put an immediate end to the said practice.

AMERICAN PLAN MEET

The Alameda County Builders' Exchange will have representatives at the American Plan Conference to be held in San Antonio, Texas, October 22-23, according to an announcement of E. W. Shaw, Secretary of the Exchange. The program, according to A. C. Rees, chairman of the conference, will be full of "Meat" and will present the best thoughts of the most experienced and earnest students of industrial relations in America.

WATER BOARD RESIGNS

Facing the beginning of operations for San Bruno's $225,000 mnuicipal water improvement the water board of five members, forming a point board with the trustees of San Bruno in charge of the work, has resigned.

In a letter of resignation to the trustees, the board states that following the investment of the city engineer "with full responsibility in the purchasing of supplies and the installation of the new water system" the beard of trustees has adopted the policy of "discarding the suggestions offered by the commission for this reason, we respectfully tender our resignations as a body, to take effect immediately," the letter informs the San Bruno city dads.

Supperters of the water commission declare that the trustees "practically ignored" suggestions made by the commission recommending the appointment of a construction engineer and an assistant, to supervise the big municipal job.

TRADE NOTES

The Cinema Engineering Company has opened offices at 650 S. Figueroa St., Los Angeles. Its program includes architecture, construction, industrial planning, and landscaping. The organization is made up of the builders of the Motion Picture Exposition, including L. G. Scherer who served as art director; Frank S. Brown as superintendent of construction; A. J. March as chief draftsman; R. M. Coleman as assistant superintendent of construction. The other member of the firm, Elmer Meitner, was formerly chief engineer for the Sperry Gyroscope Company of New York. Material men and supply houses are asked to mail their literature to the above address.

The Johnson Gas Appliance Co. of Cedar Rapids, Iowa, has taken over the manufacture and sale of the Moore Self-Cleaning Rake. On July 1 the company acquired all equipment, stock, patent rights, etc., of the Moore Self-Cleaning Rake Company and with a special new equipment will insure a product of quality and durability. In addition to the patented self-cleaning rake the company will manufacture the Apex steel garden rake in addition to the Si-Clone Sidewalk Scraper.

K. C. Banks and A. V. Swartz announce the establishment of the Southwest Sales & Equipment Co. with offices at 325 San Fernando Bldg., Los Angeles. The firm will handle railroad equipment, steel rails, spikes, bolts and plates, frogs and switches, ties and timbers and railway supplies.

Peter F. Wilkes, Jr., of late with Purdy and Henderson Company, New York, is the latest addition to the sales staff of the California Brick Company with offices at 604 Mission Street, San Francisco.

The Monolith Portland Cement Co. of San Francisco and Los Angeles, has entered the Washington state field and will be represented by W. F. Jahn & Co., and F. T. Crowe & Co., in Seattle and C. S. Barlow & Sons at Tacoma.

The annual meeting of the American Face Brick Association will be held at Fox Lake, Indiana, December 4-6.

State Highway Engineer Replies To Portland Commerce Chamber Criticism

(By R. M. Morton, California State Highway Engineer)

Judging from letters received in various California cities emanating from the Portland Chamber of Commerce, there apparently exists in the states of Oregon and Washington an erroneous impression in regard to the attitude of the California Highway Commission toward the uncompleted portion of the Pacific Highway between Redding and the Oregon state line. The State Highway Engineer wishes to assure our own people in the northern part of the State and the residents of Oregon and Washington that the need for paving about 116 miles of highway still unfinished between Redding and the Oregon line is painfully apparent to the California Highway Commission and its engineers.

The fact that this distance is not covered with hard-surfaced pavement cannot be deplored any more by the residents of the adjacent states than it is by our own officials. Our neighbors of the North, however, must realize that California's highway construction problems are of tremendous magnitude and in the past it has seemed to be of more benefit to the State as a whole during the period that inter-state automobile traffic was not so important as it is now is, to endeavor to satisfy the needs of our own thickly populated communities and give them hard surfaced pavements, rather than to extend our work to meet the highways of the adjacent states.

The seventy-three million dollars which California has expended for highway construction has been spent in bettering the lines of communication within the borders of the State. The answer to the question as to why the section between Redding and the Oregon line is not paved is simple; our highway needs and our motor traffic have out-stripped our financing and until a new method of financing is provided which will be capable of expansion into figures exceeding two hundred million dollars, the State of California will not catch up with the requirements which are imposed upon us for motor highways, both by our own people and our visitors.

It is to be regretted that any impression has been circulated in Oregon and Washington that we are not alive to the needs of the section of highway between Redding and the Oregon Line. We can say, however, that this road is in better condition than any of our other inter-state connections. It has been graded throughout, with the exception of 17 miles, which is now under construction for grading and gravel surface. With this exception, it has all been surfaced with rock or gravel and it is maintained in the best possible condition for such type of improvement. The road is kept practically free from snow by the State Highway forces and is rarely closed in the winter. In summer water trucks are used adjacent to towns where traffc is heaviest in an endeavor to keep down the dust.

Although there are no funds remaining in the Third State Highway Bond Issue which can be devoted to paving of this road, yet maintenance money has not been spared upon it and the California Highway Commission plans next year when the revenues from the Gasoline Tax are available to enter vigorously on a program of widening and straightening the alignment in sections where standards are below present day requirements; the re-surfacing of those sections to keep traffic going, and in general, the rehabilitation of the existing road to a degree commensurate with the heavy traffic it is called upon to bear. All of this widening and straightening will be preliminary to paving work which must follow, as this is one of the most important projects in the State, when new funds are provided which an be devoted to paving.

The revenues from the Gasoline Tax may be used solely for the purpose of maintenance and reconstruction. These funds are not going to be available for new paving and the only paving that can be done with this money will be the reconstruction of existing pavement where necessary.

The California travel into Oregon and Washington this year has been tremendous. A larger number of automobile parties have visited British Columbia and Vancouver than ever before. The magnificent scenery in Oregon and the enticements of the Puget Sound country have collected thousand of dollars from California tourists. The State of Oregon, with commendable zeal, has bent every effort during the past four years to completing its section of the Pacific Highway. The Highway Department of the State of Washington is now pushing contracts on the remaining 37 miles to close gaps in their section of this road. In British Columbia the last pavement has been laid from the State line to Vancouver. The people of California and its Highway Commission could not, even if they so desired, postpone much longer the completion of California's last unit of the Pacific Highway which will make a continuous pavement from Vancouver to Mexico.

Funds in a steady annual amount must be provided for the continuation of this and all other state highway work in California and the California Highway Commission is anticipating that a constructive program will be formulated in the near future through avtivities of the Highway Finance Committee, provision for which was made by the last Legislature and which is soon to be appointed by the Governor.

75% FATAL ELEVATOR ACCIDENTS ARE PREVENTABLE

About three-fourths of all fatal elevator accidents are found to occur at the hoistway door, either because of the door being opened when the elevator is not there or because of the elevator starting when the door is open. These accidents can be prevented by a reliable interlock, as when such a device is used the elevator must be stopped at the floor before the door can be opened, and the door must be closed before the car can be started again.

During the past year the Bureau of Standards has been conducting tests to determine the reliability of the various types now on the market. The devices have been given endurance tests under normal conditions, they have been tested in a corrosive atmosphere, in a dust laden atmosphere, without lubrication, and under conditions of misalignment likely to occur in practice.

The tests were conducted at the request of the City of Baltimore, and will permit city governments to base their approval of such devices on actual performance instead of on visual inspection alone. The results have also been made available to the manufacturers of the devises tested, and in most cases they have improved their designs in accordance with the suggestions offered.

CALIFORNIA FOREST FIRES

A total of 354 fires have occurred in the National Forests of California since January 1, according to report by District Forester Paul G. Redington of the San Francisco office, United States Forest Service. These fires burned over 10,500 acres of Government land and 12,500 acres of private land within and adjacent to the Federal forests. Over 80 per cent of the fires was discovered and extinguished by Forest Service officers before they had covered over 10 acres each.

Fifty per cent of the fires were mancaused, largely through the carelessness of smokers and campers.

Forty-four arrests for violation of State and Federal fire laws have been made by Forest officers, and 37 convictions secured.

PUBLICATIONS

"The Water Tower," published quarterly by the Chicago Bridge and Iron Works, 2421 Transportation Bldg., Chicago, and the Horton Steel Works, Ltd., (of Canada) 232 Janet street, Bridgeport, Ontario, "to promote the co-operation of the various departments and to act as a medium for the Exchange of helpful hints and suggestions," should be of interest to everyone who is in any way concerned with the building of water towers, tunnels, dams, or bridges. Numerous illustrations and much good reading matter are presented.

"The Small Home," the official service publication of the Architects' Small ouse Service Bureau of the United States, Inc., is published monthly to extend the work and service of the various regional bureaus. It presents illustrations of homes built from Bureau plans, and gives home plans and helpful information on building materials, methods, and home equipment with respect to financing, planning, and building. Subscriptions, $1.50 a year, are to be sent to National Headquarters of the Bureau, 1200 Second avenue South, Minneapolis, Minnesota.

"Laclede-Christy Bulletin," monthly publication of Laclede-Christy, St. Louis, Missouri, devotes its June issue largely to the advantages of "Mortarmix" fire brick mortar over ordinary ray clay batter. It is claimed that "Mortarmix" with strands much higher temperature, makes the joint or bond stronger, lessens natural shrinkage of raw clay joints under heats, eliminates harmful results arising from difference in the structure of the joint and that of the brick, and comes in dry form ready for instant use.

"Shope Concrete Brick, its Origin, Uses and Methods of Manufacture," is the title of a neat booklet presenting a plan whereby there may be established in each city a local industry for the manufacture of Shope concrete face and common brick, under the Shope patented process. Copies of the booklet may be secured from the Shope Brick Company, Portland, Ore.

Bulletin No. 142, published by The Jeffrey Manufacturing Company, of Columbus, Ohio, features their Jeffrey Stone Pulverizer Type A, which is used for making road dressing and concrete stone.

Preventive Measure Is Only Cure for Road Accidents, Survey Shows

The Bureau of Public Roads of the United States Department of Agriculture calls attention to the fact that highway grade-crossing accidents continue to increase. The Interstate Commerce Commision reports that in the final quarter of 1922, 517 persons were killed and 1710 injured at grade-crossings, an increase of 16 fatalities and 105 injuries in comparison with the same period of the previous year. Similar increases are reported in other quarters.

It has been suggested that an increase is to be expected since the number of motor vehicles and highway traffic is increasing, but this should be the reason for additional preventive measures rather than statisfaction with the situation.

There is only one safest way to prevent accidents where highways and railways intersect. That is by a complete separation of the grades by means of subways or viaducts. There has been agitation for legislation in a number of States to require all users of the highways to stop before crossing a railroad track. A few States have enacted such laws. The general application of such a law covering all of the railroad crossings in any State leads to absurdities and unnecessary inconvenience. For example, one of the principal State highways leading west out of Raleigh, N. C., where such a law is in force crosses a branch line of a railroad running into the State Fair Grounds. This switch track is used for only a few days each year at the time of the State Fair, but under the law all the traffic over one of the principal highways in the State must stop at this crossing 365 days per year.

Such laws should be regarded as temporary expedients only. Hundreds of branch line railroads carry only a small percentage of the passenger traffic now carried by the main line highway which they cross. If either traffic is to be halter at the crossing it should be the rail traffic. Right of way is given the most important traffic on the railroads. This is a fundamental principle of operation, and this same principle should be recognized by the State in making any low with reference to stopping traffic at railway and highway intersections. Undoubtedly trunk line railways should be given right of way, and the highway traffic stopped, but branch line railway traffic lies in a different category entirely. The highway traffic over important State trunk lines should not be stopped at branch line railway crossings. Rather, the infrequent trains should be stopped before crossing such highways.

The agitation for stopping highway traffic at railway crossings, however, is having its effect in rapidly crystallizing public sentiment against all grade crossings, and this will lead to the only right solution of the matter, that is, the separation of the grades.

In the construction of Federal-aid roads the Bureau of Public Roads has adopted the policy of eliminating grade-crossings wherever practicable, if possible by relocation, otherwise by means of an underpass or overhead crossing and to this end an engineering investigation is made of every crossing and a great many have already been eliminated. Costly structures are required but there is no doubt that the policy has resulted in the saving of many lives.

PROFESSOR H. A. THOMAS JOINS CARNEGIE TECH STAFF

Professor Harold A. Thomas, for the past 13 years a member of the staff at Rose Polytechnic Institute, Terre Haute, Indiana, has been appointed to the faculty at Carnegie Institute of Technology for next year. He will begin his new work in the Fall as Professor of Theorectical Hydraulics and of Hydraulic and Sanitary Engineering.

Although one of the younger men in his field, Professor Thomas is already widely known as an engineer of extensive experience. He was graduated from Columbia University in 1906 with an A. B. degree and the C. E. degree in 1908. At the completion of his studies he was awarded the Illig medal for the highest standing in four years of the engineering course.

His teaching experience has included connections as Instructor at Columbia University and at the University of Washington. Later he joined the staff at Rose Polytechnic Institute serving 8 years as Associate Professor of Civil Engineering and for the past 5 years as Professor of Hydraulics.

In his professional work, Professor Thomas has served as a member of the Engineering Corps of New York State Water Supply Commission, member of the Engineering Corps of the Great Northern Railroad, Assistant Engineer for Miami Conservatory District on flood-control work at Dayton, Ohio, and as a Consulting and Practising Civil and Hydraulic Engineer at Terre Haute, Ind. He has also carried on or supervised various experimental studies on the proportioning of concrete, and originated the "Heap Test" for controlling the consistency of concrete.

GOVERNMENT TESTS POINT WAY TO SAFER ELEVATORS

About three-fourths of all fatal elevator accidents are found to occur at the hoistway door, either because of the door being opened when the elevator is not there or because of the elevator starting when the door is open. These accidents can be prevented by a reliable interlock, as when such a device is used the elevator must be stopped at the floor before the door can be opened, and the door must be closed before the car can be started again.

During the past year the Bureau of Standards has been conducting tests to determine the reliability of the various types now on the market. The devices have been given endurance tests under normal conditions, they have been tested in a corrosive atmosphere, in a dust laden atmosphere, without lubrication, and under conditions of misalignment likely to occur in practice.

The tests were conducted at the request of the City of Baltimore, and will permit city governments to base their approval of such devices on actual performance tests instead of on visual inspection alone. The results have also been made available to the manufacturers of the devises tested, and in most cases they have improved their designs in accordance with suggesions offered.

The Three Cities Chamber of Commerce, San Mateo, has broken ground for the construction of a "model home" at the corner of Sycamore and Chescent avenues, San Mateo. The structure will be maintained to stimulate the home building program in the Peninsula section.

SPECIFICATIONS FOR QUICKLIME USED IN CAUSTICIZING

The manufacture of caustic alkali consumes a large tonnage of quicklime annually. For this purpose a very pure grade of lime is required. Purity is determined not by the total content of calcium oxide but rather by the content of calcium oxide which is available in the process for which the lime is used. A careful study of the requirements of the users of the quality of lime which is actually being used, and of the possibilities of production, have lead to the establishment of the figure 85 as being a fair standard for the precent of available lime.

Unlike mose materials which are bought on specification, chemical lime is more valuable if it has a higher degree of purity than that required by the standard and less valuable if it has a lower degree. For this reason it has been recommended that a bonus and penalty clause be inserted in tte contract in order to take care of vairations from the 85 per cent. While the material is less valuable but can still be used if the purity falls below the standard, there is a point reached eventually when the value of the material becomes such that it is poor economy to use the lime for this purpose. A careful survey of the situation has led to setting this figure at 70 per cent.

In working up the details of this specification the Bureau has been assisted by an Interdepartmental Conference on Chemical Lime, composed of representatives of various government agencies. The specifications have been partially approved by the National Lime Association, representing the producers and by the Technical Association of the Pulp and Paper Industry, representing the largest group of consumers of this kind of lime.

This specification is embodied in Circular No. 143 of the Bureau of Standards, entitled, "Recommended Specifications for Quicklime for Use in Causticizing." Copies may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is 5 cents.

ACKNOWLEDGE BANKRUPTCY

Sheridan Downey, counsel for the All-in-One Plumbing Fixture Corporation of Sacramento, has filed an answer to the petition of the allegations of the petition that the company is bankrupt.

The answer will be forwarded to the federal court in San Francisco and the proceedings referred to a referee in bankruptcy, probably S. W. Cross of Sacramento.

Downey said the filling of the answer obviates the necessity of a hearing on the petition and that the creditors will be notified and claims against the company filed.

1922 A BIG YEAR FOR ROADS IN THE WEST

The West experienced in 1922 the greatest road building boom in its history. A total of 7,428.19 miles of new improved highways were completed that year and added to the road systems of the eleven Western states or were under constrution on December 31, 1922. The cost of this great public improvement, a survey shows, amounted to $62,035,217.43.

California improved the greatest mileage of roads, having a total of 1,481.1 miles at a cost of $18,574,373.73. Oregon took second rank in mileage constructed with 1,299.4 miles costing $13,258,371.08, and Colorado was third with 1,296 built at a cost of $5,954,346.69. Although third in mileage, Colorado was outranked in expenditures by Idaho, this state having built, or put under construction, 680 miles of road, costing $6,830,000.

Wyoming led her ten sister states in graded road construction with 531.25 miles of this type. Oregon following with 523.70 miles and California with 477.10. Colorado with 730 constructed the greatest mileage of gravel and crushed rock surfaced highways. Oregon surfaced 647.30 miles with this material and New Mexico 415.60 miles. Asphaltic concrete found a champion in California, which surfaced 253.40 miles of the state system with "black base." Oregon built 102 miles and Wyoming 18 miles of this type.

A total of 2,645.52 miles, or more than a third of the 7,428.19 miles constructed, were graded roads. Almost half of the 3,457.14 miles of the roads completed or under construction were gravel or crushed rock surfaced. The balance of the construction consisted of hard surfacing.

Grand Canyon To Be Surveyed— Plan To Utilize Colorado River

The problem of developing the waters of the Colorado River for irrigation and power and to lessen danger from floods in Imperial Valley, is arousing great general interest. The first thing needed in connection with any such development is a survey, but a 300-mile stretch of this 1500 mile river, including the ruggedest part of the Grand Canyon, has not yet been surveyed in any detail. The surveying and mapping of this stretch, which includes the dangerous gorges of the Marble and Grand Canyons, will be started on August 1, it is announced by the Department of the Interior. This part of the river's course, which is crowded with bad rapids that swirl between steep rock banks, has been traversed on only six previous occasions. It as first explored in 1869, by Major John W. Powell, later director of the Geological Survey. The present party of engineers and geologists of the Geological Survey will make a trip by boat from Lees Ferry through the canyons to the mouth of the Virgin River, in Arizona, a distance of about 300 miles, and will make records of the slope of this entire stretch of the river and of the topography.

The Colorado, one of the great rivers of the country, is often called the Nile of America. It drains nearly 250,000 square miles, an area equal to that of the Atlantic Coast States from Maine to Georgia. The highest points in its basin are he peaks of the Continental Divide, which stand more than 14,000 feet above sea level, and a part of its water finds its way into Salton Sea, in southern California, which lies more than 250 feet below sea level.

Stretches aggregating about 1200 miles on the Colorado and its principal fork, Green River, and several hundred miles on other tributaries have already been surveyed and mapped by the Geological Survey, and these stretches, together with the 300-mile stretch to be surveyed his year, extend continuously from the town of Green River, Wyo., on Green River, and from Grand Junction, Colo., on Colorado River, to the Mexican boundary. The results of these surveys are shown on a continuous river map in sheets of convenient size, generally on a scale of 2 inches to the mile.

Detailed examinations are to be made of possible dam sites, which will be considered from both the engineer's and the geologist's point of view. Four boats of special type have been constructed to stand the rack and strain of the work in the canyons, and each member of the party will be equipped with life preservers. The boats will be manned by skilled boatmen, all of whom have had experience in the rapids of the Colorado. The rapids in this 300-mile stretch form some of the wildest water in the United States, and the members of the party are prepared tor thrilling experiences. Every precaution has been taken for their safety and for the protection of the surveying and photographic apparatus.

Part of the outfit includes a special radio receiving equipment, and arrangements have been made with the Los Angeles Times and the Deseret News of salt Lake City to broadcast items of interest to the party, which in turn will send out bulletins by courier at the trail crossings. The radio outfit consists of a standard regenerative receiver with two steps of amplification, modified in the instrument shop of the Geological Survey to meet conditions which may be expected in the canyon. The antenna wire 150 feet in length is carried by the party on a small reel to facilitate winding on moving camp. Considerable static trouble is expected, owing to the frequent thunderstorms in August and September, but the party nevertheless expects to be able to receive most of the messages. As a matter of fact, word was received that the party at Lees Ferry late in July before the expedition started down the Canyon was able at 9 p. m. to hear radiophone messages from Los Angeles, a distance of 430 miles.

The real test, however, will come when the party is in the canyon, for at some places the depth below the rim is more than a mile. This is particularly true at El Tower, the principal tourist point of the canyon. From here Los Angeles is 390 miles distant by air line.

The party will consist of ten men—C. H. Birdseye, chief topographic engineer of the Geological Survey, in charge; E. C. La Rue, hydraulic engineer; R. C. Moore, geologist; and R. W. Burchard, topographer—all of the Geological Survey—and E. C. Kolb, head boatman; Lewis R. Freeman, Leigh Lint, and H. E. Blake, Jr., boatmen; F B. Dodge, rodman; and Frank Work, cook.

The Grand Canyon section of the Colorado was first crossed in 1776 by Father Escalante a Spanish missionary. Little development took place in the basin, however, until it became a part of the United States, near the middle of the last century. Prior to the Civil War the 300 miles up from the mouth of the river to the Needles had been explored, and a few small steamers plied a somewhat uncertain trade on these lower reaches. In 1869 Major Powell made his trip of exploration by boat through the 1000 miles or more of river and canyon from what is now the railroad station of Green River, Wyo., to the mouth of the Virgin River, Ariz. At that time there were rumors of great waterfalls, passages of the river through underground tunnels, and other like terrors. Powell disproved these rumors, and although his party encountered dangerous rapids and smashed one boat, no lives were lost on the river. Three of his party who left the river near the lower end of the Grand Canyon were killed by Indians.

Building News Section

APARTMENTS

neral Contracts.
ARTMENTS Cost, $125,000
N FRANCISCO, N W Geary and Leavenworth Streets.
e-story steel frame and concrete apartment building (33 two-room apartments)
ner—Miss Annie Driscoll.
hitect — Sylvain Schnaittacher, 233 Post St., San Francisco.
neral contract awarded to Wm. Martin, 180 Jessie St. $77,670.
ctrical work to American Elec. Eng. Co., 1723 Polk St., $3950.
nting to Maundrell & Bowen, 320 Hayes St., $5500.
nting to Scott Co., 243 Minna St., $3685.
mbing to Frank J. Klimm., 221 Oak St., $12,517.
uctural Steel to Golden Gate Iron Works, 1541 Howard $12,600.

npleting Plans.
ARTMENTS Cost. $25,000
N FRANCISCO. Francisco St., bet Polk and Larkin Sts.
o-story and basement frame duplex apartment building.
ner—Withheld.
hitect — Wm. E. Milwain, Pacific Bldg., Oakland.

s Being Taken For Common and Pressed Brick.
ARTMENTS Cost, $115,000
N FRANCISCO, SW Sutter and Leavenworth Streets.
story and basement concrete (23) apartments.
ner—L. B. Ham, Rm. 502, 119 Sutter St., San Francisco.
l contract awarded to The Golden Gate Iron Works, 1514 Howard St., San Francisco.
ncrete foundations to L. Vanucci.

npleting Plans.
BLDG. Cost—
FRANCISCO, N Sutter W Hyde.
sto. reinforced concrete apartment building.
ner—Louis Blum, 180 Jessie St., San Francisco.
hitect—C. O. Clausen, Hearst Bldg., San Francisco.
ds will be taken by the owner.

liminary Plans Being Prepared.
RE ETC. Cost, $60,000
KLAND, Broadway near Technical High School.
lee-story frame, brick veneer and stucco store, office and apartment building.
ner—Dr. M. Elgarten, 1247 1st Ave Oakland.
hitect—Williams & Wastell, American Bank Bldg., Oakland.

tract Awarded.
ARTMENTS Cost, $45,000
FRANCISCO, W Mason St., 87-6 S Bush.
-story and basement concrete (10) apartments.
ner—Nellie E. Reilly, 752 4th Ave., n Francisco.
hitect—Jas. F. McGuinness Jr., Phelan Bldg., San Francisco.
tractor—Frank J. Reilly, 752 4th Ave., San Francisco.

Plans Complete.
APARTMENTS Cost, $14,000
BERKELEY, 2636-38 Regent.
Two-story 16-room apartments.
Owner—P. H. Franks, 2839 Ellsworth St., Berkeley.

Contract Awarded.
APARTMENTS Cost, $16,800
OAKLAND, SE Garland & Fairmont.
Two-story frame 12 apts. and garage.
Owner—L. Olsen, Concord.
Contractor—Tranmal & Bradhoff, 483 Crescent St., Oakland.

LOS ANGELES, Cal.—A. B. Crist, 6654 Hollywood Blvd., has prepared plans and will erect a two-story brick store and apartment building on Pico St., between 5th and 6th Aves., for D. Brodkey, 1815 Morgan Pl. Dimensions, 145-70 ft., brick walls, pressed brick facing plate glass windows, steel beams, composition roofing, pine trim, oak floors, wall beds, tiled baths, water heaters, gas radiators. Cost, $45,000.

SAN PEDRO, Cal.—William Durr, San Pedro, has comprised plans for a three-story and basement apartment house, 80x122 ft., costing $80,000, which will be erected on Tenth St., bet. Grand Ave. and Pacific Ave., by Julian Cheroska, owner. There will be 43 apartments with elevator service. Work will be done by the day under the owner's supervision. A permit has been issued.

LOS ANGELES, Cal.—Architect H. H. Whiteley, 5912 Hollywood Blvd., has prepared plans for a 40-room 16-apt. building to be erected on Pasadena Ave. near Avenue 35 for L. A. Rock & Gravel Co. Two-story, 145x62 ft., frame and plaster construction, shingle roofing, pine trim, oak floors, wall beds, tiled baths, water heaters, gas radiators. Cost, $60,000.

LOS ANGELES, Cal.—Architects Walker & Eisen, 325 Pacific Finance Bldg., have prepared plans for a four-story and basement Class C brick apartment house to be erected on Ardmore Ave. between 6th St. and Wilshire Blvd. for the Ardmore Corp. It will contain 50 rooms, 18 apts., 103x75 ft., pressed brick and cast stone facing, composition roofing, pine trim, oak floors, tiled baths, wall beds, steam heating, elevator, refrigerating system, lockers. Cost, $120,000.

FRESNO, Cal. — Theodore Booras, merchant, has purchased through W. G. Wharton Co., property 50x150 ft., on F St., bet. Fresno and Merced Sts. A two-story brick fireproof store and apt. bldg. will be erected at once. Cost $35,000.

RICHMOND, Contra Costa Co., Cal.—Louis De Gregorio, painting contractor, Richmond, has purchased three lots adjacent to his store building in Thirteenth street, and plans the erection of a store and apartment house. No plans have been made for the structure.

PORTLAND, Ore.—Architects Claussen and Claussen, Macleay Bldg., preparing plans for 3-story and basement concrete and tile cast stone, 50 by 100 ft. apartment house to be erected at E-15th and E-Madison Sts.; est. cost, $37,500; will contain 14 3-room apts.

BONDS

OROVILLE, Butte Co., Cal.—Election will be held Aug. 22 in Clipper Mills School District to vote tax of $1,025 to finance construction of new school. Trustees of district are: W. J. Schultz, C. F. Adams and L. J. Woolley.

FRESNO, Fresno Co., Cal.—Election will be held Aug. 30 in Big Sandy School District to vote bonds of $2500 to finance school improvements. Trustees of district are: H. L. Wheeler, J. M. Cavin and R. E. Quick.

LODI, San Joaquin Co., Cal.—Election will be held Aug. 28 in Woods Grammar School District to vote bonds of $7500 to finance school improvements. Trustees of district are: Lanetta Henry, Geo. M. Bancroft and E. M. Journeay.

GONZALES, Monterey Co., Cal. — Bonds of $80,000 voted in Gonzales Union High School District to finance improvements.

MARYSVILLE, Yuba Co., Cal.—Election will be held Aug. 24 in Feather River Union School District to vote bonds of $30,000 to finance school improvements. Trustees of district are: G. W. Parsons, John H. Hansen, Geo. A. Shaver, W. A. Beard and C. O. Mann.

ORLAND, Glenn Co., Cal.—Election held in McIntosh School District to vote bonds of $3900 to finance construction of new school failed to carry.

EUREKA, Humboldt Co., Cal.—Election will be held Aug. 27 in Fields Landing School District to vote bonds of $10,000 to finance school improvements. Trustees of district are: S. Peterson, W. C. Rhodes and W. S. Atwell.

ROSEDALE, Kern Co., Cal.—Election will be held Aug. 30 in Rosedale School District to vote direct tax of $1,500 to install heating plant and purchase furniture for school. Trustees of district are: Peter Heimforth, A. L. Renfro and Reginald T. Waters.

VISALIA, Tulare Co., Cal. — County supervisors sell $5000 bond issue of Rocky Hill School District for premium of $335; proceeds to finance construction of new school.

MERCED, Merced Co., Cal.—County supervisors sell $15,000 bond issue of Madison School District for premium of $824 and $11,000 issue of Mitchell School District for premium of $321. Proceeds of sale in each instance to finance school improvements.

CHURCHES

HOLLYWOOD, Cal. — Archt. H. M. Patterson, 325 O. T. Johnson Bldg., has completed plans for a new church bldg. to be erected at Hollywood, for the First Presbyterian Church of Hollywood. It will have an auditorium to seat about 1400 people, classrms., social hall, kitchen and rest rms.; masonry constr., 2-sto.; $140,000. Bids to be taken soon.

IGNI-SALVOR
Best Wood Preserver (REGISTERED)
Gal. Bbl. 00 Gal. Contains 60% Crude Carbolic Acid in Insoluble Form
AL. CANS 25 Net O.B. SF
Douglas Woodhams & Co.
24 CALIFORNIA ST SAN FRANCISCO, CALIF
PHONE SUTTER 5917

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

Low Bidder—Construction Postponed.
PARISH HOUSE Cost, $20,000
OAKLAND, Alameda Co., Cal. Grand and Montecito Ave.
Frame and brick veneer parish house, 40 by 75.
Owner—St. Paul's Episcopal Church, Bay and Montecito Ave., Oakland.
Architect — Benj. G. McDougall, 381 Bush St., San Francisco.
The lowest bid was submitted by A. J. Marshall, 6320 Florio St., Oakland, at approximately $25,000. Construction will be postponed.

ONTARIO, Tulare Co., Cal.—A meeting of the congregation of the First Christian Church has been called for Aug. 12, to act on the recommendation of the board of trustees that the plans prepared by Archt. Robt. H. Orr, 1305 Corporation Bldg., Los Angeles, for a new bldg., be accepted. It will have a seating capacity of 800; brick constr., faced with brick; cast stone trim, marble and tile baptistry; comp. rfg., art glass. Cost about $75,000. The proposed bldg. will be erected at A St. and Palm Avenue.

FACTORIES AND WAREHOUSES

Date of Opening Bids Postponed to Aug. 13, 1923, 10:30 A. M.
Plans Being Figured.
STORE & WAREHOUSE Cost, $35,000
SACRAMENTO, Cal. SW Fifth and R Streets.
One-story and basement brick store and warehouse, 80x160.
Owner—C. Ohmura.
Lessee—Sacramento Growers Market.
Architect—Woollett & Lamb, Mull Bldg Sacramento.
Plans are on file in the office of the Building and Engineering News, 818 Mission Street.

Work to be Started Shortly.
REFRIGERATOR Cost, $50,000 1st unit.
LODI, San Joaquin Co., Cal. Central and Railroad Avenues.
First unit of ice cream plant, refrigerator, etc.
Owner—Gloria Ice Cream Co., Oak and Aurora Sts., Stockton.
Architect—J. Frank Watson, 403 E. Pine St., Lodi.

Contractors To Take Sub-Figures Shortly.
SERVICE BLDG. Cost, $70,000
SAN FRANCISCO, E Guerrero 130 N 16th St.
One-story concrete service building.
Owner — National Ice Cream Co., 366 Guerrero St., S. F.
Engineer — Albert J. Mazurette, 366 Guerrero St., S. F.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Figures T. Be Taken In About Ten Days.
WAREHOUSE Cost —
SAN FRANCISCO, 9th and Brannan Sts.
Five-story and basement reinforced concrete warehouse 180x100.
Owner—Standard Sanitary Mfg. Co.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.
It has not been decided whether blds will be taken for a general contract or segregated.

Plans Being Figured.
FACTORY Cost, $——
LIVERMORE, Alameda Co., Cal. Chestnut St., bet. M and N Sts.
One-story tile factory, 40x60.
Owner—Oso Products Co. (E. F. Wells, Pres.), 1053 Mission St., S. F.
Architect—None.

Owner Taking Figures.
FACTORY Cost, $10,000
LIVERMORE, Alameda Co., Cal., Chestnut St., bet. M and N Sts.
One-story tile factory with concrete fls 40x60 ft.
Owner—Geo. Beck, J St., Livermore.
Lessee—Oso Products Co. (E. F. Wells, pres.) 1053 Mission St., S. F.
Architect—None.

Figures to be Taken in a Few Days.
LAUNDRY $40,000
SAN FRANCISCO. Howard and Fallmouth Streets.
One-story reinforced concrete laundry building,90x160.
Owner—Hotel Owners' Association.
Architect—Meyer & Johnson, Bankers' Investment Bldg., San Francisco.

HERMOSA BEACH, L. A. Co., Cal.—John MacCready and F. M. Grannis, associated contrs, will start work within 2 weeks on the first units of the proposed silk mill for the Golden State Mill, Inc., E. J. Young, Pres. The first units will be the weaving and throwing rms. Cost of these structures will be $150,000.

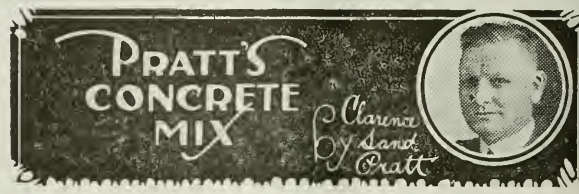
MADERA, Madera Co., Cal.—Brown & Stafford, Madera, have been awarded contract to erect packing plans for Buck Packing Co., will be 60 by 150 ft. New equipment will be installed.

VANCOUVER, Wash.—The Austin Co. Cleveland, Ohio, has been selected to superintend construction of the $1,000,000 paper plant to be erected for the Columbia Paper Mills Corp.

EDISON, Kern Co., Cal.—Hamm ar Grant, Inc., Industrial engrs., 607 Fe guson Bldg., Los Angeles, have con pleted plans and started constructic on an addition to the packing hou of the Edison Orange Growers Ass at Edison, Kern County. Addition packing house 20x100 ft., 1-story ar basement with wood frame sawtoot roof. Four additional sweating rm 50x60 ft. and installation of sweatir system. Rearrangement of entire pre ent sweating system. Also platform sheds and quarters for help.

SAN MATEO, San Mateo Co., Cal.-Clark and Klingman, shoe manufactu ers of Los Angeles, have purchase site 100 by 200 ft. at Date Ave. ar San Francisco Highway, just outsi San Mateo city limits and will pl early construction of the first unit a shoe factory.

OAKLAND, Cal.—The L. A. Young I dustries, Inc., of Detroit, has purchas five acres of land on the west side 73rd avenue, between the Southern P cific and Western Pacific right of wa East Oakland, and will construct gro of two-story concrete buildings.



PRESIDENT HARDING passed on.
• • •
WHILE MRS. Harding.
• • •
WAS READING a copyrighted article.
• • •
"A CALM View of a Calm Man."
• • •
FROM THE Saturday Evening Post.
• • •
BY SAMUEL Blythe, political writer.
• • •
THE ARTICLE paid a wonderful tribute.
• • •
TO OUR beloved President.
• • •
AND THE President.
• • •
WAS ENJOYING the article.
• • •
WHEN HE went to sleep.
• • •
FOR THE last time.
• • •
MR. BLYTHE told.
• • •
AMONG OTHER things.
• • •
HOW PEOPLE from New York.
• • •
TO THE Pacific Coast.
• • •
HAD CRITICIZED our President.
• • •
SOME VERY unfair things.
• • •
HAVE BEEN said.
• • •
SOME THOUGHT he played golf.
• • •
WHEN HE should be working.
• • •
OTHERS SAID he posed.
• • •
BEFORE THE camera too often.
• • •
HE WAS not dignified enough.
• • •
SOME MISINFORMED people.
• • •
TOLD MR. Blythe.
• • •
HOWEVER, MANY wonderful things.
• • •
WERE SAID about Mr. Harding.
• • •
A WONDERFUL, conscientious man.
• • •
BUT AS a whole.
• • •
PEOPLE CRITICIZED and criticized.

SO CLARENCE Sand Pratt, Preside
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
LEARNED A valuable lesson.
• • •
FROM READING the well-writt article.
• • •
BY MR. Blythe.
• • •
CLARENCE FROM the article.
• • •
COULD SEE how easy it is.
• • •
TO CRITICIZE a friend.
• • •
OR A public officer.
• • •
BE HE President, Mayor.
• • •
OR THE town constable.
• • •
AND IF all of us.
• • •
WILL NOTICE ourselves.
• • •
WE WILL find.
• • •
THAT WE find fault.
• • •
WITH THE other fellow.
• • •
WHEN PERHAPS.
• • •
HE IS doing a better job.
• • •
THAN WE could do.
• • •
WE FIND ourselves saying.
• • •
"BILL IS a fine fellow, but."
• • •
THEN MR. and Mrs. Hammer.
• • •
BEGIN THEIR work.
• • •
WHAT SANDY Pratt, producer.
• • •
OF CLEAN, sharp sand.
• • •
BELIEVES WE should say is.
• • •
"BILL IS a fine fellow, period."
• • •
THEN THE B. A. Booster family.
• • •
WILL BE in evidence.
• • •
"I THANK you."

PORTLAND, Ore.—Multnomah Trunk & Bag Co., Portland, will erect a new factory at Kearney and Thompson Sts., will be two-story and basement, 110x 209 ft. concrete construction. Plans are being prepared by the Austin Co.

SAN FRANCISCO—Board of Public Works has requested supervisors to adopt ordinance authorizing call for bids to erect paint shop in yard of the Department of Electricity.

LOS ANGELES, Cal.—The California Tube & Tire Co., Detwiler Bldg., has been organized and plans the erection of a factory to cost $1,500,000. Negotiations for a site are under way.

PITTSBURG, Contra Costa Co., Cal.—The Truson Steel Co., 709 Mission St., San Francisco, will erect a branch factory in Pittsburg near the Columbia Steel Company's plant. When construction will be started has not been decided.

EXETER, Tulare Co., Cal.—Chas. D. Pruner has started constructioo of a pre-cooling plant on his ranch just outside the city limits of Exeter, on the Santa Fe Railroad; will be 60 by 150 ft. with storage capacity of 18 cars. An ice manufacturing plant, with 25 tons daily capacity, will also be constructed.

LOS ANGELES, Cal.—H. M. Baruch, 444 I. W. Hellman Bldg., has the contract at about $65,000 to erect a factory building on Alosta St. near Ezra St., for the Acme White Lead & Color Works. Swasey & McAfee, 405 Hibernian Bldg., architects. One-story and mezzanine floor, 200x160 ft., brick walls, composition roofing, saw tooth roof constr., steel sash, steel rolling doors, cement floors, reinforced concrete vault, hydraulic elevator; office fixtures.

DAVIS, Yolo Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., S. F., has appropriated $94,800 to enlarge motor truck repair plant at Davis in addition to macadam roads, fences and yard improvements.

LOS ANGELES, Cal.—Archt. John M. Cooper, Marsh-Strong Bldg., is preparing plans for a 4-story class A loft bldg to be erected at n.e. corner of 11th and Santee Sts., for the Electric Corp. Dimensions, 55x150 ft., reinf. conc. construction, plas. exter., plate glass, steel sash, comp. rfg., elevator, spiral chute, gas htg.; $100,000.

FLATS

To be Done by Day's Work.
FLATS Cost, $13,500
OAKLAND, Alameda Co., Cal. E Walker Ave. 200 N Mandana Blvd.
Two-story 16-room frame flats.
Owner—E. Field, American Bank Bldg. Oakland.

Figures To Be Taken Next Week.
FLATS, ETC. Cost, $14,000
SAN FRANCISCO, S Bay 87-6 E Gough
Two-story and basement frame and stucco flats (2 5-room flats and garage, large billiard room and dressing room on roof.
Owner—R. E. Callahan.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

GARAGES

To be Done by Day's Work.
FACTORY & GARAGE Cost, $15,000
OAKLAND, Alameda Co., Cal. Twenty-sixth Ave. and E-12th St., Oakland.
Frame and galvanized iron enameling plant and a frame and galvanized iron garage for 12 cars.
Owner—Hammer-Bray Co.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.

Contract Awarded.
GARAGE & SHOP Cost, $65,000
OAKLAND, W Market St. 284 S 21st Street.
One-story concrete garage and shop.
Owner—W. E. Travis, 366 14th St., Oakland.
Architect—J. R. Miller, Lick Bldg., San Francisco.
Contractor—G. P. W. Jensen, 520 Market St., San Francisco.

Contract Awarded.
GARAGE Cost, $25,000
SAN FRANCISCO, S Bush 100 E Franklin.
Two-story and basement concrete garage.
Owner—Joseph Pasqualetti ,785 Market St., San Francisco.
Plans by owner.
Contractor—American Concrete Co., 785 Market St., San Francisco

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Until Aug. 21, 10:30 a. m., bids will be rec. by Purchasing Agent, Panama Canal, for fur. and del under Circular No. 1549, following materials: nickel steel pinions, guide bars, steel, nuts, valves, gasoline tank, pipe, centrifugal pump, steel rope pipe dies, files, door locks, hinges, ferrules, water-closet bowls, plate glass, plumbers, furnaces, lanterns, electric cable, electric wire, electric fixtures, battery renewals, red lead, yellow ocher, varnish, ethyl alcohol, pine tar oil, rosin, pitch, glue, blackboard, globes, pupils' desks and seats, brushes, hose, rubber gaskets, cocoanut fibre, oakum, packing, manila cable, rope, water coolers, measuring tapes, grease, cotton rags, etc. Further information obtainable from Asst. Purchasing Agent, Fort Mason, San Francisco.

ABERDEEN, Wash.—Until Aug. 23, 3 p. m., bids will be rec. by Supervising Architect, Treasury Department, for waterproofing exterior walls, cornices, etc., of Aberdeen postoffice. Plans obtainable from P. O. Custodian at Aberdeen of Supervising Architect at Washington.

BAKERSFIELD, Kern Co., Cal.—Bakersfield newspapers are advised by Senator Samuel Shortridge that plans have been approved by the Post Office Department for the proposed Bakersfield Post Office and bids will be asked immediately. Approximately $135,000 has been appropriated for the work. Only one-story will be erected at this time, plans have been designed for a foundation to carry additional stories to be erected at a later date.

SEATTLE, Wash.—Until Aug. 20, 11 a. m., bids will be rec. by Alaskan Engineering Commission, Bell Street Terminal, for fur. under Circular No. 618: track torpedoes, track bolts and shimming or track spikes. Further information obtainable from San Francisco office of the commission, Room 306 Customhouse.

OAKLAND, Cal.—Until Sept. 6, bids will be rec. by U. S. Engineer Office, Customhouse, San Francisco, for dredging in Oakland harbor. Further information on request.

SAN DIEGO, Cal.—Hipolito Screen and Sash Co., Los Angeles at $10,900, time for completion 45 days, awarded contract by Bureau of Yards and Docks Navy Department, to fur. and install screens in wards C and D and service buildings at San Diego Naval station. Work provided under Specification No. 4870.

WANTED

First class mill work estimator. Must be able to list from plans on large or small buildings and bill and detail special mill work for our factory in Stockton, California, employing about 25 men. Must have good selling ability. State experience, age, and salary wanted. Permanent position and advancement for one qualified.

Fisher Bros. Planing Mill
141-151 W. Channel St., Stockton
8-25

SAN FRANCISCO — See "Parks and Playgrounds," this issue. U. S. Eng. Office to sell fence materials, Aug. 16.

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Department, is completing plans for the following projects of interest to Pacific Coast contractors:

Specification 4894, Puget Sound, repairs to marine quarters 1, 2, 3, and 4, bids opened at yard.

Specification 4893, Puget Sound, interior painting in Marine Corps quarters, bid opened at yard.

Specification 4891, Honolulu, dredging, bids opened at yard.

Further mention of these improvements will be made when plans are further progressed.

WASHINGTON, D. C. — Bureau of Yards and Docks, Navy Department, abandons plans to construct a fuel oil storage plant at the Mare Island Navy Yard. Plant was to cost $130,000.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, for fur. and del. supplies to Navy Yards as follows: date for opening bids as noted at end of each paragraph:

Schedule 1156, Mare Island, 84 electric outlets, Aug. 31.

Schedule 1158, Mare Island, 6 testing generators, Aug. 21.

Schedule 1160, Puget Sound, 150,000 lbs. salt water soap, Aug. 28.

Schedule 1161, Mare Island, 1300 gals. black asphaltum varnish, Aug. 28.

Schedule 1164, east and west yards, miscellaneous tires and tubes, Aug. 28.

Schedule 1165, east and west yards, solid rubber tires, Aug. 28.

Schedule 1167, Mare Island, 130,000 lbs. bituminous enamel and 1000 gals. primer, Aug. 28.

Schedule 1169, Mare Island, 24 refrigerators, Aug. 28.

Schedule 1170, Mare Island and Puget Sound, 280 reams emery cloth, Aug. 28.

Schedule 1172, Mare Island, 12,000 sq. ft. copper wire cloth, Aug. 28.

Schedule 1173, Mare Island, 4350 gals turpentine, Aug. 28.

Schedule 1175, Mare Island, 50,000 lbs blanc fixe, Aug. 28.

Schedule 1184, San Diego, miscellaneous machine tools, Aug. 28.

Schedule 1186, Brooklyn, 10,530 lbs. connecting rods, Aug. 21

Schedule 1187, Mare Island, 13,800 ft. steel wire rope, Aug. 28.

Schedule 1188, Puget Sound, 4000 deck scrubbing brushes, Aug. 28.

JUNEAU, Alaska—Until Aug. 31, 10 A. M., bids will be rec. by U. S. Engineer Office to construct breakwater at Wrangell, Alaska, approx. 300 ft. long involv. 10,000 cu. yds. rock. Rock is available at nearby quarry.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.
LODGE BLDG. Cost, $75,000
TULARE, Tulare Co., Cal.
Two-story and basement brick lodge bldg. with roof garden (pressed brick and terra cotta exterior).
Owner—Elks Lodge of Tulare (bldg. com. F. J. Heid Jr., F. F. McMurry and Leonard Pratt).
Architect—Swartz & Ryland, Rowell Bldg., Fresno.

Plans Being Prepared.
FRATERNITY HOUSE $40,000
BERKELEY, Alameda Co., Cal., Ridge Road and Le Conte St.
Two-story frame and brick veneer fraternity house.
Owner—Alpha Delta Phi Fraternity.
Architect—Stafford L. Jory, care J. Galen Howard, 1st Natl. Bank Bldg. San Francisco.

PLACERVILLE, El Dorado Co., Cal.—H. A. Handren, Sacramento, at $15,557 awarded contract by county supervisors to erect American Legion Clubhouse. Frederick S. Harrison, Architect, People Bank Bldg., Sacramento.

FRESNO, Fresno Co., Cal.—Eagles Building Association (Fraternal Order of Eagles) contemplate the sale of the present building site at M and Fresno streets and proposed to purchase new site on which will be erected a modern lodge and club building. The size of the proposed structure has not yet been determined. Building association consists of: Roy Harrington, president; A. Anderson, vice president; Mark P. Hall, treasurer; Carl York, secretary; John Roth and Michael Sullivan, directors.

HOSPITALS

Plans Being Figured—Bids Close Sept. 4, 1923, 11 a. m.
OLD PEOPLE'S HOME Cost $150,000
STOCKTON, San Joaquin Co., Cal., Co. Hospital site.
Two-story class B Old People's Home building.
Owner—San Joaquin County.
Architect—Ralsh P. Morrell, 41 S Sutter St., Stockton.

SAN JOSE, Santa Clara Co., Cal.—See "Power Plants," this issue.

SAN PEDRO, Cal.—Archt. Edward Cray Taylor and Ellis Wing Taylor, 713 W 8th St., are preparing plans for a 40-bed hospital to be erected at n.w. corner Patton and 7th Sts., San Pedro for the Harbor Hospital Assn. Frame and plas. constr., 1-sto. and basement tile and comp. rfg., cem., O. P. and tile fls., gas rads., metal lath, incinerator, metal skylights, aut. water htrs., plate and wire glass, steel sash, terrazzo fls.; operating rooms, 2 wards and 24 private rooms; cost $45,000.

SALEM, Ore. — Chicago Bridge and Iron Works, at $58,020 submits low bid to State Board of Control for fur. and installing 50,000 gal. hemispherical bottom steel water tank, steel tower and foundation at state institution for feeble minded, Salem. Other bids: Illinois Steel Co., $64,012; Pittsburg-Des Moines Steel Co., $70,176.

W. S. Bunce, low bidder at $47,114 to fur. and install heating plant includ. all steel and plumbing pipe, 2 water tubes boilers, auxiliary apparatus, complete, in same institution.

Waale and Shattuck, at $42,559 submits low bid to install heating plant in same building.

SAN JOSE, Santa Clara Co., Cal.—Henry A. Pfister, county clerk, will ask bids at once for furnishings in new east wing of Santa Clara county hospital.

HOTELS

Preliminary Plans Being Prepared.
HOTEL, ETC. Cost, $——
SAN MATEO, San Mateo Co., Cal. Cor. A and Third Avenue.
Class A theatre and hotel building (130 rooms).
Owner—Rep. by C. P. Meehan, San Mateo.
Architect—H. L. Stevens, 433 California St., San Francisco.

RENO, Nevada—Reno Hotel Company has been incorporated with a capital stock of $500,000. Purpose of the company is to erect a new hotel building in Reno. Incorporators are: S. M. Pickett, J. H. Gray, S. W. Mazingo, E. W. Cheney, E. F. Lunsford, C. E. Clough, H. M. Parish, W. H. Johnson, William E. Brown, J. E. Horgan, J. W. Blum, Alfred Doten, P. Y. Gillson, W. W. Conant, M. D. Fairchild, Dr. A. Parker Lewis, R. M. Preston and Earl W. Hart.

ORANGE, Orange Co., Cal.—Arthur T. Hesse, 1117 Hollingsworth Bldg., is preparing plans and has the contract to remodel a 3-story class C hotel bldg. at Orange, for Guy Richards and Roy Smith. It will contain 7 stores, 54 rms., and 17 apts. New plas. exter., tile and comp. rfg., steam htg. system, aut. elec elevator, tile baths, wall beds, hardwd. O. P. and cem. fls., the bldg. is 124x124 ft., there will also be a cafe, dining room and banquet hall to seat about 300 people; cost $125,000.

NOGALES, Ariz.—Plans to erect the new $750,000 hotel on the site of the present Montezuma hotel in Nogales, Ariz., have been postponed until after January 1, according to L. J. F. Iaeger, well known San Diego hotel operator, formerly located in Tucson. Plans for the new structure in Nogales were announced some time ago and were expected to be under way within the immediate future. Mr. Iaeger declared that excellent business conditions which have occurred in Nogales have caused the lease of the present management of the Montezuma Hotel to be extended until January 1, with the result that actual work will not start upon the new building until after that date.

COMPTON, L. A. Co., Cal.—Lawrence Burck Constr. Co., 714 S Hill St., Los Angeles, has been awarded contr. to build the new Southland Hotel on Wilmington St. by J. W. Cope, one of the members of the company recently organized to build the structure. The bldg. will contain stores and offices on the ground floor with 60 rms above. The lobby and dining room will each be 30x60 ft. Heating will be by low pressure steam and there will be 30 rms with bath. Work has not been started. Mrs. Harriet Catlin, formerly of Chicago, will be the proprietor.

GLENDALE, Los Angeles Co., Cal.—Architect Alfred F. Priest, 715 Fay Bldg., Los Angeles, has been commissioned to prepare plans for a hotel building at California St. and Brand Blvd., Glendale, for the Glendale Hotel Co., Inc. Preliminary sketches provide for a four-story Class A or Class B "H" shaped building on a site 103 ft. frontage on Brand Blvd., and a depth of 150 ft. Brick walls, stucco exterior, 11 stores and lobby on first floor, the upper stories to be divided into single hotel rooms and apartment suites. Estimated cost, $300,000.

SAN LUIS OBISPO, Cal.—Lawrence Burck Constr. Co., 3rd fl., 714 S Hill St., L. A., has the cont. to erect a new hotel bldg., at cor. Osos and Higuera Sts., San Luis Obispo, for a company headed by H. H. Carpenter. It will be reinf. conc. constr., 5-story and basement, 84x173 ft., comp. rfg., brick, plate glass, elevators, steam htg., there will be stores, lobby and offices on the first fl. with rooms above, each to have bath; $500,000.

ICE AND COLD STORAGE PLANTS

PORTLAND, Ore.—Public Dock Commission will ask bids at once to install refrigeration apparatus in one unit of the ventilated storage warehouse at Municipal Terminal No. 4; unit will have capacity of 160,000 boxes.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

POWER PLANTS

Steel and Mechanical Equipment Bids Being Taken.
BUILDING Cost, $250,000
SAN FRANCISCO. Stevenson St., between 5th and 6th Sts.
Steel frame and reinforced concrete building for steam plant, 70x100.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Engineering Dept. of Owner
Bids are being taken for the structural steel, tanks, mechanical equipment, etc. The excavation and foundation will be done by the company's force.

It will be equipped with 1575 horsepower steam boilers. There will also be suitable shop provided together with locker rooms, etc.

Preliminary Plans Prepared.
SUB-STATION Cost, $——
SAN FRANCISCO. Location not decided.
Electric sub-station (reinforced concrete and steel construction).
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of Owner.

Plans Being Prepared.
SUB-STATION Cost, $280,000
OAKLAND, Alameda Co., Cal. 21st St. bet. Grove St. and Telegraph Ave.
Two-story reinforced concrete and steel frame sub-station, 75x90.
Owner—Pacific Gas & Electric Co., 145 Sutter St., San Francisco.
Architect—Engrg Dept. of Owner.

SELMA, Fresno Co., Cal.—San Joaquin Light and Power Co., Fresno, will construct a gas plant and install additional equipment in the Selma district. Company will expend between $25,000 and $30,000.

CASA GRANDE, Ariz.—Power Dist. No. 2 embracing the lands in this section, has voted a $354,000 bond issue to const. power line from Roosevelt dam. It is expected the state will appropriate an additional $50,000, and the towns of Casa Grande and Florence, $10,000 each. Steps will be taken immediately to put the bonds on the market so that the line may be in operation by the first of the year.

SAN JOSE, Cal.—Bids were opened and contracts awarded on August 6th by the supervisors of Santa Clara county for the construction of a reinforced concrete power plant and new power and light distributing system for County Hospital. Plans were prepared by Architects Binder & Curtis, 25½ S 1st St., San Jose.

Power Plant

D. J. Byron, 1249 Alameda, San Jose (awarded)	$18,731
R. O. Summers	18,731
Jorgenson & Cook	18,969
Sample & Cody, S. F.	20,845
Morrison Bros.	22,766

Mechanical Equipment

	Complete
J. E. O'Mara, 218 Clara St., S. F.	$86,761
Jas. Nelson, S. F.	87,393
Scott Co., S. F.	96,500
Studer, San Jose	105,712
W. K. Nottingham	106,000

Contract awarded to J. E. O'Mara at $78,166 omitting the fire apparatus.

SALEM, Ore.—See "Irrigation Projects," this issue. Applications filed with State Engineer for water right permits.

OROVILLE, Butte Co., Cal.—L. A. Bartlett, former mayor of Berkeley and interested in the Golden Feather power project, has submitted plans to city trustees for immediate construction of power plant above Oroville, on the Feather river. Golden Feather Company proposes to construct power plant in vicinity of McLaughlin dam, 2 miles above east bridge on Feather river; const. distributing system for city of Oroville; sell power to city at price affecting reduction from 10 to 20% and after 20 years to turn plant over to city without cost, provided the city will organize utility district and purchase power for a period of 20 years. Taken under advisement.

SAN JOSE, Santa Clara Co., Cal.—Roy M. Butcher, 68 South Willard St., San Jose, at $1426 awarded contract by county supervisors to install power and light distributing system in county hital. Other bids: C. A. Quilty, $7041; U. . Kammerer, $6750; Butte Electric, $872.

PUBLIC BUILDINGS

STOCKTON, San Joaquin Co., Cal.—I. D. Murphy, chief of fire dept. recommends construction of new fire engine house at Stanislaus and Lindsay Sts.

PETALUMA, Sonoma Co., Cal.—City Council petitioned to call election to vote bonds of $80,000 to purchase fire fighting apparatus and erection of new fire station.

MARTINEZ, Contra Costa Co., Cal.—F. J. Kennedy, Martinez, at $1650 awarded cont. by supervisors to fur. and install one 50-h. p. boiler in county hospital; delivered f. o. b. cars Martinez.

SEATTLE, Wash.—Until Sept. 12, 10 A. M., bids will be rec. by Regents of the University of Washington, Henry Bldg., Seattle, for fur. and del. cast stone for library building on University campus. Spec. obtainable from Cebb & Gould, Architects, Hoge Bldg., Seattle.

OLYMPIA, Wash.—Sound Construction & Engineering Co., Lowman Bldg., Seattle, at $780,000 awarded contract by State Capitol Committee to construct legislative buildings of state capitol group. Other bids were: Dougan & Chrisman, $785,236; Rounds-Clist Co., $793,265; Pratt & Watson, Olympia, $807,000.

BAKERSFIELD, Kern Co., Cal.—Until Aug. 20, 10 a. m., bids will be rec. by F. E. Smith, county clerk, to furnish and install entrance doors and frames in Kern County courthouse, as fully described in official call for bids published in this issue. Cert. check 10% payable to county clerk req. with each bid. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—Until Aug. 29, 3 p. m., bids will be rec. by Bd. Pub. Works, to repair elevators in public buildings; est. cost $18,000. Bond of $500 required of successful contractor. Work to start 5 days after award of contract and completed within 270 days. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall.

LONG BEACH, L. A. Co., Cal.—City Council, Long Beach, has authorized City Manager Windham to employ Parker O. Wright and Francis H. Gentry, 5-16 Marine Bank Bldg., Long Beach, and 1133 Central Bldg., Los Angeles, as architect and engineers to prepare plans for the new memorial auditorium. Horace Austin, 22 First Natl. Bank Bldg., and Piper & Kahrs, 38 Locust Ave., Long Beach, will be consulting architects. A bond election will be held in October for an amount probably between $2,000,000 and $3,000,000.

MADERA, Madera Co., Cal.—Diebold Safe Co., San Francisco at $2325 awarded contract by supervisors to furnish manganese safe for county treasurer's office; with allowance of $1000 for old safe, making net price $1325.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $17,300
BERKELEY, Lot 1 Blk 2 Kellogg Pptv
Two-story and basement frame residence (except heating, wall tinting electric fix., lamp and glassware)
Owner—H. C. Macauley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—C. Texdahl, 5375 Belgrave Place, Berkeley.

Plans Being Revised—To be Refigured.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. Arlington Avenue.
Two-story frame and plaster residence.
Owner—S. M. Ray.
Architect — Chas. W. McCall, Central Bank Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $13,247
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence.
Owner—Dr. M. B. Wesson.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco.

Permit Applied For.
RESIDENCE Cost, $30,000
STOCKTON, San Joaquin Co., Cal. No. 1215 N-Edison Street.
Residence.
Owner—Mrs. B. W. Dohrman, 920 E-Market St., Stockton.

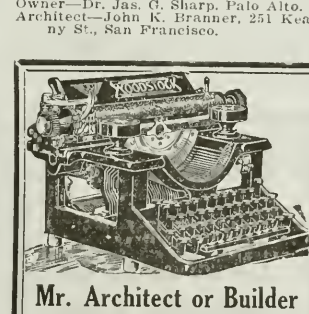
Contract Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO, Lake Street.
Two-story frame and plaster residence.
Owner—Shepherd French, 114 Sansome St., San Francisco.
Architect—H. H. Gutterson, 298 Post St., San Francisco.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $30,000
SARATOGA, Santa Clara Co., Cal.
Two-story frame and stucco residence with terra cotta tile roof (12 rms).
Owner—Withheld.
Architect—Williams & Wastell, American Bank Bldg., Oakland.
The grounds will be landscaped.

To be Done By Day's Work.
RESIDENCE Cost, $10,000
SAN MATEO, San Mateo Co., Cal. San Mateo Park Lot 277.
Residence.
Owner—Leadley & Wisnom, 207 2nd St., San Mateo.

Contract Awarded.
RESIDENCE Cost, $20,000
PALO ALTO, Santa Clara Co., Cal. University Grounds.
Two-story frame and stucco residence with tile roof.
Owner—Leland Stanford Jr. University.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
Contractor—Osborn & Knight, Mt. View Calif.
The new house will be constructed with funds provided by the university's pension fund and will be occupied by Dr. and Mrs. David Starr Jordan during their lifetime.

Plans Being Figured.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco residence with tile or shingle roof (8 rooms and garage).
Owner—Dr. Jas. G. Sharp, Palo Alto.
Architect—John K. Branner, 251 Kearny St., San Francisco.



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

Plans Being Prepared.
RESIDENCES Cost, $——
SAN MATEO, Cal. Gazenwood Tract.
Ten residences to contain 6 to 9 rooms and garages each.
Owner—S. A. Born, San Mateo and 660 Market St., San Francisco.
Architect—Owner.

SCHOOLS

Plans Being Figured.
GYMNASIUM Cost, $65,000
SAN FRANCISCO, State Teachers College.
Two-story reinforced concrete gymnasium with tile roof and steel sash.
Owner—State of California.
Architect—Geo. B. McDougall, Division of Architecture, Forum Bldg., Sacramento.
The first floor will contain lockers, shower rooms, offices, etc., and the second floor two gymnasiums with maple floors and open terrace.
See official proposal in this issue.

Commissioned To Prepare Plans.
SCHOOLS Cost, $500,000
SAN RAFAEL, Marin Co., Cal.
High School and grammar schools.
Owner—San Rafael School District.
Architect—Shea & Shea, Chronicle Bldg San Francisco.
The high school will be 2-story reinforced concrete or brick structure with pressed brick and terra cotta exterior to cost $250,000 to $300,000.
Short School to cost approximately $50,000; "B" street school to cost $75,000.
Gymnasium and auditorium addition to present high school, which will become a grammar school, will cost approximately **$40,000.**

Plans Being Figured.
ADDITION Cost, $7000
LINCOLN, Placer Co., Cal.
One-story frame addition to gymnasium.
Owner—Lincoln High School District.
Architect—Woollett & Lamb, Mull Bldg Sacramento.

Figures To Be Taken About Sept. 1st.
COLLEGE BLDGS. Cost, $600,000
STOCKTON, San Joaquin Co., Cal.
Group of 7 2-story concrete, brick and wood college buildings with terra cotta trim and **slate roofs.**
Owner—College of the Pacific.
Managers of Construction—Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Architects—See following note.
Science Building—Losekann & Crowdsley, Elks Bldg., Stockton, architect.
Dining Hall & Gymnasium—Stone and Warner, Belding Bldg., Stockton, architects.
Auditorium—Mayo, Cowell & Blissell, 21 S San Joaquin St., Stockton, architects.
Boys Dormitory, Girls Dormitory, Power House and Stadium, Davis-Heller-Pearce Co., architects.

Plans Accepted—Blds To Be Called For Shortly.
MANUAL TRAINING BLDG. $30,000
WOODLAND, Yolo Co., Cal.
One-story reinforced concrete manual training bldg. 200 ft. long.
Owner—Woodland High School District
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Commissioned To Prepare Plans.
SCHOOL Cost, $25,000
PERKINS, Sacramento Co., Cal.
One-story brick school (2 classrooms, stage, cloakroom, kitchenette and library).
Owner—Washington School District.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Contract Awarded.
RESIDENCE Cost, $27,600
BERKELEY, Alameda Co., Cal. Hotel Claremont Tract Ptn Blk 1, Berkeley Map No. 2.
Two-story and basement frame residence.
Owner—J. H. Balsdon, Colusa, Calif.
Architect—C. A. Tantau, 251 Kearny St., San Francisco.
Contractor—C. O. Bradhoff & E. Tranmal, 483 Crescent St., Oakland.

Plans to be Ready for Figures About September 1st.
SCHOOL Cost, $16,000
STOCKTON, San Joaquin Co., Cal. 12 Miles from Stockton.
One-story 2-room brick grammar school with tile roof.
Owner—Castle Rock School District.
Architect—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Preliminary Plans Being Prepared.
SCHOOL Cost, $——
ALAMEDA, Alameda Co., Cal.
Reinforced concrete or hollow tile high school building.
Owner—City of Alameda.
Architect—Carl Werner, Santa Fe Bldg., San Francisco.
Bonds to the amount of $1,000,000 were voted in December 1921.

Working Drawings Being Prepared.
ADDITION Cost, $150,000
PALO ALTO, Santa Clara Co., Cal.
Addition to brick and concrete school building.
Owner—Palo Alto Union High School District, Walter H. Nichols, Clerk
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.

OROVILLE, Butte Co., Cal.—Until Aug. 23, 1 P. M., bids will be rec. by W. J. Schultz, Clerk, Clipper Mills School District, to erect new school for which tax of $1025 will be voted to finance. Cert. check 10% payable to clerk req. Plans obtainable from clerk.

SAN FRANCISCO—Until Aug. 29, 3 p. m., bids will be rec. by Board of Public Works for equipment for shooting gallery and miscellaneous items for Mission High School addition; est. cost $2000. Further information obtainable from Bureau of Architecture, 2nd floor City Hall.

CORVALLIS, Ore.—Until Sept. 4, 8 p. m., bids will be rec. by Lee Thomas, architect, U. S. Bank Bldg., Portland, Ore., to erect 2-story and basement, 89 by 70 ft., concrete and cast stone school to be erected at Corvallis.

HUNTINGTON PARK, Cal.—Until 8 P. M., August 22, bids will be received by the trustees of Huntington Park Union High School District for erecting a new girls' gymnasium at the high school site. Bids will be taken separately on the general contract, electric work, plumbing and painting. Alfred W. Rea and Chas. E. Garstang, 905 Trust and Savings Bldg., architects. The building will be two-story, 100x100 ft., brick construction, selected common brick facing, composition roofing, pine trim, maple and concrete floors, locker rooms, etc.

BERKELEY, Alameda Co., Cal.—Until Aug. 14, 4 P. M., bids will be rec. by Clyde E. Blanchard, Secty., Board of Education, 2133 Allston Way, Berkeley, for supplying school furniture as per specifications on file in his office. Cert. check 10% payable to Berkeley Board of Educations req. with each bid Further information obtainable from secretary.

FRESNO, Fresno Co., Cal.—Sisters of the Holy Cross 2811 Mariposa St., Fresno, will have plans prepared for a girls' college ranging in cost from $250,000 to $350,000. Three sites are now under consideration and as soon as a selection is made an architect will be selected to proceed with working drawings for the structures.

SEATTLE, Wash. — Architect J. L. McCauley, New York Block, taking bids for general contract, heating & plumbing on 2-story brick and mill construction building to be erected at 2nd Ave. and Leonora Sts., for Wilson's Business College, 120 by 108 ft. Pressed brick and terra cotta exterior.

KEYES, Stanislaus Co., Cal.—Until Aug. 17, 8 P. M., new bids will be rec. by Frank E. Smith, Clerk, Keyes School District, to erect new school. Segregated bids are wanted as follows: (1) general contract; (2) electrical heating; (3) water system. Wallace H. Hubbert, Architect, L. C. Black Bldg., Modesto. Bids received for this work under last call were rejected as being slightly in excess of funds available. Low bid for general contract was submitted by Scranton & Sorenson of Hughson at $18,174. **See call for bids under official proposal section in this issue.**

MODESTO, Stanislaus Co., Cal.—Until Aug. 20, 8 P. M., bids will be rec. by Mary E. Roberts, Clerk, Laird School District, to construct and alter frame school building. Jas. H. Hoose, architect, Ramont Bldg., Modesto. Bonds of $20,000 voted for this work **See call for bids under official proposal section in this issue.**

MILL VALLEY, Marin Co., Cal.—Until Aug. 20, 12 M., bids will be rec. by Mary F. Seymour, clerk, Tamalpais High School, for fur. high school with following materials: lumber, fuel oil, furniture, glass, laboratory supplies, filters, tools, skylight, grading, etc. Further information obtainable from principal at high school.

SAN FRANCISCO—Until Aug. 29, 3 p. m., bids will be rec. by Bd. Pub. Works to construct Portola Primary school in block bounded by Goettingen, Somerset, Burrows and Bacon Sts. Bids are wanted for general construction, estimate cost $144,000, bond of $36,000 required of successful bidder; heating and ventilating $10,000; bond $2500; electric work, $6000, bond $1500; plumbing, $9000, bond $2250. Construction to be started 5 days after award of contract and completed in 360 days. Will be of frame construction. Plans obtainable from bureau of Architecture, 2nd floor, City Hall.

LOS ANGELES, Cal.—The architectural department of the board of education has completed plans for a new school building to be erected at 104th St. and Nebraska Ave. It will be two-story, 62x150 ft., brick constr., comp. shingle and comp. roofing, pine trim, maple floors, etc., $84,000. The board of education will advertise for bids shortly.

SAN RAFAEL, Marin Co., Cal.—Architect J. J. Donovan of Oakland and Architects W. H. Weeks and Shea & Shea of San Francisco have been selected by the Trustees of the San Rafael Union High School District to prepare priliminary plans for a new high school for which bonds of $500,000 were recently voted. The architects whose plans are rejected will receive $250 for their work, the architect of the accepted design to be commissioned to prepare working drawings for the structure.

LOS ANGELES, Cal.—Architects Allison & Allison, 1405 Hibernian Bldg., are preparing plans for a new gymnasium building to be erected at the high school site at Redondo. It will be 2-story, 50x80 ft., frame and plaster construction, comp. roofing, pine trim maple floors, shower and locker rooms Cost, $40,000.

YUBA CITY, Sutter Co., Cal. — Wm McFarland, Sutter, Calif., at $11,994 awarded contr by Sutter High School District to construct additions to gymnasium building. Dean and Dean, architects, City Library Bldg., Sacramento. Other bids: Davison and Nicolsen Stockton, $12,270; — Marders, Sutter $12,519; I. C. Evans, Marysville, $12,698; Campbell Construction Co., Sacramento, $12,742.

SAN FRANCISCO—Until Aug. 13, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, for fur tablet arm chairs for use of school dept. Further information obtainable from agent, 270 City Hall.

LOS ANGELES, Cal.—The architectural department of the board of education has completed plans for a school building to be erected at 38th St. and Compton Ave. It will be two-story, 60 90 ft., brick constr., comp. roofing, pine trim; $40,000. The board of education will advertise for bids shortly.

CALPELLA, Mendocino Co., Cal. — Until Aug. 16, 8 p. m., bids will be rec by F. C. Bull, Clerk, Occidental School District to construct Occidental school Cert. check 10% req. with each bid. Jos A. Leonard, architect, Ukiah, Calif.

LOS ANGELES, Cal.—Thos. J. Armstrong, San Pedro, was awarded the gen. contr. at $49,063 for erecting new bldg. at Barton Hill school site San Pedro. Other contrs were awarded as follows: Plumbing to Thos. Haverty Co. at $3250; heating to Franklin & Boyce at $4087; painting to Alhambra Wall Paper & Paint Co. at $1250; and wiring to Newberry Elec. Corp. at $21[illegible]

LOS ANGELES, Cal. — Witt & Ikl 5532 Central Ave., were awarded the gen. contr. at $33,527 for erecting new school bldg. at Alta Loma school site; Lester T. Squiers, archt. Other contracts were awarded as follows Plumbing to J. Hokom at $2780; heating to Thos. Haverty Co. at $7773; wiring to H. H. Walker at $933; and painting to J. S. Winvick at $895.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

PACIFIC GROVE, Monterey Co., Cal. —See "Streets and Sewers," this issue. Bids wanted for curbs, walks, gutters, etc.

LOS ANGELES, Cal.—J. C. Bannister, 903 N Mariposa Ave., was awarded the general contr. at $426,500 for erecting the new John C. Fremont high school bldg.; Edwin Bergstrom, archt. Other contracts were awarded as follows: Plumbing to W. W. Brooks at $33,434; painting to E. A. Lindgreen at $9360; and wiring to Graham Electric Co. at $18,940. Bids for heating were rejected.

BANKS, STORES & OFFICES

Plans To Be Prepared.
OFFICE ETC. BLDG. Cost $500,000
OAKLAND, Alameda Co., Cal., SW 19th St. and Telegraph Ave.
Eight-story class A office, store and theatre building.
Architect—Maury I. Diggs, 1901 Telegraph Ave., Oakland.
Owner—Arthur H. Breed et al.

OAKLAND — See "Apartments," this issue.

Contracts Awarded.
STORE AND LOFT Cost—
OAKLAND, Alameda Co., Cal., NW 11th and Clay Sts.
Two-story and basement reinforced concrete brick, cast cement and terra cotta store and loft building.
Owner—John Havens and Ethel Du Val and Mary J. Robinson.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
NOTE—Mary Robinson owns the corner portion of the building and John Havens and Ethel Du Val the balance therefor contracts were let separately as follows:
General contract to Alfred Vogt, 185 Stevenson St., S. F., at $53,868 corner and $41,670.
Glass to Cobbledick-Kibbe Co., $4374 corner, and $1612.
Elevators to Otis Elevator $1180 corner and $1180.

Sub-Figures Being Taken.
DEPARTMENT STORE Cost, $125,000
SAN FRANCISCO. W Mission St. near Twenty-second St., 130 ft. on Mission Street.
Reconstruct three-story and basement frame department store building (concrete walls, tile front, etc.)
Lessees—Wm. R. Davis & Bro., 2533 Mission St., San Francisco.
Owner—Kiel Estate.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., San Francisco.
Contractor — Stockheim & Son, Monadnock Bldg., San Francisco.

Plans To Be Prepared.
BANK BLDG. Cost, $—
SAN FRANCISCO, Cor. Montgomery & Clay Streets.
Remodel 1-story of 2-story concrete building for bank.
Owner—Bank Agency of Bank of Canton Limited, Hongkong, China. B. S. Fong, 463 Grant Ave., S. F., agt. The second floor will be occupied by the Mexican council.

Bids In.
ALTERATIONS Cost, $
SAN FRANCISCO. NO. 838 Market St: Extensive alterations to shoe store.
Owner—Sommer & Kaufman.
Architect—W. H. Toepke, Call Bldg., San Francisco.

Plans To Be Prepared.
OFFICE ETC. BLDG. Cost $500,000
OAKLAND, Alameda Co., Cal., SW 19th St. and Telegraph Ave.
Eight-story class A office, store and theatre building.
Owner—Maury I. Diggs, 1901 Telegraph Ave., Oakland.

Contract Awarded.
ALTERATIONS Cost, $29,000
VALLEJO, Solano Co., Cal.
Remodel Post Office building.
Owner—F. M. Muller, Vallejo.
Lessee—U. S. Government.
Architect—W. A. Jones, 403 Alameda St., Vallejo.
Contractor—Frank Lamb, 617 Ohio St., Vallejo.

Contracts Awarded.
ALTERATIONS Cost, $
SAN FRANCISCO, Mills Building, Bush and Montgomery Sts.
Alter corner store for bank branch.
Owner—Humboldt Bank.
Architect — Smith O'Brien, Humboldt Bank Bldg., San Francisco.
"Caen" stone and marble, ornamental ceiling, cork tile and marble floor, bronze and plate glass counter screen, marble check desks, walnut display window, revolving doors, acoustical treatment, etc.
Carpentry work, hollow tile, etc., awarded to Buschke & Brown, 185 Stevenson St., at $1814.
Bronze work to Sartorius Co., Inc., 15th and Utah Sts., San Francisco, at $4736.
Plastering, etc., to Martin Lyden, 180 Jessie St., at $2476.

LOS ANGELES, Cal.—H. S. Cahn and Chas. Shane, of Cahn, McCabe & Co., bond brokers, have secured a long-term lease on property at s.e. cor. of 7th and Spring Sts., and will erect a 12-story and basement class A store and office bldg. The site is 57.8x80 ft. The bldg. will be steel frame constr. with brick and terra cotta facing, elevators, and is to cost not less than $500,000. Morgan, Wall & Morgan, 1124 Van Nuys Bldg., consulting archts.

SAN BERNARDINO, Cal.—Lawrence T. Platt, of the Frank C. Platt Co., promoters of the new $500,000 hotel, is planning to erect a 3-story business bldg. costing $60,000 on E St., south of the new hotel site. W. S. Woodworth, of Pasadena, is preparing the plans. Spanish style architecture. Bldg. will contain the Platt company offices on the ground floor with offices for rental above.

MADERA, Madera Co., Cal.—Brown and Stafford, Madera, at approx. $30,000 awarded contract to erect one story brick store building at Yosemite avenue and C streets to be known as the "Stein Building."

MADERA, Madera Co., Cal.—Milton Gonzales, Madera, has purchased site in South C Street and plans the erection of a one-story brick or frame with stucco finish store building, approx. 50 by 100 ft.

COMPTON, Cal.—Archts. Edwin P. and Charles E. Norberg, 704 Union Bank Bldg., Los Angeles, have completed plans for a 3-story store, office and bank bldg., 66x110 ft. to be erected at Main and Tamarind Sts., for hte newly organized Bank of Compton. Structure will be of Corinthian design, with terra cotta exter. A first mortgage bond issue for $100,000 is being offered by the Citizens Mortgage Co., which guarantees the completion of the bldg.

THEATRES

SAN MATEO, Cal.—See "Hotels," this issue.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
EXCHANGE BLDG. Cost, $75,000
SANTA ROSA, Sonoma Co., Cal., 5th & Bush Streets.
Three-story reinforced concrete exchange building.
Owner—Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
Architect—Engineering Dept. of owner. Plans will be ready for figures in about two months.

Contractor Taking Sub-Figures.
UNDERTAKING PARLOR $40,000
SAN JOSE, Santa Clara Co., Cal., NW 18th and Santa Clara Sts.
Two-story concrete undertaking parlor building.
Owner—Hocking & Williams, 279 N 1st St., San Jose.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.
Contractor—Chas. Williams, 465 S 5th St., San Jose.

LOS ANGELES, Cal.—Bruin, Steed & Steed, Alhambra, have been awarded a contract at about $50,000, except painting and gas heating for erecting a 2-story and basement Class C building at 501 Boyle Ave., for the Volunteers of America. H. M. Patterson, 325 O. T. Johnson Bldg., architect. The building will contain dining hall and kitchen in the first story and an assembly room and helps' quarters in the second story; brick walls, 45x110 ft., composition shingle roofing, composition flooring, refrigerating plant, steam boiler for cooking, pine trim, pressed brick facing.

SAN JOSE, Santa Clara Co., Cal. — Wm. Martin, 456 Delmas St., San Jose, at $548, awarded cont. by supervisors to construct wooden bunker on Moody road; surveyor's estimate, $650. Other bids: Looman and Birnhall, $670; R. O. Summers, $548; R. Meyerholz, $618; Grant and Hart, $775.

(Continued on Page 20)

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Official Proposals

NOTICE FOR BIDS

(Extension of Malos, Etc., Paradise Irrigation District)

Sealed bids will be received by the Board of Directors of the Paradise Irrigation District at their office at Paradise, Butte County, California, until **10 a. m., Wednesday, the 22nd day of August, 1923,** at which time the said bids will be opened, for the following items or any part or parts thereof:

Part 1. Extension of Malos

Item A. Digging approximately 19,065 feet of 14-in. by 22-in. trench and backfilling same.
Item B. Digging approximately 5100 feet of 18-in. by 24-in. trench and backfilling same.
Item C. Furnishing approximately 780 feet of 2-inch, 10345 feet of 3-inch and 8720 feet of 4-inch standard black (or similar) pipe.
Item D. Furnishing approximately 5100 feet of soil-proofed riveted steel pipe in sizes 5-inch, 6-inch, and 7-inch.
Item E. Hauling all pipe and fittings.
Item F. Laying of all pipe and fittings
Item G. Constructing one "pressure-break" in accordance with specifications.

Part 2. Raising Magalia Dam

Item E. Excavation of approximately 3000 cu. yds. of earth and placing same on crest of the Magalia Dam.

Plans and specifications may be seen at the office of the said Board and copies may be obtained from the Superintendent. The right is reserved to reject any or all bids or to accept the bid or bids which are deemed to be to the best interest of the District.

By order of the Board of Directors of the Paradise Irrigation District. Dated July 30, 1923.

J. E. ALLEY, Superintendent.
G. C. BILLE, Secretary.

NOTICE TO CONTRACTORS

(Keyes School District)

NOTICE IS HEREBY GIVEN that sealed bids will be received and opened by the Board of Trustees of the Keyes School District, Stanislaus County, State of California, between the hours of **7:30 p. m. and 8:00 p. m., the 17th day of August, 1923,** in the office of the Board, Keyes Grammar School, in the Keyes School District, County of Stanislaus, State of California, for the construction of the Schoolhouse Building to be built on the property of the School District, County of Stanislaus, State of California, in accordance with plans and specifications made for the same by Wallace H. Hubbert, the authorized architect employed by the Board.

Segregated bids will be received on the work as follows:

1. General Contract.
2. Electrical Heating.
3. Water System.

Plans and specifications may be obtained at the office of the Architect Wallace H. Hubbert, L. C. Black Building, Modesto, California, or may be seen at the office of Frank E. Smith in the Keyes School District, County of Stanislaus, State of California.

All bids shall be presented on bid forms furnished by the Architect. Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than Five Per Cent (5%) of the amount of the bid made payable to Frank E. Smith, Clerk of the Board of Trustees of the Keyes School District, for the purpose stated in the specifications.

Each bid must be enclosed in a sealed envelope addressed to Frank E. Smith, Clerk of the Board of Trustees of the Keyes School District, and endorsed: "PROPOSAL FOR (name segregation) FOR KEYES SCHOOL BUILDING."

The Board reserves the right to reject any and all bids. The Board reserves the right to waive any or all irregularity in the bids submitted.

Bids must be delivered to the undersigned Clerk of the Board at Keyes at the time and place above stated or any time up to the hour of opening of said bids.

FRANK E. SMITH,
Clerk of the Board of Trustees of the Keyes School District, County of Stanislaus, State of California.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Entrance Doors—Kern County Court-House)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of the County of Kern, State of California, up to **10 A. M., of Monday, August 20, 1923,** for furnishing all labor and material for the erection and completion of entrance doors and frames, Kern County Court House, Bakersfield, California, in accordance with plans and this specification. Plans on file in the office of the Clerk of the Board and open for the inspection of bidders. Copies of said plans may be had at the office of Charles H. Biggar, Architect, 405 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision.

Specifications: Doors to be as detailed of standard construction, eighteen gauge metal, finish in baked enamel. Stipple Bronze finish, equal to those manufactured by the Forderer Cornice Works, San Francisco. Old hardware, now in place, to be replaced by temporary hardware on four doors, except hinges, present hardware to be sent to door manufacturers for fitting. Use existing plate glass. Fill in with metal frame so doors will swing out. All doors to be hung on the latest and best type of Rixon checking floor hinges, to open out. Surface bolts 3-8 inch by 5-8 inch on each door. Put brass thresholds under all doors. Sash to fit in screen doors to be made of selected white oak glazed with twenty ounce clear, A-1 glass.

Each bid must be accompanied by a cashier's or certified check or bidder's bond in the amount of at least ten per cent (10 per cent) of the amount bid, such check or bond to be made payable to the Clerk of the Board of Supervisors and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors and in addition thereto will furnish good and sufficient bond therefor.

The Board reserves the right to reject any and all bids not deemed advantageous to the County, and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted July 30th, 1923.

F. E. SMITH,
County Clerk and ex-Officio Clerk of the Board of Supervisors.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO BIDDERS

(City of San Mateo—Pumps, Etc.)

Notice is hereby given that sealed bids will be received by the City Council of the City of San Mateo up to 8:00 o'clock P. M., on **Monday, the 20th day of August, 1923,** for the construction of a re-inforced concrete pump chamber and the installation of two six-inch sewer pumps with automatic starter, and for the removal of old sewer pumps, motors, framework and iron pipe connected with former system.

The work above mentioned is to be done and installed at the Septic tank site on Baldwin Avenue extension in the said City of San Mateo.

All said work is to be done in accordance with plans and specifications therefor, adopted July 30, 1923, by said City Council. Each bid shall be accompanied by a certified check upon some responsible bank payable to the City of San Mateo, conditioned that the bidder will within ten (10) days award to him provide bonds for faithful performance and for payment of labor and material satisfactory to the City Council, on forms furnished by the City Engineer.

The council reserves the right to reject any or all bids.

Dated: July 31, 1923.
(SEAL).

E. W. FOSTER,
City Clerk and Ex-officio Clerk of the Council of the City of San Mateo.

NOTICE TO CONTRACTORS

(Big Bear Valley National Forest Highway—Extension

Sealed proposals for constructing an extension to the above named National Forest Highway located within the Angeles National Forest, County of San Bernardino, State of California will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 400 Bay Building, No. 9 Main Street, San Francisco, California, **until 2 o'clock P. M. on the 23rd day of August, 1923,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The project to be constructed is located about 25 miles northeast of San Bernardino, California. The length of the project is approximately 2.0 miles 18 ft. roadway. National Forest Highway Standards.

The principal items of work are as follows:

Items	
Clearing	The whole project
Excavation, unclassified	50900 cu. yds
Class "A" Concrete	75 cu. yds
Cement Rubble Masonry	64 cu. yds
Reinforcing Steel	9000 lbs.
Concrete Pipe	1222 lin. ft.
Hand Placed Embankment	100 sq. yds

OVER 1,000,000 SATISFIED OWNERS

THE BOOK OF KNOWLEDGE Helps Us

WHY?

IF THERE'S A THING YOUR CHILDREN WANT TO KNOW,
THE BOOK OF KNOWLEDGE
KNOWS IT;
IF THERE'S A PLACE THEY WANT TO GO,
THE BOOK OF KNOWLEDGE
SHOWS IT;
IF THERE'S A THING THEY'D MAKE OR DO,
THEY'LL FIND IT IN THE PAGES;
THE BOOK OF KNOWLEDGE
GIVES THEM
ALL THE WISDOM OF THE AGES.

One of the greatest educators of the age says:

"Let a child of ten read THE BOOK OF KNOWLEDGE 15 minutes a day for 3 years and he will know more than the wisest men knew a few generations ago."

The Book of Knowledge

The Children's Encyclopedia

10,000 Educational Pictures In Five Languages 350 Colored Plates

WHY YOU SHOULD OWN IT

Because it is the Greatest educational work for children ever published.

Because it is the most Interesting educational work in existence.

Because it contains that part of the accumulated wisdom of the world, important for a child to know, told in words he can understand and in a manner that will fascinate him.

Because it answers every question a child can ask, in simple language.

Because its editors and contributors have made what a child Wants to Know and what a child Ought to Know identical.

Because a saving of a few cents a day for a limited period will purchase it.

Because boys and girls read it eagerly, and its pages and pictures are so intensely interesting that while being delightfully entertained the children are unconsciously absorbing the most valuable information.

Because it has received unstinted praise from people who Know—educators, teachers, clergymen, professional and business men and women—and many thousands of "just average fathers and mothers."

Because the children themselves are unanimous in their liking for it and an educational work which pleases the children while Instructing them is the ideal of every teacher and parent.

F R E E

THE FREE SAMPLE BOOK contains many pages and pictures from the following interesting subjects: The Sun and His Family; How We Dig Up Sunshine; The World's Bread and Butter; How Men May Make Stone; The Marvel of Hearing; What Makes a Bee Hum; Animals That Work for Nature; The United Nation; Republics of South America, Etc.

Mail this FREE COUPON NOW

THE GROLIER SOCIETY,
Western Branch,
278 Post St., San Francisco, Calif.

Please mail free descriptive book containing specimen pages and illustrations from THE BOOK OF KNOWLEDGE, and explaining the use and meaning of the work.

Name .....

Address .....

BNE 7-21-23

MT. DIABLO CEMENT

A Contra Costa County Product. Awarded Gold Medal P. P. I. E.

Cowell Santa Cruz Lime

Always used where quality counts.

HENRY COWELL LIME & CEMENT CO.

2 MARKET STREET SAN FRANCISCO, CALIF.

BRANCHES

Oakland San Jose Sacramento Santa Cruz Portland, Ore. Tacoma, Wash.

CALIFORNIA
PLATE & WINDOW
GLASS
COMPANY.
1477 EDDY ST.
SAN FRANCISCO.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

Construction shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer and shall be completed within 100 weather working days after said notice to start construction has been given, Sundays and legal holidays excepted.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

400 Bay Building, No. 9 Main Street, San Francisco, California.

J. H. Obermuller, Fawnskin, Big Bear Lake.

Associated General Contractors, 430 Douglas Bldg., Los Angeles, California.

Bureau of Public Roads will furnish concrete culvert pipe f. o. b. cars San Bernardino, Redland or Victorville, California. The Bureau also has available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the Government equipment that he will use during construction and minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER,
District Engineer.

July 31, 1923.

NOTICE TO BIDDERS

(Laird School District)

NOTICE IS HEREBY GIVEN that the Laird School District of Stanislaus County, California, will at the school building in the above district, on the **20th day of August, 1923, at 8 P. M.**, on that day receive and consider sealed bids for the following work: The construction and alteration of a frame school building; all of this work to be done on the school premises of the Laird School District, in the County of Stanislaus, State of California, according to the plans and specifications for same as prepared by Jas. H. Hoose, Architect.

Said plans and specifications may be obtained at the office of Jas. H. Hoose, Architect, Rooms 6-7, Ramoni Building, in the City of Modesto, County of Stanislaus, State of California, upon the payment of $10.00, which sum will be repaid upon the return of the plans and specifications in a whole and undamaged condition.

All bids must be sealed and filed with the Clerk of the said Laird School District prior to eight P. M. of the 20th day of August, 1923, and be accompanied by a certified check on some solvent bank of the State of California for ten per cent of the bid submitted, which check shall be made payable to the Clerk of the Laird School District. This check is required as a guarantee that the successful bidder will, within three days after notice of the award of the contract to him enter into a satisfactory contract with the Board of said District, and execute and deliver the necessary bonds, as required by law. If the contractor shall fail to enter into such a contract the amount of the certified check shall be retained by the said Board as liquidated damages.

The Board reserves the right to reject any and all bids.

Dated this 3rd day of August, 1923.

MARY E ROBERTS
Clerk of the Board of Trustees of the Laird School District.

BIDS WANTED FOR GYMNASIUM

(Two-story Reinforced Concrete Structure)

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, **up to and including 12 o'clock noon, Tuesday, September 4th, 1923,** said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of a Gymnasium, State Teachers College, San Francisco, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

All bids must be addresed to Geo B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Gymnasium, State Teachers College, San Francisco, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE,
GEO. B. McDOUGALL,
State Architect.
R. M. MORTON,
Director of Public Works.

NOTICE INVITING SEALED PROPOSALS FOR FURNISHING WATER PIPE

(City of Santa Cruz)

Notice is hereby given that the Council of the City of Santa Cruz invites Sealed Proposals or Bids for furnishing the following:

3500 feet 10-inch Class B Cast Iron Pipe Bell and Spigot Joints.

Pipe to be not less than 12 foot lengths.

Pipe to be delivered F. O. B. Santa Cruz. Delivery to be made within 90 days after award of contract.

Said Proposals or Bids will be received at the office of the City Clerk in the City Hall, Church Street, in the City of Santa Cruz, up the hour of **9 o'clock A. M., on Tuesday, the 14th day of August, 1923,** and the same will be opened and declared at 9:30 o'clock A. M. on Tuesday, the 14th day of August, 1923.

All Proposals or Bids must be in writing, must show the Total Amount of Bid submitted and must be accompanied by a Certified Check or bond for ten per cent of the amount bid,payable to the City of Santa Cruz.

The Council of said City reserves the right to reject any and all bids.

S. A. EVANS,
City Clerk.

Dated: August 3, 1923.

NOTICE TO CONTRACTORS

(Adin to Adin Summit National Forest Highway)

Sealed proposals for surfacing the above named National Forest Highway located partly within the Modoc National Forest, County of Modoc, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture at 400 Bay Building, No. 9, Main Street, San Francisco, California, **until 2 o'clock P. M., on the 21st day of August, 1923,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The project to be surfaced is located about 28 miles southwest of Alturas, California. The length of the project is approximately 10.9 miles.

The principal item of work is as follows:

17,300 cubic yards crushed gravel surfacing.

Construction shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer and shall be completed within 100 days after said notice to start construction has been given, Sundays and legal holidays excepted.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

400 Bay Building, 9 Main Street, San Francisco, California.

KINNEAR ROLLING · DOORS KINNEAR

Furnished for the closure of all types of door and window openings.

Underwriters Label furnished when desired

Pacific Materials Co.

525 Market Street San Francisco

R. F. Smilie, Adin, California.

The Bureau has available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the government equipment that he will use during construction and minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $5.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER.
District Engineer.

August 1, 1923

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on August 27, 1923,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, protions of State Highway as follows:

Placer County, between Roseville and Lincoln (III-Pla-3-A), about one and one-tenth (1.1) mile in length to be paved with Portland cement concrete.

San Joaquin County, between Westerly Boundary and Banta, (III-S. J.-5-A), of about eight and one-tenth (8.1) miles in length, to be paved with water bound macadam shoulders.

Los Angeles County, between Santa Clara River and a point one-fifth mile easterly thereof (VII-LA-23-B), about two-tenths (0.2) mile in length, to be paved with Portland cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: July 30, 1923.

NOTICE TO BIDDERS

Elementary School, City of Sacramento

The Board of Education of the Sacramento City School District will receive sealed proposals at or **before 7:30 P. M., Monday, August 20, 1923,** at the office of the Board of Education of the Sacramento City School District, City Hall Building, Sacramento, California, at which time and place bids will be opened and read in public for furnishing the labor and material for erecting and completing the proposed Elementary School Building to be located adjacent to the Riverside Road in the City of Sacramento, State of California, in accordance with plans and specifications prepared by Woolett & Lamb, Architects, 99 Mull Building, Sacramento, California. Bids will be received separately for the following classes of work:

1. General Contract for Building.
2. Electrical Wiring.
3. Plumbing.
4. Heating.
5. A Combination bid of divisions of the work.
6. Alternate bids.

All bids must be accompanied by a check certified to by some responsible bank for 10 per cent or more of the amount of the proposal. In case this proposal is accepted, in whole or in part, and the bidder fails to enter into contract for the performance of said work or give an acceptable surety bond in the sum of 50 per cent of the amount of the contract to secure the faithful performance thereof, within fifteen days after such acceptance, then this certified check will be forfeited and retained by the Board of Education of the Sacramento City School District as liquidated damages for failure to ry out this proposal. Such contract and bond shall be in such form and of such contents as shall be satisfactory to the Board of Education of the Sacramento City School District.

All bids to be made out on forms furnished by the Architects.

Plans and specifications may be obtained from Woolett & Lamb, Architects, 99 Mull Building, Sacramento, California.

A deposit of $15 will be required from all contractors receiving plans, said deposit to be refunded when plans and specifications are returned in good condition.

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids and to waive any informality in any bids received.

By order of the Board of Education of the Sacramento City School District, Sacramento, California.

By CHAS. C. HUGHES,
Secretary.

OFFICE OF THE SUPERINTENDENT OF CONSTRUCTION, ROOM 402, U. S. POST OFFICE BLDG., SAN FRANCISCO, CALIF.

WATER TANK, UNDERGROUND WATER SYSTEM, & SALT WATER SYSTEM FOR FIRE PROTECTION, U. S. QUARANTINE STATION, PORT TOWNSEND, WASHINGTON.

INVITATION FOR PROPOSALS

SEALED PROPOSALS will be received at this office **until 12 o'clock M., on the 29th day of August, 1923,** and then opened, for the construction of water tank, underground water system, and salt water system for fire protection, at the U. S. Quarantine Station, Port Townsend, Wash., in accordance with the specification and drawing. Drawing and specification may be obtained from the Custodian, U. S. Quarantine Station, Port Townsend, Washington, or at this office, in the discretion of the Superintendent.

WM. ARTHUR NEWMAN,
Superintendent.

NOTICE TO BIDDERS

(Pumping Unit—Burlingame)

Bids will be received up to **5:00 p. m., August 20th** at my office, City Hall, for the sale of one Luitewiler pumping complete with motor, switchboard and 5-in. cylinder; also one Pomona pump with 8-inch cylinder, all in first class condition. Buyer to remove same from Property. A certified check for ten per cent of the amount bid must accompany proposal.

J. R. MURPHY,
City Clerk.
Burlingame, Cal., July 23rd, 1923.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from Domestic and Foreign Trade Department of the San Francisco Chamber of Commerce, Merchants Exchange Building:

7311—Buenos Aires, Argentina. Established firm is in a position to supply scrap tin to San Francisco firms.

7213—Sweden Communication desired with San Francisco firms interested in importing felspar from Sweden.

7317 — Silverton, Colorado. Railroad company has several hundred tons of 45-pound No. 1 relayers, with angle bars, for sale. Want to get in touch with San Francisco dealers who can sell same in Orient.

7321—Hamburg, Germany. Firm desires to communicate with San Francisco houses interested in porcelain insulating handles.

7327—Shanghai, China. Firm desires to communicate with manufacturer of radio sets and parts.

7329—England. Firm desires to sell cotton and flax belting in San Francisco.

7336—England. Manufacturer of bituminous solutions and enamel desires to appoint an agent in San Francisco for the sale of paints, anti-fouling compositions, cements, enamles, bitumen, asphalts, greases, road compounds hard water softeners, and preservatives

7337—Wurttemburg, Germany. Manufacturer of wooden household and kitchen utensils desires to get in touch with firm or agent to represent him in the United States.

7339—San Francisco, Cal. Firm manufacturing leather mats desires to appoint a responsible representative for Hawaii and Australia.

7340—Blue Lake- California. Experienced man desires employment by a lumber company working in South America.

7341 — San Francisco, Calif. College graduate desires to form connection with a San Francisco export commission house dealing with the Orient.

D-711—Los Angeles, Cal. Party desires to receive quotations from manufacturer of rope oakum, suitable for use in the plumbing industry for caulking pipe joints, on quantities from 500 pounds to five-ton lots.

D-712—San Francisco, Cal. Party has ten 10-ton Troy trailers second-hand, 60 inch wheels, 12-inch rim, for immediate delivery. Can be obtained on very favorable terms.

D-713 — Oakland, Cal. Steel casting firm has from 10 to 15 carloads of refuse sand. This is composed of black and white sand mixed together, which is taken from the foundry after the molds have been cast. Sand will be given free of charge to anyone who will arrange to have it removed.

D-716—San Francisco, Cal. Agent of imitation marble statuary, reasonably priced, desires to get in touch with some one, who would be interested to handle this line, either domestic or foreign.

D-719—San Francisco, Cal. Firm has on hand for immediate shipment 3500 tons number one, 60-pound relaying rail with angle bars.

D-720—Oakland, Calif. Gentlemen experienced in lumber and building construction work desire to communicate with California manufacturers of building supplies and products with view to representation.

D-726—Cincinnati, O. Firm seeking high-grade aggressive representation by salesman or sales organization to take over and actively push their line of Radiator Shields, in San Francisco and surrounding territory.

D-728—San Francisco, Calif. Manufacturer of portable houses requires $5,000.00 to enlarge business. Will employ man as sales manager with above capital.

D-731—San Francisco, Calif. Gentleman with wide acquaintance in Rocky Mountain States, desires representation for sale of high-class California products in that territory.

Engineering News Section

BRIDGES

HARDWICK, Kings County, Cal.—Southern Pacific Crews have started the construction of a steel bridge to replace wooden structure over the King river, one mile west of Hardwick; will be approx. 300 ft. long with approx. 100 ft. trestle on each side; est. cost $65,000.

SANTA BARBARA, Cal.—County supervisors will appropriate $60,000 for a bridge on the Lompoc-Harris rd. This will be in addition to the $174,355 estimated as the cost of the roadwork. Owen H. O'Neill, county surveyor. The Lompoc boosters of the project were informed by the board of supervisors that they must secure an attorney to pass on the legality of the plans and specifications. The plans cannot be approved by the board until this has been done.

SAN DIEGO, Cal.—Jordan & Wiscomb, San Bernardino, submitted low bid to council at $8721 to repair Adams Ave. bridge. Other bids were: Lipscomb & Dutton, $8816.15; Mercereau Bridge & Constr. Co., $9347.01; Union Constr. Co., $9932.50; deWaard & Cobham, $11,600.

QUINCY, Plumas Co., Cal.—Southern Pacific construction crews have started work on a concrete and steel bridge to replace the wooden structure used up to the present by the Western Pacific Co. Structure is located ¼ mile west of Keddie, bet. tunnels 31 and 32; will be 465 ft. long tnd 70-ft. high. C. Martian, acting under orders from the San Francisco office of the S. P., is in charge of the work.

BAKERSFIELD, Kern Co., Cal.—W. C. Harmon, supt. of construction in the Bakersfield division of the Southern Pacific Co., has started construction crews on repairs to the Pacific bridge over the Kern river; est. cost $18,000. Conc. cylinder supports will replace wooden piers, these to be driven to depth of 22-ft., 2 to every bent; each cylinder comprising five piles.

WILLITS, Mendocino Co., Cal.—A. O. Lightfoot, Willits, at $9457, awarded cont. by city trustees to const. North Main Street bridge; rein. conc. construction.

SAN DIEGO, Cal.—Until 11 a. m., Aug 20, bids will be rec. by supervisors for repair of the pile trestle bridge across Sweetwater River on Highland Ave. in the 2nd road dist. Plans and spec. on file at the office of the supervisors. Cert. check 5%. J. B. McLees, clerk.

RIVERSIDE COUNTY, Calif. — Following bids rec. Aug. 6 by State Highway Commission to const. bridge in Riverside county, across Whitewater River near Whitewater; composed of eight 54-ft. rein. conc. girder spans with conc. piers, abutments and wing walls, approx. 1975-ft. earth dykes with rein. conc. slope paving; approx. one-half mile of approach roadway paved with Port. cem. conc. and rein. conc. pipe culverts through roadway and dykes.

Gibbons & Reed, L. A.	$120,132.50
deWard & Cobham San Diego	127,683.50
Chas Thompson, L. A.	$135,380.00
Paul Ehlers, L. A.	163,681.30
Chas. & F. W. Stessen, San Diego	180,489.40
Engineer's estimate	132,217.00

ABERDEEN, Wash.—City votes bonds of $400,000 to finance construction of 2 bridges, each to cost $200,000, one over Chehalis river and the other over the Wishkah river.

SAN JOSE, Santa Clara Co., Cal.—County Supervisors, Henry A. Pfister, Clerk, approves plans and specifications, and bids will be asked shortly, for the following improvements:

Reinf. conc. bridge on Saratoga summit road at Booker's place.

Corru. iron culvert on Pierce road in supervisor dis. No. 5.

Reinf. conc. retaining wall on Guadalupe creek at Almaden road and at Arata's place in supervisor dist. No. 4.

Two reinf. conc. culverts on San Martin Ave. in Supervisor dist. No. 1.

Reinf. conc. bridge on Buena Vista Ave. over Llagas creek.

SACRAMENTO, Cal.—No bids rec. by county supervisors to repair floors of trestle approach on Fair Oaks Bridge. County Eng. instructed to proceed with work by day labor.

VISALIA, Tulare Co., Cal.—C. R. Gurdy, Porterville, at $9587.22 awarded contract by supervisors to const. Bridge No. 60, over St. John River.

J. F. Sheppard, Bakersfield, at $5495 cont. to const. Bridge No. 66 over Packwood creek.

Nate Lovelace, Visalia, at $21,410.24 awarded cont. to const. bridge No. 67 over East Fork of Kaweah river near Oak Grove.

MARYSVILLE, Yuba Co., Cal.—County Surveyor J. R. Meek, instructed to submit estimates of cost to construct bridge over Yuba river at Simpson Lane crossing.

MERCED, Merced Co., Cal.—Carlson Bros., Merced, at $800 awarded cont. by county supervisors to const. concrete cattle crossing structure on Merced-Snelling road, Sec. 2, in Rd. Dist. 3. Other bids: W. K. Wideman, $1414; C. E. Graham, $1245; Merced Concrete Pipe Co., $1255.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OROVILLE, Butte Co., Cal.—County supervisors approve plans for new outlet canal to be constructed jointly by Butte County Drainage District No. 100 and Drainage District No. 200; will empty into Butte basin. J. M. Howells, engineer.

PARADISE, Butte Co., Sal.—See "Irrigation Projects," this issue. Paradise Irrigation District. Bids for trench excavation.

Engineers and Contractors
PLEASE NOTE
We are FACTORY distributors
—for—
MILBURN CARBIDE FLARE LIGHTS
for Night Work 500 - 12,000 c. p.
Economical and Efficient
MILBURN OXY-AVETYLENE WELDING AND CUTTING APPARATUS
for Repairing and Construction
Let us send you full information
E. D. BULLARD
268 Market St., San Francisco
Phone Douglas 6320-Doug. 6321

SALEM, Ore.—See "Irrigation Projects," this issue. Applications filed with State Engineer for water rights.

SAN FRANCISCO—Until Sept. 6, 11 A. M., bids will be rec. by U. S. Engineer Office, Customhouse, for dredging in Oakland harbor. Further information on request.

IRRIGATION PROJECTS

SALEM, Ore.—Applications for permits to appropriate water, have been filed with the State Engineer'a Office, as follows:

F. K. Master of Portland for 300 cu. ft. per sec. from Clear Lake, Fish Lake, Lava Lake, Lost Lake, tributary of McKenzie river, for power. The canal or pipe line is to be five miles in length. Total amount of power to be developed 22,500 horsepower minimum, and all excess power that can be obtained through storage. Total fall to be utilized 893 feet. Water to be returned to McKenzie river.

H. S. Huson of Portland for 600 cu. ft. per sec. from north fork of Santiam river and the water to be stored in the Santiam reservoir from Willamette river. For power. Canal is 6.3 miles in length. A dam of reinforced concrete. Two rectangular timber gates 8 ft. wide by 10 ft. high.

H. S. Huson of Portland for reservoir to be called Marion lake reservoir, from Marion lake and a chain of four lakes known as Meadow lake, Duffy lake, Whiskey creek, North and South Puzzle creek, together with the stream from Mt. Jefferson and Three Fingered Jack tributary to North Fork of Santiam river. Amount of water to be stored is 75,000 ac. ft. for power. The construction of dam is rock fill type with concrete facing on water side and overflow. The area submerged by the proposed reservoir when full is 895 acres. Est. cost, $225,000.

H. S. Huson of Portland, for 400 cu. ft. per sec. from Marion Lake reservoir and North and South fork of Puzzle Creek and Whiskey Creek tributary of North Fork of Santiam river and a chain of lakes known as Meadow lakes, one of which is Duffy Lake, for power. Conduit pipe line 3.84 miles in length. A dam of rock fill type with concrete facing on water side and wasteway located over dam.

PARADISE, Butte Co., Cal. — Until Aug. 22, 10 a.l m., bids will be rec. by G. C. Bille, secy, Paradise Irrigation District, for following improvements, to be bid on as a whole of in parts:

Part 1—Extension of Mains

Item A. Digging approx. 19,065 ft. 14-in. x 22-in. trench and backfilling.

B. Digging approx. 5100 ft. 18-in x 24-in. trench and backfilling.

C. Fur. approx. 780 ft. 2-in., 10,345 ft. 3-in. and 8720 ft. 4-in. standard black (or similar) pipe.

D. Fur. approx. 5100 ft. soil-proof riveted steel pipe in sizes 5-in. 6-in. and 7-in.

E. Hauling all pipe and fittings.

F. Laying all pipe and fittings.

G. Construct one "pressure-break."

Part 2—Raising Magalla Dam

Item E. Excavates approx. 3000 cu. yds. of earth and place same on crest of Magalia dam.

Plans and specifications obtainable from J. E. Alley, superintendent of District at Paradise. **See call for bids under offieiul proposal section in this issue.**

HOLLISTER, San Benito Co., Cal.—Hollister Irrigation District was organized at recent election. Next step of district will be to vote bonds to finance construction of irrigation works.

LIGHTING SYSTEMS

DINUBA, Tulare Co., Cal.—City trustees, R. D. Dewhirst, city clerk, protem, declares inten. to imp. Sierra Way, G, H, I, J, K, L and Tulare Sts., and portions of Amador, Mariposa Sts., etc., by const. street lighting system with electroliers and cable conduits. All under Res. of Intention No. 332. Chas. E. Sloan, Santa Fe Bldg., San Francisco, engineer.

MACHINERY AND EUIPMENT

LOS ANGELES, Cal.—Until 2:30 p. m. Aug. 17, bids will be rec. by harbor comm., 312 Byrne Bldg., for grader and roller under spec. 510, Guy W. Wade, secy. Bids will also be received at same time for portable pipe machine under Spec. 508.

SACRAMENTO, Cal.—Until Aug. 16, bids will be rec. by H. G. Denton, city clerk, for fur. and del. one trenching machine, ladder type to dig 24 to 42-in. in width and 12-ft. in depth; internal combustion engine, 40 to 50 h.p., digging speed to 6-in. to 6-ft. per minute; mounted on independent tractions; traction speed not less than 1 mi. per hour. Spec. on file in office of city clerk. Albert Givan, city eng.

LOS ANGELES, Cal.—Wayne Tank & Pipe Co. submitted only bid to city purchasing agent at $937.80 for gas engine under Spec. 696.

LOS ANGELES, Cal—Until 2:30 P. M., Aug. 17, bids will be rec. by harbor comm., 312 Byrne Bldg., for power shovel under spec. 507. Guy W. Wade, Secy.

SAN JOSE, Santa Clara Co., Cal.—Henry A. Pfister, County Clerk, will ask bids immediately for fur. one Spearwell Mogel loader.

LOS ANGELES, Cal.—Until 2:30 P. M., Aug. 17, bids will be rec. by harbor comm., 312 Byrne Bldg., for standard gauge dump cars under Spec. 506. Guy W. Wade, Secretary.

MARTINEZ, Contra Costa Co., Cal.—County Surveyor R. R. Arnold authorized to purchase crane for use in loading and unloading gravel cars; cost of same not to exceed $5000.

LOS ANGELES, Cal—Pawling & Harnischfeger, 930 Central Bldg., awarded contr. by public serv. comm., Aug. 7, at $9750 for gas-engine driven portable industrial field crane under spec. 682-C.

RAILROADS

CALEXICO, Cal.—The Pioneer Transfer Co., Calexico, awarded contr. to grade first unit of the right-of-way for the Mexicali-to-La Bomba Ry., on bid of $338,000 for 34-mi. stretch. The work will be done under the direction of the Mexican National Railway, and will start soon.

MERCED, Merced Co., Cal—Bids have been ordered received by Merced Irrigation District for relocation of Yosemite Valley railroad and the construction of new line. Bids will probably be opened Sept. 4. Further information will be given on this project shortly. A. E. Cowell, secy. of dist. R. C. Starrett, ch. eng.

FIRE EQUIPMENT

MODESTO, Stanislaus Co., Cal.—Seagrave Co., at $24,900 awarded cont. by city council to furnish two triple combination pumping engines for fire department.

PETALUMA, Sonoma Co., Cal.—City council petitioned to call election to vote bonds of $80,000 to erect fire station and purchase pumping engine, hose and ladder truck.

TULARE, Cal.—Until 5 p. m., Aug. 10, bids will be rec. by City Mgr. George S. Lewis, for one comb. chemical and hose car, double tank spec., mounted on chassis; also one 750-gal. motor-propelled combination pumping engine. Cert. check 10%.

STOCKTON, San Joaquin Co., Cal.—M. D. Murphy, fire chief, recommends purchase of following apparatus for fire department: Company 1 — Comb. pump with hose and comb. chemical and hose; Company C—comb pump with hose and comb. chemical and hose; Company 3—comb. pump with hose and comb. chemical and hose; Company 4—triple comb. pump with hose and chemical; Company 5—triple comb. pump with hose and chemical; Company 6—comb. pump with hose and comb. chemical and hose; Company 7—comb. pump with hose and comb. chemical and hose Company 8—Triple comb. pump with hose and chemical; Company 9—triple comb. pump with hose and chemical; Company 10—triple comb. pump with hose and chemical; Chemical 1—double 100 gallon chemical engine; Truck company 1—85-foot aerial quick raise ladder truck; Truck company 2—city service truck with ladders and chemicals.

MISCELLANEOUS SUPPLIES

SAN DIEGO, Cal.—Bids rec. by Supervisors for cement and gravel were returned by the board unopened. The materials will be combined with the construction work and bids on the complete job called for at a later date.

LOS ANGELES, Cal.—Until 3 P. M., Aug. 14, bids will be rec. by public service comm., 207 S. Broadway, for fibre conduit under spec. P-315. Jas. P. Vroman, Secretary.

LOS ANGELES, Cal.—Until 3 P. M., Aug. 17, bids will be rec. by public service comm., 207 S. Broadway, for insulated wire and cable under Spec. P-316. Jas. P. Vroman, Secretary.

SAN FRANCISCO—Clarence F. Post has been appointed purchasing agent of the Western Pacific Railroad, succeeding the late William T. Jacobs.

RESERVOIRS AND DAMS

PARADISE, Butte Co., Cal.—See "Irrigation Projects," this issue. Paradise Irrigation District. Bids wanted to raise dam.

SALEM, Ore.—See "Irrigation Projects" this issue. Applications for water permits, filed with State Engineer.

PHOENIX, Ariz—Bids to const 5,000,000 gal. reservoir on site owned by the city near Scottsdale will be called for on or about Sept. 1, according to an announcement by City Mgr. V. A. Thompson. Cost approx. $25,000. The const. of this reservoir will practically complete the Verde water system. Work will be done under supervision of City Engr. Reiger.

MERCED, Cal.—Directors of the Merced Irrigation Dist. reject bids to const. Exchequer dam and decided to proceed with the work by force account under the direction of Theho & Anderton, consulting engrs, Sharon bldg., San Francisco. Equipment lists are being made out by the engineers preparatory to starting work. Their estimate of the cost of the dam was $1,377,600. Bids were taken on two proposals: Alternate 1, dist. furnishing cem. and all construction materials except rock, sand and gravel; and Alternate 2, dist. furnishing materials. Lynn S. Atkinson submitted the lowest bid as follows: Alternate 1, $1,875,900; Alternate 2, $2,259,100. Utah Constr. Co. bid on (1) $2,259,100 and on (2) $990,100. Foundation Co. submitted a proposal to do the work on a fee of $80,000 if contractor furnished rock and a fee of $50,000 if dist. furnished rock, estimating cost exclusive of fee at (1), $1,632,235, and (2) $785,635. The Exchequer dam will be constant angle type, 329 ft. high. Following are the unit bids on Alternate 1, unit prices on Alternate 2 differing only on concrete: (2) Lynn S. Atkinson, Los Angeles; (b) Utah Const. Co., San Francisco; (c) engineers estimate:

6000 cu. yds com. excav., a $5; b $2.50; c $2.

50,000 cu. yds. rock excav., a $5; b $5.75; c $5.20.

310,000 cu. yds. concrete 1:2½:4½:2½ a $5; b $6.20; c $3.49.

60 cu. yds. pressure grout, a $75; b $40; c $30.

1000 lin. ft. drain wells, a $5; b $5; c $3.

2000 lin. ft. grout holes, a $4; b $2.20 c $2.

5000 lin. ft. contract seals, a $2.50; b $1; c $1.

6000 lin. ft. grout pipes, a 25c; b 80c; c 50c.

15,000 lbs. reinf. steel, a 5c; b 4c; c 2c.

60,000 lbs. struc. steel, a 5c; b 5c; c 2c.

5000 sq. ft. coat met. wks., a 5c; b 10c; c 12c.

8000 sq. ft. struc. waterw, a 5c; b 10c; c 10c.

200,000 lbs. set. valves and gates, a 5c; b 4c; c 2c.

Unit prices on concr., Alt. 2, (a) $3.50; b $3.75; c $2.24.

District furnishes all permanent construction metal work, including steel gates, pipe, etc., and asphalt joints.

MERCED, Merced Co., Cal.—Merced Irrigation District rejects bids received to construct Exchequer dam across Merced river at Exchequer, Mariposa county, and work will be done by the district under the supervision of Engineers Starr, Theho-Anderton, Sharon Bldg., San Francisco and R. C. Starrett, chief engineer. The district will purchase all materials required in the project, which involves 60,000 cu. yds. excavation, largely in rock; placing 300,000 cu. yds. concrete and 100 tons of metl work, etc. Bids follow:

Proposition No. 1, all concrete work, etc., except pipes, gates and cement, approx. 310,000 cu. yds. Prop. 2, district furnish aggregate:

Lynn S. Atkinson, Los Angeles, $1,875,000; (2) $1,410,900.

Utah Construction Co., San Francisco (1) $2,259,100; (2) $1,499,400.

Foundation Co., San Francisco, (1) $1,632,235 fee of $80,000; (2) $985,635, fee of $50,000.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

Engineer's estimate (1) $1,375,600; (2) $990,100.

A. E. Cowell is secretary of the district.

PIPE LINES, WELLS, ETC.

SANTA BARBARA, Cal.—Until 11 a. m., Aug. 15, bids will be rec. by city mgr. for c. i. water pipe and appurtenances, fire hydrants and gate valves. Cert. check 10%. Information can be obtained at city whse., 224 E Ortego St.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Aug. 14, 9:30 a. m., bids will be rec. by S. A. Evans, city clerk, for fur. and del. f. o. b. Santa Cruz: 3500 ft. 10-in. class B, c. i. pipe, bell and spigot joints, not less than 12-ft. lengths. Delivery to be made 90 days after award of contract.

See call for bids under official proposal section in this issue.

ALHAMBRA, Cal.—Until 5 p. m., Aug. 13, bids will be rec. by city commission for fur. 5008 ft. 4-in. class B cast iron water pipe; first alternative, delivery f. o. b. docks, San Pedro; second alternative alongside trench, Alhambra. Cert. chk. or bond 25%. Grant M. Lorraine, city mgr.

ALHAMBRA, Cal. — Pacific Pipe & Supply Co., 1002 S Santa Fe Ave., awarded cont. by city comm., July 30, at $7583.32 for fur. 8736 ft. 4-in. class B pipe at $6168.49 (lump sum); and 1008 ft. 6-in. class B pipe at $1017.37 (lump sum); fittings, $397.46. U. S. Cast Iron Pipe & Fdy. Co., $6254.98 4-in. pipe; $1040.26 6-in. pipe; $375.65 fittings; total, $7670.89.

SAN BRUNO, San Mateo Co., Cal.—U. S. Cast Iron Pipe & Foundry Co., Monadnock Bldg., San Francisco, awarded contracts by city trustees for fur.:

13,128 lin. ft. of 8-inch cast iron pipe at $1.36; total $17,854.08; 7,680 lin. ft. of 6-in. cast iron pipe at 95c; total, $7,296; 17,680 lin. ft. of 4-in. cast iron pipe, at 71c; total, $12,552.80. All f. o. b. San Bruno by rail and water.

Mark Lally Co., 2nd and Tehama Sts., San Francisco, awarded contract for fur. 36,000 lin. ft. 2-in. wrought steel pipe, at $.2158, total, $7,771.20, f. o. b. San Bruno by rail and water.

SALEM, Ore.—See "Irrigation Projects," this issue. Applications for water permits filed with State Engineer

LOS ANGELES, Cal.—Supervisors grant franchise to Eastmont Water Co. to lay and maintain a system of water pipes in dist. beginning at north cor. of Tract 5415, along Whittier Blvd., to SW boundary of Montebello; thence NW along SW boundary to above mentioned tract.

LOS ANGELES, Cal.—County Supervisors grant franchise to Petroleum Dehydrating Co. to lay pipe line along State St., American Ave., Spring St., Vine and Willow Sts., near Long Beach.

PARADISE, Butte Co., Cal.—See "Irrigation Projects," this issue. Paradise Irrigation District. Bids wanted.

SACRAMENTO, Cal.—Until Aug. 16, bids will be rec. by H G Denton, city clerk, for fur. pipe for water main extensions, as follows:

10,000 ft. 6-in. c. i. B & S water pipe.
2000 ft. 4-in. c. i. B & S water pipe.
5 tons caulking pig lead.
350 lbs. caulking hemp.
2 14-in. split sleeves with 6-in. branch outlet.

Specifications on file in office of clerk. Albert Givan, city eng.

MISCELLANEOUS CONSTRUCTION

LOS ANGELES, Cal.—Until 10 A. M., Aug. 20, bids will be rec. by Bd. Pub. Wks. to const. ventilating shafts and appurtenances for the Second Street tunnel, on Second St., near Grand Ave. and Bunker Hill Ave. Plans obtainable from city engr. Cert. chk. or bond, 10%, and affidavit of non-collusion. Horace B. Ferris, Secty.

BERKELEY, Cal.—Bids were received on July 31st by Clyde Blanchard, secretary of the Board of Education of the City of Berkeley, for the erection of line fencing at the new Lincoln School Prince and King Streets.

The contract was awarded to the Standard Fence Co. ,432 Bryant St., S. F., on their bid of $1061.70. The only other bid received was from the West Coast Wire & Iron Co., $1225.

WATER WORKS

WASCO, Kern Co., Cal. — Plans are being prepared by the engineers of the Wasco Creamery & Constr. Co. for a water works system to be used jointly by the town and the corporation. The company is to bear the expense of building the tank and driving the well, the town to take care of the distribution of the water.

PORTLAND, Ore.—Eng. H. L. Gilbert, Couch Bldg., Portland, preparing plans for water system for Oak Lodge Water District for which bonds of $200,000 were recently voted. Projects involves: 27,000 ft. 8in. lap-welded steel pipe; 11,000 ft. 8-in. c. i. pipe; 20,000 ft. 6-in. c. i. pipe; 20,000 ft. b-in. steel pipe; 90,000 ft. 2-in. steel pipe The 27,000 ft. 8-in. steel pipe is for supply main to be taken from a connection with the Portland system at East 72d street and south city boundary. The balance of pipe is for the distribution system. Reservoirs planned are: For the main reservoir concrete lined type of 600,000 gals. capacity; high level reservoir 40,000 gal. wooden tank on conc. base at surface of the ground in lot 8, block E, View Acres. The main reservoir is designed to store about a week's supply of water for 400 consumers during the time of greatest consumption. This reservoir is to be placed at an elevation below the Mt. Tabor reservoir so that it will be fed by gravity or at an elevation of 315 feet above sea level, the Mt. Tabor reservoir being at 411 feet elevation.

SAN MATEO, San Mateo Co., Cal.—See "Streets and Sewers," this issue. Pumping units at septic tank site. Bids wanted.

VENICE, Cal.—Permission granted by the railroad commission to Venice Consumers water Co. to purchase the plant and equipment of the City Water Co. of Ocean Park.

STOCKTON, San Joaquin Co., Cal.—Fire Chief M. D. Murphy recommends that steps be taken by city council to provide city with high pressure water system. W. B. Hogan, City Eng.

VENICE, Cal. — Venice Consumers Water Co., applies to railroad comm. for authority to purchase the plant of the City Water Co. of Ocean Park, which operates in Venice. The Venice Consumers Water Co. is a new corporation. It proposes also to acquire the system of the Venice of America Water Co. and the Frederick Water Co. and consolidate the 3 into one system the plant of the city water of Ocean Park. The price has been fixed at $287,500. Venice Consumers Water Co. has also filed with the commission an application for authority to issue $1,000,000 of stock of which half it to be preferred.

LOS ANGELES, Cal.—Until 3 p. m., Aug. 17, bids will be rec. by public service comm., 207 S Broadway, for fire hydrants under spec. 683. Jas. P. Vroman, secy.

SALEM, Ore.—See "Hospitals," this Isue. Steel Water Tank.

SAN DIEGO, Cal.—Until 11 A. M., Aug. 30, bids will be rec. by supervisors for 150 ft. 6 in. inside dia. screw pipe; and alternate bids for 750 ft. more or less of 6-in. inside dia. cast iron pipe, delivered at the Vauclain Home. Address supt. county hospital. J. B McLees, clerk of the board of supervisors.

PLAYGROUNDS AND PARKS

NAPA, Napa, Co., Cal.—Napa Rotary Club and banks of Napa plan purchase of old Central school grounds on which it is proposed to locate a civic center. Bankers have advised of their willingness to advance the money to cover the purchase. Bonds will probably be issued to improve the site.

SAN FRANCISCO—Until Aug. 16, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4724, for purchase (under Lot No. 1) of 8,000 lin. ft. wire and lath fencing, constructed of 4 ft. building lath and No. 11 galv. wire and (under Lot No. 2) 625 split r. w. posts, 4x5 in. x 7 ft. Bids will also be considered for whole of both lots. Further information obtainable from above.

SEWERS & STREET WORK

EUREKA, Humboldt Co., Cal.—City Council, A. Walter Kildale, Clerk, declares inten. to imp. portions of Fairfield St., includ. intersections: Grade and pave with 2-in. asph. conc. base with 1½-in. Bitulithic surface; c. i. and conc. culverts; vit. pipe sewers; cem. conc. sanitary manholes with c. i. covers. 1915 bond Act. Protests Aug. 21. Harry H. Hannah, City Eng.

EUREKA, Humboldt Co., Cal.—City Council, A. Walter Kildale, Clerk, declares Inten. to imp. portion of H St., grade; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; c. i. and conc. culverts; vit. pipe sewers; conc. sanitary manholes with c. i. covers. 1915 Bond Act. Protests Aug. 21. Harry H. Hannah, City Eng.

MONTEREY, Monterey Co., Cal.—At a mass meeting of citizens of New Monterey, a committee was appointed to confer with the city council regarding the improvement of streets in that section under the 10-yr. pay plan. Streets will be graded and graveled and cem. conc. curbs and gutters constructed. H. D. Severance, city eng.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. — Junction Valencia — Phone Market 8926
24 VAN NESS AVENUE — Near Market

SANTA BARBARA, Cal.—A. L. Pendola awarded contr. by council at $11,542.23 to imp. Anapamu St. Other bids were: C. T. Richardson, $11,676.75; Sam Hunter, $12,519.65.

LOS ANGELES, Cal. — Smith Bros., Inc. and W. E. Callahan Constr. Co., Dallas, Texas, submitted low bid to Bd. Pub. Wks. at $214,434 to const. Sec. 10 of the North Outfall sewer. The bid was as follows: (1) 1440 lin. ft. sewer 6-ft. sewer; (c) pre-cast pipe constr., $32,303.60; (2) 6127 lin. ft. 8-ft. 6-in. sewer, (c) pre-cast pipe constr., $176,539.57; (3) 37.4 lin. ft. special structure, $4100; (4) 10 lin. ft. special structure $1500. Other bids were:

Ross Constr. Co.—(1) $40,000; (2) $175,963; (3) $4000; (4) $1000; total, $220,963.

Joe Chutuk—(1) $43,920; (2) $186,873; (3) $1200; (4) $800; total, $232,790.

H. D. Churchill Co.—(1) $36,322; (2) $207,217; (3) $3500; (4) $1200; total $248,239.

J. F. Shea Co.—(1) $37,520; (2) $258,858; (3) $2000; (4) $500; total $298,878.

Charles Thompson and Charles U. Heuser—(1) $81,000; (2) $282,000; (3) $3000; (4) $1000; total $367,000.

Lynn S. Atkinson—(1) $57,600; (2) $306,350; (3) $2805; (4) $750; total, $367,505.

R. E. Cooney—(1) $74,000; (2) $292,000; (3) $5000; (4) $1000; total, $372,000.

Thos. Haverty Co.—(1) $98,700; (2) $320,023; (3) $1363; (4) $3123; total, $423,209.

MARTINEZ, Contra Costa Co., Cal.—Until Aug. 31, bids will be rec. by Walter F. Williams, secy., Mt. View Sanitary District, for purchase of $12,000 bond issue to finance construction of septic tank and sewers.

BURBANK, Cal.—Until 7:30 p. m., Aug. 14, bids will be rec. by city trustees to imp. under 1911 Act, following streets:

Providencia Ave., bet. San Fernando Blvd. and Crescent Ave.; grade; pave with oil and rock; const. cem. conc. curbs and walks, cem. concr. and corru iron storm drain.

Varney St., bet. Verdugo Ave. and Providencia Ave., grade; pave with oil and rock macad.; const. cem. conc. gutters, curbs and walks.

Verdugo Ave., bet San Fernando Blvd and Olive Ave., grade; pave with 6-in. cem. concr.; const. conc. gutters, conc. and corru. iron storm drain.

F. S. Webster, city clerk.

GLENDALE, Cal.—W. J. Curren, Box 159 Glendale, submitted low bid to council to imp. Windsor, Garfield, Acacia, Porter and Fisher Sts., involving 5335 lin. ft. grading 80c ft; 8365 ft. curb 50c ft; 7473 sq. ft. 5-in. concr. gutter 22c ft.; 156,320 sq. ft. 3-in. oiled macad. pavement 10c ft.; 4126 ft. 6-in. and 952 ft. 4-in. c. i. pipe at $10,593. Total approx. $35,000.

LOS ANGELES, Cal.—City council will call bond election in Municipal Improvement Dist. No. 20, to vote on a $58,000 issue for municipal improvements. Protest date set for Aug. 13.

VENICE, Cal.—City trustees declare inten. to imp. Dell Ave., bet. 18th Ave. and Centre Sts., grade and pave with 4-in. cem. conc.; const. cem. conc. curbs 5-ft. walks; 8-in. vit. pipe san. sewer 1911 Act. John B. Griffin, city engr.

LOS ANGELES, Cal.—Until 11 a. m., Aug. 27, bids will be rec. by supervisors to const. conc. roadways and walks with accessories at Olive View Sanitarium, near Sylmar. Cert. check or bond 10%.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. Washington St., bet. east boundary of Culver City and west city limits of Los Angeles, under County Imp. No. 34; 1.7 mi., involv. 24,905 sq. ft. excav; 42,069 sq. yds. subbase; 67,062 sq. yds. cem. conc. base; 67,062 sq. yds. asph. conc. wearing surface; 610 lin. ft. cem. conc. curtain wall; 10,897 lin. ft. curb; 63,200 sq. ft. gutter; 990 sq. ft. walk; total estimated cost $268,581.60. Average haul, 1.5 mi. from Culver City on P. E. Ry.

SANTA MONICA, Cal.—Until 10 a. m. Aug. 15, bids will be rec. by council to imp. 4th St., bet. Pico Blvd. and a line connecting the s and e corners of Central Ave. and 4th St; grade; pave with 1½-in. Warrenite-bitul. surface on 3½-in. asph. conc., const 6-in. vit. house sewers; manholes and flush tanks. 1911 Act. John A. Morton, city engr.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. county highway bet. Palmdale and Pallett Creek 21.1 mi., under R. D. I. No. 259, in Fifth Rd. Dist., comprising 10.7 mi. 6-in. conc paving 16-ft. wide; 8.1 mi. 6-in. disintegrated granite paving 16-ft. wide; 2.3 mi. graded roadway 24-ft. wide. Total est. cost. $460,093.80. Work involves 46,389 cu. yds. rock excav.; 97,800 cu. yds. earth excav.; 110,924 lin. ft. shaping roadbed; 76,483 sq. yds. disintegrated granite pavement; clearing & grubbing; 100,293 sq. yds. 6-in. asph. conc. pavement; 2167 ft. 15-in.; 1894 ft. 18-in.; 705 ft. 24-in.; 61 ft. 36-in.; 106 ft. 48-in. corru. iron pipe; 488 cu. qds. conc. in headwalls. Materials required are: 703 bbls. cem.; 315 tons sand; 581 tons gravel; 1858 lbs. reinf. steel; 76,483 sq. yds. disintegrated granite; pipe as above; 100,293 sq. yds. asph. conc.; est. cost of materials, $132,718.85. Protest date, Aug. 27.

SOUTH PASADENA, Cal.—City trustees declare inten. to imp. under 1911 Act, following streets:

Fremont Ave., bet. Huntington Dr. and Alhambra Rd., grade; pave with 5-in. cem. conc.; const. walk, 6-in. clay pipe laterals.

Grand Ave., bet. U. P. Ry. and Hermosa St., Nettie A. Hewitt, city clerk.

MARTINEZ, Contra Costa Co., Cal.—Until Sept. 7, bids will be rec. by Mt. View Sanitary District to const. sewers and septic tank for which bonds of $12,000 were recently voted. Walter F. Williams is secretary and Ross L. Calfee, 221 South 22nd St., Richmond, engineer.

SANTA ANA, Cal.—Basich Bros., 2103 W 28th St., Los Angeles, awarded cont. to complete 5-mile cont. on Placentia Road, previously awarded to S. B. Bragg of San Diego. The bonding company, Maryland Casualty co., completed arrangements for the work when the county declared the $22,000 contract forfeited.

PASADENA, Cal.—City Dir. declare inten. to imp. under 1911 Act following streets:

Rowland Lane, bet. Green St. and Morgan alley; grade and pave with 6-in cement conc.

Mulberry St., bet. Marengo and Garfield Aves.; grade and const. cem. curb; 2-ft. gutter.

Fair Oaks Ave., bet. Washington St. and n city limits; grade; pave with 6-in macad.; const. cem. curbs, gutters, walks.

Fiske Ave., bet. Atchison St. and Woodbury Rd., const. 5-ft. walks on both sides.

Bessie Chamberlain, city clerk. W. C. Earle, city engr.

SANTA BARBARA, Cal.—Supervisors set Sept. 25 as date for bond election to vote on Lompoc-Harris road bond issue of $200,000.

LOS ANGELES, Cal.—John Balch, 696 12th St., San Pedro, awarded contr. by Bd. Pub. Wks. at $147,000 for fur. submarine reinf. conc. pipe for outfall sewer, Sec. 1. Merritt-Chapman & Scott New York City, awarded cont. for laying pipe at $496,000.

SAN MATEO, San Mateo Co., Cal.—Galbraith and Janes, Yuba City, awarded contract by City Trustees to imp. portions of First, Second, Third, Fourth Aves, etc., 5-in. byd. conc., unsurfaced pavement, $.198 sq. ft.; excavation, $1.49 cu. yd.; curb, $.50 lin. ft.; 6-in. sewer, $.79 lin. ft.; 4-in. sewer laterals, $.70 lin. ft.; sewer wyes, $2.25; 8-in. drain (double strength) $3.25 lin. ft.; approaches, $.24 sq. ft.; manholes, $75 ea; catchbasins, $49 ea; cem. walks, $.20 sq. ft.

EAST SAN DIEGO, Cal.—H. G. Feraud, 1214 Detwiler Bldg., Los Angeles, awarded cont. by city trustees at $79,738.34 to pave Mentone, Menlo and Sierra Sts., approx. 3 mi., involv. 197,193 sq. ft. 1½-in. Willite on 2½-in. conc. base. Cal. Constr. Co. bid $86,720.18; G. R. Daley, $91,280.83.

OAKLAND, Cal.—Until Aug. 16, 11 a. m., bids will be rec. by E. K. Sturgis city clerk, to const. 8-in. vit. sewer in portions of Mesaba Ave., includ. construc. of 3 vit. pipe lampholes with br. and c. i. tops; vit. pipe wye branches. 1911 Act. Cert. check 10@ payable to city req. W. W. Harmon, city eng.

PHOENIX, Ariz.—Until 2 p. m., Aug. 15, bids will be rec. by dist. engr., bureau of public roads, U. S. Dept. of Agriculture, 242 W Washington St., Phoenix, to imp. Salt River-Pleasant Valley Sec. 1, Forest highway, in the Tonto national forest, 16,522 mi., involv 18,917 cu. yds. rock excav.; 80,946 cu. yds. common excav.; 16,522 mi. finishing graded road; 22 cu. yds. A conc.; 358 cu. yds. D conc. (alternate); 15,000 lbs. reinf. steel; 4528 lin. ft. corru. metal pipe culverts; 43,732 lin. ft. protection ditch; 450 cu. yds. cem. rubble masonry (alternate) .Plans and spec. upon deposit of $10. Proposal guaranty 5%. E. S. Wheeler, dist. engr.

SAUSALITO, Marin Co., Cal. — Engineers Howe and Peters, 24 California St., San Francisco, are completing spec for 2nd unit of town paving program covering Johnson, Pine, Turney, Locust Litho, Bee, Napa, Girard, Cazneau, Filbert, Easterby Sts., etc. First 2 named streets will be paved with concrete the balance with bituminous macadam including constructions of curbs, gutters, culverts, etc.

VISALIA, Tulare Co., Cal. — E. G. Noble, Visalia, at approx. $4000, awarded cont. by Board of Education to construct tennis courts and at approx $4000 for construction of sidewalks at school grounds. Bids for graveling and paving approaches to parking space rejected.

OAKLAND, Cal.—Board of Supervisors will provide $100,000 in 1923-2 budget as county's share to pave E-14th St., bet. 54th and Stanley road, if the Oakland city council will appropriat $50,000 to finance its portion of th improvement. Geo. A. Posey is count surveyor and W. W. Harmon, city eng

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco awarded cont. by council to imp. Bird Ave., bet. San Carlos and Home St; grade; pave with 2-in. Durite asph conc surface on 3½-in. Durite asph. conc. base; hyd. cem. conc. gutters and walks 3 br. catchbasins; 8-in. vit. pipe drains; 3 storm water inlets; "Durite" asph. conc. headers.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. 19th St., bet. Santa Clara and William: grade; pave with 1½-in. Warrenite-Bitulithic surface on 3-in. bituminous conc. base; hyd. cem. conc. gutters, curbs, walks and alley driveways; install 3 iron grates over existing catchbasins.

SANTA CLARA CO., Cal.—Following bids rec. by State Highway Commission Aug. 6 to grade and surface with gravel 4.5 mi. of highway in Santa Clara County, bet. five miles east of Gilroy and San Felipe:

J. P. Holland, 540 Brannan St. S. F.	$83,104.50
Collins & Feppi, Chico	85,037.75
Tieslau Bros., Berkeley	88,498.00
Engineer's estimate	76,756.50

SAN MATEO, San Mateo Co., Cal.—Until Aug. 20, 8 p. m., bids will be rec. by E. W. Foster, city clerk, to const. rein. conc. pump chamber and for installation of two 6-in. sewer pumps with automatic starter and for removal of old sewer pumps, motors, framework and iron pipe connected with former system. Cert. check 10% payable to city req. G. Stanley Whitehead, city eng. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Bird Ave., bet. Home and Coe Aves.: grade; pave with 2-in. Durite asph. conc. surface on 3½-in. Durite asph. conc. base; hyd. cem. conc. curb, gutter and walks; 2 br. catchbasins; 8-in. vit. pipe drains; Durite asph. conc. headers. 1911 Act & Bond Act 1915. Protests Aug. 27. Wm. Popp, city eng.

CARSON CITY, Nevada—Until Aug. 29, 1:30 p. m., bids will be rec by State Highway Commission, Geo. W. Borden, ch. eng., to const. 11.47 mi. of highway in White Pine county bet. Pancake Summitt and Illipah, involv. 11.47 mi. prepare subgrade and shoulders; 10,700 cu. yds. loading and screening selected material; 35,000 yd. mi. hauling selected material; 10,700 cu yds spreading selected material. Plans obtainable from commission on deposit of $15 returnable.

SACRAMENTO, Cal.—City council, H. G. Denton, clerk, declares inten. to imp. K St., bet. 30th and 31st Sts., involv. 640 lin. ft. curb and gutter; 68 lin. ft. gutter, alone; 13,320 sq. ft. 2-in. asph. conc. pavement. Protests Aug. 23. Albery Givan, city eng.

NAPA, Napa Co., Cal.—Until Aug. 13, 7:30 p. m., bids will be rec. by H. H. Thompson, city clerk, to imp. Lincoln Ave., bet. York and Jefferson Sts., includ. terminations of Spencer and Georgia Sts., involv. grade; const. conc. curbs and gutters; pave with 2-course asph. macadam, 40-ft. wide; 6-in. vit. sewer with flush hole with c. i. frame and cover; 1 conc. catchbasin. Cert. check 10% payable to city req. H. A. Harrold, city eng.

FRESNO, Fresno Co., Cal.—Until 2 p. m., Aug. 17, bids will be rec. by county supervisors for the following Fresno county highway projects: Rte 2, Sec. A, 6.7 mi. of 4-in. asph. conc., 16-ft. wide; Rte. 5, Sec. B, 4.4 mi. 4-in. asph. conc; 16 ft. wide; Rte. 16, Sec. B, 4 mi. 5-in. asph. conc., 16-ft. wide; Rte. 27, Sec. A, 2 mi. of 5-in. asph. conc., 16-ft. wide Rte. 28, Sec. A, 0.6 mi. of 5-in. asph. conc. 16-ft. wide. Cert. check for 10% of proposal must accompany bid. Plans from Co. Surveyor, Chris P. Jensen, 306 Corp Bldg., Fresno. D. M. Barnwell, clk.

PACIFIC GROVE, Monterey Co., Cal.—Until Aug. 15, 8 p. m., bids will be rec. by J. J. Williams, clerk, Pacific Grove Grammar School District, to construct conc. walks, curbs, gutters, walls and open drains, etc., at school site. Cert check 10% payable to clerk req. with each bid. Plans obtainable from clerk at Pacific Grove.

SAN JOSE, Santa Clara Co., Cal—City council, John J. Lynch, clerk, declares inten. to imp. Humboldt St., bet. Mastic and Vine Sts.; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bitulithic cem. bituminous conc. base; conc. curbs and gutters; hyd. cem. conc. walks; 1 br. catchbasin; 8-in. vit. pipe drains; 1 storm water inlet; hyd. cem. conc. alley driveways. 1911 Act and Bond Act 1915. Protests Aug. 27. Wm. Popp, city eng.

SAN DIEGO, Cal.—City Engr. F. A. Rhodes estimates wk. on Mission View Blvd. and Lamont St. to involve 88,344 sq. ft. pavement; 1976 cu. yds. excav.; 609 cu. yds. embank.

SAN FRANCISCO—On recommendation of City Eng. M. M. O'Shaughnessy, the Board of Public Works has requested the supervisors for authority to ask bids to construct concrete parapet roadway in Sutro Heights Park; est. cost $10,000, to be financed through County Road Funds.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Rhode Island St., bet. Mariposa and 19th Sts., including crossings of 18th and 19th Sts., est. cost $17,350, involv. 40,000 sq. ft. conc. pavement; 14,052 sq. ft. asph. conc. pavement; 1600 lin. ft. conc. curb; reset 264 lin. ft. granite curb; reset 9 br. catchbasins.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Galvez St., bet. Lane and Keith Sts., est. cost $4250, involv. 4000 cu. yds. cut; 3700 cu. yds. fill.

SAN FRANCISCO.—Board of Public Works completes spec. to imp. Rhode Island St., bet. 17th and Mariposa Sts., est. cost $675, involv. 590 cu .yds. cut; 555 cu. yds. fill; 12,500 sq. ft. asph conc. pavement; 7500 sq. ft. conc. pavement; 800 lin. ft. conc. curb.

SANTA BARBARA, Cal.—A. B. Cook, Santa Barbara, submitted low bid to supervisors at $36,400 to pave Santa Maria-Suey crossing road with Willite. His bid on Willite and asph. base was $35,600; and on plain asph. $33,100. H. G. Feraud, representing the Willite company bid $37,800 on all Willite road and $36,800 on a Willite surface road. Mr. Cook's bid included the erection of an asph. plant in Santa Maria, to become the property of the county after the work was finished.

PRESCOTT, Ariz.—Henry Galbraith, Jerome, submitted only bid to Yavapai County highway comm. at $204,000 to const. Sec. D of Camp Verde-Fossil Creek highway, approx. 10.62 mi., involv. 16,252 cu. yds. common excav.; 29,158 cu. yds. loose rock excav.; 46,751 cu. yds. solid rock excav.; 13,728 cu. yds. borrow (common); 18,170 cu. yds. loose rock borrow; 20,730 st. yds. overhaul; 1346 lin. ft. 18-in.; 834 lin. ft. 24-in.; 324 lin. ft. 30-in.; 276 lin. ft. 36-in.; and 730 lin. ft. 48-in. C. M. pipe complete in place; 507 cu. yds. rubble conc. headwalls; 697 cu. yds class A conc; 38,900 lbs. reinf. steel in place; 66 cu. yds class B conc.; 1715 cu. yds. earth ditching; 1499 cu. yds. loose rock ditching; 531 cu. yds. solid rock ditching; 290 cu. yds. ballast for fords; 10,420 cu. yds. surfacing, load and spread; 5280 mi. yds. surfacing haul; 600 cu. yds. channel changes (unclass.); 5000 lin. ft. grader ditch; 36 acres light clearing and grubbing; 908 cu. yds. unclass excavj. for structures; 5435 cu. yds. dry rubble retaining walls.

COMPTON, Cal—City trustees declare inten. to imp. following streets:

Wilmington St., bet. Lain and Laurel Sts. and portions of Indigo and other Sts.; grade and pave with 5-in. cem. conc.; const. cem. curb; 5-ft. walks.

Elm St., bet. Compton Ave. and Wilmington St. and portions of other sts.; grade and pave with 5-in. cem. conc.; const. 6-in. vit. pipe hse. sewers; 4-in. water main.

Spruce, Cedar and Elm Sts., bet. Wilmington and Tamarind Sts., grade and pave with 5-in. cem. conc., const. 6-in. vit. pipe hse. sewers; 4-in. water main.

All under 1911 Act and 1915 bond imp act. Maude Hecock, city clerk.

REDDING, Shasta Co., Cal. — Until Aug. 14, 8 p. m., bids will be rec. by Leslie Engram, city clerk, to imp. portions of Market and North Market Sts., involv. grading; const. conc. curb and gutter; conc. walks; conc. catchbasins with c. i. grates; vit. pipe; pave 18-ft. wide with 3½-in. asph. conc. base and 1½-in. Warrenite-Bit. surface. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. E. A. Rolison, city eng.

WILLOWS, Glenn Co., Cal.—Supervisors reject one bid at $6000 to construct Alder Springs-Low Gap road and work order done by force account under supervision of Supervisor J. B. Sale. County appropriates $5000 for the work. Bayard Knock is county surveyor.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., San Diego, submitted low bid to council at $54,329 to imp. 30th St., bet. Adams St. and University Ave., involv. 281941 sq. ft. 1½-in. asph. conc. wearing surface on 4-in. cem. conc. base at 19.2c ft.; 599.6 sq. ft. walk at 23c ft.; 89 ft. curb at 65c ft. Other bids were: G. R. Daley, 20.7c paving; 22c walk; 70c curb; total, $58,556.19; Calif. Constr. Co., 24c paving; 24c walk; 75c curb; total $67,876.71. F. A. Rhodes, city eng.

OILDALE, Kern Co., Cal.—Election will be Sept. 7 to decide the question of organizing the proposed Oildale Sanitary District, the date having been set at the last meeting of the county supervisors. Should the district be organized it is proposed to issue bonds to finance construction of a sewer system. F. E. Smith is county clerk.

DAILY PACIFIC BUILDER

The only daily newspaper in the West whose columns are devoted exclusively to Building News. Covers San Francisco and Bay Counties. $1.25 per month, payable in advance. Send for sample copy.

818 MISSION STREET SAN FRANCISCO, CAL.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Santa Clara St., bet. Market and First Sts., involv. removal of basalt block gutters and portions of pavement and prepare for gravel fill; const. hyd. conc. gutters; remove portions of bituminous wearing surface 6-ft. on each side and replace with asphaltic conc. binder, etc. 1911 Act and Bond Act 1915. Protests Aug. 20. Wm. Popp, city eng.

GRASS VALLEY, Nevada Co., Cal.—City trustees sell $100,000 bond issue to finance paving of streets. Bonds draw 5% interest; were sold at par.

SAN DIEGO, Cal.—Board of Sups. have rejected bids on 3 county highway projects covering 2.89 miles, Buena to Vista; 1.64 mi. Nutmeg to Lime Sts., Escondido, and 3.04 miles, Bernardo to Escondido. New bids will be invited for Aug. 27th on these projects, but to the first named will be added another piece of highway, making approx. 12 mi., Buena to Bonsal; the other two projects will remain as before. Plans and detailed specifications made by County Highway Engr. J. M. Heath.

COLFAX, Placer Co., Cal.—Engineer Jerome A. Barleau, Auburn, has been retained by city trustees to prepare spec. and estimates of cost on various types of hard surface pavements on streets connecting with the state highway. A bond election will be called, following the submission of estimates, to finance the work.

PHOENIX, Ariz.—Until Sept. 5, bids will be rec. by state highway comm., Phoenix, to const. 25 mi. of highway betw. Aztec and Piedra, the last gap on the Phoenix-Yuma highway. N. B. Conway, engr. of Yuma county highway comm.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., submitted low bid to council at $10,996.11 to imp. Indiana St., bet. Robinson and Myrtle Ave., involv. 60,-305.36 sq. ft. paving with 1½-in. asph. conc. wearing surface on 2½-in. bitum. base; 215.10 sq. ft. cem. conc. sidewalk; 86.23 lin. ft. cem. conc. curb; 91 lin. ft. 12-in. conc. pipe culvert, double strength. G. B. Daley bid $12,-187.44. F. A. Rhodes, city eng.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. San Pedro bet. Fox and Bassett Sts., involv. grade; pave with 2-in. Warrenite-Bitulithic surface on 3½-in. bituminous conc. base; hyd. conc. curbs, gutters and walks; 3 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Aug. 20. Wm. Popp, city eng.

SACRAMENTO, Cal.—See Miscellaneous Construction," this issue. 16th street subway. Bids wanted.

COMPTON, Cal.—Geo. H. Oswald, 366 E 58th St., awarded contr. by city trustees to imp. Orange St., bet. Alameda St. and east city limits, by grading at 1.5c sq. ft. and paving with 5-in. cem. conc. pavement a t21.5c sq. ft. 1915 Bond Imp. Act.

GLENDORA, Cal.—The $46,000 bond issue for street improvements carrier at the recent election. Property owners will provide an equal amount, bringing the proposed total for street improvements to $92,000.

SANTA BARBARA, Cal.—See "Bridges," this issue.

EUREKA, Humboldt Co., Cal.—Until Aug. 14, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to furnish crush and haul 2000 cu. yds. crushed rock on Lord-Ellis road bet. Mankin's and North Fork of Mad River bridge, Rd. Dist. 3. Cert. check 5% req. A. J. Logan, county surv.

GLENDALE, Cal. — Peter L. Ferry, Glendale awarded cont. by council at $157,535 to imp. Glendale Ave. Other bids were: Chas. Thompson and Chas. U. Heuser, $160,278.28; Braun, Bryant & Austin, $164,202.75; Southwest Paving Co., $166,636.70; Hall-Johnson Co., $168,269.62.

SAN JOSE, Santa Clara Co., Cal.—City council, John J. Lynch, clerk, declares inten. to imp. Ashbury St., bet. First and San Pedro Sts., involv. grading; pave with 1½-in. Warrenite-Bitulithic surface on 3-in. bituminous conc. base; hyd. conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests Aug. 20. Wm. Popp, city eng.

LOS ANGELES, Cal.—Until 10 A. M., Aug. 13, bids will be rec. by Bd. Pub. Wks. to imp. under Vrooman Act, following streets:

Topango Canyon Ave., bet. Ventura Blvd. and Ybarra St., involv 72,503 ft. light curb; 14,936 ft. heavy curb; 438,-947 sq. ft. walk; 94,062 sq. ft. 6-in. cem. concr. 1719 ft. 1¼-in. lighting conduit.

Ave. 33, bet. Lupin Terrace and 469 ft. s; grade and oil; const. curb, walk, gutter.

BAKERSFIELD, Kern Co., Cal.—F. W. Nighbert, Bakersfield, at $10,557.77 awarded cont. by county supervisors to pave unfinished portion of Oak St., from Bakersfield city boundary south, in Rd. Dist. No. 2.

LOS ANGELES, Cal.—G. A. Constantine, 910 Haas Bldg., Los Angeles, submitted low bid to supervisors at $10,-775.15 to imp. Miramonte Blvd., and portions of Florence Ave. and Nadeau St., under county imp. No. 12, involving (1) 2760 cu. yds. excav., 63.4c yd; (2) 5010 lin. ft. curb, 55c ft.; (3) 19,765 sp. ft. walk, 18.5c ft.; (4) 9590 sq. yds. oil and screenings roadway, 27.25c.

TUCSON, Ariz.—Preliminary plans to pave East Speedway, bet. Stone Ave. and the city limits have been adopted. Est. cost. $125,000. This imp. will consist of some standard type paving 46 ft. wide; curbs, walks and gutters. This work is approx. 2¼ mi. long. G. H. Atcheley, city engr.

SACRAMENTO, Cal. — City council, H. G. Denton, clerk, declares intention to imp. V St., bet. 32nd and 34th Sts., involv. 815 cu. yds. excavation; 1502 lin. ft. curb and gutters; 45 lin. ft. gutter, alone; 130 lin. ft. 6-in. vit. ironstone pipe; 576 sq. ft. conc. walks; 18,900 sq. ft. asph. conc. pavement. Protests Aug. 23, Albert Givan, city eng.

VENICE, Cal.—Sander Pearson, Los Angeles, awarded contracts by city trustees to imp:

Santa Clara Ct., bet. 6th and California Aves., involv. 5944 sq. ft. grading at 4.75c ft.; 5746 sq. ft. 4-in. conc. paving at 22c ft.; redwood headers, 10c lin. ft.

58th Ave., bet. Speedway and Trolleyway, involv. 1702 sq. ft. grading at 5c ft.; 1702 sq. ft. 4-in. conc. paving at 22c ft.; curb at 90c ft.

57th Pl., involv. 2016 sq. ft. grading at 5c ft.; 2016 sq. ft. 4-in. conc. paving at 22c ft.; 30-in. curb at 95c ft.

SANTA ANA, Cal.—Basich Bros., 2103 W 28th St., Los Angeles, awarded cont. by supervisors at $5663.85 to pave Jefferson Ave., from the Santa Ana river bridge to the Santa Ana Canyon Rd., bet. Olive and Corona, in 4th Rd. Dist. involv. 315 cu. yds. excav.; 800 cu. yds. gravel sub-grade; 48,240 sq. ft. spreading, wetting and rolling; 640 cu. yds. conc.; 8000 lbs. reinf. steel. Plans upon deposit of $5. Other bids were: Oglesby & Dahl, $7540.70; Wells & Bressler, $8,-460.50.

WHITTIER, Cal. — Res. of Inten adopted by city trustees to imp. under 1911 Act, following streets:

Grena Ave., bet. Broadway and s city limits; grade and pave with 6-in. cem. conc.

Short St., bet. Painter and Bright Aves., grade and pave with 6-in. cem. conc.; const. walk, curb, gutter, reinf. conc., catch basins, culvert.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Empire St., bet. 1st and 10th Sts., involv. grading; pave with 1½-in. Warrenite-Bitulithic surface on 3-in. bituminous conc. base; hyd. conc. curbs and gutters; 9 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Aug. 20. Wm. Popp, city eng.

EUREKA, Humboldt Co., Cal.—Until Aug. 14, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to furnish, haul and distribute gravel on Humboldt Hill road bet. State Highway and Golf grounds, in Rd. Dist. 3. Cert. check 5% req. A. J. Logan, county surv.

CORNING, Tehama Co., Cal.—Bonds of $30,000 have been voted to finance extensions of sewer system. W. F. Lunning, city eng.

MARTINEZ, Contra Costa Co., Cal.—Until Sept. 2, bids will be rec. by county supervisors to pave 1½-mi. of Marsh Creek road near Excelsior school concrete, 15-ft. wide and for 700 ft. of road over Cemetery Hill; est. cost of former project, $30,970. R. R. Arnold, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Until Aug. 13, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. following sts. under 1911 Act and Bond Act 1915:

Martha St., bet. 5th and 7th Sts.: grade; 1½-in. Warrenite-Bitulithic surface on 3-in. Bitulithic cem. bituminous conc. base; conc. curbs and gutters; art. stone walks.

Palm St., bet. Grant and Willow Sts: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bitulithic cem. bituminous conc. base; conc. curbs and gutters; art. stone walks; 10 br. catchbasins; 8-in. vit. pipe drains.

Twenty-third St., bet. Santa Clara and Williams Sts.: grade; pave with 1½-in. Warrenite-Bitulithic surface on 3-in. Bituminous conc. base; hyd. conc. curb, gutter, and walks.

St. John St., bet. 14th and 15th Sts.: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bitulithic cem. bituminous conc. base; conc. curb and gutter.

21st St., bet. Santa Clara and William Sts.: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curbs, gutters and walks, and driveways.

Cert. check 10% payable to city of San Jose req. Wm. Popp, city eng.

PHOENIX, Ariz.—State supreme court has affirmed the judgment of the Maricopa county superior court that the Salt River Valley Water Users' Assn. acted within its rights in undertaking and financing the Mormon Flat development and that the bond issue constitutes a first lien upon the lands of the project. This decision opens the way for the immediate construction of the Mormon Flat dam, for which $1,-800,000 bond issue was voted some time ago. The new project involves the addition of 7000 h. p. to the generating system of the assn. The total capacity of the Roosevelt plant will be increased to 20,000 h. p. The Mormon Flat dam will retain the water, which escapes from the power plant at the larger dam until needed for irrigation without any loss of water. Heretofore the water used for power purposes has been entirely lost.

BURBANK, Cal. — Until 7:30 p. m., Aug. 14, bids will be rec. by trustees to imp. under 1911 Act, following sts.:

Providencia Ave., bet. San Fernando Blvd. and Crescent Ave.; grade and pave with oil and rock; const. cem. conc curbs and walks, cem. conc. and corru. iron storm drain.

Varney St., bet. Verdugo Ave. and Providencia Ave., grade and pave with oil and rock macad.; const. cem. concr. gutters, curbs and walks.

Verdugo Ave., bet. San Fernando Blvd and Olive Ave., grade; pave with 6-in. cem. conc.; const. conc. gutters, conc. and corru. iron storm drain.

F. S. Webster, city clerk.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, submits low bid to supervisors to imp. Pomona Blvd., bet. city limits of El Monte and 54.91 ft. w Rd. Dist. No. 1, involv. 2447 sq. yds. shaping roadbed, 20c yd.; 548 tons asph. conc. base at $6 ton; 274 tons 2-in. asph. conc. top at $6.50 ton; 245 tons asph. conc. over bridge at $6.02 ton; 330 cu. yds. macad. or disin. granite removal at $1 yd.; 2477 sq. yds. replacing disin. granite or macad. at 15c yd.; 632 lin. ft. shaping shoulders at 10c ft.; 3952 sq. yds. asph. flush coat at 15c yd.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to imp. Avalon St., bet. Preson Ave. and Lemoyne St., were: C. W. Shafer, 222 W. 23rd St.—122¼ q. ft. grading at 11c ft.; 122¼ sq. ft. oncr. paving at 30c ft.; 3435 sq. ft. ough grading at 30c ft.; 3435 sq. ft. nish grading, oiling and rolling at 0c ft.; 173 ft. curb at $1 ft.; 725 sq. ft. valk at 30c ft.; 295 sq. ft. gutter at 40c t.; reinf. concr. stairway at $3000. L. E. Davis, 861 W 57th St.—3c rading; 25c conc. paving; 46c rough rading; 10c olling; 75c curb; 23c walk; 2c gutter; $4299 reinf. concr. stairway. Geo. R. Curtis, 2440 E. 26th St., low idder to imp. Hawthorne Ave., bet. IcCadden Pl. and Highland Ave., inolv. grading at $500 (lump sum); 1302 q. ft. asph. paving, 25c ft.; 288 sq. ft. onc. paving, 25c ft.; 18 ft. curb, 70c ft.; 61 sq. ft. gutter, 25c ft.

RICHMOND, Contra Costa Co., Cal. —City Council orders plans prepared to ave Macdonald Ave., bet. 23rd St. east o San Pablo. Following projects will e undertaken this Spring: Widen ullman Ave. under Santa Fe viaduct; epave Garrard Blvd., and Nevin Ave., nd 34th, 37th, 38th, 39th, 40th and 1st Sts. H. D. Chapman, City Eng.

SACRAMENTO, Cal.—No bids rec. y county supervisors to pave with onc. 1 mi. of Orangevale school road rom concrete pavement in Water Ave. o point one mile east. County Eng. nstructed to do work by day labor.

SAN FRANCISCO — Bd. Pub. Works ompletes spec. to sewer Santiago St., et. 19th and 20th Aves., involv. 48 lin. t. conc. curb; 12,000 sq. ft. asph. conc. avement; 255 lin. ft. 8-in. and 115 n. ft. 12-in. sewer; 100 lin. ft. 6-in. onstone pipe side sewer; 17 8-in. wye ranches; 2 br. manholes; est. cost, 5000.

SAN BERNARDINO COUNTY, Cal.—ntil Aug. 23, 2 p. m., bids will be e, by C. H. Sweetser, Dist. Eng., U. S. ur. Pub. Roads, 9 Main St., San Franco, to const. extension to Big Bear alley Natl. Forest highway in San ernardino county, approx. 2-mi. ln ngth, involv. clearing of entire proct; 50,900 cu. yds. unclassified excaation; 75 cu. yds. A conc.; 64 cu. yds. ement rubble masonry; 9000 lbs. rein. eel; 1222 lin. ft. conc. pipe; 100 sq. is. hand placed embankment. **See call r bids under official proposal secon in this issue.**

BAKERSFIELD, Kern Co., Cal.—Myers & Stoll, Bakersfield, at $4625 awarded cont. by Wasco High School District to cons. curbs, walks and driveways at school grounds.

SACRAMENTO, Cal.—Until Aug. 27, bids will be rec. by Harry W. Hall, county clerk, to repair Steamboat Slough road on Grand Island in vicinity of Walkers' Landing; est. cost $12,000. Plans obtainable from clerk.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Bldg., submits low bid to Board Public Works to improve Oakwood Ave., bet. Normandie and Western Aves. grading at $3900 (lump sum); 9879 sq. ft. conc. paving 22c ft.; 87,257 sq. ft. bitum. base paving 15.5c ft.; 1729 sq. ft. oiling and rolling 10c ft; 1243 ft. curb 70c ft; 4979 sq. ft. walk 21c ft.; 4561 sq. ft. gutter at 28c ft.

SAN MATEO, San Mateo Co., Cal.—Downer and Mero, 401 16th St., Richmond at $164,005 awarded contract by city trustees to imp. Creek, Cypress, Tilton, Mr. Diablo Aves., etc., involving grade; pave with 5-in. hyd. cem. conc.; const. hyd.| cem. conc. curb; 6-in. vit. pipe main sewers and 4-in. vit. pipe main sewers and 4-in. vit. pipe lateral sewers; conc. catchbasins and br. manholes; 12-in. vit. pipe drains, etc. Other bids: Galbraith and Janes, $167,997; L. J. Cohn, $175,553; Smith Bros. and Callahan, $177,687; Frederickson and Shannon, $182,783.

GLENDALE, Cal.—Until 7 p. m., Aug. 16, bids will be rec. by council for imp. Sycamore Canyon Rd., bet. Sinclair and east city limits, involv. 2295 lin. ft. grading; 930 lin. ft. curb; 3726 sq. ft. gutter; 55,820 sq. ft. 5-in. oil macad.; 2098 lin. ft. 8-in. cast iron water pipe.

WATSONVILLE, Santa Cruz Co., Cal. —Granite Construction Co., Watsonville awarded cont. by Board of Aldermen to imp. portions of Brennan, Palm, Rodriguez Sts., etc., by re-macadamizing and oiling with asph. oil; const. conc. curbs and gutters.

SANTA ANA, Cal.—Wells & Bressler Santa Ana, only bidder, awarded cont. by council at 24c sq. ft. to grade and pave Bachman Dr., bet. N Main St. and east end of Bachman Dr., involv. 9070 sq. ft. conc. and belt finish wearing surface.

FRESNO, Fresno Co., Cal.—F. H. Sutton, interested property owner, seeks formation of assessment district involving approx. 3000 acres, to finance the paving of six miles of highway in the North Fresno district to cost approx. $500,000. A petition seeking formation has been presented to the county supervisors. Dr. W. P. Winning, Holland Bldg., Fresno, is also interested in project. Chris P. Jensen, Cory Bldg., Fresno, is county surveyor.

WOODLAND, Yolo Co., Cal.—Until Aug. 23, 10 a. m., bids will be rec. by H. R. Saunders, county clerk, to const. Prefix 7 of county highway system, being portion of Jefferson Blvd. in Reclamation District No. 900, involv. (Item 1) 3230 tons 2-in. to 3-in. minumum asph. conc. wearing surface; (item 2—alternate for item 1) 3230 tons 2-in. to 3-in. minimum Willite pavement. Plans obtainable from County Surveyor Asa G. Proctor on deposit of $5, returnable.

COLUSA, Colusa Co., Cal.—City trustees will ask bids shortly to construct outlet for town sewer; est. cost $6000. Bids will be opened about Aug. 27.

LOS ANGELES, Cal.—Western Const. Co., 127 N Larchmont Blvd., awarded cont. by S. H. Woodruff to imp. his new subdivision known as Hollywoodland, involv. approx. 125,000 lin. ft. of streets. Work comprises 18-ft. 5-in. cem conc. roadways; curbs, walks and gutters; ornam. light sys. A central mixing plant has been erected to supply conc. for the project.

ALAMEDA, Alameda Co., Cal.—Due to the fact that only one property owner petitioned to open Morton St. from Pacific Ave. to the Estuary, City Mgr. Clifton has recommended that council reject petition. Would cost $54,200, of which $22,000 would be for purchase of rights of way.

SAN LUIS OBISPO, Cal.—City council orders plans prepared to pave Osos street; work to be done under 1911 Act.

LOS ANGELES, Cal.—Until 10 a. m., Aug 20, bids will be rec. by Bd. Pub. Wks. to imp. under Vrooman Act following streets:

Tenth St., bet. Gaffey and Meyler Sts., involv. 152 sq. ft. asph. paving; 81,077 sq. ft. conc. paving; 360 sq. ft. oiling and rolling; 3337 ft. curb; 17,262 sq. ft. walk; 153 sq. ft. gutter; san. sewer; catchbasin.

Hobart Blvd., bet. Lemon Grove and Melrose Aves., involv. 54,342 sq. ft. bitum. base paving; 1236 ft. curb; 3310 sq. ft. walk; 29 ft. hse. sewers.

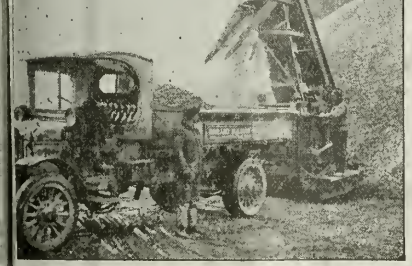
SAN FRANCISCO—Eaton & Smith, 715 Ocean Ave., at $0.125 sq. ft. awarded cont. by Southern Pacific Co. to repave with 2-in. wearing surface of asph. conc. portions of Townsend St., bet. 4th and 8th Sts. Bond of $13,000 has been put up by contractors.

VISALIA, Tulare Co., Cal.—City trustees approve spec. to pave West Center St., bet. Floral and Hall and Giddings St., bet. Center and Main Sts. L. H. Gadsby, city eng.

SAN DIEGO, Cal.—Until 10:30 a. m., bids will be rec. by City Clerk A. H. Wright, to pave 12th St., extension in Balboa Park, involv. 2140 cu. yds. earth excav. and 159,142 sq. ft. of paving. Bids will be asked on 3 types of paving; 1½-in. bitul. wearing surface on 3-in. bitum base; 1½-in. Topeka mixture asph. wearing surface, Willite process, on 3-in. asph. conc. base, Willite process, 1½-in. asph. conc. wearing surface on 3-in. bitum. base. Cert. check 5/. F. A. Rhodes, city engr.

MARTINEZ, Contra Costa Co., Cal.—T. E. Clinch, 668 9th St., Richmond, at $2065.25 awarded contract by city trustees to const. 8-in. vit. sewer in Howard St., bet. Ferry St. and Alhambra Creek and a 6-in. vit. sewer in Mill St., bet. Howard St. and the south line of tideland survey No. 4, together with manholes, lampholes and house connections. James T. Sayles, Martinez, bid $3010.35.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

SACRAMENTO, Cal.—No bids rec. by county supervisors to pave 3000 ft. of Pennsylvania Ave., at Rio Linda with concrete. County Eng. instructed to do work by day labor. Harry W. Hall, county clerk.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, submitted low bid to Bd. Pub. Wks. at approx. $285,000 to imp. 5th St., bet. Beacon St. and Pacific Ave., involv. (1) grading $140,000 (lump sum); (2) 104,762 sq. ft. asph. paving 25c ft.; (3) 10,467 sq. sq. ft. cem. conc. paving 25c ft.; (4) 197,187 sq. ft. bitum. base paving 24c ft.; (5) 13,403 ft. curb 70c ft.; (6) 179 sq. ft. walk 22c ft.; (7) 13,417 sq. ft. gutter 28c ft.; (8) storm drain complete in Fifth St., Beacon St. and Harbor Blvd. at $31,500; (9) san. sewer complete at $10,500; (10) 5817 ft. hse. sewers $1.50 ft.; (11) iron pipe conduits complete, $1850; (12) Mesa St. storm drain complete, 5th to 6th Sts., $1200; (13) flush tank, manhole, and remodeling of flush tank at $700; (14) Centre St. storm drain at $1200. Other bids were:

G. A. Constantine—(1) $135,450; (2) 26c; (3) 23.5c; (4) 23.5c; (5) 67c; (6) 24c; (7) 26c; (8)$38,185; (9) $10,925; (10) $1.73; (11) $1842; (12) $850; (13) $1090; (14) $500.

Geo. H. Oswald—(1) $240,000; (2) 27c; (3) 26c; (4) 26c; (5) 75c; (6) 25c; (7) 30c; (8) $40,500; (9) $13,000; (10) $2; (11) $2000; (12) $1000; (13) $1300; (14) $650.

PETALUMA, Sonoma Co., Cal.—Woods & Silva, Petaluma, submitted only bid to city council to imp. Broadway, bet. Bassett St. and Lot 177, involv. grading; const. conc. curbs and gutters; macadamize with stand. oil macadam. Bid rejected and project ordered re-advertised. 1915 Bond Act. Cert. check 10% payable to city req. N. S. Frost, City Eng.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 4, 11 A. M., bids will be rec. by county supervisors to imp. Lower Sacramento road for 7,350 ft. from Calaveras bridge; will be widened to 18 ft. F. E. Quail, County Surv.

SACRAMENTO, Cal.—No bids rec. by County Supervisors to pave with asph. macadam Hood-Franklin Rd. from Hood easterly 3,076 ft. and county eng. instructed to proceed with work by day labor.

MODOC COUNTY, Calif.—Until Aug. 21, 2 p. m., bids will be rec. by Dist. Eng. U. S. Pub. Wks. 9 Main St., San Francisco, to surface Adin to Adin Sumit Natl. Forest Highway in Modoc county, 28-mi. s.w. of Alturas, approx. 10.9 mi. in length. Project involves 17,300 cu. yds. crushed rock gravel surfacing. C. H. Sweetser, dist. eng. **See call for bids under official proposal section in this issue.**

SACRAMENTO, Cal.—Until Aug. 27 bids will be rec. by Harry W. Hall, county clerk, to imp. Dutch Flat Road from Lambert Station east 1600 ft., involv. 6252 cu. yds. grading; est. cost $3500. Plans obtainable from clerk.

TUSCON, Ariz. — City Councilman John Pfeiffer states that plans for imp. dist. in the south part of city are under way. Work involv. grading, curbs and drainage, costing $60,000. The district comprises about 80 blocks. G. H. Atcheley, City Eng.

SALINAS, Monterey Co., Cal.—W. A. Dontanville, Salinas, only bidder, at 3,632 awarded cont. by council to imp. portions of South Capitol St. by grading and paving with 6-in. water bound pavement; const. conc. catchbasins with c. i. grating and frame; 10-in. corru. galv. iron culvert pipe bet. catchbasins.

SACRAMENTO, Cal.—Skeels & Hudson, Auburn, Calif., at $31,368.74 submits low bid to supervisors to imp. Grant Line road from end of present conc. pavement n. e. to Jackson road. General Constr. Co., San Francisco only other bidder at $38,082.20.

NATIONAL COMMERCE CHAMBER SEEKS EMPLOYMENT FOR DISABLED VETERANS

An appeal to business organizations to assist in absorbing into industry the three or four thouand disabled war veterans who are completing government training courses monthly is made by the Chamber of Commerce of the United States. The National Chamber calls attention to the obligation which rests on the business interests of the country to co-operate with the government to the end that all of the men be given employment.

"The men who are being trained," says the National Chamber "are trained in many lines and are prepared to meet adequately the physical and mental demands that their new occupations will place upon them. The government can only rehabilitate and train the men up to the point of employability. From this point the employing interests of the country must carry on."

"On March 1st, the Veterans Bureau had in training in the professions, 12,618 men, comprising architects, civil engineers, mechanical engineers, mining engineers, lawyers, welfare workers, etc.; in the commercial lines, 20,763 men, comprising accountants, advertisers, bookkeepers, business managers, employment agents, foreign trade, salesmen, etc.; in trades and industries, 12,714 men, comprising carpenters, draftsmen, electricians, machinists, patternmakers, plumbers, typewriter repairmen, welders, etc.; in agricultural lines, 11,410 men.

The majority of these men have been in training for more than two years. More than 10,000 men have been in training for three years. Most of the reports that have come to the central office of the Veterans' Bureau in Washington from the employers of the country who have had these men in their employ give favorable reactions as to the satisfactory service of the rehabilitated men.

More than 30,000 of the men have been rehabilitated and have gone into employment within the last two years. Statistical studies made on some 20,000 show that they are earning more in their new vocations than they earned before the war and before they received their disabilities or handicaps from service in the army.

W. S. WETENHALL CO. MOVES

W. S. Wetenhall Company, formerly located at 604 Mission street, Atlas Building, San Francisco, have moved their offices and warehouse to the northeast corner of 17th and Wisconsin streets. Telephone Hemlock 1480.

The move is made to permit the company to afford better service in the receipt and shipment of reinforcing steel.

S. P. TO MAINTAIN SASH AND DOOR RATES

Proposals of the Southern Pacific Railroad system to make rates of 74.5 cents per hundred pounds on sash and doors moving from California and Oregon mills to the Atlantic Coast, when routed via Galveston and boat lines to New York City, have been held unreasonable by the Interstate Commerce Commission.

Schedules incorporating the rates, which would have constituted a reduction, have never gone into effect, having been suspended by the commission on complaint of lumber interests in the Mississippi valley and Wisconsin. They will now be canceled and present schedules will be maintained.

The commission said that the reduction involved in the 74.5 cent rate were less than reasonable, but that the Southern Pacific would be allowed to file other schedules containing higher rates, upon which the commission would express a judgment.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

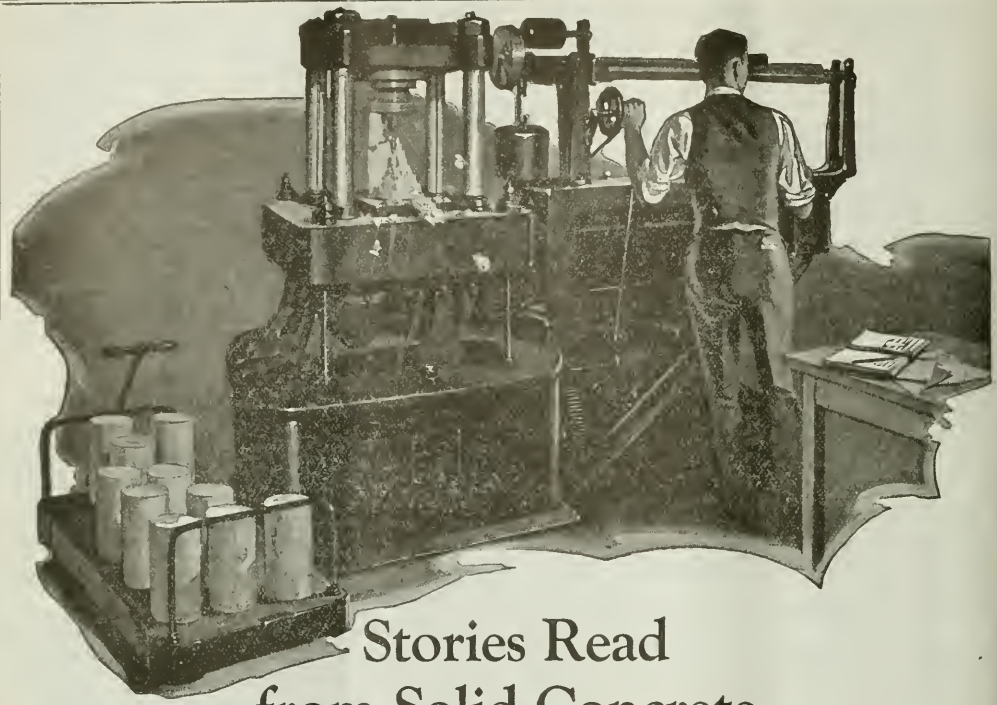
TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....



Stories Read from Solid Concrete

From characters graven on tablets picked up in dusty Egyptian and Babylonian ruins scientists read the stories of ancient civilizations.

Every day in a Chicago laboratory other scientists translate from concrete cylinders stories of infinitely greater importance to men and women of today.

A research engineer sets a 6-inch cylinder of concrete on a heavy press. Hidden machinery starts. The huge apparatus commences to register pressure — 100,000 pounds, 150,000 pounds, perhaps 200,000 pounds. The cylinder fractures with a report like a one-pound gun. The engineer jots down some figures, clears the press and prepares to test another cylinder.

For such testing machines are only a small part of the equipment of the Structural Materials Research Laboratory, which has been maintained by the Portland Cement Association in cooperation with the Lewis Institute, Chicago, since 1916.

Patiently and with scientific exactness the engineers carry on their constant research. Perhaps five years have elapsed since these cylinders of concrete were made at the laboratory Thousands of them are kept on hand, aging under carefully controlled conditions. Testing them to destruction helps to prove one of the scores of things which the laboratory is studying — the relative strength of concrete when made with various proportions of water; with aggregates of various size and grading; when mixed for various lengths of time.

Over 240,000 experiments and 150,000 test pieces have been made in this laboratory during the past five years.

Those who build great structures, roads, and homes, are daily profiting from the economies which this laboratory's research work has made possible, for everything it learns is made available to everyone who wants the information, without charge.

By saving money for you and other cement users — by helping you to get better concrete — the cement industry through its laboratory aims to serve.

PORTLAND CEMENT ASSOCIATION

785 Market Street
SAN FRANCISCO

A National Organization
to Improve and Extend the Uses of Concrete

OFFICES IN 28 OTHER CITIES

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2977	Murphy	Owner	12000
2978	Hill	Owner	25000
2979	Crescio	Brisa	5000
2980	Alpert	Owner	1000
2981	Apte	Owner	1800
2982	Backman	Owner	4000
2983	Schwartz	Owner	10000
2984	Bergmann	Lundquist	3200
2985	Nicholson	Horstmeyer	3500
2986	Bridge	Diestel	1500
2987	Leigh	Owner	4000
2988	Commary	Vukicevich	2500
2989	Bass	Barrett	14000
2990	Janssen	Owner	13900
2991	Same	Same	15800
2992	Fitzhugh	Vermont	41775
2993	Kaye	Bienfield	20904
2994	S P Co	Haun	2800
2995	Arnott	Arnott	12000
2996	McCarthy	Arnott	3000
2997	Little	Owner	——
2998	Parkside	Owner	4000
2999	Metropolitan	Owner	2600
3000	Lange	Arnott	5000
3001	McCarthy	Arnott	3000
3002	Johnson	Arnott	3000
3003	Denucci	Carraros	4000
3004	Sweeney	O'Brien	8000
3005	Bothin	Arras	18000
3006	Govednik	Cuneo	4556
3007	Midbust	Owner	7000
3008	Grosman	Owner	4000
3009	Driscoll	Americon	3950
3010	Same	Maundrell	5500
3011	Same	Scott	3685
3012	Same	Klimm	12517
3013	Same	G G Iron	12600
3014	Same	Martin	77670
3015	Catona	Filippi	11000
3016	Urban	Leonard	12000
3017	Kuennecke	Snyder	1000
3018	Magnon	Owner	2500
3019	Koch	Johnson	1000
3020	California	Folkenberg	8000
3021	United	Hame	1000
3022	Grahan	Owner	3000
3023	Same	Same	3000
3024	Koster	Grimes	4000
3025	Herrington	Owner	2000
3026	Sturmann	Herrington	2000
3027	Herman	Miller	15950
3028	St. Francis	Wilson	13247
3029	McKnight	Owner	2500
3030	Gawthorne	Jones	6000
3031	Roman	Brueck	2000
3032	United	Owner	3700
3033	French	Cuthbertson	9400
3034	P. G. & E. Co	Owner	85000
3035	Wesson	Wilson	13000
3036	Ryan	Pereira	3000
3037	Connor	Barrett	821
3038	Humboldt	Smith	1841
3039	Humboldt	Sartorius	4736
3040	Humboldt	Martin	2476
3041	Max	Lindeman	14000
3042	Lindeman	Lindeman	14000
3043	Cormella	Lindeman	14000
3044	Cornelia	Lindeman	14000
3045	Carlo	Conrad	4255
3046	Ramacciotti	Tormey	2325
3047	Pasqualetti	American	25000
3048	Reilly	Reilly	45000
3049	Arnott	Arnott	4000
3050	Hanratty	Finegan	8200
3051	Heights	Owner	1000
3052	Swift	Gibson	16000
3053	Winant	Swanson	4000
3054	Horgan	Owner	8000
3055	Moffit	Owner	4000
3056	Feerick	Owner	14000
3057	Sala	Mitchell	4000
3058	Allyne	U. S.	9040
3059	Maslach	Jenkins	2490

FLATS
(2977) SE BALBOA & EIGHTH AVE. 2-story and basement frame (4) flats.
Owner—John Murphy, 779 San Jose Ave San Francisco.
Designer—J. W. Miller, 3324-A 16th St. San Francisco. $12,000

STORES & FLATS
(2978) SE FORTY-SECOND AVE. & Balboa. Two-story and basement frame stores and (4) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $25,000

DWELLING
(2979) NE WOOLSEY AND DARTMOUTH. One-story and basement frame dwelling.
Owner—E. Crescio, Premises.
Architect—Paul F. Demartini, 946 Broadway, San Francisco.
Contractor—A. Brisa, 527 Vallejo St., San Francisco. $5000

WAREHOUSE
(2980) PHELPS AND LA SALLE Ave. One-story frame warehouse.
Owner—Alpert Packing Co., 3rd and Evans Ave., San Francisco.
Architect—None. $1000

DWELLING
(2981) S ARLETA 50 E Delta. One-story and basement frame dwlg.
Owner—Harry Apte, 397 Leland Ave., San Francisco.
Architect—None. $1800

DWELLING
(2982) E FOERSTER 50 N Staples. One-story and basement frame dwelling.
Owner—Backman Bros., 537 Chenery St., San Francisco.
Architect—None. $4000

DWELLING
(2983) S WEST CLAY 60 E Twenty-seventh Ave. Two-story and basement frame dwelling.
Owner—Sol. Schwartz, Care Architect.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $10,000

DWELLING
(2984) S ARMY 240 E Sanchez. One-story and basement frame dwlg.
Owner—Fred Bergman, % Zellerbach Paper Co., Battery and Jackson Sts., San Francisco.
Designer—C. Lundquist, 1511 Baker St., San Francisco.
Contractor—C. Lundquist, 1511 Baker St., San Francisco. $3200

ADDITIONS
(2985) W ORD 250 N 17th. Construct additions for dwelling.
Owner—H. M. Nicholson, premises.
Architect—None.
Contractor—Wm. Horstmeyer Co., 31 Ord St., San Francisco. $3500

EXTEND HALL, ETC.
(2986) SW CALIFORNIA AND JOYCE Extend hall and rear stairs; remove partitions and plumbing fixtures and redecorate for apartments.
Owner—Henry S. Bridge, 248 Russ Bldg San Francisco.
Architect—none.
Contractor — Diestel and Vezina, 248 Russ Bldg., S. F. $1500

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLING
(2987) E THIRTY-FOURTH AVE 200 N Balboa. 1-story and basement frame dwelling.
Owner—D. Leigh, 840 44th Ave., S. F.
Architect—None. $4000

UNDERPIN SHOP
(2988) 48 TEHAMA ST. Underpin machine shop with brick.
Owner—W. T. Commary.
Architect—None.
Contractor—Vukicevich and Bagge, 185 Stevenson St., S. F. $2500

ADDITION
(2989) NE KANSAS AND TWENTY-fourth Sts. Addition of one story concrete for offices.
Owner—Bass-Hueter Paint Co., 24th & Kansas Sts., S. F.
Engineer—W. H. Ellison, Pacific Bldg. San Francisco.
Contractor—Barrett and Hilp, 918 Harrison St., S. F. $14,000

DWELLINGS
(2990) E TWENTY-FIFTH AVE. 275 300 S Geary. 2 2-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $6950 each

DWELLINGS
(2991) E 35th AVE. 125 & 150 N Anza; W THIRTY-FOURTH AVE. 175 200 N Anza. 4 1-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $3950 each

OFFICE BLDG.
(2992) NE POST AND POWELL N 137-6xE 162-9. Interior marble work for ten-story Class A office building.
Owner—Wm. M. and Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Vermont Marble Co., 244 Brannan St., San Francisco.
Filed Aug. 2, '23. Dated Aug. 2, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $41,775
Bond, $20,888. Surety, Fidelity & Deposit Co. of Maryland. Limit, forfeit, none. Plans and specifications filed.

APARTMENTS
(2993) S IRVING 52-6 E Eighth Ave. E 50xS 100. All work for two-story store and apartment building.
Owner—Fred M. Kaye, 400 Clement St., San Francisco.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—D. L. Bienfield, 180 Jessie St., San Francisco.
Filed Aug. 2, '23. Dated Aug. 2, '23.
Within 5 days after the 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $20,904
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(2994) LOCATION NOT GIVEN. All work for alterations to Market St. sidewalk fronting Southern Pacific Company's general office building.
Owner—Southern Pacific Co.
Architect—None.
Contractor—C. C. W. and H. H. Haun, 180 Jessie St., San Francisco.
Filed Aug. 2, '23. Dated Aug. 1, '23.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $2800
Bond, $2100. Surety, National Surety Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

DWELLINGS
(2995) W JULES AVE 200 S Holloway
E FAXON AVE 100, 175 and 200 S Grafton. Four one-story and basement frame dwellings.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $3000 ea

DWELLING
(2996) E FAXON AVE 150 S Grafton. One-story and basement frame dwelling.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—James A. Arnott & Son, 235 Granville Way, S. F. $3000

FOUNDATION
(2997) NW TAYLOR & O'FARRELL. Foundation only for 12-story Class A hotel building.
Owner—M. A. Little, % Architect.
Architect—Edward E. Young, 2002 California St., S. F $——
NOTE:—This is a partial permit.

DWELLING
(2998) W TWENTY-SEVENTH AVE 200 S Taraval. One-story and basement frame dwelling.
Owner—Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

GARAGE
(2999) E HERON 200 E Eighth. One-story frame private garage.
Owner — Metropolitan Laundry Co., Harrison St. near 8th, S. F.
Architect—None. $2600

RESIDENCE
(3000) N PACHECO 100 E Ninth Ave. Two-story and basement frame residence.
Owner—Lang Realty Co., First Nat'l. Bank Bldg., San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $5000

DWELLING
(3001) E FAXON AVE 125 S Grafton. One-story and basement frame dwelling.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $3000

DWELLING
(3002) E CAPITOL 225 N Lakeview. One-story and basement frame dwelling.
Owner—B. F. Johnson.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $3000

DWELLING
(3003) E COLERIDGE 405 N Virginia. One-story and basement frame dwelling.
Owner—A. Denucci, 17 Eugena St., San Francisco.
Architect—None.
Contractor—G. Carraros, 750 Felton St., San Francisco. $4000

FRAME FLATS
(3004) N CLINTON PARK 117-6 W Valencia. Two-story and basement frame (4) flats.
Owner—Eugene and Margaret Sweeney, 430 30th St., San Francisco.
Architect—None.
Contractor—O'Brien Bros., 928 Oak St. San Francisco. $8000

LOFTS
(3005) SE RITCH AND BRANNAN. Two-story and basement reinforced concrete lofts.
Owner—Bothin Real Estate Co., Atlas Bldg., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Adam Arras Co., 180 Jessie St., San Francisco. $18,000

DWELLING
(3006) E SAN BRUNO 62-6 N 18th. One-story and basement frame dwelling.
Owner — M. Govednik, 590 San Bruno Ave., San Francisco.
Architect—John P. Cuneo, 5079 Mission St., San Francisco.
Contractor—J. P. Cuneo and F. DeMartini, 5079 Mision St., S. F. $4665

FRAME FLATS
(3007) W PIERCE 111-6 N Fell. Two story and basement frame (2) flats.
Owner—P. Midhust, 508 Scott St., S. F.
Architect—None. $7000

DWELLING
(3008) W CURTIS 100 N Morse. One-story and basement frame dwlg.
Owner—W. E. Grosman 51 Curtis St., San Francisco.
Architect—None. $4000

APARTMENTS
(3009) NW GEARY AND LEAVENworth W 80xN 62-6. Electrical work for Class C concrete apartment building.
Owner—Mrs. Annie Driscoll.
Architect—Sylvain Schnaittacher, 233 Post St., San Francisco.
Contractor—Walter R. Mobley and M. McDermott (as American Electrical Eng. Co.)
Filed Aug. 4, '23. Dated July 27, '23.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3950
Bond, none. Limit, as fast as required. Forfeit, $20. Plans and specifications filed.

(3010) PAINTING ON ABOVE.
Contractor—Maundrell & Bowen, 320 Hayes St., San Francisco.
Filed Aug. 4, '23. Dated July 27, '23.
Payments same as above.....
TOTAL COST, $5500
Bond, none. Limit, as fast as required. Forfeit, $20. Plans and specifications filed.

(3011) HEATING ON ABOVE.
Contractor, Scott Co., 243 Minna St., San Francisco.
Filed Aug. 4, '23. Dated July 27, '23.
Payments same as above.....
TOTAL COST, $3685
Bond, $1850. Sureties, Wm. P. Scott and H. W. Van Pelt. Limit, forfeit, none. Plans and specifications filed.

(3012) PLUMBING ON ABOVE.
Contractor—Frank J. Klimm Co., 221 Oak St., San Francisco.
Filed Aug. 4, '23. Dated July 27, '23.
Payments same as above.....
TOTAL COST, $12,517
Bond, $6258. Sureties, David Lyons & Geo. W. Brouillet. Limit, without delay. Forfeit, $20. Plans and specifications filed.

(3013) STRUCTURAL STEEL WORK on above.
Contractor—Golden Gate Iron Works, 1541 Howard St., San Francisco
Filed Aug. 4, '23. Dated July 27, '23.
Payments same as above.....
TOTAL COST, $12,600
Bond, $6300. Sureties, Alfred H. Vogt and Esther Hoffman. Limit, 40 days. Forfeit, $20. Plans and specifications filed.

(3014) ALL WORK EXCEPT ELECtrical work, painting, heating, structural steel and plumbing on above.
Contractor—William Martin, 180 Jessie St., San Francisco.
Filed Aug. 4, '23. Dated July 27, '23.
Payments same as above.....
TOTAL COST, $77,670
Bond, $38,835. Sureties, Edwin T Pederson and F. W. Herring. Limit, 150 days. Forfeit, $20. Plans and specifications filed.

FRAME FLATS
(3015) W FRANKLIN 137-6 N Lombard 25x100. All work for two-story frame flat building.
Owner—Antonio & Giuseppina Catona, 1359 Kearny St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—V. Filippie, 269 24th Ave., San Francisco.
Filed Aug. 3, '23. Dated Aug. 3, '23.
2nd floor joists up.....$2750
Inclosed and roof on..... 2745u
Brown coated 2750
Completed and accepted..... 2750
TOTAL COST, $11,000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3016) S PALOMA 50 W Ocean Ave. 2-story and basement frame dwlg.
Owner—Urban Realty Improvement Co. 39 Montgomery St., S. F.
Architect—Archie T. Newsom, 14 Montgomery St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., San Francisco. $12,000

RESIDENCE
(3017 883 FORTY-THIRD AVE. One-room addition to residence.
Owner—Samuel Kuennecke, 883 43rd Ave., San Francisco.
Architect—Walter King, 312 Call Bldg. San Francisco.
Contractor — Snyder and Cook, 278 Divisadero St., S. F. $1000

DWELLING
(3018) NW VULCAN AND ORD STS. 1½-story & basement frame dwlg.
Owner—Joe Magnon, 1 Vulcan St., S. F.
Architect—Karl Peterson. $2500

GARAGE
(3019) NE SANCHEZ AND ELIZABETH Sts. 1-story frame private garage.
Owner—Mr. Koch, 1044 Sanchez St., San Francisco.
Architect—None.
Contractor—Edward A. Johnson, 2445 26th Ave., S. F. $1000

CHURCH
(3020) S CAPP BET TWENTY-FIRST and 22nd Sts. 1-story and basement frame church.
Owner—California Conference S. D. A., 537 25th St., Oakland.
Architect—Ernest Flores.
Contractor — C. F. Folkenberg, 2181 Ransome Ave., Oakland. $8000

REARRANGE FRONT
(3021) S GORE CORNER MARKET & O'Farrell Sts. Rearrange front.
Owner—United Cigar Stores Co., 144 Montgomery St., S. F.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Home Manufacturing Co., Inc., 543 Brannan St., S. F. $1000

DWELLINGS
(3022) S PRECITA 30 55 80 & 105 E Alabama, 4 1-story and basement frame dwellings.
Owner—Wm. H. Grahn, 2840 Bryant St. San Francisco.
Architect—None. $3000 each

DWELLING
(3023) S E PRECITA AND ALABAMA. 1-story and basement frame dwlgs.
Owner—Wm. H. Grahn, 2840 Bryant St., San Francisco.
Architect—None. $3000

ALTERATIONS
(3024) NO. 1497 MASONIC AVE. General alterations and changes for apartments.
Owner—Celia E. Koster, 1497 Masonic Ave., San Francisco.
Architect—Owner.
Contractor—R. D. Grimes, 355 12th St., Oakland. $4000

DWELLINGS
(3025) W TWENTIETH AVE 25, 50, 75, 100 and 120 N Noriega. Five one-story and basement frame dwellings.
Owner—Bud Herrington, 495 Rolph St., San Francisco.
Architect—None. $2000 each

DWELLINGS
(3026) W TWENTY-SECOND AVE 150 and 175 S Taraval. Two one-story and basement frame dwellings.
Owner—Theresa Sturmann, 19th and Castro Sts., San Francisco.
Architect—None.
Contractor—Bud Herrington, 495 Rolph St., San Francisco. $2000 each

APARTMENTS
(3027) SE EIGHTEENTH & DOLORES All work for two-story and basement frame apartments.
Owner—Agnes Herman, 426 Oak St., San Francisco.
Architect—None.
Contractor—Fred Miller, 225 Dolores St., San Francisco.
Filed Aug. 6, '23. Dated Aug. 1, '23
2nd story joists in place.....$3000
Roof on 3000
Finish coat plaster on..... 3000
Completed and accepted..... 2950
Usual 35 days..... 4000
TOTAL COST, $15,950
Bond, none. Limit, 110 days. Forfeit, $10. Plans and specifications filed.

DWELLING
(3028) LOT 13 BLK 5, St. Francis Wood Extension No. 1. All work for two-story and basement frame dwelling.
Owner — St. Francis Home Bldg. Co., 278 Post St., San Francisco.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco.
Filed Aug. 6, '23. Dated Aug. 3, '23.
Frame up $3311.78
Interior and exterior brown coated 3311.78
Completed and accepted..... 3311.78
30 days after..... 3311.78
TOTAL COST, $13,247 12
Bond, $6623.56. Sureties, Edwin T Peterson and Chas. Monson. Limit, 110 days. Forfeit, $5. Plans and specifications filed.

DWELLINGS
(3029) SE HANOVER 78 and 103 SW Guttenberg. Two one-story and basement frame dwellings.
Owner—W. R. McKnight, 852 Moultrie St., San Francisco.
Architect—O. Axdel, — Howth St., San Francisco. $2500 each

FRAME FLATS
(3030) S FULTON 156-3 W Ashbury. Two-story and basement frame (2) flats.
Owner—Dr. F. A Gawthorne, 708 Phelan Bldg., San Francisco.
Architect—None.
Contractor—E. Jones, 707 Phelan Bldg., San Francisco. $6000

ADDITION
(3031) S ST. MARYS AVE 250 W Mission. Add to dwelling.
Owner—Roman Catholic Arhbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—D. E. Graham, 1100 Franklin St., San Francisco.
Contractor — M. Brueck, 600 Charter Oak Ave., San Francisco. $2000

ALTERATIONS
(3032) NO. 1003 FILLMORE. General aiterations and changes to restaurant.
Owner—United Cigar Stores Co., 40 Montgomery St., San Francisco.
Architect—O. H. Seymour, 40 Montgomery St., San Francisco. $3750

DWELLING
(3033) S LAKE 70 E Tenth Ave. Two-story and basement frame dwelling
Owner—Shepherd French, 114 Sansome St., San Francisco.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., S. F. $9400

HEATING PLANT
(3034) S STEVENSON 300 E Sixth. One-story steel frame and concrete steam heating plant.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Plans by Eng. Dept. of Owner. $85,000

RESIDENCE
(3035) W SAN BENITO WAY 154 N Monterey Blvd. Two-story and basement frame residence.
Owner—Dr. Wiley B. Wesson.
Architect—Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco. $13,000

STORES
(3036) S IRVING 107-6 E Twelfth Ave One-story frame stores.
Owner—Tom P. Ryan, 1035 Irving St., San Francisco.
Architect—None.
Contractor — J. A. Peroira, 1215 12th Ave., San Francisco. $3000

GARAGE
(3037) S O'FARRELL 137-6 E Taylor E 68-6 (No. 355 O'Farrell St) x S 137-6. Excavation, shoring & holding up Orpheum Garage.
Owner—Maude, Isabelle, Ella, Cecelia, Cornelia and Lily O'Connor.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., S. F.
Filed Aug. 7, 1923. Dated Aug. 2, 1923.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $821
Bond, $821; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit 30 days; Plans and specifications, none.

CARPENTER WORK, ETC.
(3038) NO. 200 MONTGOMERY ST. (Mills Bldg.). Rough and finished carpenter work, hollow tile, etc., for building.
Owner—Humboldt Savings Bank, 783 Market St., San Francisco.
Architect — Smith O'Brien, Humboldt Bank Bldg., San Francisco.
Contractor — Buschke & Brown, 185 Stevenson St., San Francisco.
Filed Aug. 7, '23. Dated Aug. 7, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1811
Bond, none. Limit, as soon as possible Forfeit, $10. Plans and specifications filed.

(3039) BRONZE WORK ON ABOVE.
Contractor—Sartorius Co., Inc., 15th & Utah Sts., San Francisco.
Filed Aug. 7, '23. Dated Aug. 7, '23.
Payments same as above.....
TOTAL COST, $4736
Bond, none. Limit, 60 days. Forfeit, $10. Plans and specifications filed.

(3040) REMOVE EXISTING PLASTER on walls and ceilings, metal furring and lathing, plain and ornamental plaster, etc., on above.
Contractor—Martin Lyden, 180 Jessie St., San Francisco.
Filed Aug. 7, '23. Dated Aug 7, '23.
TOTAL COST, $2476
Bond, $2476. Surety, Hartford Accident & Indemnity Co. Limit, 22 days. Forfeit, $10. Plans and specifications filed.

APARTMENTS
(3041) E TWENTY-FIFTH AVE. 250 S Geary. Two-story and basement frame (4) apts. (3 rms. bath each).
Owner—Max & Regina Taylor (his wife).
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., S. F.
Filed Aug 7, 1923. Dated July 26, 1923.
1st each month 75%
Usual 35 days 25/
TOTAL COST, $14,000
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

APARTMENTS
(3042) NW TWENTY-FOURTH AVE. 100 S Geary. Two-story and basement frame (4) apts. (3 rooms and bath each).
Owner—H. O. Lindeman, 619 27th Ave. San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.
Filed Aug 7, 1923. Dated July 26, 1923.
1st each month 75%
Usual 35 days 25%
TOTAL COST $14,000
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

APARTMENTS
(3043)) W SIXTH AVE 125 S Cabrillo All work for two-story and basement frame (4) apartments (3 rms and bath each).
Owner—Cornelia Morse, 818 Hearst Ave., San Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.
Filed Aug. 7, '23. Dated July 26, '23.
Execution of agreement.....$1700
Roof on 3300
Brown coated 3000
Completed and accepted..... 3000
Usual 35 days..... 3000
TOTAL COST, $14,000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(3044) W SIXTH AVE 150 S Cabrillo. All work for two-story and basement frame (4) apartments (3 rms and bath each.)
Owner—Cornelia Morse, 818 Hearst Ave., San Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.
Filed Aug. 7, '23. Dated July 26, '23.
Execution of agreement.....$1700
Roof on 3300
Brown coated 3000
Completed and accepted..... 3000
Usual 35 days..... 3000
TOTAL COST, $14,000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported June 20, 1923 No. 2465.

PAINTING, ETC.
(3045) S BDY LINE MIRANDA GRANT known as Ojo de Agua Figueroa with W Lyon which said line is E Presidio Military Reservation rng alg S Miranda Grant 92.07 to SW Cor. said grant alg W bdy line said grant 277.87 to NW cor. grant

alg N bdy line grant 57-9 to W Lyon S alg Lyon 279.84 to beg. Ptn Rancho Ojo de Agua Elgueroa All work for painting, papering and tinting six frame buildings.
Owner—Carlo Matraia, 747 New Call Bldg., San Francisco.
Architect—August R. Headman, Call Bldg., San Francisco.
Contractor — Conrad B. Sovig, 3740 Geary St., San Francisco.
Filed Aug. 7, '23. Dated Aug. 6, '23.
3 coats on houses 1, 2 and 3.....$798
3 coats on houses 4, 5 and 6..... 798
Houses 1, 2 and 3 completed and accepted 798
Houses 4, 5 and 6 completed and accepted 797
Usual 35 days after accept. of houses 1, 2 and 3..... 532
Usual 35 days after accept. of houses 4, 5 and 6..... 532
TOTAL COST, $4255
Bond, $2128. Sureties, Emil Hogberg and C. H. Edwards. Limit, 20 days. Forfeit, $20. Plans and specifications filed.

PAINTING, ETC.
(3046) W JONES 77-6 N Turk N alg W Jones N 60xW 68-9. All work for painting, tinting and papering.
Owner—Hugo F. Ramacciotti, Mills Bldg., San Francisco.
Architect — August G. Headman, Call Bldg., San Francisco.
Contractor—B. E. Tormey (The Tormey Co.), 229 17th Ave., S. F.
Filed Aug. 7, '23. Dated July 12, '23.
3rd coat on interior wood work..$871
Completed and accepted..... 872
Usual 35 days..... 582
TOTAL COST, $2325
Bond, $1163. Surety, Aetna Casualty & Surety Co. Limit, 30 days. Forfeit, $20. Plans and specifications filed.

GARAGE
(3047) S BUSH 100 E Franklin. Two-story and basement concrete garage.
Owner—Joseph Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor—American Concrete Co., 785 Market St., S. F. $25,000

APARTMENTS
(3048) W MASON 87-6 S Bush. Five-story and basement concrete (10) apartments.
Owner—Nellie E. Reilly, 752 4th Ave., San Francisco.
Architect—Jas. F. McGuinness Jr., Phelan Bldg., San Francisco.
Contractor—Frank J. Reilly, 752 4th Ave., San Francisco. $45,000

DWELLING
(3049) E JULES AVE 175 N Holloway. One-story and basement frame dwelling.
Owner—James A. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor—James Arnott & Sons, 235 Granville Way, S. F. $4000

DWELLINGS
(3050) SW RANDALL 600 and 625 SE Harper. Two one-story and basement frame dwelling.
Owner—James Hanratty, 1723 Sanchez St., San Francisco.
Architect—None.
Contractor—Jas. Finegan, 3344 Army St., San Francisco. $4100 each

ALTERATIONS
(3051) N BROADWAY 137-6 W Octavia. Extend sub-basement; erect fire escape.
Owner—"The Heights," % R. V. Whiting, Monadnock Bldg., S. F.
Architect—F. W. Quandt, Monadnock Bldg., San Francisco. $1000

DWELLINGS
(3052) E NINETEENTH AVE, 125, 150 175 and 200 N Noriega. Four one-story and basement frame dwlgs.
Owner—Edward D. Swift, 1372 Mission St., San Francisco.
Architect—Willis Lowe.
Contractor—R. N. Gibson, 55 5th St., San Francisco. $4000 each

DWELLING
(3053) NW CAMBRIDGE AND FELton. One-story and basement frame dwelling.
Owner—J. Winant.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Ernest Swanson, 180 Jessie St., San Francisco. $4000

DWELLINGS
(3054) E LONDON 75 & 100 N France. Two one-story and basement frame dwellings.
Owner—Patrick Horgan, 915 Pierce St., San Francisco.
Architect—None. $4000 each

BARN
(3055) S SILVER AVE 200 E Scotia. One-story frame hay barn.
Owner—H. Moffat Co., 1st National Bk. Bldg., San Francisco.
Architect—G. Wiemeyer, 76 Eureka St., San Francisco. $4000

DWELLINGS
(3056) E TWENTY-FIFTH AVE 325 and 350 N Fulton. Two two-story and basement frame dwellings.
Owner—Bryan Feerick, 253 Downey St. San Francisco.
Plans by Owner. .. ....$5000 each

DWELLING
(3057) S PARKER AVE 100 N Geary. Two-story and basement frame dwelling.
Owner—J. M. Sala, 16th and Valencia St., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., San Francisco. $4000

METAL WINDOWS
(3058) W MISSION AND ECKER which said pt. of beg is dist 275 SW from intersection Mission with SW First from said pt of beg rung SW on and along NW Mission 74 NW and parl with Ecker 112-6 SW 47 NW and parl with Ecker 75 to a pt in SE Jessie NE on and along SE Jessie 94 and to pt of intersection of said line Jessie with SW Ecker SE on and along Ecker 187-6 and to pt. of beg. All work for metal windows for building.
Owner—Lucy H. and Edith W. Allyne.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—U. S. Metal Products Co. of the Pacific Coast, 330 10th St., San Francisco.
Filed Aug 8, 1923. Dated July 10, 1923.
Work installed 75%
Usual 35 days..... 25%
TOTAL COST, $9040
Bond, $4520. Surety, American Indemnity Co. Limit, Sept. 1, 1923. Forfeit, none. Plans and specifications filed.

ELECTRICAL WORK, ETC.
(3059) W MISSION bet. Twenty-sixth and Army Sts. No. 3040-42 Mission. Moving, concrete work painting, electrical work, etc., for building.
Owner—Michael and Anna Maslach, 3040A Mission St., S. F.
Architect—None.
Contractor—Jenkins & Gross, 3360 Market St., San Francisco.
Filed Aug. 8, '23. Dated June 23, '23.
Building on new foundation..$933.75
Completed and accepted..... 933.75
Usual 35 days..... 622.50
TOTAL COST, $2490.00
Bond, $1245. Sureties, Mrs. J. A. Jenkins and J. F. Hamann. Limit, 40 days. Forfeit, $25. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount

July 23, 1923—N ELLIS 200 W Taylor W 25x137-6. W Barrett to L A Hinson.....July 16, 1923
August 2, 1923—S TWENTY-SECOND 50 E Chattanooga 25x106. W H & Mary S Jones to Mr Verner.....
August 2, 1923—N BRANNAN & SECond NW 160 NE 100 SE 160 SW 100. Gor Aug Soap Co. to Reed & Reed .....July 26, 1923
August 2, 1923—E THIRTY-NINTH Ave. 60 S Anza 30x90. L M Caruso to whom it may concern. July 25, 1923
August 2, 1923—S GROVE 86 W Buchanan 32-6 x 120. Ellen Rerte to O C & J E Reite as Reite Bros. .....July 28, 1923
Aug. 2, 1923—E CHERRY 119-6¼ N 40 x E 117-9. Helen S Levy to A L Stone .....July 28, 1923
August 2, 1923—LOT 11 BLK 3189 Westwood Park. Walter M & Louise T. Robertson to Hans Nelson..... .....July 30, 1923
August 2, 1923 — N ROLPH 50 W Newton W 25 x N 100. John Landouceur to whom it may concern.. .....August 1, 1923
August 2, 1923—W TWENTY-SEVenth Ave. 200 S Lake 25 x 120. Arthur E Stevens to whom it may concern .....August 2, 1923
August 2, 1923—SW POLK & FILbert, M E Vukicevich to whom it may concern .....August 2, 1923
August 2, 1923—SW POLK & FILbert, M E Vukicevich to whom it may concern .....Aug. 2, 1923
August 2, 1923—S ANZA 109 W 14th Ave. W 26 S 120. Rae Leopold to Louis J Cohn.....July 31, 1923
August 2, 1923—E BUENA VISTA Ave. 78 S Waller. Arthur & Lue Katz to whom it may concern.... .....August 2, 1923
Aug. 2, 1923—SE BUSH AND SANsome. Continental Insurance Co. of N. Y. and Fidelity Phoenix Ins Co to Michel & Pfeffer, Aug. 2; Rex Elec & Eng Co, Aug. 2; Frederick Snook Co, Aug. 2; Schwarz & Gottlieb, Aug. 2; Fire Protection Prod Co.....Aug. 2, 1923
Aug. 4, 1923—NW SEVENTEENTH & Harrison W 105-4¾ NE 378-2¼ S 363-2. R W Krobitzsch to Chas Sartorio.....July 26, 1923
Aug. 4, 1923?—NO. 60 SANSOME 97x97 at SE Bush and Sansome. Continental Ins Co and Fidelity Phoenix Fire Ins Co to Scott Co.....Aug. 3, '23
Aug. 4, 1923—NE THIRD 55 SE Mission SE 25xNE 77-6. Benj and Ernest Blumenthal to Steve A Kordoulis.....July 17, 1923
Aug. 4, 1923—N SACRAMENTO 130-6 W Montgomery N 119-6 W 22-11½ S 59-8 E 0-5 S 59-16, E 22-6¾. Mergenthaler Linotype Co to S S Herrick .....July 26, 1923
Aug. 4, 1923—N FULTON 57-6 E 19th Ave 25x100. H C Christiansen to whom it may concern....Aug. 4, 1923
Aug. 4, 1923—SW TWENTIETH AND San Carlos Ave W 37-6 S 37-6 th 85 to beg. The First Church of Nazarene to Louis J Cohn....Aug. 1, 1923
Aug. 4, 1923—E FEDERAL 825 SW First SW 37-6xSE 80. Rincon Warehouse Co to Vukicevich & Bagge .....Aug. 3, 1923
Aug. 3, 1923—E FRANKLIN 76 S Union S 31-6xE 118. Peter Tofanelli to Paul Demartiri ..... Aug. 1, 1923
Aug. 3, 1923—N BUSH 135-6 W Mason W 30xN 137-6. Bertha Basya Maunder & Bowen.....July 30, 1923
Aug. 6, 1923—W FUNSTON AVE 161 N Taraval. Frank Lord to Cox Bros.....July 24, 1923
Aug. 6, 1923—W TAYLOR 137-6 N Geary N 51-9 to S Adelaide Place by W 85.10. O'Brien-Kiernan Invst Co to Kiernan & O'Brien. Aug. 6, 1923
Aug. 6, 1923—W LONDON 50 S Brazil Ave S 25xW 75. Harry R Painton to whom it may concern. July 14, 1923
Aug. 6, 1923—NE HAYES AND Divisadero N 37-6xE 100. Einar C Peterson to whom it may concern .....Aug. 2, 1923
Aug. 6, 1923—LOT 7 BLK 11, Ingleside Terrace. A D Disston to whom it may concern.....Aug. 6, 1923
Aug. 6, 1923—NO. 60 SANSOME, 97x97 SE Bush and Sansome. Continental Ins Co and The Fidelity-Phoenix Fire Insurance Co of New York to Otis Elevator Co, Aug. 6; Grinnell Co, Aug. 6; Fiberstone & Roofing Co.....Aug. 6, 1923
Aug. 6, 1923—E Mission 225 S Russia Ave . Angelo Figone to whom it may concern.....Aug. 6, 1923
Aug. 6, 1923—W HYDE 37-6 N Post N 25xW 68-9. J Grunbach to O E Carlson.....Aug. 6, 1923
Aug. 7, 1923—N CLEMENT 60 W Eleventh Ave W 30xN 75. F M Kaye to D L Bienfield..Aug. 1, 1923
Aug. 7, 1923—N BRYANT 324-6 W Second. Carl Jorgensen to whom it may concern.....July 7, 1923
Aug. 7, 1923—W LEAVENWORTH 82-6 N Clay N 27-6x107-6. Dr F A Gawthorne to whom it may concern.....Aug. 5, 1923
Aug. 7, 1923—E ARGUELLO BLVD 50 5 McAllister N 25x 100 parl to N McAllister. Dr. F A Gawthorne to whom it may concern....Aug. 5, 1923

Aug. 7, 1923—E OCTAVIA 75 N Chestnut N 25xE 100. R E Sharbaro, H L Detjen & John F Noonan to A M Hardy.....Aug. 6, 1923
Aug. 7, 1923—E OCTAVIA 100 N Chestnut N 25xE 100. R E Sharbaro, H L Detjen & John F Noonan to A M Hardy.....Aug. 6, 1923
Aug. 7, 1923—LOTS 17 AND 19 BLK 31 Amended Map Ingleside Terraces. Gordon W and wife Linnie Morris to whom it may concern.... .....June 27, 1923
Aug. 7, 1923—N JACKSON 68-9 W Lyon N 127-8¼xW 34-4½. S F Berg to Baldacci & Gaddnini..... .....July 19, 1923
Aug. 7, 1923—N JACKSON 68-9 W Lyon N 127-8¼xW 34-4½. S F Berg to Jas H Pinkerton Co., July 19; W P Goss, July 19; E W Lauer, July 19; O W Britt....July 19, 1923
Aug. 7, 1923—E DE SOTO 195 S Urbano Drive, Ingleside Terraces. F W Ross to whom it may concern .....Aug. 6, 1923
Aug. 7, 1923—NO. 60 SANSOME, 97x97 SE Bush and Sansome. Continental Ins Co and Fidelity-Phoenix Fire Insurance Co of New York to Jas F Smith.....Aug. 7, 1923
Aug. 8, 1923—W SIXTEENTH AVE 196 S California. Lot 25x127-6. Strand & Strand to whom it may concern.....Aug. 8, 1923
Aug. 8, 1923—W SIXTEENTH AVE 171 S California, 25x127-6. Strand & Strand to whom it may concern .....Aug. 8, 1923
Aug. 8, 1923—N BRANNAN AND Second NW 160 to SE De Boom by NE 100. Los Angeles Soap Co to Cornell Iron Works, Cptn..... .....Aug. 2, 1923
Aug. 8, 1923—SW ALSTON WAY 163-6, 193, 223, 253 and 283 SE Claremont Blvd., Merritt Terrace. Emil Nelson to whom it may concern .....Aug. 8, 1923
Aug. 8, 1923—NW FIFTEENTH AVE 275 S Irving. August Hallgren to whom it may concern..Aug. 8, 1923
Aug. 8, 1923—S CABRILLO 92-6 E Funston Ave 27-6x115. Walter G Vodden to whom it may concern.. .....Aug. 4, 1923
Aug. 8, 1923—W SANCHEZ bet. 24th and Jersey No. 1132-1134 Sonchez. Victor Wolff to Joel Johnson..... .....Aug. 8, 1923
Aug. 8, 1923—SE WINFIELD 525 W Coso SW 25xSE 70 Lot 369 Gift Map No. 3. H L Polack to G L Mileham .....August 4, 1923
Aug. 8, 1923—W THIRTY-FIFTH AV 250 N Balboa N 25xW 120. Chas N Beckman to whom it may concern.....Aug. 8, 1923
Aug. 8, 1923—LOT 48 BLK "N" Mission St. Land Company. Homestead Realty Co to whom it may concern.....Aug. 8, 1923
Aug. 8, 1923—W THIRTY-FIFTH AV 275 N Balboa N 25xW 120. C H Beckman to whom it may concern .....August 8, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

July 18, 1923—E NINTH AVE 50 N Judah N 50xE 95. J L Ash & Co vs James C Gibson.....$190.24
July 30, 1923—NW VAN NESS AVE and Bush. Davis Hardware Co vs P E Blalack, A L Stone, Thomas Pearce and Fred W. Holman..$794.45
July 28, 1923—S CLEMENT 82-6 W Ninth Ave W 52-6xS 100. Morris Rubin vs Philip Schwerdt.....$144
August 2, 1923—E NINTH AVE. 50 N Judah N 50 x E 95. Sunset Iron Wks vs. J C Gibson $650
August 2, 1923—W TENTH AV. 237-6 N Cabrillo N 37-6 x W 120. M Stulsaft Co. vs. T Penn & D J Beasley 415.47
Aug. 4, 1923—S STILLMAN 175 W Third 40x116. M S Towers vs The Mlonea Pie Co and Chas Sartorio $583
Aug. 3, 1923—E TWENTIETH AVE 200 N Irving N 25xE 120. E M Hundley vs J C Gibson.....$275
Aug. 6, 1923—W ELEVENTH AVE 175 N Judah N 25xW 120 John Jensen vs Mandel and wife, Dora Zelinski and Alfred C Dahl.....$230
Aug. 6, 1923—S BUSH 186 W Steiner W 36-5xS 137-6. Guy L Wayne vs Geo R Williams, Gus and Annie Brendt $414
Aug. 6, 1923—E MISSION 95 S 19th S 30xE 122-5. Guy L Wayne vs F O Goodman and Mary Burns....$186.61
Aug. 6, 1923—E MISSION 135 S 15th S 25xE 122-5. Guy L Wayne vs F O Goodman and Louis Werner.. .....$303.62
Aug. 8, 1923—NW BUSH AND VAN Ness Ave N 60xW 100. Palace Hardware Co vs P E Blalach and A L Stone.....$53.51
Aug. 8, 1923—SW EUGENIA & Andover S 125xW 70. Clarence B Eaton and Jas M Smith (Eaton & Smith) vs Mary and Robert Armstrong $664.45
Aug. 8, 1923—NW BUSH AND VAN Ness Ave 60xW 100. Josef Kleborn vs P E Blalack and A L Stone.... .....$2056.34

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Aug. 8, 1923—NO. 840 TAYLOR. J L Singewald (Reliable Plumbing & Heating Co) to Annie Force.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

August 2, 1923—W POLK 42 N PINE N 95-6 x W 85. Elias Rhine as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt
3560	Kroll	Ahnefeld	5000
3561	Felt	Owner	7350
3562	Bianchini	Farnocchia	3000
3563	Sullivan	Healy	1000
3564	Moran	Owner	3500
3565	Warner	Owner	2000
3566	Lapham	Matteson	1800
3567	Speck	Owner	2500
3568	Prout	Barr	3550
3569	Amador	Branagh	71375
3570	Same	Solve	2498
3571	Same	Silva	5600
3572	Same	Radelfinger	5589
3573	Same	Nelson	5147
3574	Sterne	Owner	4000
3575	Shepard	Woodworth	3500
3576	Field	Owner	13500
3577	Huling	Borden	2300
3578	Slark	Owner	3000
3579	Nichols	Owner	3500
3580	Vlack	Owner	4000
3581	Williams	Owner	1500
3582	Cobbledick	Laurence	9500
3583	Peters	Owner	2400
3584	Metz	Owner	2000
3585	Lichenhall	Murry	2000
3586	Bianchini	Famocchia	3000
3587	Haglund	Lindquist	3765
3588	Huefner	Owner	9000
3589	Same	Same	6000
3590	Bates	Tavel	4250
3591	Andersen	Owner	3500
3592	Mullins	Norgrove	3950
3593	Silva	Owner	2500
3594	Schwind	Owner	6000
3595	Same	Same	3000
3596	Todd	Scott	5800
3597	Carr	California	12500
3598	Travis	Jensen	65000
3599	Connor	Andrews	7900
3600	Colt	Owner	3000
3601	Skaggs	Goranson	1100
3602	Veregottini	Stewart	3000
3603	Asumaa	Owner	5000
3604	Ismet	Owner	4000
3605	Davis	Owner	3900
3606	Nellie	Taylor	9000
3607	Gray	Shields	5900
3608	Ramona	Borden	1850
3609	Carpenter	Owner	8500
3610	Peters	Power	2000
3611	Cardonl	Camponenosl	3800
3612	Powell	Owner	1000
3613	Ghunewald	Owner	2950
3614	Beck	Owner	3000
3615	Robinson	Vogt	53868
3616	Du Val	Vogt	41670
3617	Macauley	Texdahl	17300
3618	Williams	Rose	10700
3619	Stover	Younger	17000
3620	Pacific	Hogan	1925
3621	Gallagher	Nichols	2325
3622	Wegner	Owner	2000
3623	Yessup	Hansson	5000
3624	Blethroad	Owner	4000
3625	Thompson	Owner	2000
3626	Pratt	Owner	3500
3627	Nichols	Gallagher	2325
3628	Sater	Birch	3000
3629	Birch	Owner	8250
3630	S P	Hutchinson	——
3631	Robinson	Cobbledick	4374
3622	Du Val	Cobbledick	1612
3633	Bramlage	Owner	3000
3634	Maxwell	Morchio	1500
3635	Jacobson	Owner	1650
3636	Franks	Owner	14000
3637	Jabes	Henderson	7000
3638	Larmer	Owner	5200
3639	Healey	Davis	4000
3640	Brevoort	Owner	2000
3641	Legris	Owner	3000
3642	King	MacDonald	2950
3643	Kudsen	Jensen	7565
3644	Lawall	Nitter	3300
3645	Manix	Owner	1500
3646	Peters	Peters	5000
3647	Lodge	Lodge	3500
3648	Hansen	Gonsalves	3200
3649	Valerga	Woods	2980
3650	Bridge	Owner	4000
3651	Wisesuski	Morgan	3500
3652	Schnedenberger	Wegner	5500
3653	Conture	Owner	2500
3654	Braun	Graff	1200
3655	Jorgensen	Owner	4200

DWELLING
(3560) NO. 1714 SOLANO. Berkeley. One-story 6-room dwelling.
Owner—Genavive Kroll.
Architect—None.
Contractor—Harry Ahnefeld, 2123 Parker St., Berkeley. $5000

DWELLINGS
(3561) NO. 1639, 1643 and 1647 BANcroft Way, Berkeley. Three one-story 5-room dwellings.
Owner—Felt Bros., 728 Channing Way, Berkeley.
Architect—None. $2450 each

ADDITION
(3562) NO. 472 ALCATRAZ AVE., Oakland. Addition.
Owner—Emma Bianchini, 470 Alcatraz Ave., Oakland.
Architect—None.
Contractor—Farnocchia & Co., 1814 Powell St., San Francisco. $3000

ADDITION
(3563) NO. 660 TWENTY-FIFTH ST., Oakland. Addition.
Owner—Owen Sullivan, Premises.
Architect—None.
Contractor—P. J. Healy, 39 Nace Ave., Piedmont. $1000

DWELLING
(3564) NO. 2606 NINTH AVE., Oakland. One-story 5-room dwelling.
Owner—T. U. Moran, Plaza Bldg., Okd.
Architect—None. $3500

DWELLING
(3565) NO. 2462 SIXTY-FIFTH AVE., Oakland. One-story 4-room dwlg.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. $2000

ALTERATIONS
(3566) NO. 5540 FREMONT ST., Oakland. Alterations.
Owner—E. G. Lapham, Premises.
Architect—None.
Contractor—W. H. Matteson, 3328 Maple Ave., Oakland. $1800

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

DWELLING
(3567) E SIXTY-FOURTH AVE 75, S Braun, Oakland. One-story 4-room dwelling.
Owner—F. A. Speck, 973 92nd Ave., Oakland.
Architect—None. $2500

STORES
(3568) NO. 5481-89 FOOTHILL BLVD., Oakland. One-story frame stores.
Owner—S. and R. J. Prout, 5408 College Ave., Oakland.
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. $5850

GRADING, ETC.
(3569) LOCATION NOT GIVEN. Grading, concrete, carpenter, plastering of high school.
Owner—Amador Valley Joint Union High School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Contractor — John E. Branagh, 184 Perry St., Oakland.
Filed Aug. 1, '23. Dated July 25, '23.
Ret. 1st and 5th days af ea mo. 75%
Usual 35 days..... 25%
TOTAL COST, $71,375
2 Bonds, $36,000 each. Sureties, J. H. McCallum and F. W. Roth. Limit, Mar. 1, 1924. Forfeit, none. Plans and specifications filed.

(3570) PAINTING ON ABOVE.
Contractor—Emil Solve.
Filed Aug. 1, '23. Dated July 25, '23.
Payments same as above.....
TOTAL COST, $2198
Two bonds, $1250 each. Surety, Maryland Casualty Co. Limit, Mar. 1, 1924. Forfeit, none. Plans and specifications filed.

(3571) PLUMBING ON ABOVE.
Contractor—A. J. Silva, 504 Gough St., San Francisco.
Filed Aug. 1, '23. Dated July 25, '23.
Payments same as above.....
TOTAL COST, $5600
Two bonds, $2800 each. Sureties, G. B. Pasqualetti and J. Sockolov. Limit, Mar. 1, 1924. Forfeit, none. Plans and specifications filed.

(3572) ELECTRIC WORK ON ABOVE.
Contractor—S. M. Radelfinger, 142 4th St., San Francisco.
Filed Aug. 1, '23. Dated July 25, '23.
Payments same as above.....
TOTAL COST, $5589
Two bonds, $2800 each. Sureties, H. E. Rahlmann and C. C. Hillis. Limit, Mar. 1, 1924. Forfeit, none. Plans and specifications filed.

(3573) HEATING ON ABOVE.
Contractor—Jas. A. Nelson, Inc., 517 6th St., San Francisco.
Filed Aug. 1, '23. Dated July 25, '23.
Payments same as above.....
TOTAL COST, 5147
Two bonds, $2600 each. Surety, Fidelity & Deposit Co. Limit, Mar. 1, 1924. Forfeit, none. Plans and specifications filed

DWELLING
(3574) NO. 1027 COLUSA, Berkeley. One-story 5-room dwelling.
Owner—G. H. Sterne, Mill Valley.
Architect—None. $4000

ALTERATIONS
(3575) NO. 2719 WOOLSEY ST., Berkeley. Alterations and additions.
Owner—John Shepard, Premises.
Architect—None.
Contractor—P. Woodworth, 1301 Blake St., Berkeley. $3500

FLATS
(3576) E WALKER AVE 200 N Mandana Blvd., Oakland. Two-story 16 room flats.
Owner—E. Field, American Bank Bldg., Oakland.
Architect—None. $13,500

DWELLING
(3577) E SEMINARY AVE 120 N Tevis, Oakland. One-story 4-room dwelling.
Owner—T. R. Huling.
Architect—None.
Contractor—F. W. Borden, 5836 Foothill Blvd., Oakland. $2300

DWELLINGS
(3578) E 109TH AVE 156, 190 and 225 N Meyer Ave., Oakland. Three 1-story 5-room dwellings.
Owner—Chas. W. Slack, 3700 San Juan St., Oakland.
Architect—None. $3000 each

DWELLING
(3579) SE LAUREL AVE AND MADELINE, Oakland. One-story 6-room dwelling.
Owner—C. K. Nichols, 355 12th St., Okd
Architect—None. $3500

DWELLING
(3580)) W RANDOLPH AVE 248 N Hopkins, Oakland. One-story 5-room dwelling.
Owner—Geo. V. Vlack, 537 21st St., Oakland.
Architect—None. $4000

ALTERATIONS
(3581) NO. 516 TWENTY-SEVENTH St., Oakland. Alterations.
Owner—Rees Williams, Premises.
Architect—None. $1500

DWELLING
(3582) MOUNTAIN BLVD, 300 E Lincoln Ave., Oakland. Two-story 7-room dwelling.
Owner — J. H. Colbledick, 17th and Harrison Sts., Oakland.
Architect—None.
Contractor—C. H. Laurence, 5321 Lawton Ave., Oakland. $9500

DWELLING
(3583) E 105TH — S Pippin St., Oakland. One-story 4-room dwlg.
Owner—L. A. Peters, 931 R St., Fresno
Architect—None. $2400

ALTERATIONS
(3584) SE EIGHTH AND CLAY STS., Oakland. Alterations.
Owner—W. J. Metz, Premises.
Architect—None. $2000

DWELLING
(3585) E PALKER AVE 137 N Garfield, Oakland. One-story 4-room dwelling.
Owner—Catherine M. Licherhall, 1612 13th Ave, Oakland.
Architect—None.
Contractor—C. M. Murry, 9235 Olive St., Oakland. $2000

ALTERATIONS
(3586) NO. 472 ALCATRAZ AVE., Oakland All work except kompolite floors, hardwood floors in bed rooms, painting, light fixtures, finish hardware and shades for alterations and additions to 2-story frame dwelling.
Owner—Emma Bianchini, S. F.
Architect—Italo Zanolini, 604 Montgomery St., San Francisco.
Contractor — Farnocchia & Co., 1814 Powell St., Francisco.
Filed Aug. 4, '23. Dated Aug. 1, '23.
Roof on $1125
Completed and accepted..... 1125
Usual 35 days..... 750
TOTAL COST, $3000
Bond, none Limit, 1½ months. Forfeit, $10. Plans and specifications filed.

DWELLING
(3587) SE WILSON AVE 298 NE Hopkins NE 41.20 NE 5 SE 110.71 SW 25.81 NW 110, Oakland. All work for one-story 5-room dwelling.
Owner—H. C. Haglund, Oakland.
Architect—Williams & Wastell, American Bank Bldg., Oakland.
Contractor—Emil Lindquist, 1358 E-28th St., Oakland.
Filed Aug. 4, '23. Dated May 19, '23.
Frame up $1000
Brown coated 1000
Completed 1000
Usual 35 days..... 765
TOTAL COST, $3765
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3588) NO. 1932 THOUSAND OAKS Blvd., Berkeley. Two-story 11-room dwelling.
Owner—Frank Huefner, 293 Divisadero St., San Francisco.
Architect—None. $9000

DWELLING
((3589) NO. 708 ARLINGTON ST., Berkeley. Two-story 6-room dwlg.
Owner—Frank Huefner, 293 Divisadero St., San Francisco.
Architect—None, $6000

ALTERATIONS
(3590) NO. 3028 REGENT ST., Berkeley. Alterations and additions.
Owner—Alta A. M. Bates, 2460 Webster St., Berkeley.
Architect—None.
Contractor—Gus Tavel, 2215 Roosevelt St., Berekeley. $4250

DWELLING
(3591) 1731 CATALINA, Berkeley. One-story 5-room dwelling.
Owner—H. C. Andersen, 937 Snyder Ave., Berkeley.
Architect—None. $3500

DWELLING
(3592) NO. 2440 EDWARDS, Berkeley. One-story 5-room dwelling.
Owner—Annie W. McMullins, 2414 Edwards St., Berkeley.
Architect—None.
Contractor—C. M Norgrove, 2220 Roosevelt St., Berkeley. $3950

DWELLING
(3593) NO. 1260 RUSSELL, Berkeley. One-story 5-room dwelling.
Owner—J. S. Silva, 2908 Mabel St., Berkeley.
Architect—None. $2500

DWELLING
(3594) NO. 1803A AND 1805A BONITA St., Berkeley. One-story 8-room 2-family dwelling.
Owner—M. Schwind.
Architect—None. $6000

DWELLINGS
(3595) NO. 1803 AND 1805 BONITA St., Berkeley. Two one-story 4-room dwellings.
Owner—M. Schwind, 1636 63rd St., Bkly.
Architect—None. $3000 each

STORES
(3596) NO. 1920-24 SHATTUCK AVE., Berkeley. One-story 2-room stores
Owner—F. M. Todd, 1331 Arch St., Berkeley
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $5800

APARTMENTS
(3597) S FORTIETH 85 E Ruby., Oakland. Two-story 16-room apartments and garage.
Owner—John Carr.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $12,500

GARAGE
(3598)) W MARKET 284 S 21st St., Oakland. One-story concrete garage and shop.
Owner—W. E. Travis, 366 14th St., Okd.
Architect—J. R. Miller, Lick Bldg., San Francisco.
Contractor—G. P. W. Jensen, 520 Market St., San Francisco. $65,000

DWELLINGS
(3599) NO. 607-611 FIFTY-FIFTH ST. Oakland. Two one-story 5-room dwellings.
Owner—J. O'Connor, 4923 Telegraph Ave., Oakland.
Architect—None.
Contractor—F. A. Andrews, 4923 Telegraph Ave., Oakland. $3950 ea

DWELLING
(3600) SW FORTIETH AND LINDEN Oakland. One-story 4-room dwlg.
Owner—Coit Invst. Co., 306 14th St., Oakland.
Architect—None. $3000

GARAGE
(3601) NO. 755 CALMAR AVE., Oakland. Garage.
Owner—O. P. Skaggs, Premises.
Architect—None.
Contractor—H. Goranson, 3476 Laguna Ave., Oakland. $1100

DWELLING
(3602) NO. 5150 SHAFTER AVE., Oakland. One-story 4-room dwlg.
Owner—Sfl Veregottini, 840 47th St., Oakland.
Architect—None.
Contractor—S. L. Stewart, 646 42nd St., Oakland. $3000

DWELLING
(3603) E ROSS opp. Florio, Oakland. One-story 6-room dwelling.
Owner—Leonard Asumaa, 6518 Whitney St., Oakland.
Architect—None. $5000

ELLING
)4) NO. 3255 SCHOOL ST., Oakland One-story 6-room dwelling.
ner—C. P. Ismert, Premises.
hitect—None. $4000

ELLING
)5) S AVENAL AVE 90 E 62nd Ave, Oakland. One-story 6-room dwlg.
ner—Geo. B. Davis, 3288 Hyde St., Oakland.
hitect—None. $3900

ELLING
)6) SE MORAGA AND EDITH STS., Oakland. One-story 6-room dwlg.
ner—Francis K. Nellie, 437 Perkins St., Oakland.
hitect—None.
tractor—G. Taylor, 455 Mountain Ave., Oakland. $900

ELLING
)7) S SNAKE ROAD 380 E Moraga Road, Oakland. One-story 6-room dwelling.
ner—C. Gray, College and Hudson Sts., Oakland.
hitect—None.
tractor — Lassen & Shields, 5340 Broadway, Oakland. $5900

ELLING
)8) E 104TH AVE 126 S Plymouth Oakland. One-story 4-room dwlg.
ner—Mrs. Cora Ramona.
hitect—None.
tractor—F. W. Borden, 5836 Foothill Blvd., Oakland. $1850

ELLINGS
)9) W CHAROLYN TERRACE 160 and 200 N Chabot Road, Oakland. Two one-story 6-room dwlgs.
ner—E. E. Carpenter, 2507 Channing Way, Berkeley.
hitect—None. $4250 ca.

ERATIONS
0) NO. 1544-46 BROADWAY, Oakland Alterations.
ner—Peters Bros., Premises.
hitect—None.
tractor—J. J. Power, 774 20th St., Oakland. $2000

ELLING
1) NO. 5246 LAWTON AVE., Oakland. One-story 4-room dwlg.
er—A. Cardoni, 5244 Lawton Ave., Oakland.
hitect—None.
tractor—E. Campomenosi, 5238 Lawton Ave., Oakland. $3800

TION
2) SE HOPKINS AND 35TH AVE. Oakland. One-story tile service station.
er—Chester E. Powell, 1627 Linden St., Oakland.
hitect—None. $1000

ELLING
3) NO. 5362 BRYANT ST., Oakland. One-story 5-room dwelling.
er—F. Grunewald, 5408 Bryant Ave Oakland.
hitect—None. $2950

ELLING
4) NO. 5015 MELROSE AVE., Oakland. One-story 4-room dwelling.
er—Frank R. Beck, 5004 Foothill Blvd., Oakland.
hitect—None. $3000

RE & LOFT
5) LOTS 21, 22 & S ½ LT. 23 BLK 156 Kellersbergers Map Oakland, Oakland. 2-story and basement reinforced concrete store and loft building except glass and glazing sidewalk, elevators, heating, elec. fix., lamps and glassware.
er—Mary J. Robinson.
itect — James W. Plachek, 2014 Shattuck Ave., Berkeley.
ractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.
i Aug. 6, 1923. Dated Aug. 2, 1923. and 15th day each month....75%
ual 3 days 25%
TOTAL COST, $53,868
, $53,868; Sureties. National Sureo.; Forfeit, none; Limit, 100 days; s and specifications filed

RE & LOFT
3) LOTS 19, 20 & N ½ LOT 23 lg 156 Kellersbergers Map of Oakand, Oakland. 2-story and basenent rein. conc. store and loft ldg. except gglass and glazing, sidewalk, elevators, heating, elec. fix., lamps, glassware.
Owner—Ethel M. Du Val & John W. Havens, 2631 Benevue Ave., Berkeley.
Architect — James W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Alfred H. Vogt, 185 Stevenson St., S. F.
Filed Aug. 6, 1923. Dated Aug. 2, 1923 1st & 15th day each month.....75%
Usual 35 days 25%
TOTAL COST, $41,670
Bonds, $41,670; Sureties. National Surety Co.; Forfeit, none; Limit, 100 days; Plans and specifications filed.

DWELLING
(3617) LOT 1 BLK 2 KELLOGG PROperty Berkeley. 2-story and basemanc framfe dwelling except heating, wall paper, heating and elec. fix., lamps and glassware.
Owner—H. C. Macauley, 6th and Carlton Sts., Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—C. Texdahl, 5375 Belgrave Place Berkeley.
Filed Aug. 6. 1923. Dated Aug. 2, 1923.
Rilf on .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $17,300
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(3618) 1—N COUNTY ROAD 2452 & NE County Road 625 NE 133.85 NW 250 SW 207.90 SE 260.74; 2—N county Road 2457 133.85 NE County Road 625 NE 170.87 NW 250 SW 170 87 SE 250 Oakland. 1-story dwelling.
Owner—Rose Williams, 2208 Rosedale Ave., Oakland.
Architect—None.
Contractor—M. A. Rose, 5801 Dover St. Oakland.
Filed Aug. 6, 1923. Dated Aug 4, 1923.
Rough plumbing in .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $10,700
Bond, $530; Sureties, Rosina B. Rose & Frank Stribley; Forfeit, $10 day; Limit 90 days; Plans and specifications filed.

STORE BLDG.
(3619) COLLEGE AVE 40 N Ashby Ave., Berkeley. 1-story rein. conc. store building.
Owner—Mrs. A. E. Stover, San Luis Obispo.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—E. L. Younger, Woodland.
Filed Aug. 6, 1923. Dated July 21, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $17,000
Bond, $8500; Sureties, J. F. Garrette & E. W. Armfield; Forfeit, None; Limit, 90 days; Plans and specifications filed.

ADDITION
(3620) PT 480 SW OF NE CORNER 1st and Market Sts., SW 80 SE 80, Oakland. Sheet metal wk. for add. to boiler bldg.
Owner—Pacific Gas & Elec. Co., 17th and Clay Sts., Oakland.
Architect—None.
Contractor—C. S. Hogan & E. C. Parker (Darling Metal & Pipe Wks.), 18th and Willow, Oakland.

OLGA HERZ

Public Stenographer
Multigrapher and Translator

ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH

Confidential Service
Quality
Punctuality
Economy
Estimates Furnished

402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Filed Aug. 6, 1923. Dated July 31, 1923.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $1925
Bond, $965; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 21 days; Plans and specifications filed.

DWELLING
(2621) LOT 32 BLK A MAP ROSE Park Tract, Oakland. 1-story frame dwelling.
Owner—J. P. Gallagher & Fred Saten, 3600 High St., Oakland.
Architect—None.
Contractor—P. C. Nichols, 4420 Calaveras Ave., Oakland.
Filed Aug. 6, 1923. Dated Aug. 6, 1923.
Frame up .....¼
Brown Coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $2325
Bonds, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

REPAIRS
(3622) NO. 3136 COLLEGE AVE., Berkeley. Fire repairs.
Owner—Adolph Wegner, Premises.
Architect—None. $2000

DWELLING
(3623) NO. 807 SANTA BARBARA RD. Berkeley. One-story 5-room dwlg.
Owner—Y. H. Yessup, 1732 Francisco St., Berkeley.
Architect—None.
Contractor—Hans A. Hansson, 1749 Grove St., Berkeley. $5000

DWELLING
(3624) NO. 1451 HENRY ST., Berkeley One-story 5-room dwelling.
Owner—D. T. Blethroad, 1453 Henry St. Berkeley.
Architect—None. $4000

DWELLING
(3625) W SEVENTY-SECOND AVE. at 73rd Ave., Oakland. 1-story 4-room dwelling.
Owner—R. S. Thompson, Route Box 778 Oakland.
Architect—None. $2000

DWELLING
(3626) 1356 E-THIRTY-SECOND ST., Oakland. 1-story 6-room dwelling.
Owner—C. A. Pratt, 1305 Filbert St., Oakland.
Architect—None. $3500

DWELLING
(3627) 4418 CALAVERAS AVE., Oakland. 1-story 3-room dwelling.
Owner—Mrs. H. P. Nichols, premises.
Architect—None.
Contractor—Gallagher & Taten, 3600 High St., Oakland. $2325

DWELLING
(3628) 1616 E-THIRTY-FIRST ST., Oakland. 1-story 5-room dwelling.
Owner—Gustaf Sater.
Architect—None.
Contractor—C. A. Birch, 300 13th St., Oakland. $3000

DWELLINGS
(3629) 1706 EIGHTY-EIGHTH AVE; 8818 PLYMOUTH ST;
E EIGHTY-EIGHTH AVE 20 N Plymouth St., Oakland. Three 1-story 5-room dwellings.
Owner—C. A. Birch, 300 13th St., Oakland.
Architect—None. $2750 each

PLATFORM
(3630) FIRST AND MARKET STS., Oakland. All work for platform.
Owner—Southern Pacific Company.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
Filed Aug. 7, '23. Dated July 19, '23.
Each month 75%
Usual 35 days..... 25%
TOTAL COST—plank crossing, 14c sq. ft.; concrete, 21c sq. ft.; asphaltum, .0375 sq. ft.; excavating, $1.80 cu. yd.
Bond, $2500. Surety, Globe Indemnity Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

STORE, ETC.
(3631) LOTS 21 AND 22 AND S ½ Lot 23 Blk 156 Kellersbergers Map, Oakland. Glass and glazing for two-story reinforced concrete sctore and loft building.
Owner—Mary J. Robinson, Oakland.
Architect—James W. Plachek, 2014 Shattuck Ave., Berkeley.

Contractor—Cobbledick, Kibbe Glass Co., 301 Washington St., Oakland.
Filed Aug. 6, '23. Dated Aug. 2, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $1374
Bond, none. Limit, as soon as possible
Forfeit, plans and specifications, none.

STORE, ETC.
(3632) LOTS 19 AND 20 AND N ½ Lot 23 Blk 156 Kellersbergers Map, Oakland. Glass, glazing and mirrors for two-story and basement reinforced concrete store and loft building.
Owner—Ethel M. Du Val and John W. Havens, 2631 Benvenue Ave., Bkly.
Architect — James W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Cobbledick, Kibbe Glass Co., 301 Washington St., Oakland.
Filed Aug. 6, '23. Dated Aug. 2, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $1612
Bond, none. Limit, as soon as possible.
Forfeit, plans and specifications, none.

DWELLING
(3633) 1512 CAPISTRANO, Berkeley. 1-story 5-room dwelling.
Owner—E. D. Bramlage, 367 Alcatraz Ave., Oakland.
Architect—None. $3000

ALT & ADDITION
(3634) 2029 DELAWARE ST., Berkeley. Alteration and addition.
Owner—H. Maxwell, premises.
Architect—None.
Contractor—John Morchio, 237 10th Ave San Francisco $1500

DWELLING
(3635) 1410 HEARST AVE., Berkeley. 1-story 4-room dwelling.
Owner—Chas. Jacobson, 1029 Hearst Ave., Berkeley.
Architect—None. $14,000

APARTMENTS
(3636) 2636 38 REGENT ST., Berkeley. 2-story 16-room apts.
Owner—P. H. Franks, 2839 Ellsworth St., Berkeley.
Architect—None. $14,000

DWELLING
(3637) 945 EUCLID, Berkeley. 1-story 6-room dwelling.
Owner—W. W. Jabes.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $7000

STORES
(3638) 1926-30 SHATTUCK, Berkeley. 1-story 4-room stores.
Owner—Edw. W. Larmer, 90 Fairview Ave., Piedmont.
Architect—None. $5200

DWELLING
(3639) 2160 FORTY-FIRST AVE. Oakland. 1-story 5-room dwelling.
Owner—Wm. E. Healey, 1551 St Charles St., Alameda.
Architect—None.
Contractor—S. B. Davis, 367 50th St., Oakland. $4000

DWELLING
(3640) 1460 FIFTY-SECOND AVE., Oakland. 1-story 4-room dwelling.
Owner—J. J. Brevoort, premises.
Architect—None. $2000

DWELLING
(3641) N FIFTY-EIGHTH ST. 60 E Shattuck, Oakland. 1-story 5-room dwelling.
Owner—V. J. Legris, 600 36th St., Oakland.
Architect—None. $3000

DWELLING
(3642) 596 FORTIETH ST., Oakland. 1-story 3-room dwelling.
Owner—Miss Jane & Mrs. Joseph King 621 22nd St., Oakland.
Architect—None.
Contractor—J. MacDonald, 621 22nd St Oakland. $2950

STORES
(3643) SE COR. FIFTH AVE. & E-18th St., Oakland. 1-story brick stores.
Owner—Ole Knudsen, premises.
Architect—None.
Contractor — Jensen & Pedersen, 3443 Adeline St., Oakland. $7565

DWELLING
(3644) 5139 KEYES AVE., Oakland. 1-story 5-room dwelling.
Owner—F. Lawall, 5138 Birdsall Ave., Oakland.
Architect—None.
Contractor—N. Nittler, 3300 E-17th St., Oakland. $3300

DWELLING
(3645) N MOUNTAIN BLVD. 350 W Rifle Range, Oakland. 1-story 4-rm. dwelling.
Owner—Jas. J. Mannix, premises.
Architect—None. $1500

ALT. & ADDITIONS
(3646) 168 RIDGEWAY AVE., Oakland. Alteration and addition.
Owner—Annie Peters, premises.
Architect—None.
Contractor—Fred Peters, prem. $5000

DWELLING
(3647) S SAN CARLOS AVE 115 W Forty-seventh Ave., Oakland. One story 5-room dwelling.
Owner—Martha E. Lodge, 5494 Bond St., Oakland.
Architect—None.
Contractor—C. F. Lodge. $3500

DWELLING
(3648) E SIXTY-FIRST AVE 120 N Avenal, Oakland. One-story 5-room dwelling.
Owner — Martin L. Hansen, 1005 54th St., Oakland.
Architect—None.
Contractor—A. M. Gonsalves, 2556 61st Ave., Oakland. $3200

DWELLING
(3649) NO. 5218 WENTWORTH AVE., Oakland. One-story 4-room dwlg.
Owner—Nick Valerga, 1026 42nd Ave., Oakland.
Arhitect—None.
Contractor—Woods Bros., 4612 E-14th St., Oakland. $2980

DWELLING
(3650) E WILSON 400 N Hopkins St., Oakland. One-story 5-room dwlg.
Owner—Joshua Bridge, 3001 Barker St. Oakland.
Architect—None. $4000

DWELLING
(3651) NO. 3701 ALLENDALE AVE., Oakland. One-story 5-room dwlg.
Owner—Stainslaw Wisnesuski, 3668 Allendale Ave., Oakland.
Architect—None.
Contractor—W. A. Morgan, 3702 Allendale Ave., Oakland. $3500

DWELLING
(3652) NO. 2910 E-SIXTEENTH ST., Oakland. One-story 5-room dwlg.
Owner—C. L. Schnedenberger, Prem.
Architect—None.
Contractor—Ad. Wegner, 3136 College Ave., Berkeley. $5500

DWELLING
(3653) E EASTMAN AVE 100 N Allendale Ave., Oakland. One-story 5-room dwelling.
Owner—Joseph Conture, 4100 Allendale Ave., Oakland.
Architect—None. $2500

ALTERATIONS
(3654) NO. 720 FRANKLIN ST., Oakland. Alterations.
Owner—A. Braun.
Architect—None.
Contractor—E. C. Graff, 1326 Webster St., Oakland. $1200

DWELLING
(3655) NO. 3124 HIGH ST., Oakland. One-story 6-room dwelling.
Owner—Robt. Jorgensen, 2510 High St., Oakland.
Architect—None. $4200

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Aug. 1, 1923—LOT 18 BLK 18 Northbrae, Albany. Blanche Wehrlie to whom it may concern..July 28, 1923
Aug. 1, 1923—LOT 32 and NW 17½ Lot 31 Blk C Map Subdivision Blks B and C, Champion Tract, Oakland. Carl B and Christine Alf to Jos Flittner.....July 27, 1923
Aug. 1, 1923—LOT 2 Map Maple Heights, Oakland. C J Ernst to whom it may concern..July 28, 1923
Aug. 1, 1923—W BROADWAY 26 S 17th, Oakland. Walter D Reed to F A Muller.....July 31, 19
Aug. 1, 1923—SW NINETEENTH AND Franklin S 100xW 75, Oakland Elizabeth D Heron to William Knowles.....July 31, 19
Aug. 2, 1923—NO. 4519-23 BOND ST. Oakland. Emily A Duren to whom it may concern.....Aug. 1, 19
Aug. 4, 1923—NO. 459-61-71 NINTH St., Oakland. Ellen Boote to Alex R Marshall Co....July 30, 19
Aug. 4, 1923—NO. 442 MERRITT AVE. Oakland. J J Vincent to whom it may concern.....Aug 2, 19
Aug. 4, 1923—LOT 91 and N 22 Lot 92 Map Crocker Tract, Piedmont. J L Ghirardelli to A Cederborg.....August 1, 19
Aug. 4, 1923—E SHAFTER AVE 150 N Thirty-eighth 35x118, Oakland. Joseph F O'Neill to whom it may concern.....Aug. 4, 19
Aug. 4, 1923—LOT 22 BLK "C" Map Central Terrace, Oakland. Hugo Weitz to Fred G Turner..July 18,
Aug. 4, 1923—N WOOLSEY 76.7 E Telegraph Ave E 40xN 80, Berkeley. W Gus Smith to F W Thaxter.....August 1, 19
Aug. 4, 1923—PTN LOT 4 BLK "M" Map East Piedmont Heights. Ray W Jones to Charles E Bardwell Jr .....August 4, 19
Aug. 4, 1923—LOT 83 Map Fremont Tract, Oakland. Myron Benfer to whom it may concern...July 31, 19
Aug. 4, 1923—LOT 32 Fourth Ave Ext Oakland. Minnie H Snook to Albert A Haskell and A McPhee.....July —, 19
Aug. 3, 1923—LOT 7 BLK "B" Central Terrace, Oakland. Genieve Jackson to C F Lodge....July 30,
Aug. 3, 1923—PTN LOT 3 BLK 12, Plan Howe Tract, Oakland. David Kelley to Louis and Edward Johnson.....July 18, 19
Aug. 3, 1923—LOT 11 BLK 9 Map 4th Ave Heights, Oakland. Peter Ness to whom it may concern Aug. 2, 19
Aug. 3, 1923—NW PIEDMONT WAY and Dwight Way N 131.03 E 63.73 S 147.65, Berkeley. R Perrott to whom it may concern...Aug. 1, 19
Aug. 3, 1923—PTN LOT 2 AND 3 BLK 22, Map Reservation North Cragmont, Berkeley. Howard M Hills to E F Henderson.....Aug. 2, 19
Aug. 6, 1923—S MONTANA 100 W Laguna Ave W 50xS 90, Oakland. A J and E Burns to whom it may concern.....Aug 6, 19
Aug. 6, 1923—LOT 20 BLK 34 Warner Tract, Oakland. J. W. Rodgers to whom it may concern.....Aug. 4, 19
Aug. 6, 1923—LOT 39 BLK "C" Map Toler Heights, Oakland. Bertrand E Arment to whom it may concern.....Aug. 2, 19
Aug 6, 1923—SW HOPKINS AND Haley Ave W 34-6xS 100, Oakland. W A Walker to whom it may concern.....Aug. 3, 19
Aug. 6, 1923—S HARMON 40 E Baker E 40xS 100, Berkeley. Elva F and R B Woodside to G W Owens.....July 30, 19
Aug. 6, 1923—LOT 22 BLK "D" Map Clinton Mound Tract, Oakland. Esther H Cooke to A J Yerrick.....July 25, 19
Aug. 6, 1923—LOTS 3 AND 28 BLK 31, Kellersbergers Map, Oakland. Hyman Davis to Schuler & McDonald.....July 16, 19
Aug. 6, 1923—LOT 160 Sheet 2 Map Terminal Junction Tract, Albany. John J Reiter to whom it may concern.....Aug. 4, 19
Aug. 6, 1923—LOT 10 and NE ½ Lot 9 Blk "D" Amended Map Fairview Tract, Oakland. Earl B Leonard to whom it may concern. Aug. 1, 19
Aug. 6, 1923—LOT 7 Spring Court, Berkeley. Merlin C Hooper to E M Williamson.....July 26, 19
Aug. 6, 1923—LOT 22 BLK "E" Lakeshore Hills, Oakland. W J Baker to W Johnson.....Aug. 6, 19
Aug. 7, 1923—LOT 27 BLK 17 Lakeshore Highlands, Oakland. Mabel Randall to W W Randall. Aug. 1, 19
Aug. 7, 1923—S SANTA REY AVE 139.10 W Paloma Ave W 47 S E 112.76 NE 50 N to pt beg, Oakland Ephriam Field to whom it may concern.....July 25, 19
Aug. 7, 1923—PTN PLOTS 10, 12, 14, 16 Map Rancho Arroyo de la Alameda. Masonic Homes of Cal. to Oscar Krenz Copper & Bross Wks. .....July 31, 19

ug 7, 1923—NE GROVE & PARKER Berkeley. Niels J Nielsen to H P Nelson.....Aug. 6, 1923
ug. 7, 1923—LOT 11 BLK 14 Map Northbrae, Berkeley. M P Graves to whom it may concern..Aug. 6, '23
ug. 7, 1923—LOT 11 BLK 11 Map Northbrae, Berkeley. Fred Carlson to Edward Anderson and C P Anderson.....Aug. 7, 1923
ug. 7, 1923—NO. 1006 GALVIN ST., Oakland. Louis H Cunningham to whom it may concern..Aug. 6, 1923
ug. 7, 1923—NW 15 LOT 15 SE 25 Lot 17 Map College Court, Oakland. L T Payne to whom it may concern.....July 31, 1923
ug. 7, 1923—NO. 49 AND 51 MONTEvista Ave., Oakland Matt L Koski to whom it may concern.Aug. 6, 1923
ug. 7, 1923—NE DERBY & FULTON Berkeley. Celia and Rose Herald to J P Brennan.....Aug. 6, 1923
ug. 8, 1923—N ALLENDALE AVE 181 SE 38th Ave., Oakland. S L Ritchey to Kramer Bros..Aug. 7, '23
ug. 8, 1923—LOT 8 BLK "F" Country Club Acres, Oakland. Edyth C Schoonmaker to A Olsen and E H Nelson.....Aug. 4, 1923
ug. 8, 1923—LOT 32 BLK "F" Map 1, Linda Vista Terrace, Oakland. F W Hornung to F W and A O Hornung.....Aug. 7, 1923
ug. 8, 1923—W CHURCH 200 N Flora St. 50x100, Oakland. C M Dean to whom it may concern... .....Aug. 7, 1923
ug. 8, 1923—NO. 840 PALOMA AVE., —. Jas B Grubb to whom it may concern.....Aug. 8, 1923
ug. 8, 1923—NE EXCELSIOR BLVD and Chatham Road, Oakland. H R Havens to F A Muller...Aug. 3, 1923
ug. 8, 1923—SE FORTY-SECOND & Emerald, Oakland. M G Kendall to California Builders Co...Aug. 8, '23
ug. 8, 1923—LOT 21 BLK 152 Revised Map Alameda Co. Land Co., Oakland. John Rowthrie to California Builders Co.....Aug. 8, 1923
ug. 8, 1923—LOT 4 BLK "R" Map Thermal Hill Tract, Oakland. Carl J Bostrom to E E Rollins.July 1, '23
ug. 7, 1923—NW FIFTH AVE AND W E-11th St. 200 NW 145 NE 0 NW 145 NE 140 SE 290, Oakland. Mutual Creamery Co to M E Hopper & Son..... .....Aug. 3, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
ug. 2, 1923—SW FOOTHILL BLVD and Orchard Ave, Eden Tp. E L Blackman Co vs J and Jane Doe Kovanitz $796.56
ug. 2, 1923—LOT 5 and SW 20 Lot Map Lake Knoll Tract, Oakland. Andrew Lundgren vs Mrs. A B and Arthur B Glasier $1342.55
ug 4, 1923—NW FRUITVALE AVE and SW land Conveyed to William Wheeler Liber 2393 Deeds Page 31 NE 90xNW 100, Oakland. K H Beeman vs R O McCline and W H Parker $358
ug. 4, 1923—E PEARL 200 N Eagle Ave N 40xE 140, Alameda. Maxwell Hardware Co. $177.49; Duner Matheny Sash & Door Co. $42.90 vs J Adams and John H & Blanche Wade .....
ug. 4, 1923—LOT 4 and SE ½ LOT 3 Blk "D" Map Linda Park, Oakland. Duner-Matheny Sash & Door Co vs Jas D Horton, John & Johanna Grafuss $44
ug. 4, 1923—BDED BY SEVENTH, Eighth, Market and West, Oakland. Silverstein vs James Myron Merritt, May Ruth Merritt, Benjamin Geskirs, Gusty Heinze, Rae P Williams, John C Graham.....$150
ug. 3, 1923—LOTS 21 AND 22 BLK Map Key Route Heights, Oakland. Sunset Lumber Co vs J D Horton and Nick Sarkisian...$302.39

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
ug. 2, 1923—N DAMUTH 250 E Lincoln Ave 40x100, Oakland. Oakland Floor Co to W B Wilson.$164.75
ug. 2, 1923—NE DAMUTH 250 SE Lincoln Ave SE 40xNE 100, Oakland. Swift & Co to W B Wilson.. .....$507.11

Aug. 2, 1923—LOT 2 BLK 3, Claremont Tract, Berkeley. E K Wood Lumber Co to J B Fritsche and L Solomon $426.76
Aug. 8, 1923—LOT 36 BLK "D" Map East Piedmont Heights, Oakland. J H Hunter to Charles E Bardwell Jr.....$181
Aug. 8, 1923—N SUNNYSIDE DRIVE 323 E E-14th St. E 40 N 181.54 W 40 S 181.52, San Leandro. Powell Bros Inc., $204.10; California Door Co, $269.50 to Darling, Harding & Co...

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2500 and Over Reported

ADDITION to school, $25,744; Colma School on R, T, 46th and 47th, Sacramento; owner, Sacramento City School District; architect, Woollett & Lamb, Mull Bldg., Sacramento; contractor, Chas. S. Mabrey Co., Ochsner Bldg., Sacramento. Dated July 19, 1923. Filed July 26, 1923.
DWELLING, one-story 5-room and garage, $4800; No. 2648 6th Ave., Sacramento; owner, Carly Co.; contractor, South Curtis Oaks Co. ?
DWELLING, two-story 6-room and garage, $5200; No. 2657 6th Ave., Sacramento; owner, Carly Co.; contractor, South Curtis Oaks Co.
DWELLING, one-story 6-room and garage, $7500; No. 2709 Curtis Way, Oakland; owner, Carly Co.; contractor, So. Curtis Oaks Co.
DWELLING, one-story 5-room, $3000; No. 1100 34th St., Sacramento; owner, Grant Lewis, 3653 4th Ave., Sacramento.
DWELLING, one-story 5-room and garage, $4300; No. 640 36th St., Sacramento; owner, W. P. Cippa, 2560 27th St., Sacramento.
DWELLING, one-story 5-room, $2650; W ½ Lot 3, S. T. 28th and 29th Sts., Sacramento; owner, Luka Zaro, 1614 4th St., Sacramento; contractor, M. F. Terra, 2315 9th St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 2727 37th St., Sacramento; owner, E. G. Johnson, 111 P St., Sacramento.
ALTERATIONS and additions to bldg., $6361; S 41 ft. 11⅝ in Lot 4 & E 40 ft of S 80 ft Lot 3 J-K-7-8, Sacramento; owner, Farmers & Mech. Bank, 8th, — & K Sts., Sacramento; contractor, Arthur and T J. Hateley, Mitau Bldg., Sacto.
ALTERATIONS and additions, $31,198; Lot 1, K, L, 14th & 15th Sts., Sacramento; owner, F. T. & R. L. and G. J. Oschner; contractor, William Murcell.
DWELLING, 1-story 5-room, and garage; $2500; 500S U on Lot 2919 Elmhurst, Sacramento; owner, Frank Werner, 2160 36th, Sacramento.
DWELLING, 1-story 6-room, and garage, $6000; 724 Santa Ynez, Sacramento; owner, W. P. Rouse, 13th & K, Sacramento; contractor, Coleman & Holmes, 2624 35th Sacramento.
DWELLING, 2-story 6-room, and garage, $8150; 1217 41st Sacramento; owner, Chas. W. Deterding, 1515 2nd, Sacramento; contractor, Jas. T. Ransdall, 1055 41st, Sacramento.
DWELLING, 1-story 5-room, and garage, $2950; 2314 26th Sacramento; owner, M. Neves, 2418 26th, Sacto.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, 1-story 5-room, and garage, $2500; 3817 Donner, Sacramento; owner, C. J. Male, Box 156B Rte 4, Sacramento.
DWELLING, 1-story 4-room, and garage, $3375; 2116 16th, Sacramento; owner, Jas. C. Games, 511 P-Q, Sacramento; contractor, J. A. Lucas 1604 V, Sacramento.
DWELLING, 1-story 5-room, and garage, $3800; 2608 26th, Sacramento; owner, T. Schluckebier, 2660 Marshall, Sacramento.
DWELLING, 1-story 6-room, and garage, $2750; 3172 D, Sacramento; owner, H. Buick, 916 17th, Sacramento.
DWELLING, 1-story 5-room, $2700; 300 27th, Sacramento; owner, N. Martinelli, 2824 P, Sacramento.
DWELLING, 1-story 5-room, and garage, $5400; 2600 S, Sacramento; owner, Ellen J. Tuller, 3014 F, Sacramento; contractor, H. G. Birdsall, 1503 13th, Sacramento.
DWELLING, 1-story 5-room, and garage, $——; 3249 D, Sacramento; owner, Carmichael Co., Sacramento; contractor, H. G. Birdsall.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Aug. 1, 1923—LOT 100 ..ew Era Park, Sacramento. M. B. Drew to whom it may concern..July 20, 1923
Aug. 1, 1923—NW SECOND AND L Sts., Sacramento. Associated Oil Co to whom it may concern..... .....July 27, 1923
Aug. 7, 1923—NO. 720 I ST., Sacramento. Associated Oil Co to whom it may concern.....July 31, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
August 2, 1923—N 83½ E ¼ S 16½ E ¼ N 100 2/3 S 20 2/3 E 39½ W 60, Sacramento. P. F. Reed vs Angeline Marco J., George A, Tony F. and Catherine A. Marincovich.....
Aug. 7, 1923—LOTS 1 TO 8 and 11 to 16 Blk M, Lots 1 to 14 Blk N, Lots 3 to 7 E ½ Lots 8 and 9 to 16 Blk O, Sacramento Valley Imp Co Sub 1; Lots 1, 2, 29, 30, 31, 32 and 60, Sacramento Valley Imp. Co Sub, Sacramento. Geo W Rickey vs Mrs M F Lowman $68.0

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

$2500 and Over Reported

ROOFING over administration building $1795; High School, Stockton; owner, Stockton High School District; contractor, Stockton Lumber Co., Inc., 347 S-Commercial St., Stockton; filed, Aug. 2, 1923; dated July 27, 1923; limit, Sept. 1, 1923.
FITTING up administration offices, etc., $3264; High School, Stockton, owner, Stockton High School District; contractor, Edw. H. Riley, 829 W-Willow St., Stockton; filed, Aug. 2, 1923; dated, July 26, 1923; limit, Sept. 1, 1923.
RESIDENCE, $5000; No. 235 E-Hampton St., Stockton; owner, V. Reghugo.
RESIDENCE, $3500; No. 216 E-Arcade St., Stockton; owner, J. O. Gossett
RESIDENCE, $4000; No. 1236 W-Flora St., Stockton; owner, J. hn B. McInney.
RESIDENCE, $1500; No. 3209 N-California St., Stocktor; owner, The Stockton Land Ass'n., 36 S-San Joaquin St., Stockton.
RESIDENCE, $15,000; No. 745 W-Willow St., Stockton; owner, B. C. Wallace, 135 N-Stanisclaus St., Stockton.
BUILDING, $70,000; No. 602 E-Lindsay St., Stockton; owner, Zion Lutheran Church; architect, Ward & Blohme, 454 California St., San Francisco; contractor, Carl Nelson, 1421 E-Channel St., Stockton.
RESIDENCE, $3000; No. 1215 N-Edison St., Stockton; owner, Mrs. B. W. Dohrman, 920 E-Market St., Stockton.

TWO residences, $3000 each; No. 1310 and 1320 W-Flora St., Stockton; owner, J. A. Salter, Lindon Road, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Aug. 2, 1923—LOT 15 and Ptn Lots 7, 9, 11 Blk 20, East of Center St., Stockton. Sattui Bros by Samuel Sattui to Carl Nelson.....—

BUILDING CONTRACTS

FRESNO COUNTY

$5000 and Over Reported

STORE BLDG., $8000; 3543 Ventura Ave Fresno; owner, O. J. Granz; contractor, C. E. Buckmaster, 2133 Kerckhoff, Fresno.
DWELLING, $5500; No. 267 Ferger St., Fresno; owner, W. T. Harris.
THREE dwellings, (2) $5000 each; (1) $3500; No. 1468 and 1452 Poplar Ave., and No. 359 Palm Ave., Fresno; owner, J. A. Schlotthauer.
DWELLING, $5600; No. 3104 El Monte Ave., Fresno; owner, H. Karavian; contractor, C. Suddjian.
APARTMENTS, $35,000; No. 1104 College Ave., Fresno; owner, P. A. Wolff, 1094 Roosevelt St., Fresno.
TWO flat and garage buildings, $10,000 each; No. 1123-29 1131-37 Yosemite Ave., Fresno; owner, R. C. Kennedy, Mason Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Aug. 1, 1923—LOT 12 BLK 1, Alta Vista Tract, Fresno. Roger G Blade to whom it may concern.....July 31, 1932
Aug. 1, 1923—LOTS 5 AND 6 BLK 3, Torrance Terrace, Fresno. R C Hall to whom it may concern.....July 31, 1923
Aug. 1, 1923—BELMONT AVE and North Broadway, Fresno. Jas W Creelman and T R Thomson to S B Tombs.....July 25, 1923
Aug. 3, 1923—LOT 17 E ½ Lot 18 Blk 45 K B Heights, Fresno. A G Lampases to whom it may concern.....
Aug. 4, 1923—LOTS 5, 6, 11 and 12 Blk 2, High Add No. 4, Fresno. Yarnell & Garges to whom it may concern.....Aug. 2, 1923
Aug. 4, 1923—LOT 11 BLK 29, Alta Vista Tract, Fresno. Sarah Sparber to whom it may concern.....Aug. 1, 1923
Aug. 4, 1923—N 17 LOT 39, all Lot 40 Speedway Tract, Fresno. H W Kuhlke to whom it may concern.....Aug. 4, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
July 31, 1923—W 20 FT. LOT 15, Lot 16, E 10 ft. Lot 17 Blk 5, College Addition, Fresno. Evans Plumbing & Heating Co vs G C Smith....$253
July 31, 1923—LOTS 23 AND 24 Blk 5 College Addition, Fresno. Evans Plumbing & Heating Co vs G C Smith.....$253
July 31, 1923—LOTS 1 TO 6 BLK 81, Fresno. Collins Steel Studding Co vs Sun-Maid Hotel Co and Aggressive Sales Corpn.....$1671
July 31, 1923—LOTS 29 AND 30 BLK 74, Sierra Add'n No. 4, Fresno. M Kellner & Son Lumber Co vs Harley H Readman.....$434
July 31, 1923—LOTS 31 AND 32 BLK 74, Sierra Add'n No. 4, Fresno. M Kellner & Son Lmbr Co vs Harley H Readman.....$382
July 31, 1923—LOTS 34 AND 35 BLK 3, Tarronce Terrace, Fresno. F P Warnekros vs Watkins & Deardorf.....$39
July 31, 1923—LOTS 32 AND 33 BLK 3, Torrance Terrace, Fresno. F P Warnekros vs Watkins & Deardof.....$19
July 31, 1923—NO. 4422 NEVADA AV, Fresno. John Riggs vs John Doe Limeweber.....$56
Aug. 1, 1923—LOT 8 BLK 2, Blvd Gardens, Fresno. Fresno Bldrs Supply Co vs W J Work.....$30
Aug. 1, 1923—W ½ LOTS 10 TO 14 Blk 48, Wriston Addition, Kingsburg. Valley Lumber Co vs R R Reinhold.....$334
Aug. 1, 1923—LOT 8 BLK 9, North Park Terrace, Fresno. C S Pierce Lumber Co vs Nels N Nelsen....$522
Aug. 2, 1923—LOTS 32 AND 33 BLK 3, Torrance Terrace, Fresno. Bingham-Wenks Planing Mill vs N E Deardorf.....$394
Aug. 2, 1923—LATS 34 AND 35 BLK 3, Torrance Terrace, Fresno. Bingham-Wenks Planing Mill vs N E Deardorf.....$354
Aug. 4, 1923—LOT 5 BLK 9, North Park Terrace, Fresno. Z J Montague, $1353; W S Dean, $1350; M Madsen, $431 vs Nels N Nelsen.....
Aug. 4, 1923—LOTS 10 TO 17 BLK 2, Frather Add, Fresno. Thos Pinner vs Maisler Bros.....$364
Aug. 4, 1923—LOT 5 BLK 9, North Park Terracve, Fresno. C E McMullin, $726; Harris & Pendergrass $192; M Kilner & Son Lumber Co, $2627; Valley Tile & Mantel Co., $4527; Barrett, Hicks Co, $3287 vs Nels N Nelson.....
Aug. 3, 1923—LOT 5 BLK 9, North Park Terrace, Fresno. Kyle & Co $565; Electric Constr Co, $4060 vs Nels N Nelsen.....
Aug. 6, 1923—LOT 5 BLK 9 NORTH Park Terrace Fresno. Fisher-Glassford Hardware Co. vs. Nels N. Nelson.....$143
Aug. 6, 1923—LOTS 14, 15, CRAWford Park, Fresno. Routt Lumber co. vs. C. L. Terrill.....$42

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1000 and Over Reported

RESIDENCE
LOT 10 BLK 3, Lincoln Residence Park, San Jose. All work for one-story residence.
Owner—Edwin and Maud Forsberg, San Jose.
Architect—None.
Contractor—C. V. Brown, 521 N-16th St., San Jose.
Filed July 27, '23. Dated July 25, '23.
Frame up.....$887.50
Rustic and 1st coat plaster on 887.50
Building completed 887.50
Usual 35 days..... 887.50
TOTAL COST, $3550.00
Bond, none. Limit 90 working daays from July 25, '23. Forfeit, none. Plans and specifications filed.

SCHOOL
ON SARATOGA ROAD near Fremont Ave., San Jose. All work for one-story frame school building.
Owner—Board of Trustees West Side Union High School District.
Architect—Ernest L. Norberg, 409 Occidental Ave., Burlingame.
Contractor—F. R. Yanish, Sunnyvale.
Filed July 27, '23. Dated July 26, '23.
Frame up and roof on.....$3595.00
Completed and accepted.... 1797.50
Usual 35 days..... 1979.50
TOTAL COST, $7190.00
Bond, $3590. Sureties, C. W. Shepard and P. R. Wightman. Limit, 35 working days from July 26, '23. Forfeit, none. Plans and specifications filed.

COTTAGE
PTN BLK 9, Hanchett Residence Park on N Mariposa Ave. near Tillman, San Jose. All work for one-story frame cottage and garage.
Owner—Julia J. Noakes, 465 N-3rd St., San Jose.
Architect—Charles S. McKenzie, San Jose Bank Bldg., San Jose.
Contractor—Geo. D. McCrary & Ralph J. Sharp, 728 Stockton St., San Jose
Filed July 31, '23. Dated July 26, '23.
Frame up $1371.25
1st coat plastering on..... 1371.25
Completed 1371.25
Usual 35 days..... 1371.25
TOTAL COST, $5485.00
Bond, $2800. Sureties, Wm. H. O'Neil and M. L. Doane. Limit, 70 working days from July 26, '23. Forfeit, none. Plans and specifications filed.

RESIDENCE
NE TWELFTH AND ST JOHN S San Jose. Install plumbing sanitary system and all neces repairs and alterations to resid
Owner—Ora Vandruff & Mamie Ku 67 N-First St., San Jose.
Architect—None.
Contractor—H. B. Miller, 450 E-Sa Clara St., San Jose.
Filed July 26, '23. Dated July 26, '2
Roughed in .....
Completed .....
Usual 35 days.....
TOTAL COST, $124
Bond, $650. Sureties, James E. Pa and R. E. Ford Limit, 20 work days from July 26, 1923. Forfeit, n Specifications only filed.

ALTERATIONS, $1000; No. 229 S- St., San Jose; owner, O. Buschjost, 229 S-16th St., Sacto
WAREHOUSE, $3500; No. 372 W-Sa Clara St., San Jose; owner, Jose Water Works, Premises; tractor, J. Thorpe.
TWO-part residence, $4500; William near Ninth St., San Jose; owner F. Holoday.
DWELLING and garage, $1600; St., near William, San Jose; ow W. W. Collins; contractor, Maurer.
ALTERATIONS, $1900; No. 77 Post San Jose; lessee, M. Zaro; contr tor, W. J. Bigger & Son.
ALTERATIONS, $1950; No. 90 N-F St., San Jose; owner, ——; c tractor, Frank Terez.
COTTAGE six-room, $6000; No. N-William St., San Jose; ow A. Jones.
COTTAGE, 5-room, $3000; No. 354 H son St., San Jose; owner, C. Dil 415 W-Santa Clara St., San Jo contractor, G. Oliva.
COTTAGE, 5-room, $3400; Union near State St., San Jose; ow Lena Oneato; contractor, Loon & Brimhall.
APARTMENT house, two-story, $11, No. 385 S-Seventh St., San Jo owner, B. Vertin; contract Dangerfield & Douglas.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accept
July 26, 1923—LOT 8 BLK 1 HESTEI Park, D. K. Atkinson to T. J. Lan nin .....July 26, 1
July 26, 1923—LOT 10 BLK 11 ROSE Lawn, William H. Norman and O P. Holaday to whom it may concern .....July 26, 1
July 26, 1923—LOT 11 BLK 11 ROSE Lawn, William H. Norman and O P. Holaday to whom it may concern .....July 26, 1
July 27, 1923—SW CORNER SANTA Clara St. and Morrison Ave., San Jose, Wm. Ehlert to Megna & Newell .....July 21, 1
July 27, 1923—LOT 22 BLK 6 ROSE Lawn, G. W. I. Davis to whom it may concern ..... July 27,1
July 28, 1923—LOTS 17 & 18 BLK Sunnyvale Homestead Tract, C. H Forehand to Osborne & Knight.....July 26, 1
July 28, 1923—PART BLK 5 R 4 W Scheller Addn to San Jose, Jerome Garcia to whom it may concern.....July 28, 1
July 28, 1923—274 N BALBACH ST. San Jose, Jerome Garcia to whom it may concern .....July 28, 19
July 28, 1923—PARCEL 9 AS PER deed Lennon to Keller recorded in 566 of deeds page 188, Santa Clara Co. Record. Laurence Keller to L. C. Rossi .....July 26, 19
July 28, 1923—PART LOT 7 FRENCH Gardens, Frank Alcaraz and Ignacio Alcaraz to C. V. Brown.....July 27, 19
July 28, 1923—LOTS 20 & 21 CHAPIN Sub. George E. Penfield to whom it may concern .....July 28, 19
July 28, 1923—LOTS 27 & 28 BLK 14 Interurban Park Tract, Elwood Hiatt to whom it may concern.....July 28, 19
July 30, 1923—LOT 2 BLK 3 ROSE Lawn, Edward G. Lorbeer to whom it may concern .....July 30, 19
July 30, 1923—PART LOT 3 BLK 98 Palo Alto, Robert H. Brydon to whom it may concern..July 27, 19

July 30, 1923—SO 10 ACRES LOT 171 and N 2½ acres Lot 172, San Martin Ranch Map No. 2. Leopold Baron and Myrtle Baron to A. J. Nielsen .....July 27, 1923

July 30, 1923—LOTS 1 & 2 BLK 10 Evergreen Park. Nels Hansen to Walter Hansen .....July 7, 1923

July 31, 1923—LOT 2 BLK 48 J S Lakin Sub. L. P. Hopkins to whom it may concern .....July 30, 1923

July 31, 1923—PART OF FIFE SUB of Ashby Addn. F. W. Hackett to whom it may concern..July 30, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

July 27, 1923—LOT 29 HYDE RESIdence Park. F. C. Grupe vs Fred S Clark and Stella S Clark.....$113.50

July 26, 1923—LOT 29 HYDE RESIdence Park. Joseph Russo and G R Abraria vs Fred S Clark and Stella S Clark $159.35

July 26, 1923—3.083 ACRES PART OF SW ¼ S 25 T 7 S R 2 W. W. E. Knight vs Henry Erickson $156

July 27, 1923—LOT 5 BLK 4 N R 2 E Town of Santa Clara. Chester E Hershey and George Metzger vs James Symons and George Helzer $80.75

July 30, 1923—LOTS 19 & 20 ALAmeda Villa Tract. Henry Cowell Lime & Cement Co vs Daisy R Ziler and S C Ziler $89.55

July 30, 1923—WEEKS RANCH PALO Alto, Cal. Edward P Cashel and John J Cashel vs Charles Weeks & Alice J Weeks $460.84

July 30, 1923—18.40 ACRES ON SANta Clara-Los Gatos Rd S of Stevens Creek Rd formerly of Sarah L Winchester. Henry Cowell Lime and Cement Co vs John H Brown, A P Marston and Maude Marston..$505.45

BUILDING CONTRACTS

SAN MATEO COUNTY

PART LOT 196 SAN MATEO PARK, San Mateo. All work for constructing building.
Owner—Russell Gaston, San Mateo.
Architect—None.
Contractor—J. B. Oswald.
Filed July 30, 1923. Dated July 21, 1923.
Framed $1666.25
Plastered 1666.25
Completed and accepted 1666.25
Usual 35 days 1666.25
TOTAL COST, $6600
Bond, Sureties, Forfeit, none; Limit, 100 working days; Plans and specifications filed.

RESIDENCE
LOT 11 BLK 40, Easton No. 3, Burlingame. All work for one-story residence and garage.
Owner—R. C. and Jessie Briggs, Burlingame.
Architect—None.
Contractor — John W. Rutherdale, % Pacific Realty Co., Burlingame.
Filed July 26, '23. Dated July 23, '23.
Signing of contract.....$600
Rough frame up..... 937
Brown coated 937
Completed 937
Usual 35 days.....Balance
TOTAL COST, $4600
Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 6 BLK 2 RESUB OF B 50 REESE Tract Redwood City. All work for bungalow.
Owner—Edith J. Nyc.
Architect—None.
Contractor—John Curry.
Filed July 20, 1923. Dated July 18, 1923.
July 21, 1923 .....$1000
August 6, 1923 500
September 1, 1923 600
TOTAL COST, $2100
Bond, Sureties, Forfeit, none; Limit, on or before Sept. 1, 1923. Plans and specifications filed.

BUNGALOW and garage $4500; Lot 7 Blk 9 Easton 4 Columbus Ave, Burlingame; owner, W. S. Simonds.
BUILDING, 2-story frame, $10,000; Lot 6 Blk 5 City of Blgme Park Rd., Burlingame; owner, Frank C. Wyckoff; contractor, Frank Regan, 1515 Willow Blgme.
BUNGALOW and garage, $5500; Lot 9 Blk 61 Easton 7 Carlos Ave., Burlingame; owner, Walter E. Schuetz.
BUNGALOW and garage, $4000; Lot 15 Blk 15 Blgme Grove Lincoln Ave., Burlingame; owner, Selleck and Meister.
RESIDENCE and garage, $4000; Lot 19 Blk 8 Blgme Grove Grove St., Burlingame; owner, Walter Pederson.
RESIDENCE and garage, $6000; Lot 3 Blk 4 Easton 1 Paloma Ave., Burlingame; owner, August E. Beale.
BUILDING, 1-story class C, $30,000; No. side Blgme Ave. 37 ft. W Main St., Burlingame; owner, Mrs. W. G. Hitchcock, Burlingame Ave., Burlingame.
RESIDENCE, $5000; Lot 196 S M Park on Costa Rica Ave., San Mateo; owner, Russel I. Gaston, San Mateo contractor, J. B. Oswald, Forest View Rd., Burlingame.
ALTERATIONS, $1200; 516 Dorchester Rd. S M Park, San Mateo; owner, S. Labandt, 516 Dorchester Rd., S. M.; contractor, L. Regner, 65 N H St., San Mateo.
RESIDENCE, $2600; LOT 23 BLK 40 Bawin East Add., San Mateo; owner John Koept, San Mateo.
RESIDENCE, $4000; Lot 3 Blk 34 So. F Eastern Add., San Mateo; owner, John Angele, San Mateo.
RESIDENCE, $8000; Lot 71 Hurlingham S M Park, San Mateo; owner, Louis A. Murch, 40 Hurron St., Daly City; contractor, A. D. Irving, Martar, San Mateo County.
TANK FRAME, $1600; San Mateo; owner, E. St. Cyer, San Mateo.
RESIDENCE and garage, $2550; Lot 124 Santa Inez, San Mateo; owner, Ellen E. Penton, 54 Elsworth Ave., San Mateo; contractor, J. Ehling, 1106 3rd Ave., San Mateo.
RESIDENCE, $2200; Lots 7, 8, and 9 Blk 30, Hayward Addition, San Mateo; owner, Joseph Ballanuf.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

Aug. 1, 1923—LOT 1 BLK 32 EASton No. 2, Burlingame. W. H. and Cora E. Tuiger to James Keegan .....August 1, 1923

Aug. 2, 1923—LOT 17 BLK 15 Burlingame Grove, Burlingame. H. J. Rose & Marie Henne to John W. Rutherdale .....July 15, 1923

Aug. 2, 1923—LOT 17 BLK 3 EASton No. 1 Burlingame. Ray H. Rundle to whom it may concern..... .....May 1, 1923

Aug. 2, 1923—LOT 21 & 22 BLK 11 San Bruno Park, San Bruno, Cal. D. Rautenberg to whom it may cern .....July 25, 1923

Aug. 3, 1923—GEORGE A NEWHALL Estate, Hillsborough. Geo A Newhall by F Ayling to C H Bessett Bldg Co.....Aug. 1, 1923

Aug. 3, 1923—LOT 3 BLK 58, Easton Burlingame. W R Thompson to whom it may concern....Aug. 2, 1923

Aug. 4, 1923—LOT 20 BLK 2 Blgme Park No. 4. C. H. Bessett Bldg. Co. to whom it may concern.Aug. 1, 1923

Aug. 4, 1923—LOT 21 BLK 6 Blgme. Terrace No. 2, Burlingame. F. W. Varney and George Williams Jr. to whom it may concern.July 31, 1923

Aug. 4, 1923—LOT 22 BLK 6 BURlingame Terrace No. 2, Burlingame. Chas. A. and Buena V. Campbell to Varney & Williams....July 31, 1923

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount

Aug. 3, 1923—W ½ LOT 6 BLK 125. South San Francisco. South City Lumber & Supply Co, $367.02; Reinhart Lumber & Planing Mill Co. $2527.22 to Silvio Nieri et al.....

BUILDING CONTRACTS

CONTRA COSTA COUNTY

CHURCH, one-story frame, $9000; W. 45th St., bet. Stockton and Redwood, Richmond; owner, Stege Presbyterian Church; contractor, D. A. Dodge, R.F.D. No. 1, Berkeley

LAUNDRY, 1-story brick, $16,680; SE corner Nevin and 15th, Richmond; owner, Home Laundry Co., 16th & Nevin, Richmond; contractor, Carl Oscrna, 2105 Roosevelt, Richmond.

APARTMENTS, 2-story frame, $20,000; NE corner Barrett and Hays, Richmond; owner, K. J. Henning, Box 1671 Richmond.

APARTMENTS, 3-story frame, 18 apts. $47,500; NE 23rd and Nevin, Richmond; owner, Miss Mary Solawsky 1001 McAllister St., San Francisco; contractor, C. A. Doyle, 2014 Central Ave., Alameda.

FLATS, two-story frame, $8250; N Bissell St., bet. 7th and 8th Sts., Richmond; owner, Mrs. B. L. Kratzer, 1501 Macdonald Ave., Richmond; contractor, W. Snelgrove, 160 18th St., Richmond.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

17TH & KANSAS STS. - SAN FRANCISCO

Phone Market 1057

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., AUGUST 18, 1923

Published Every Saturday
Twenty-third Year No. 33

Schumacher

Office
210 American National Bank Building

Permanence
Economy

Wall

Warehouses
San Francisco Oakland

Appearance
Comfort

Board

For Sale by all Lumber and Building Material Dealers

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

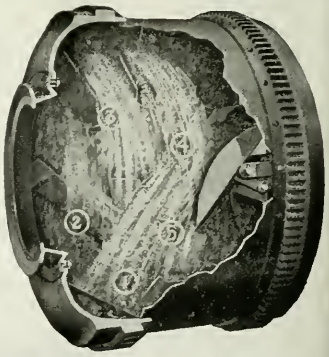
Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., AUGUST 18, 1923 — Twenty-third Year No. 33

No. 818 Mission Street.
San Francisco Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

PLUMAS NATIONAL FOREST TIMBER IS SOLD

One hundred and twenty-one million board feet of pine, fir and cedar adjacent to the line of the Western Pacific Railroad and valued at $376,000 has been sold to the Nibley-Stoddard Lumber Company of Cromberg, Plumas County, by the United States Forest Service, reports District Forester Paul G. Redington of the local headquarters. Cutting is to be completed before 1951. 25 per cent of the purchase price will be returned to the counties covered by the Plumas National Forest for their schools and roads, and 10 per cent additional will be expended by the Forest Service for their benefit.

Cutting will be conducted in accordance with the best forestry practice, which involves the leaving of all thrifty young timber to reproduce the forest and furnish the basis for a second cut. All dead and diseased trees will be removed and adequate fire precautionary measures insisted upon.

$920,000 worth of timber was cut during the year ending June 30 from California's National Forests, and nearly one-sixth of this was from the Plumas Forest. The receipts for the last year were the largest in the history of the California District, and exceeds the returns of the previous year by over half a million dollars. This clearly indicates that the trend of maximum production is toward the Pacific Coast states.

WESTERN HIGHWAY OFFICIALS TO MEET IN DENVER

With the object of discussing ways and means of reducing the cost of constructing paved roads through the use of old roads as bases, the utilization of materials near at hand and to consider best methods of constructing the highest types of asphalt pavements, state, county and city highway officials, engineers, material men, contractors and good roads advocates from Colorado, Missouri, Oklahoma, Kansas, Wyoming, Arizona, California, Oregon, Washington, Illinois, Utah, Idaho, Texas, Nevada, Montana, New Mexico, Nebraska and other western states will hold a convention at Brown's Palace Hotel, Denver, Colo., Aug. 21 and 22.

Important among the subjects to be discussed is the question of the effect of alkali upon road foundations, proper methods of constructing highways in arid regions, highway building in the mountains, closer co-operation between public officials, highway engineers and contractors' road inspection and maintenance, economical types of construction and the cost of road materials.

The movement for better highways in the West is expected to receive a great impetus from the meeting since states and counties in this section are in many instances beginning to adopt large road building programs and are seeking ways and means of getting the most in supervision, materials and labor for the funds expended.

Since asphalt is used in practically every type of highway construction in this section of the country officials of the Asphalt Association, New York, will participate in the program. Among these will be Joseph R. Draney, President; F. P. Allen, Vice President, and J. E. Pennybacker, Secretary.

Other speakers will be Capt. L. R. Tillotson, State Highway Engineer of Kansas; John B. Hittell, City Paving Engineer of Chicago, Ill.; John A. Griffin, City Engineer of Los Angeles, Cal., Chris. P. Jensen, County Surveyor of Fresno County, Cal.; Charles Schultz, City Engineer of Tulsa, Okla.; Fred G. Simmons, State Highway Engineer of Oklahoma; A. K. Vickery, City Engineer of Denver, Colo., and numerous others, including engineers from the state highway departments of Colorado, Wyoming and other states. A venison steak dinner on Lookout Mountain and excursions to the mountain parks in the vicinity of Denver will be features of the entertainment to be afforded.

CHICO PAVING ENDANGERED

Demurrers entered by property owners in Chico against the $250,000 paving contract entered into by the board of trustees as its last act under the old charter have been sustained by Judge J. W. Bartlett of Trinity County, who heard the arguments.

The Chico Contracting Company has leave to amend the complaint.

The objections urged were that the publication proceedings were irregular, and the suit was to declare the right of the contracting company to proceed with the work in spite of the small irregularity in the posting of notices.

Yard and mills of the Engels Copper Mining Co. on Diamond Mountain, near Quincy, Plumas County, was destroyed by a forest fire Aug. 5.

CALIFORNIA'S CONSUMPTION OF CEMENT

Which state, in 1922, ranked first in the use of cement—also which state has the largest per capita cement consumption?

According to the Portland Cement Association, New York ranked first with 13,212,000 barrels, Pennsylvania second with 10,343,000 barrels, and Illinois third, with 9,649,000 barrels to its credit. The minimum quantity of $91,000 barrels was used in Nevada, while the next smallest user was Wyoming with 229,000 barrels to its credit.

The average consumption per capita in the entire United States was 1.06 barrels. The maximum per capita was 2.10 carrels, in California, and the next was 1.76, in Arizona, followed by 1.69 in Wisconsin and 1.60 in Delaware. The smallest per capita was .23, in Mississippi, and the next smallest .28, in Arkansas.

SEATTLE BUILDING REVIEW

A total of 890 building permits were issued in Seattle during July, aggregating an expenditure of $3,122,315. In July 1922, 842 permits were granted for improvements totaling $1,559,205.

Thus far this year there have been 6226 permits granted calling for an expenditure of $16,688,758 as compared to 6021 permits valued at $11,935,945 issued during the first seven months of 1922.

Segregated as to construction, last month's Seattle building permits called for 304 alteration jobs, 18 fireproof structures, 10 of slow-burning construction, 5 of ordinary masonry and 540 frame buildings.

Segregated as to occupancy the department submits the following summary: 13 warehouses, 34 office and store buildings, 5 churches and theaters, 5 hotels and apartments, 130 detached residences and 336 miscellaneous outbuildings.

NEW BIDS FOR MERCED DAM PROJECT PROBABLE

A special meeting of the directors of the Merced Irrigation District and representatives of the Contractors' Association of Northern California will be held in Merced next Tuesday to consider the proposition of the latter body to present "information and facts of intense interest" in the matter of constructing the proposed Exchequer dam under the day labor system.

The directors recently rejected bids for the dam project and voted to proceed with its construction by day labor.

The lowest bid submitted by Lynn S. Atkinson of Los Angeles, at $1,875,900, the district to furnish cement and all construction materials except, sand, rock and gravel.

The hearing was granted the contractors following the receipt of a letter by the directors from E. G. Lloyd, Secretary of the Northern California Contractors' Association, who declared "the association desires to conduct a public campaign and prove to the tax payers the justice of our proposition."

Nels Olsen of San Leandro, Calif., has been granted a patent for a carbonizing furnace which perfectly case hardens steel parts.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Building operations in Los Angeles for August started off with a grand rush. Up to and including the 7th the number of permits issued was 1500 and the estimated valuation was $6,648,490. There was one holiday in this period so the average for the 6 actual working days was a little more than $1,100,000 per day, which if maintained would mean a new high monthly record. For the first 6 actual working days of July the number of permits issued was 1119 and the estimated valuation $3,402,940, and July produced a total slightly over fifteen millions. During the early part of August permits were issued for a number of fair sized projects and also for one large project, a 13-story reinforced concrete apartment house at Sixth St. and Carondelet, to cost $100,000. It is hardly expected the pace set the early part of the month will be maintained throughout but a total for August in excess of that for July seems assured.—Southwest Builder and Contractor.

Building records in the city of Berkeley for the fiscal year ending June 30, have been shattered, according to the annual report of Building Inspector Robert Greig. Construction activities for new structures during that period total $6,158,249, the report shows. A total of $2,581,242 went into one-story residences against $1,951,665 in 1921-22. Two-story residences, apartments and flats increased from $1,271,534 to $1,489,225. A total of $928,872 went into business structures against $413,000 the previous year. The total number of building permits increased from 1990 to 2295.

Reporting mills of the West Coast Lumbermen's Association, covering 75 per cent of total production in western Washington and western Oregon, are producing lumber at 20 per cent above normal capacity, while new orders are 9 per cent below production. Inventories show the mills have on hand 50 per cent of normal supplies of the cheaper grades of lumber and less than that on the higher grades. California continues to be the best customer of these mills.

The San Francisco Builders' Exchange has purchased property with a 75-ft. frontage in Fifth street and 275 ft. in Minna street for investment purposes. It is probable, at a later date, that the exchange will erect its new home on the site. Leases on the present quarters in Jessie street do not expire for three years. The purchase price of the recently acquired property runs in the neighborhood of $115,000.

Articles of incorporation of the Guaranty Building & Loan Association, with headquarters in San Jose, have been filed with the county clerk at Modesto. Capital stock is valued at $200,000. Directors are: W. M. Southeimer, Q. Pattan, U. A. Southeimer, H. S. Kittredge, all of San Jose, and S. E. Johnson of Cupertino.

Tentative plans have been made for a better homes exhibit as a feature of the next California Industries Exposition to be held in San Francisco. The movement is headed by Anthony Tremp, general manager of the exposition.

The Santa Cruz city council has purchased a seven and one-half acre site on which it will construct a reservoir impounding from $23,000,000 to 32,000,000 gallons of water for the municipal water works. This is the first step in the expenditure of the $400,000 voted to finance the system.

The Plumas County Board of Supervisors has instructed the district attorney to prepare an injunction action to prevent the expenditure upon other road projects of the $1,100,000 allocated by legislative resolution to the construction of the Plumas County seat lateral of the state highway.

Siskiyou County's share of the mature timber in the Klamath National Forest in Siskiyou County has a stumpage value of approximately $8,000,000, according to T. C. West of the Forest Service.

Ray Miller and Edw. P. Jones, glass manufacturers of Wichita Falls, Texas, are conferring with the Fresno Chamber of Commerce regarding the establishment of a glass manufacturing plant in the latter city.

O. J. Lehrick and Lincoln Messick, both of Kansas City, Mo., are in Sacramento conferring with the Chamber of Commerce regarding the establishment of a plant in that city for the manufacture of paints.

Otto Spenker, President of the Superior Iron Co. of Lodi, formerly the Superior Manufacturing Co., announces his company has started the manufacture of mining pumps and general equipment.

The Los Angeles county civil service commission announces an open competitive examination for the position of county purchasing agent to be held Sept. 14. The salary is $300 per month with an advance to $350 in two years.

The Federal Board of Hospitalization will recommend to the U. S. Veterans' Bureau, the construction of a $1,500,000 tubercular hospital at San Fernando, Calif It is proposed to erect a structure with a capacity of 300 beds.

A fire, believed to have been incendiary in origin, burned approximately 2,000,000 board feet of lumber in the yards of the Mutual Lumber Corp., at Springs Garden, Calif., Aug. 9.

The mid-year meeting of the West Coast Lumbermen's Association will be held at Longview, Wash., August 17. Standardization of sizes and grades of lumber will be discussed.

Bayard Knock, County Surveyor of Glenn County, has been appointed building inspector of the City of Willows, succeeding R. D. Thomas, resigned.

Offices of the Monolith Portland Cement Co., have been moved to larger quarters in the A. G. Bartlett Building, 215 West Seventh St., Los Angeles.

Southern Pacific Company has appropriated $610,000 to finance construction of locomotive erecting shops in Los Angeles.

ALONG THE LINE

E. G. Sheibley has been appointed sanitary engineer of the Los Angeles city health department in charge of housing and sanitation. Sheibley is a member of the American Society of Civil Engineers and of the American Association of Engineers. He is a graduate of Stanford University and took post graduate work at Harvard.

General George W. Goethals, builder of the Panama Canal; William Mulholland, builder of the Los Angeles aqueduct and Arthur P. Davis, former chief of the Reclamation Service, have been appointed by the East Bay Municipal Utility District to develop and handle the water question affecting the East Bay District.

Geo. F. Russell, superintendent of public utilities of the city of Seattle, has been appointed superintendent of the city water department, succeeding L. B. Youngs, deceased. D. W. Henderson, superintendent of the city railway system, is slated to fill the position vacated by Russell.

Geo. A. Posey, county surveyor of Alameda County, has been officially appointed chief engineer for the Oakland Estuary tube project and will at once commence borings, the supervisors having appropriated $50,000 to finance that portion of the work.

Miles Cannon, newly appointed Commissioner of Reclamation, has arrived in Fallon, Nevada, to inspect the Newlands Project, and announces he has suggested to the Reclamation Service that western headquarters be established in Sacramento.

John Bouse, San Francisco Consulting Engineer, was instantly killed August 2, 20 miles east of Martinez, when his automobile crashed through a bridge. Bouse, a graduate of the University of California, was 58 years old.

M. M. O'Shaughnessy, San Francisco city engineer, has been instructed by the supervisors to prepare estimates of cost to extend the Municipal Railway system from the "west of Castro street district" to Eureka street.

The Austin Co. of Cleveland, Ohio, has started construction of a $1,00,000 paper plant at Vancouver, Wash., for the Columbia Paper Mills Corporation. The plant will be ready for occupancy in about six months.

A. E. Cowell, Merced engineer, has been appointed city engineer of Livingston, Merced County. The Livingston trustees plan the construction of a sewer and water system.

Appointment of C. J. Colden, as member of the Los Angeles harbor commission to succeed C. E. Richards, whose term expired, has been confirmed by city council.

The Stetson-Post Lumber Co., 5501 East Marginal Way, Seattle, is having plans prepared for a $100,000 sawmill.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

BEAUX ARTS PRIZE IS AWARDED LOS ANGELES MAN

Lee Rombotis of Los Angeles, has been awarded the Paris prize of the Society of Beaux Arts, which entitles him to $3000 and two and a half years' study in the Ecole des Beaux Arts at Paris. The problem in the final competition was the designing of an office and reception room for the President of the United States. Mr. Rombotis is a graduate of the architectural department of the University of Pennsylvania and has been on the staff of the Milwaukee Building Company of Los Angeles, since his graduation. Second prize was won by H. K. Bieg and third prize by L. J. Loebel, bout graduates of the Armour Institute, Chicago. The other contestants were R. B. Thomas and Rudolph De Ghetto of the Atelier Hirons of New York. The jury was composed of H. O. Milliken, chairman, James Gamble Robinson, Raymond H. Hood, John M. Howells, J. Otis Post, Whitney Warren, Benjamin Morris, Henry Bacon and Charles Platt of New York, M. B. Medary of Philadelphia and Joseph H. Hunt, G. A. Lansburgh and Bruno Jansson.

U. S. SUIT AGAINST BUILDERS IS FOUGHT

The Industrial Association of San Francisco among whose membership is included the Building Material Dealers, and against whom the government has instituted suit for violation of the Sherman anti-trust laws, has filed a demand in the United States District Court through its attorney, Max J. Kuhl, that the government's complaint be so amended as to set forth more specially the charges made agains the association.

Seventeen objections to the complaint were set forth in the demand filed by Attorney Kuhl, among which was the request for the names and persons and the time and place at which the overt act alleged against the association was committed.

The demand will be reviewed by the federal court Monday, August 20.

ALAMEDA COUNTY PLASTERERS PERFECT ORGANIZATION

Plastering contractors of the East-bay cities have effected an organization known as the Master Plasterers' Association of Alameda County, with headquarters in the Builders' Exchange, Thirteenth and Webster streets, Oakland. The association, according to T. D. Sexton, president, and William F. Breuer, secretary, is organized for the purpose of bettering and standardizing the workmanship in that phase of building.

CARPENTERS TO SEEK UNIFORM WAGE SCALE

Twenty-seven delegates from twenty-one carpenters' union in Sacramento and the San Joaquin Valleys at a recent meeting formed a temporary organization designed to bring about uniformity in the wage scale and working conditions of the carpenters in that section of the state. The delegates will meet again at Merced, September 2nd, to permanently organize.

ALAMEDA COUNTY BUILDERS PLAN GET-TOGETHER LUNCHEON

What do the realtors owe the builders and how can the builders be of service to the realtors? This is the question which three members of the Builders' Exchange of Alameda County will present to the Oakland Real Estate Board at an early meeting of that organization. Likewise three speakers will represent the real estate board. The joint luncheon is now being planned. That closer co-operation is need between builders and realtors is recognized by both organizations and an interesting get-together luncheon is assured.

HYDRAULIC DIVISION OF R. R. COMMISSION IS ACTIVE

Activities of the Hydraulic Division of the Railroad Commission showed a marked increase for the month ending July 15; 19 formal preceedings being filed during the month, as compared with 14 during the month of June, 40 informal complaints were filed, 45 informal complaints were acted upon and finally closed, and 6 schedules of rates, rules and regulations were checked and accepted for filing, and 15 decisions affecting water utilities were rendered by the Commission.

Developments during the month indicate that the work of the Commission's hydraulic engineers will be very materially increased in the near future. On many of the smaller systems in the southern part of the State it has been found that the rapid increases of population served has greatly over-taxed the existing facilities and that the companies are finding it extremely difficult to make the necessary improvements in their facilities.

During the month ending July 15, plans for a proposed rockfilled dam at Florence Lake for the Southern California Edison Company were checked and tentatively approved, and an inspection of the foundation was made. The engineers in the Hydraulic Division also checked and tentatively approved plans for a proposed hydraulic fill dam at Butt Creek for the Great Western Power Company, including an inspection of the foundations for the dam. An inspection was made of the work of construction of El Dorado Water Company's concrete dam on Weber Creek, near Placerville, which indicated that high-class standards of construction were being followed and that the dam would be completed some time before October first.

AUSTRALIAN CONSTRUCTION INDUSTRY CREATS DEMAND FOR AMERICAN LUMBER

In consequence of the extraordinary increase in activity in all branches of the building trade in Australia the demand for dressed and rough lumber continues very strong, Trade Commissioner J. W. Sanger reports to the Department of Commerce. Figures obtained from the Commonwealth Department of Trade and Customs giving the quantity of certain kinds of lumber imports, reveal the fact that imports of dressed and partly dressed lumber, laths, and shingles, rough lumber for door stocks, rough lumber and timber in sizes 7x2½ and upwards to 12x6, were greater in the last six months of 1922 than in the previous twelve months. Regarding the United States share of the above importations, the figures are also encouraging. In importations of rough hickory, the share of the United States of America has risen from 93 per cent to 100 per cent, all importations for the six months ended December, 1922, amounting to 76,218 board feet, having been obtained from the United States. The United States share of the percentage of imports of laths fell from 91 per cent to 89 per cent, and of shingles, from 100 per cent to 91 per cent, but in rough staves the percentage of United States imports rose from 34 per cent to 52 per cent. In imports of rough lumber of all sizes n. e. i. the United States share of imports fell from 70 per cent to 67 per cent. Of course the comparison is not strictly accurate as it possible that changes in either direction may take place in the next six months of the fiscal year 1922-23, but lumber importers say that their aim is to have shipments come as regularly as possible all through the year, so that figures for six months of the year are a pretty accurate guide to the probable situation for the whole of the year. This, of course, does not refer to importation of lumber specialties such as spokes, which are only imported for the use of a limited number of Australian manufacturers, who might order a year's supply at a time.

LACK OF FUNDS — CONTRACTOR QUITS R. R. PROJECT

The failure of the Oregon, California and Eastern Railway, being built by Robert E. Strahorn from Klamath Falls ,Ore., to Sprague River, to advance sufficient funds to the contractors, Nettleton, Bruce, Eschbach Company, was the reason for the contracting firm withdrew from the job, and not because the company saw it was losing money and abandoned the contract, is the statement made by Clark Nettleton, one of the contractors.

The statement says the railway company has not lived up to its agreement to furnish funds and pay all claims as against the equipment men and supervision furnished by the contractors.

No settlement has been made by the wage claims of seventy men, some of whom are penniless as a result of being thrown out of work. Nettleton said he was certain they would be paid, but was uncertain as to by whom. The bonding company has not committed itself.

Investigation of the claims of the men was made by the Oregon State department of labor, which appealed to the city for aid for the men. Aid was not granted, the city holding that it was in no way responsible for the situation.

The Federated Commercial Bodies of Humboldt County have petitioned the Humboldt County Supervisors to appoint a committee of citizens from each supervisorial district to outline a plan whereby the county may lay out a system of permanent roads. It is proposed to float a bond issue for $2,000,000 to finance the work.

Machinery Manufacturers Standardize on Size of Concrete Block Brick and Tile

At a meeting held in Chicago, July 30-31, representatives of firms making machinery for the production of concrete building units adopted standard sizes for concrete brick and block. The determining of standards for concrete building tile was placed in the hands of a committee, to be reported on at their next meeting which is to be held in February, 1924. J. W. Freiberg, of the Ideal Concrete Machinery Co., Cincinnati, presided.

The standard size determined for concrete brick was 2¼x3¾x8 inches. The standard size for concrete block was established as 7¾ inches high by 15¾ inches long, while widths may be 6, 8, 10 and 12 inches accordingly to the wall thickness that has been designed or is required by local building codes. Sizes other than those indicated will be designated as "specials."

Standardization of size in building materials has been advocated by Herbert Hoover, Secretary of Commerce, as a means of cutting waste in industry. He was represented at the meeting by R. N. Hudson of the Bureau of Standards who told of the benefits that might be expected and who offered the services of his Bureau in effecting the changes contemplatd.

In opening the meeting A. J. R. Curtis, Manager, Cement Products Bureau, Portland Cement Association, outlined the progress of the industry through the past years, attributing the exceptional volume of concrete products sales of the last three years to the aggressiveness and expansion of a good many of the older producers of concrete products and to the high type of business men that are entering the field on a quantity production basis. He also pointed out that machinery men were to be commended for their part in elevating the business of manufacturing concrete products because of the development which has been made in high production machinery. He encouraged the machinery manufacturers to continued development by way of perfecting their equipment so as to eliminate break-downs and by way of rendering better service to prevent users of their equipment. Mr. Curtis urged the machine manufacturers to cooperate in the "year round operation" and "big stockpile" campaigns now under way. He pointed out that concrete products manufacturers always find a ready market for their products with the opening of construction activities in the Spring and at that time of the year usually obtain good prices for their products.

Motion pictures of the model "Home Sweet Home" built in Washington to inaugurate "Better Homes Week," June 6-10, 1923, were shown. The house, a replica of the home of John Howard Payne, author of the world famed song "Home Sweet Home," was built with walls of concrete block-stuccoed and formally opened by the late President Harding. The construction of the house was explained by Henry A. Guthrie who played an important part in staging this exhibition. He impressed the machinery men with the significance of the use of concrete block for the walls giving the reproduction a more enduring character than the original house which was of frame construction, and urged the entire concrete products industry to take heed of the lesson here portrayed making every effort to influence home builders to this modern type of construction throughout the nation.

The afternoon session of the first day of the meeting was held at Lewis Institute where Prof. Abrams in charge of the Structural Materials Research Laboratory and H. A. Gonnerman of the Laboratory staff told of the important research work carried out there which has definitely established fundamental principles for all classes of concrete construction. The methods of designing economical mixtures for quality concrete were explained and the effect of proper curing of concrete products to increase its strength was demonstrated. E. W. Dienhart of the Cement Products Bureau, Portland Cement Association, explained the manner in which the investigations of the Laboratory were related to the manufacture of concrete products and how the principles established there could be directed to materially reducing the cost of producing concrete products and to increasing the general quality of concrete products.

Results of tests made on various types of concrete products made in regular plants in several sections of the country were outlined. These tests were made under ordinary plant conditions but the operations were controlled in accordance with the principles established by the Structural Materials Research Laboratory. In all cases the results obtained in the Laboratory were substantiated indicating ways and means whereby products manufacturers can obtain maximum efficiency from the cement used, which works to either lower production costs, increases quality or both.

Leslie H. Allen, in charge of the Concrete House Division of the Portland Cement Association presented a detailed discussion of the use and adaptability of concrete building units with particular reference to their use in house construction. He outlined the manner in which the concrete block house is fabricated explaining the manner in which provisions are made for proper setting of window and door frames, sills and lintels tying in of joists and the construction of chimneys.

Machinery manufacturers report a big year in their line due to the greatly increased use of the products of their machines in the building industry. They adopted the following resolutions:

WHEREAS great economy of labor and material in the Construction Industry will accrue from a standardization of the size of masonry units; and

WHEREAS concrete masonry units such as concrete block, brick and tile, can be molded to exact size and produced without shrinkage or variation in size; and

WHEREAS it is in the interests of the building industry that standard dimensions of concrete units approach as nearly as possible the average size of masonry units made of other material, in order to simplify the construction methods of architects and builders; therefore

BE IT RESOLVED that this meeting of Builders of Machinery for the manufacture of Concrete Building Units do heartily endorse the efforts of Honorable Herbert Hoover, Secretary of the Department of Commerce, to bring about national uniformity in his matter and thereby reduce cost of construction; and

Be IT FURTHER RESOLVED that this meeting accept and endorse the principle of standardization and adopt a schedule of sizes that shall be found to best fit in with those that shall be adopted and recommended by the Department of Commerce for clay brick and tile and other masonry units.

WHEREAS the Department of Commerce has made a noteworthy effort to reduce the cost of construction of small homes by the preparation of its "recommended minimum requirements for the safe and economical construction of small dwellings; and

WHEREAS these minimum requirements, if adopted in the building code of any community, will eliminate much waste and standardize construction methods; and

WHEREAS this code accords national recognition to the advantages of concrete units in the construction of masonry walls,

BE IT RESOLVED that this meeting of Builders of Machinery for the manufacture of Concrete Building Units express their approval and endorsement of this code and pledge its efforts to secure its adoption in the territories covered by their business.

WHEREAS the initiation of "Better Homes Week" by Mrs. William Brown Meloney and the General Federation of Women's Clubs marks a distinct advance in the science of home building which will improve living conditions and stabilize American Citizenship, and

WHEREAS the construction of a model home in Washington, D. C., at the inauguration of "Better Homes Week," June 6-10, 1923, was a splendid example to the American people of an ideal home, and

WHEREAS the construction of the walls of this building with concrete block marked the recognition of the merits of concrete masonry units as specified by the model building code for the construction of small dwellings, published by the Department of Commerce, therefore

BE IT RESOLVED by this meeting of Builders of Machinery for the manufacture of Concrete Building Units that the support of each member be pledged to "Better Homes Week" and

BE IT FURTHER RESOLVED, that the Thanks of this meeting be extended to Miss William Brown Meloney, Secretary of "Better Homes Week" and to Miss Lida Hafford, Director of the General Federation of Women's Clubs and the other executives who conceived the program of "Better Homes Week" and who have devoted ther strength and abilities to the establishment of this national ideal.

TRADE NOTES

Arthur R. Rogers, president of the Rogers Lumber Company of Minneapolis, has sold to a purchasing syndicate under the name of Ochoco Timber Company of Eugene, Ore., more than a billion feet of timber principally yellow pine for $2,500,000. The timber is located 20 miles east of Trinville, Ore., in Crook county and consists of 73,999 acres. Rogers retains a small interest in the purchasing company. This is one of the largest tracts of yellow pine under single ownership in the west.

Announcement is made by officials of the Southwestern Portland Cement Company, which operates plants at Los Angeles and El Paso, that construction of a $1 250,000 cement plant would be started in Fort Worth within a very short time. A site of 600 acres has been acquired. The new plant will have an initial capacity of 2,500 to 3,000 barrels of cement per day and will employ about 225 men. It is stated that the wet process of manufacture will be used, which has the effect of eliminating dust and dirt.

Gross orders on the books July 1 amounted to 395,447,000 brick, as against 403,691,000 for June 1, according to the report of the Common Brick Manufacturers just released. This slight slump was declared seasonal. The report also stated that firms reporting pessimistically last month are now again optimistic and believe that demands for the balance of the year will continue strong, although not quite as heavy as the first six months.

Andrew J. Nielsen, building contractor at Capitola, has filed a petition in bankruptcy in the Federal Court. He lists his assets at $15,032.51, of which $10,286.45 is represented by open accounts, but uncollectable. Liabilities to the amount of $15,227.67 represent the debts owned by him to various building material dealers in San Francisco and San Jose.

A quarterly dividend of $1 a share on common stock has been declared by the Paraffin Co., Inc. The dividend is payable September 27 to all stockholders of record on September 17. The company also announces that its earnings for the fiscal year ending June 30, 1923, has been $1,620,925.33, after deductions had been made for state and federal taxes.

G. F. Ashley and Albert J. Evers, San Francisco architects, practicing under the firm name of Ashley & Evers, have opened an office in Los Angeles at 518 Mortgage Guarantee Bldg., 626 S. Spring St. Mr. Ashley will have charge of the Los Angeles office while Mr. Evers will continue at the San Francisco office, 58 Sutter St.

The Western Planing Mill and Woodworking Association will hold its annual convention in Portland, Ore., Aug. 22, 23, 24 and 25. Associations to be represented will include the Los Angeles Sash & Door Dealers' Association and the San Francisco Planing Mill Owners' Association.

Four hundred tons of steel will be required to manufacture the 1,000,000 1924 motor vehicle plates just contracted for by State Purchasing Agent W. G. McMillin for the motor vehicle department. The contract for the plates was awarded to the Kittle Manufacturing Company of Los Angeles.

Construction Costs Are Stabilized
Rapid Price Decline Not Looked For

The outstanding feature of the building industry throughout the United States at the present time is a pronounced tendency toward stabilized prices, according to S. W. Straus, president of S. W. Straus & Co.

"During the last sixty days fluctuations in building costs have been negligible. There have, of course, been advances and recessions here and there as the result of local conditions, but the underlying tendencies have been toward stability in costs. This important development may be taken as an indication that the activities of the industry will continue on an even keel for some time. Rapid fluctuations in building prices add to the perplexity of prospective builders, and it will be greatly to the advantage of all concerned to have conditions continue along the same lines that now exist.

"While there have been some recessions in prices, which, during the month of June amounted to 4 per cent for the average of all building materials, there is no likelihood that costs will come down to any appreciable extent. This is true largely because the shortage of buildings is so widespread and there is so much potential construction work in the country that pronounced cost decreases would immediately bring about abnormal building activity, which, through the processes of competition, would again force up the prices.

"In connection with the large amount of construction which will be demanded within the next few years, it is to be borne in mind that there is not only a very extensive building shortage, but there are certain unusual changes taking place which necessitate a greater building program than would be needed through the normal increase in population. These phenomena are as follows:

"The movement of rural populations to the cities.

"The suburban movement in most large cities as a result of the development of the automobile and good roads.

"The movement from the country districts to the city has been most intensive during the past two or three years, although during the entire decade from 1910 to 1920 it was in progress. While such a movement does not represent any increase in the population of the nation, it does mean an abnormal increase in the growth of the cities and a correspondingly abnormal demand for buildings of all kinds.

"The growth of the suburban movement has been going on intensively since the war, and has meant an abnormal demand for houses of the usual suburban type. In a recent survey of the country, it was found than 63 per cent of the cities in the country are feeling the effects of a heavy movement to the suburban districts.

"It is also a matter of note that the growth of the automobile has seriously affected the shortage of labor in the building crafts."

TENNESSEE COUNTY DEVELOPS SUCCESSFUL TYPE OF ROAD

The highway department of Davidson County, Tennessee, has developed an economical and successful type of road by salvaging with surface treatment, 215.8 miles of old gravel and waterbound macadam. These roads, according to J. G. Creveling, chairman of the Davidson County Highway Commission, comprises 26 per cent of the county system and carry 90 per cent of the traffic.

"We have been resurfacing our old macadam and gravel roads," says Mr. Creveling in a report to the Nashville Chamber of Commerce, "with a substantial thickness of waterbound macadam, being rather sparing in the use of fine aggregate and rolling the coarse stone before adding the fines. After permitting travel to use the road until well compacted and the excess fines whipped off, we apply one-half gallon of heavy Mexican asphaltic road oil, which is immediately covered with a special crushed river gravel about 400 yards per mile of twenty foot width.

"We utilize every bit of value in our old roads and we build from start to finish without detouring travel. The cost is lower, we can make more progress and it stands up well under our travel which on certain roads, averages 2,000 vehicles per day. Roads built during 1916-1917 and on to date are still in fair condition without reoiling. Immediately a road is completed it is placed in charge of a patrolman who gives it regular attention. One man with a mule and wagon takes care of about 20 miles of oiled road. This work costs about $150 per mile per year for labor and material used.

"As the surface treated road gets rough or wavy we find that it can be scarified, reshaped and reoiled at a nominal cost and by using one-fourth gallon instead of one-half gallon as originally it is really better than when first treated. We have reoiled less than 10 per cent thus far. We estimate on our main roads, which average from 800 to 2,000 vehicles per day near the city down to 200 near adjoining counties, that it costs less than one-half a cent per vehicle mile to build and maintain this type of road."

SALVAGING OLD PAVEMENTS

C. W. Boulson, City Engineer of Iola, Kansas, has worked out a method of salvaging concrete pavements by resurfacing with asphalt. In 1912 the city of Iola laid a six inch cement concrete pavement on East Jackson Avenue in the residential section. Chats were used as a mineral aggregate in mixing the concrete and conditions seemed satisfactory. After being subpected to traffic for six months the pavement began to show signs of disintegration. Transverse and longitudinal cracks developed and where these cracks crossed traffic gradually wore holes in the pavement. According to Mr. Boulson the cracking and potting were not due to faulty material or workmanship but to expansion and contraction with temperature changes. It was decided that the most economical procedure was to overhaul the old concrete pavement and to use it as a foundation for a pavement of asphaltic concrete. All loose material was removed from the old pavement and all weak spots were cut out. Holes which penetrated to the entire depth of the old pavement or nearly so, was filled with new concrete. Pot-holes and large holes which did not extend to the subsoil were filled with asphaltic binder. Finally an asphaltic concrete surface two inches thick was laid and the street immediately opened to traffic.

Building News Section

APARTMENTS

Plans Completed.
APARTMENTS Cost, $20,000
SAN FRANCISCO, SE Union & Steiner Streets.
Alter three-story frame building into 4 4-room apartments.
Owner—A. Zietrich, 2165 Union St., San Francisco.
Architect — Albert Fabre and Ernest Hildebrand, 110 Sutter St., S. F.
SPECIFICATIONS
Exterior Finish, cement plaster; Heating, Arcola system; Furnace, gas; Roof, T. & G.

To be Done by Day's Work.
APARTMENTS Cost, $12,000
OAKLAND, Alameda Co., Cal. E Grove St. 170 N 36th.
Two-story 14-room apartments.
Owner—Antonio Pinella, 3620 Grove St., Oakland.
Architect—None.

Segregated Figures Being Taken.
APARTMENTS Cost, $100,000
SAN FRANCISCO, N Bush 91-8 W Mason.
Six-story and basement concrete (35) apartments.
Owner—Jos. J. Angeli, 875 Bush St., San Francisco.
Architect—C. H. Barrett, 342 Grant Ave San Francisco.

Preliminary Plans Prepared.
APARTMENTS Cost, $200,000
SAN FRANCISCO. SW Jones and Sacramento Streets.
Six-story and basement reinforced concrete apartment building (7) 2 and 3 room apts.)
Owner—Chas. Johnson, 36 Steiner St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.

Sub-Figures Being Taken By Owner.
APARTMENTS Cost, $135,000
SAN FRANCISCO. N Geary 112-6 E Hyde.
Six-story and basement brick (35) apartments.
Owner—Jacob Steur, 755 O'Farrell St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Sub-figures will be taken for all work except the carpentry, which will be done by days labor.

Plans Completed.
APT. HOUSE Cost $20,000
SAN JOSE. Santa Clara Co., Cal., Park Ave. near Orchard St.
Alter and add to apt. house (9 2-room apartments).
Owner—M. J. Glennon.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Plans Being Figured.
ALTERATIONS Cost, $10,000
OAKLAND, Alameda Co., Cal. Chestnut Street.
Alter two-story frame residence into 8 apartments.
Owner—Withheld.
Architect—L. H. Ford, 306 14th St., Oakland.
Figures are being taken for a general contract.

Figures To Be Taken Shortly.
APARTMENTS Cost, $20,000
MARTINEZ, Contra Costa Co., Cal.
Two-story reinforced concrete store and apartment building.
Owner—Mr. Stearns.
Architect—A. A. Cantin, Foxcroft Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $35,000
SACRAMENTO, Cal., 1015 H St.
Three-story frame (12) apartments.
Owner—Albert Realty Co., 1021 H St., Sacramento.
Contractor—G. E. Harvie, 2212 T St., Sacramento.

Plans Being Prepared.
APARTMENTS Cost, $170,000
OAKLAND, Alameda Co., Cal. 15th and Madison Sts
Three-story and basement Class C brick apartment building.
Owner—Coit Invst. Co., 306 14th St., Oakland.
Architect—L. H. Ford, 306 14th St., Oakland.

Plans Completed.
APARTMENTS Cost, $18,000
SAN FRANCISCO. NW Cabrillo and Forty-seventh Ave.
Two-story and basement frame (4) apartments.
Owner—H. J. Frank, 315 Montgomery St, San Francisco.
Contractor—M. G. Bugbee, 619 Washington St., San Francisco.

Plans Completed.
APARTMENTS Cost, $22,000
SAN FRANCISCO, S 14th St. 55 W Sanchez.
Three-story and basement frame (12) apartments.
Owner—Ernest Johnson, 581 Belvedere St., San Francisco.

Plans Being Figured.
APT. BLDG. Cost, $35,000
SAN FRANCISCO, Trenton & Stockton streets.
Three-story reinforced concrete apt. Bldg., (12 3-room apts).
Owner—Withheld.
Architect—Albert Fabre and E. Hildebrand, 110 Sutter St., S. F.
Figures are being taken for a general contract.

LOS ANGELES, Cal.—See "Hotels," this issue.

LOS ANGELES, Cal.—A. H. O'Brien, 1210 Marsh-Strong Bldg., has prepared plans for a 48-rm., 24-apt. Bldg. to be erected at Hollywood Blvd. and Franklin Ave. for I. M. Silver. Two-sto., 48x142 ft., frame and plaster constr., comp. rfg., pine trim, wall beds, tiled baths, gas rads., water htrs; $40,000 .

SAN FRANCISCO—See "Theatres," this issue.

LOS ANGELES, Cal. — Charles G. Guthrie, 1326 Brand Blvd., has secured a lease on the n.w. cor. Broadway and Central Ave., and will erect a new 6-story class A apt. bldg., 106x135 ft., reinforced conc. constr., press. brick and terra cotta facing; $400,000. Norenberg & Johnson, 401 L. A. Bldg., Los Angeles, will be the archts.

LOS ANGELES, Cal.—See "Hotels," this issue.

LOS ANGELES, Cal. — Richardson Bldg. & Engr. Co., Inc., 631 S Berendo St., have been awarded the contract to erect a 4-story class C apt. bldg. on Serrano St. near Wilshire Blvd., for S. M. Reiss; will contain 50 single apts. and lobby. Monaco & Bordeaux, 913 Bk. of Italy International Bldg., archts. Brick, 4-sto. and basement, tile and comp. rfg., tile baths and drainbds., gas steam rads, unit water htr., wall beds, O. P. trim, aut. elec. elevator, art stone trim, struc. steel; $140,000.

LOS ANGELES, Cal—Arthur T. Hesse 1117 Hollingsworth Bldg., has completed plans and has the contr. at $400,000 to erect a 5-story class C apartment bldg. at n. e. cor. 9th St. and Lake Ave. for L. V. Mayell; will contain 92 rms. with large lobby and court entrance. Brick, 5-sto. and basement, 150x150 ft., press. brick and terra cotta facing, comp. rfg., hardw. fls., tile baths and drainbds., steam htg. sys., 2 aut. elevators, marble lobby, refrigerating sys., incinerators, wall beds, plate glass, struc. steel, inter-telephone sys., pent houses, steel sash, unit water htg. sys, ornam. iron work, hardw. and O. P. trim, sound deadening.

LOS ANGELES, Cal.—Harry G. Johnson, 301 Pacific Finance Bldg., has completed plans for a 13-story class A apt. bldg. to be erected at n.w. cor. Wilshire Blvd. and Catalina St. for Don M. Morris; will contain 407 rms. divided into 163 apts., large lobby, billiard room, beauty shop, etc. Reinf. conc. constr., 13-story and basement, 162x125 ft., press. brick and terra cotta facing, O. P. and hardwd. fls., 2 elec. elevators, steam htg. system, tile baths and drainbds., tile and marble lobby.

BONDS

SALINAS, Monterey Co., Cal.—Until Aug. 24, bids will be rec. by county supervisors for purchase of $80,000 bond issue of Gonzales School District; proceeds of sale to finance school improvements.

MARYSVILLE, Yuba Co., Cal.—Meetings are being held in District Ten Fa m Center to decide the question of issuing bonds of $30,000 to finance erection of new school for that section.

FRESNO, Fresno Co., Cal.—County supervisors sell $14,000 bond issue of Los Delta School District for premium of $498; proceeds to finance construction of school improvements.

SACRAMENTO, Cal.—Election will be held Sept. 10 in Washington School District to vote bonds of $25,000 to finance construction of school improvements. Trustees of district are: Geo. F. McDonell, J. T. McGregor and Harry L. Murphy. Fredrick Harrison, Peoples Bank Bldg., Sacramento, is the architect.

SACRAMENTO, Cal.—Election held in North Sacramento School District to vote direct tax of $6000 to finance school improvements failed to carry by vote of 28 to 4.

SANTA CRUZ, Santa Cruz Co., Cal. —County supervisors sell Scotts Valley School bond issue for $7605.60.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
50 Gal. Bbls. $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. S.F.
Contains 60% Crude Carbolic Acid in Insoluble Form
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO, CALIF.
PHONE SUTTER 5903

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

GRIDLEY, Butte Co., Cal.—Architect Geo. C. Sellon & Co., Mitau Bldg., Sacramento, have completed preliminary plans for the proposed Gridley Union High School, to be financed by a bond issue yet to be called. It was proposed to submit an issue for $200,000, this amount, however, has been reduced to $150,000. The election will be held in September.

EUREKA, Humboldt Co., Cal.—Election will be called shortly to vote bonds of $500,000 to finance construction of junior high school, preliminary plans for which are being prepared by Architect John J. Donovan, 1916 Broadway, Oakland. The structure will probably be erected in J St., running from the present high school to Del Norte St.

REDWOOD CITY, San Mateo Co., Cal.—Until Aug. 20, bids will be rec. by county supervisors for purchase of $75,000 bond issue of Burlingame School District; proceeds of sale to finance school improvements. Ernest Norberg, 409 Occidental Ave., Burlingame, and Balboa Bldg., S. F., is the architect.

AUBURN, Placer Co., Cal.—Bids will be rec. by county supervisors Sept. 4 for the purchase of the $2200 bond issue of the Meadow Vista Elementary School District; proceeds of sale to finance school improvements.

SAN RAFAEL, Marin Co., Cal. — County supervisors sell $40,000 San Rafael Union High School District bond issue for premium of $80; proceeds of sale to finance school improvements.

MERCED, Mereed Co., Cal.—Election will be held Aug. 14 in Merquin School District to vote tax of $5000 to finance one-room addition to present school and purchase furniture.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, bids will be rec. by county supervisors for the purchase of the $250,000 bond issue of the Los Gatos Union High School District; proceeds of sale to finance construction of new school building, plans for which are being completed by Architect W. H. Weeks, 369 Pine St., San Francisco.

OROVILLE, Butte Co., Cal.—No bids rec. by county supervisors for the purchase of the $90,000 bond issue of the Durham High School District. Proceeds of the sale were to finance construction of a new high school building. The boods will probably be sold at private sale.

CHURCHES

Plans Being Figured—Bids Close Aug. 20, 1923.
CHURCH Cost, $45,000
BERKELEY, Northbrae.
Frame and stucco church.
Owner—Northbrae Methodist Episcopal Church.
Architect—Geo. Rushforth, 354 Pine St. San Francisco.
Bids are being taken for a general contract except heating and ventilating for which bids will be taken later.

NAPA, Napa Co., Cal.—Coffield and Arnitz, Napa, at approx. $2000 awarded contract to erect 18 by 28-ft. addition to Lutheran Church in 2nd St. Rev. S. H. Hoernicke, pastor.

WOODLAND, Yolo Co., Cal.—Methodist Episcopal Church, Rev. G. G. Berger, pastor, has had plans prepared for a $70,000 church to be erected opposite the county court house. Construction will be started shortly.

FACTORIES AND WAREHOUSES

Plans Completed.
FACTORY Cost, $11,000
OAKLAND, SW 41st St. & Linden St.
Two-story factory.
Owner — Frank W. Dunne, St. Marks Hotel, Oakland.
Architect—F. D. Voorhees, 1829 West St., Oakland.

To Be Done By Day's Work.
MFG. PLANT Cost, $50,000
SAN FRANCISCO, SE 11th & Natoma Streets.
Three-story brick and steel manufacturing plant.
Owner—Samuel Schell, 180 Jessie St., San Francisco.

Plans Being Prepared.
FACTORY Cost, $60,000
SAN FRANCISCO, 7th and Howard Sts., corner.
Three-story reinforced concrete bldg. (factory).
Owner—Blindcraft, 1120 Folsom St, San Francisco.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
The money for the building has been donated, the name of the donor being withheld by request.

Contract Awarded.
LAUNDRY Cost, $20,336
MENLO PARK, San Mateo Co., Cal.
Two-story frame laundry building.
Owner—M. Dioze & P. Darracq, County Road, Menlo Park.
Architect—Will H. Toepke, Call Bldg., San Francisco.
Contractor—John MacBain, Menlo Park

Plans Being Prepared.
LOFT BLDG. Cost, $40,000
SAN FRANCISCO. S Mission St. W Seventh St.
Two-story and basement concrete loft building, 25x160.
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Sub-Contracts Awarded.
ADDITION Cost—
SAN FRANCISCO, N Saeramento 130-6 W Montgomery.
Three-story and basement class A addition to loft bldg.
Owner — Mergenthaler Linotype Co., premises.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Cast iron work etc. to California Artistic Metal & Wire Co., 349 7th St., $1123.
Insulite flooring to Insulite Chemical Co., Monadnock Bldg., $1607.30.
Lathing and plastering to Francis O'Reilly, 180 Jessie, $2818.
Glass and glazing to Cobbledick Kibbe Co., 666 Howard, $3124.
Lumber etc. to Arthur Alvin, 180 Jessie St., $1418.
Mill work to Cal. Mill Co., 645 Bryant St., $1420.
Sheet metal work (except steel windows) to W. Heidt Cornice Works, 152 1st St., $2454.
Plumbing to Frederick W. Snook Co., 596 Clay St., $1480.
Steam heating etc. to Scott Co., 243 Minna St., $2515.
Electric work to Atlas Elec. Co., 185 Stevenson, $3253.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

Plans Completed.
WAREHOUSE Cost, $16,000
OAKLAND, Alameda Co., Cal. W Livingston and 22nd ve.
One-story brick warehouse.
Owner — California Cotton Mills Co., Premises.

Plans Being Figured.
LAUNDRY Cost, $40,000
SAN FRANCISCO, Howard and Fallmouth Streets.
One-story reinforced concrete laundry building 90x160.
Owner—Hotel Owners' Association.
Architect—Meyer & Johnson, Bankers' Investment Bldg., San Francisco.
Bids are being taken for a general contract with separate bids for the plumbing and electrical work. General bids will be opened within a day or two.

Permit Applied For—Contract To Be Awarded Shortly.
WAREHOUSES Cost, $170,000
SAN FRANCISCO, N Brannan St. E 2nd Street.
Six-story and basement reinforced concrete warehouse.
Owner—Terminal Warehouse Co. (Mr. Hawley), 268 Lee St., Oakland.
Architect—Earl B. Scott, (deceased).
Engineer—Ellison & Russell, 369 Pine St., San Francisco.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick H. Wallis, 330 Pacific Finance Bldg., have been commissioned to prepare plans for a 13-sto., class A office and loft bldg., to be erected at s.e. cor. 7th and Spring Sts. for Cahn, McCabe & Co. Steel frame constr., 13-sto. and basement, 58x135 ft., press. brick and terra cotta facing, 3 elec. elevators, comp. rfg., hollow tile partitions, metal skylights, tile and marble work, copper store fronts, plate glass, lobby and 7 stores on 1st fl. with offices and lofts above. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., consulting archts.

MARTINEZ, Contra Costa Co., Cal.—Union Ice Co., has purchased site in Escobar street and plans the construction of a $30,000 ice plant. Plans will not be started, however, until permission to construct is granted by the city trustees. Petitions are being circulated opposing its erection.

LODI, San Joaquin Co., Cal.—L. W. Collins and F. G. Bradbury, Lodi, have started construction of $25,000 precooling plant at Lodi and Main Sts., for the Pioneer Fruit Co. This is first unit of plant, other units to be constructed at a later date.

CHICO, Butte Co., Cal.—E. T. Reynolds & Sons, fruit dealers, will erect 100 by 160-ft. frame and galv. iron warehouse in First St., est. cost $8,000.

LOS ANGELES, Cal.—The Moran Co., Room 6, Kerckhoff Bldg., have prepared plans and have the contract to erect a three-story Class C loft building, at 1221 Wall St., for Chas. Short. Brick, 50x150 ft., composition roofing, pressed brick facing, steel sash, cement and factory maple floors, plate and wire glass, 2 electric or hydro-electric elevators. Cost, $60,000.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is preparing plans for a 4-story and basement factory bldg., to be erected on E 7th St., near Utah St., for Wm. Volker Furniture Co. Dimensions, 90x240 ft., reinf. conc. constr., comp. rfg., steel sash, metal skylights, 2 elec. elevators, sprinkler sys., steel rolling doors.

BEVERLY HILLS, L. A. Co., Cal.—The Holsum Bakery, 1802 Hooper Ave., Los Angeles, is arranging preliminaries for erecting a large bakery plant in Beverly Hills for the company. Manager Freer states that the McCormick Co. of Pittsburgh, Pa., bakery engineers, will prepare the plans. Cost about $150,000.

SEATTLE, Wash.—The Stetson-Post Lumber Co., 5501 East Marginal Way, Seattle, is having plans prepared for a $100,000 sawmill. Plans are being made by company engineers.

FLATS

Contract Awarded.
FLATS Cost $14,000
SAN FRANCISCO, SW Bay and Gough Streets.
Two-story and basement frame and stucco (4) flats.
Owner—Miss Enid Crippen, 2330 Larkin St., San Francisco.
Contractor—Ben Liebman, 407 11th Ave. San Francisco.

Contract Awarded.
FRAME FLATS Cost, $15,000
SAN FRANCISCO, SE California St. and Twenty-fourth Ave.
Two-story and basement frame (4) flats.
Owner—Harold Schier, 1351 Mason St., San Francisco.
Architect—G. Skidmore, 302 Kearny St., San Francisco.
Contractor—H. J. Hansen, 302 Kearny St., San Francisco.

Contracts Awarded.
FLATS Cost $10,000 ea
SAN FRANCISCO, S Anza 82½ E 20th Ave E 27th 200 225 N Geary and E 27th Ave. 200 225 S Clement.
Three 2-story and basement frame flat bldgs. (4 flats each).
Owner—Cornelia Morse, Max Taylor & H. O. Lindeman, 619 27th Ave., S. F.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.

Contract Awarded.
FLATS Cost, $14,100
SAN FRANCISCO, E 18th Ave. 100 N Fulton.
2-story and basement frame (2) flats.
Owner—Dennis and Mary Dineen, 624 3rd Ave., San Francisco.
Contractor—John Little & Son, 1035 Lincoln Way, S. F.

Contract Awarded.
FLATS Cost, $20,000
SAN FRANCISCO, NE FRANCISCO & Gough Streets.
Two-story & basement frame (4) residential flats.
Owner—Dr. Wm. Burfeind.
Architect—Jas. T. Narbett, 901 Macdonald Ave., Richmond.
Contractor—John Harder, 870 39th Ave San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost, $34,750
OAKLAND, Alameda Co., Cal. W 36th Ave. 100 S E-14th St.
Two-story concrete garage.
Owner—Field & Lee.
Architect—Hyman & Appleton, 68 Post St., San Francisco.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, for fur. and del. materials to navy yards, as follows: date for opening bids as noted at end of each paragraph:

Schedule 1200, Mare Island, 1 planing mill exhauster fan and 1 induction motor, Sept. 4.

Schedule 1201, San Diego, wrenches, files, etc., August 28.

Schedule 1205, Puget Sound and Mare Island, brass bolts and nuts, Sept. 4.

Schedule 1207, various eastern and western yards, electric wire and cable Sept. 4.

Schedule 1208, various eastern and western yards, electric wire and cable, Sept. 4.

Schedule 1212, Mare Island, 2000 gasoline drums, Aug. 28.

Schedule 1213, Puget Sound, washing machine, extractor and press, 1 each, Sept. 4.

Schedule 1214, San Diego, 1 coil winding machine, Sept. 4.

SAN DIEGO, Cal.—H. H. Peterson, 356 Spreckels Bldg., San Diego, at $7,627.11 awarded cont. by Bureau of Yards and Docks, Navy Department, under Specification No. 4871 to construct roads and walks at San Diego Naval Base. Unit prices also accepted include items 2a, 2b and 2c; time for completion 70 days.

SEATTLE, Wash.—Two bids were rec by U. S. Engineer Office, Seattle, for dredging Lake Washington Ship Canal from locks west to the Sound, these being:

Puget Sound Bridge and Dredging Co. Central Bldg., Seattle, at (a) 42.73 cents cu. yd. (b) 38.73 cents cu. yd.

Henry and McFee Co., Northern Life Bldg., Seattle, (a) 57 cents cu. yd. (b) no bid.

Item A covers dredging of north side of canal and removal of 399,000 cu. yds. of earth with 63,000 cu. yd overdepth; Item B for dredging of 978,000 yards from entire oanal and allows for 140,000 yds. overdraft.

PORTLAND, Ore.—Until Sept. 7, 11 a. m., bids will be rec. by U. S. Engineer Office, 2nd District, Portland, for fur. and del. six 120-ft. by 34 ft. by 7 ft. 6-in. steel barges. Further information obtainable on application to above office.

SAN FRANCISCO—Until Aug. 22, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 Second St., under Order No. 4732/472/466, for fur. and del. Rio Vista, Solano County:

4 No. Crank disc and forced Pin to be made of cast steel as per drawing 70A-17-550. Price bid will include cost of the patterns which will become the property of the United States.

2 Sets Split Water Rings, each set to consist of 2 complete rings, to be made rough, of cast bronze, but so that they can be finished as per drawing 70A-17-467A. Price bid will include cost of the patterns which will become the property of the United States.

WASHINGTON, D. C.—Until Sept. 5, bids will be rec. by Bureau of Yards and Docks, Navy Department, under Specification No. 4809, to construct paint and oil storehouse at supply base, San Diego, Calif. Deposit of $10 req. for plans obtainable from above.

SAN DIEGO, Cal.—Secretary of the Navy has partially approved a program for development of United States naval stations which calls for an expenditure of $17,616,000 in San Diego, formulated by naval experts, has met with the partial approval of the Secretary of the Navy. The program calls for the expenditure of $155,000,000, of which about $116,000,000 will be spent on the Pacific Coast and at Honolulu. If the plan is follow ed out as originally made San Diego Naval Air Station will receive $515,000 which is included in the $17,616,000 to be expended here.

SAN FERNANDO, Cal.—Federal Bd. of Hospitalization of the U S. Veterans' Director Hines of the U S. Veterans' Bureau, the construction of a 300-bed hospital at San Fernando for tubercular patients. Construction will run in the neighborhood of $1,500,000.

SAN DIEGO, Cal.—Union Construction Co., Key Route Fill, Oakland, at $5990 awarded contract by Bureau of Yards and Docks, Navy Department, under Specification No. 4844, to construct additional roads at San Diego Naval base; time for completion 60 days.

KLAMATH FALLE, Ore.—Until Sept. 12, bids will be rec. by Bureau of Reclamation, Klamath Falls, Ore., for fur. materials, except cement and metal work and constructing Gerber Dam, involv. approx. 10,000 cu. yds. excavation and placing 9500 cu. yds. concrete. Further information obtainable from above.

DENVER, Colo.—Until Sept. 12, bids will be rec. by Bureau of Reclamation, Denver, for fur. 2 c. i. and manganese bronze pistons for the two east 60-in. balanced valves in the Elephant Butte dam, Rio Grande proect, New Mexico-Texas.

SAN DIEGO, Cal.—H. G. Fenton, San Diego, at 60c cu. yd. awarded cont. by Bureau of Yards and Docks, Navy Department, for additional filling at San Diego Naval Base.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.
FRATERNITY HOUSE Cost $30,000
BERKELEY, Alameda Co., Cal., Channing Way near College Ave.
Two-story frame and stucco fraternity house.
Owner—Alpha Gamma Delta, 2821 Bancroft, Berkeley.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.

Figures To Be Taken Shortly.
FRATERNITY HOUSE $25,000
SAN FRANCISCO, N Parnassus Ave 235 W Willard.
Two-story and basement frame fraternity house.
Owner—Delta Sigma Delta Fraternity.
Architect—August G. Headman, Call Bldg., San Francisco.

Architects Taking Steel Bids — Bids Open August 24, 1923.
STORE, ETC. Cost, $1,000,000
SAN FRANCISCO, N Post St., between Powell and Mason Sts.
Thirteen-story class A store and club building.
Owner—Elks' Club.
Architect—Meyers and Johnson, 742 Market St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Contractors — R. McLeran Co., Hearst Bldg., San Francisco.

SAN DIEGO, Cal.—Bids are being taken by Architect Lincoln Rogers, 533 Spreckels Bldg., San Diego, for the erection of the new $550,000 Y. M. C. A. Bldg., for which plans have just been completed. Contractors will be given about 3 weeks in which to figure the job. The building will be a combined club building and army and navy Y. M. C. A. Construction has been authorized by the International Y. M. C. A. The building will be 6-story and occupy the entire block on Broadway, between India and Columbia Sts. Construction will be of Class A fireproof steel and concrete, with special grillage foundations made necessary by the nature of the soil. Wash borings were made and the concrete foundations reinforced by steel slabs and I-beams ordered. Interior will contain Spanish style lobby, social hall, billiard room, dining room, kitchen, cold storage rooms, offices, etc., on the first floor, with 2-story gymnasium, 50x80 ft., occupying the northeast corner of the building with 2000 lockers, shower and plunge baths; barber shop, etc. The second floor will contain a banquet room, women's room and various offices. Above there will be 300 bed rooms, with showers and toilets, fitted with complete, vacuum cleaning system; two passenger elevators. Furnishings, $100,000. Exterior of the building will be pink and buff terra cotta and stucco for the 2nd, 3rd, 4th and 5th floors, the 6th floor to be terra cotta with red tile roof. The 1st floor will be or rusticated cut stone with a Paladin arched entrance. There will be an ornamental iron railing around the entire 1st floor, enclosing an open area providing light for the basement.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick H. Wallis, 330 Pac. Finance Bldg., have completed plans and are taking bids for a 2-sto. and part 3-sto. class C lodge and store bldg., to be erected at cor. 9th St. and Union Ave., for the Independent Order of B'nae B'rith; it will contain 11 stores and lobby on 1st fl., with lodge rooms, auditorium, banquet hall, rest rms. and kitchen on 2nd and 3rd fls. Brick walls, 80x160 ft., terra cotta and press. brick facing, comp. rfg., struc. steel, plate glass, copper store fronts, pine and hardw. trim, cement and maple fls., steam htg. sys., vtg. sys., aut. elec. elevator, tile and marble work, ornam. iron work; provisions made for future gymnasium and swimming pool in basement; $150,000.

NAPA, Napa Co., Cal. — La Eskina Club of Napa Junction is planning erection of new clubhouse to replace structure destroyed by fire. Preliminary plans for the building are being prepared.

PALO ALTO, Santa Clara Co., Cal.—Runnymede-Ravenswood Community is planning construction of a union Sunday school and religious center to cost $2500 including furniture. Preliminary plans have been prepared by G. Findlay provide for a structure, 30 by 60-ft., frame construction with folding partitions.

MARYSVILLE, Yuba Co., Cal.—Geo. Dalbey, Sr., Wheatland, awarded cont. to erect two story frame, 40 by 64-ft., community hall in the Earle district. Upper floor will be used for dance hall and auditorium and the lower floor for card rooms, kitchen and dining room.

SANTA BARBARA, Cal.—Construction of the new Masonic Temple will be authorized by the Bldg. Comm. at an early date. Archt. Carl Werner of Santa Fe Bldg., San Francisco, is revising the plans to lower the cost, and will meet with the committee to discuss the changes at a meeting to be held this week. The bldg. as now planned will be 3-sto., 122x88 ft., with banquet rm., seating 300, lodge rm., 40x60 ft., stage 14x20 ft., kitchen 15x28 ft. The bldg. will be of fireproof constr. with stucco exter. If the plans are approved this week, constr. will start soon. The total cost is est. at $150,000.

ENSENADA, Cal.—Archts. Webber, Staunton & Spaulding, 1017 Hibernian Bldg., L. A., are preparing working plans for the new clubhouse to be erected at Ensenada for the Ensenada Beach Club. It will be 2-story 125x351 ft., hollow conc. wall constr., plas. exter., clay tile rfg., pine trim. The first story will contain clubrooms with 54 bedrooms in the 2nd story. Construction will be started shortly on a group of 25 to 30 cottages. The Winter Constr. Co., 200 L. A. Ry. Bldg., will be the contractor.

HOSPITALS

Sub-figures Being Taken.
HOSPITAL $40,000 to $50,000
SANTA CRUZ, Santa Cruz Co., Cal., Bay Street
One-story frame and stucco hospital.
Owner—Miss Mary Jane Hanly, 36 Bay St., Santa Cruz.
Architect—S. P. Estv. Santa Cruz
Superintendent — Geo. H. Cardiff, 22 Wood St., Santa Cruz.
Work will be done by days labor. Clearing of the site has been started. All sub bids will be taken by Mr. Cardiff.

Plans Being Figured—Bids Close Sept. 4, 1923, 11 A. M.
OLD PEOPLE'S HOME Cost. $150,000
STOCKTON, San Joaquin Co., Cal. County Hospital Site.
Two-story Class B Old People's Home Building.
Owner—San Joaquin County.
Architect—Ralph P. Morrell, 41 S-Sutter St., Stockton
See call for bids under official proposal section in this issue.

SAN JOSE, Santa Clara Co., Cal.—See "Public Buildings," this issue. Bids wanted for hospital equipment, etc.

COVINA, Los Angeles Co., Cal.—Architects Train & Williams, 226 Western Mutual Life Bldg., Los Angeles, have completed plans and are taking bids for erecting two new fireproof dormitory buildings at Covina for Masonic Homes of California. All work will be included in one contract. Each building will contain a reception room, small dormitories to accommodate 45 beds, locker rooms, lavatories, etc.; dimensions, 48x82 ft., reinforced concrete frame, brick filler walls, 2-story and basement concrete, roof slab, plaster exterior, metal skylights, pine trim, steam heating, tiled lavatories. Work will include connecting corridors to present buildings. Total cost, $150,000.

SAN FERNANDO, Cal.—See "Government Work and Supplies," this issue.

CALIFORNIA—State Architect Geo. B. McDougall has been instructed to proceed with the preparation of plans for additional buildings at six state hospitals to relieve crowded conditions. The total cost of the improvements, details of which will be published later, will be approximately $700,000.

SAN DIEGO, Cal.—Until 11 a. m., Aug 28, bids will be rec. by county supervisors for furnishing 100 white enamel 3-piece hospital beds of the following specifications: width, 36-in.; posts, 1½-in. continuous steel tubing; uprights, ⅞-in. steel tubing; bottom cross pieces 1 1/16-in. steel tubing; heighth of head 45-in.; height of foot, 34-in.; height of fabric from floor to top, 26-in. Said bids shall include delivery to the County Hospital, San Diego. For further information call Hillcrest 41 or address the supt. of the County Hospital, J. B. McLees, clerk.

FRESNO, Fresno Co., Cal.—County supervisors have denied the petition of the County Welfare Commission that the board appropriate $40,000 to finance construction of clinic building at the general hospital. Provision will be made for such a structure in the proposed bond issue to be submitted in November, 1924.

HOTELS

Plumbing Contract Awarded—Sub-Figures Being Taken.
STORE & HOTEL Cost, $1,425,000
SACRAMENTO, Cal. NW 12th and L Streets.
Ten-story Class A store and hotel bldg. 240x160, 400 rooms "Hotel Senator"
Owner—E. Troop and W. C. Crittenden and associates, San Francisco.
Architect—Kenneth MacDonald & Maurice Couchot, 234 Pine St., S. F.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.
Plumbing awarded to Lawson & Drucker, 450 Hayes St., S. F. ,$108,000

Permit Applied For.
ALTERATIONS Cost, $60,000
SAN FRANCISCO. S Market W Eighth St. Hotel Whitcomb.
Extensive alterations and additions to lobby and dining rooms, etc., of hotel.
Owner— Whitcomb Estate, Jas Otis, Trustee.
Architect—Geo. Rushforth, 354 Pine St., San Francisco.
Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco.

LOS ANGELES, Cal.—Architect Wm. F. Bowen, 813 Union League Bldg., is preparing plans for a ten-story and basement Class A apartment hotel building to be erected at the southwest corner of Hollywood Blvd. and Serrano St. for Henry Fidroeff and F. W. Fisher, 740 S. Spring St. It will contain 90 apartments of 2 and 3 rooms each and 200 hotel rooms with 75 per cent private baths; steel frame construction, press brick and terra cotta facing, steam heating, elevators, etc. Cost, $750,000. Dimensions, 80x200 ft.

NEWMAN, Stanislaus Co., Cal.—Architects Swartz and Ryland, Fresno and Weiland and Hubbard, of Modesto, are conferring with the Chamber of Commerce and Citizens' Hotel Committee regardiny the erection of a modern hotel building. Preliminary plans presented by the architects provided for structures to contain approximately 64 rooms and costing in the neighborhood of $75,000. It is expected that the architect will be selected at the next meeting of the interested parties.

HUNTINGTON BEACH, Cal. — See "Theatres" this issue.

LOS ANGELES, Cal. — The Scofield Engineering Co., Pacific Finance Bldg., Los Angeles, has the contract at $1,-400,000 for erecting the 14-story, class A hotel and apt. bldg., El Bolivar, on E Ocean Ave., bet. Atlantic and Lime Aves., Long Beach, for the Bolivar Holding Co., Milton Realty Co., agents. Curlett & Beelman, Union Bank Bldg., Los Angeles, archts.; 190 apts., 39 hotel rms., stores.

POWER PLANTS

UKIAH, Mendocino Co., Cal.—Eureka Electric Co. composed of Husted Heinrici and J. H. Hilfiker, seeks franchise from county supervisors to erect poles and string wires in Round Valley to Convey electric energy for lighting, power and heating purposes. Seeks grant for 25 years. Hearing on applications will be held September 11. W. H. Prather, county clerk.

MODESTO, Stanislaus Co., Cal.—Until Aug. 30, 10 a. m., bids will be rec. by C. S. Abbott, secy., Modesto Irrigation District, for 12 month contract for furnishing transformers and meters. As a basis for comparing bids, an estimate of $30,000 for transformers and $5000 for meters to be purchased during the period will be used in determining most favorable proposal. **See call for bids under official proposal section in this issue.**

SEATTLE, Wash.—Until Aug. 24, 10 a. m., bids will be rec. by C. B. Bagley, secy. Bd. Pub. Wks., for louvres, frames and mullions for Gorge Plant, Skagit River Development Project. Cert. check 5% payable to City Comptroller req. Plans obtainable from secretary.

SANTA ANA, Cal.—So. Cal. Edison Co. has purchased 3 acres adjoining company's sub-station on S Main St. and will expend about $39,000 for a new station, equipment, etc. W. L. Deimling, local dist. mgr.

LOS ANGELES, Cal.—Until 3 p. m., Sept 4, bids will be rec. by public service comm., 207 S Broadway, for electric meters under spec. P-312. Jas. P. Vroman, secy.

PUBLIC BUILDINGS

MODESTO, Stanislaus Co., Cal.—City council, L. A. Love, clerk, has approved plans and specifications for two new fire stations; one to be erected in vicinity of Downey and H Sts., and the other in western section of city. Bids will be asked shortly.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, appropriates $1985 from General Fund to purchase metal filing cases for Harbor Department offices.

MT. VERNON, Wash.—Standard Construction Co., Seaboard Bldg., Seattle, at $229,872 submits low bid to Skagit County Commissioners to erect new courthouse.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, for fur. and del.:
50 hospital beds;
100 bedside tables;
75 mattresses;
200 pillows;
100 Oak Vienna chairs;
900 sq. yds. linoleum;
120 blinds;
2-wheel stretchers;
One morgue table;
12 invalid chairs.
Cert. check 10% payable to county clerk req. with each bid. Samples or photographs must accompany bids. Complete details obtainable from county clerk.

WANTED

First class mill work estimator. Must be able to list from plans on large or small buildings and bill and detail special mill work for our factory in Stockton, California, employing about 25 men. Must have good selling ability. State experience, age, and salary wanted. Permanent position and advancement for one qualified.

Fisher Bros. Planing Mill
141-151 W. Channel St., Stockton
8-25

MODESTO, Stanislaus Co., Cal.—Until Aug 22, 7:30 p. m., bids will be rec. by L. A. Love, city clerk, to construct two bungalow type fire stations. Combination bid may be submitted covering both structures or may be bid upon independently. Cert. check 10% payable to Mayor req. Plans on file in office of clerk.

FAIRFIELD, Solano Co., Cal.—C. F. Weber & Co., 985 Market St., San Francisco, at $870 awarded cont. by county supervisors to fur. and install 8 birch wood benches in court rooms at court house.

MODESTO, Stanislaus Co., Cal.—The following bids were opened on August 14th, by the Board of Supervisors of Stanislaus County, for the construction of a two-story brick detention home building to be erected in the vicinity of the County Hospital in Modesto. Plans were prepared by Architect Jas. H. Hoose, Ramont Building, Modesto. The contract was awarded to George Ulrich, 1425 Stoddard street, Modesto:

George J. Ulrich, Modesto	$24,000
Randolph & Ward	24,889
Herndon & Finnigan, Sacto	25,063
J. F. Sheppard, Stockton	25,487
Dengtson and Swenson, Modesto	26,850

MT. VERNON, Wash. — Skagit County Commissioners reject bids received to erect county courthouse and plans will be revised and new bids asked. Standard Constr. Co., Seattle, submitted low bid at $229,872, which exceeded the estimate by $40,000.

SAN FRANCISCO — Following a meeting held in the office of Mayor Jas. Rolph, Jr., regarding the erection of a Harding Memorial in San Francisco, it was decided to ask local architects and sculptors to submit suggestions and preliminary drawings for such a memorial. Suggestions have been offered for a building in the Civic Center and another for a bandstand on the Ocean Beach and another for a separate structure in the World War Veterans' Group of buildings to be erected in Van Ness Avenue.

RESIDENCES

Plans Being Prepared.
RESIDENCE Cost, $7500
IRVINGTON, Alameda Co., Cal.
Two-story frame and plaster residence.
Owner—O. N. Hirsch.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Plans Being Figured.
RESIDENCE Cost, $20,000
OAKLAND, Alameda Co., Cal. Forty-fourth St. near Telegraph Ave.
Two-story frame and stucco residence with tile roof and gum interior. (12 rooms).
Owner—Withheld.
Architect — L. H. Ford, 306 14th St., Oakland.
Figures are being taken for a general contract.

Sub-Figures Being Taken—Contract Awarded On a Percentage Basis.
RESIDENCE Cost, $50,000
RYDE, Sacramento Co., Cal. Bet. Ryde and Walnut Grove.
Two-story and basement frame and stucco residence with full concrete basement and fireproof vault (15 rooms, 5 baths).
Owner—Joseph G. Werder, Ryde, Cal.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Work to be done by day's labor.
Contractor—Ruegg Bros., 315 American National Bank Bldg., S. F.

Being Done By Day's Labor.
RESIDENCE Cost, $12,000
SAN RAFAEL, Marin Co., Cal.
Two-story brick residence.
Owner—H. Cailleaud.
Architect — O'Brien Bros., 318 Montgomery St., San Francisco.

Figures to be Taken in a Few Days.
RESIDENCE Cost, $15,000
SAN FRANCISCO, Forest Hill.
Two-story frame and plaster residence (8 rooms and 2 bathrooms).
Owner—Withheld.
Architect—A. A. Cantin, 68 Post St., San Francisco.

PRATT BUILDING MATERIAL CO.
Clarence F. Pratt, President & Manager
Suite 518 Hearst Building
All Kinds of Sand, Gravel, Rock

San Francisco, August 13, 1923

Wm. J. Feary, Chairman,
Committee on Arrangements,
Builders' Day Outing—Capitola-by-the-Sea.

Dear Billie: We offer as a prize one carload of any one of the three following kinds of sand:

I carload Pratteo Amber Sand—from Pratteo, Monterey County.
I carload Screened American River Sand—from Sacramento.
I carload Screened White Marysville Sand—from Marysville.
This carload of sand is worth $35.00 and is f. o. b. cars our plant.

Yours very truly.
SANDY.

PRATT ROCK & GRAVEL COMPANY
518 Hearst Building
San Francisco
Sacramento, Pratteo (Monterey Co.), Marysville
Rock Crushing Plant Prattrock (Near Folsom)
Clarence F. Pratt, Pres. Howard W. Senter, Secty.
Selling Agent Pratt Building Material Co., Clarence F. Pratt, President

Wm. J. Feary, Chairman,
Committee on Arrangements,
Builders' Day Outing—Capitola-by-the-Sea.

Dear Billie:

For the side-splitting funny Pony Race on donkeys (Pierce-Arrows), I offer a $50.00 carload of crushed rock from our new Crushing Plant at Prattrock near Folsom on the Tahoe-Placerville Highway, the winning teams:

We understand that the "Lavender" Team is to consist of: Clarence Sand Pratt, (Captain), Pres. Pratt Rock & Gravel Co.; Chas. Cadman, Manager Atlas Mortar Co.; John D. McGilvray, Pres. McGilvray-Raymond Granite Co.; Percy J. Walker, Pres. P. J. Walker Co., Superintendents of Building Construction.

The "Orchid" Team we understand consists of: Wm. H. George, (Captain) Manager, Henry Cowell Lime & Cement Co. also president of Builders' Exchange of San Francisco; Henry J. Brunnier, Consulting Engineer; Andrew F. Mahony, Mahony-Olson Lumber Company and Mat Harris, of the Van Arsdale Harris Lumber Company.

Yours for another wonderful Outing,
SANDY PRATT.

August 13, 1923

BOCKMANN-RUSCH HARDWARE CO.
514-516 Market Street, San Francisco, August 13, 1923

Clarence Sand Pratt, President,
Pratt Building Material Co.

Dear Sandy:—As a prize for the "Builders' Day," which will be held at Capitola, September 1st, 2nd and 3rd, we offer the following prizes:

One No. 487 Hand Drill
One No. 161 Bench Vice 2 jaw

Yours very truly,
ROBERT H. RUSCH, Manager.

HERE ARE three prizes.
* * *
FOR THE "Builders' Day" Outing.
* * *
ROBERT RUSCH, the hardware man.
* * *
GIVES TWO nice prizes.
* * *
AND CLARENCE Sand Pratt, President.
* * *
OF THE Pratt Building Material Co.
* * *
AND THE Pratt Rock & Gravel Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
OFFERS A carload.
* * *
OF HIS clean, sharp sand.
* * *
FROM PRATTCO, Monterey County.
* * *
OR FROM Sacramento or Marysville.
* * *
BUT THIS is not all.
* * *
THAT SANDY Pratt offers.
* * *
SANDY GIVES a $50.00 car.
* * *
OF CLEAN, sharp rock.
* * *
FROM HIS new crushing plant.
* * *
AT PRATTROCK, near Folsom.
* * *
THIS IS for the polo race.
* * *
ON EVER swift donkeys.

THIS IS a fun maker.
* * *
THINK OF fellows.
* * *
LIKE BILL George and Percy Walker.
* * *
AND CHARLIE Cadman.
* * *
RIDING A donkey.
* * *
AT, SAY one mile per hour.
* * *
WHEN THE speed limit.
* * *
OVER SANDY Pratt's 158 acres.
* * *
OF BOULDERS and cobbles.
* * *
AT PRATTROCK, near Folsom.
* * *
IS "99 miles per hour.
* * *
FORDS DO your best."
* * *
SANDY IS captain.
* * *
OF THE "Lavender" team.
* * *
AND BILL George.
* * *
AS CAPTAIN of the "Orchid" speeders.
* * *
WILL WEAR an orchid waist.
* * *
AND PANTS to match.
* * *
"I THANK you."

Plans Being Prepared.
RESIDENCE Cost, $8000
MILL VALLEY, Marin Co., Cal., Blythdale Avenue.
One-story frame residence and garage (6 rooms) English style.
Owner—Mr. and Mrs. Connolley, Mill Valley.
Architect—Willis C. Huson, Chronicle Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $15,000
PIEDMONT, Alameda Co., Cal No. 432 Belleveue Ave.
Two-story frame residence and garage (9 rooms).
Owner—W. H. Seagrave, 618 Moraga Road, Oakland.
Architect—None.
Contractor—A. Cederborg, 1445 Excelsior Ave., Oakland.

Plans Being Prepared — Contract Awarded.
RESIDENCE Cost, $150,000
SAN MATEO, San Mateo Co., Cal.
Three-story and basement Class A steel, brick and reinforced concrete residence with tile roof (14 rooms and 6 bathrooms).
Owner—Captain John Barneson.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., S. F.
Contractor—John Biller, 460 Montgomery St., San Francisco.
Mr. Biller has been awarded the contract on a percentage basis. Construction will not be started for several months.

LAKE ARROWHEAD, San Bernardino Co., Cal.—Archt. Howard E. Jones, 405 Katz Bldg., San Bernardino, is preparing plans for 12 summer homes to be built at Lake Arrowhead, costing a total of $250,000. They will be built for Mrs. Cathryn E. Acree, 1441 Edgeeliff Dr., Los Angeles. Eleven houses will contain 5 rms. each, and one (to be occupied by owner) seven rooms. Flemish design; stone and plaster construction, oak floors, mahogany and various hardw. trim, boat landing. Arrowhead Constr. Co. will erect the bldgs. on a percentage basis.

SANTA MONICA, L. A. Co., Cal. — Archts. Webber, Staunton & Spaulding, 1017 Hibernian Bldg., are preparing plans for a 2-story residence to be erected at Santa Monica for A. McFadden. It will contain 15 rooms and 4 baths; frame and plas. construction, tile rfg., pine trim, oak fls., tiled baths, tile mantels, unit gas htg., water htrs. $50,000.

MODESTO, Stanislaus Co., Cal.—H. W. Atwood at $1885 submits low bid to county supervisors to construct bridge tender's dwelling at the Basso Ferry. The bid was rejected. Plans will be revised and new bids asked.

SCHOOLS

Plans Being Figured—Bids Close Sept. 6, 1923.
ADDITION Cost, $10,000
SAN JOSE, Santa Clara Co., Cal.
One-story frame and stucco addition to school (assembly hall, etc.)
Owner—College Park School District.
Architect—Wolfe & Higgins, Auzerals Bldg., San Jose.

Contracts Awarded.
SCHOOL Cost—
CENTERVILLE, Alameda Co., Cal.
Two-story class C high school (approx. 30 rooms).
Owner — Washington Union High School District.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
General Contract to E. T. Leiter & Son, 3601 West St., Oakland $183,387.
Plumbing to Newman Plumbing Co., 2004 Telegraph Ave., Oakland, $13,042.
Electrical Work to R. M. Butcher, 68 S Willard, San Jose, $12,345.
Heating to Chas. L. Sturm, 407 12th St., Oakland.
Contracts were awarded to the lowest bidders, however, the amounts may be changed when the trustees decide on the alternates, at the meeting on August 16th.

Low Bidders.
SCHOOL Cost, $175,000
CENTERVILLE, Alameda Co., Cal.
Two-story class C high school (approx. 30 rooms).
Owner — Washington Union High School District.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
General Contract—E. T. Leiter & Son, 3601 West St., Oakland.
Plumbing—Newman Plumbing Co.
Electrical Work—R. M. Butcher.
Heating—Chas. L. Stearns.
Bids have been taken under advisement.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Aug. 22, bids will be rec. J. W. Linscott, secy. Board of Education, for painting the Branciforte school. Specifications and further information obtainable from secy.

LOS ANGELES, Cal.—Until 9 A. M., Aug. 22, bids will be received by the Board of Education for the following school work:
For erecting a new building at Palo Verde school site, NW Cor. of Palo Verde and Effie Sts. Farrara & Payne, architects. Separate bids for general contract, plumbing, painting, heating and wiring; $84,000.
For erecting a new building at Sierra Vista School site. Munson & Ruoff, architects. Separate bids on general work, plumbing, painting, heating and wiring; $40,000.
For erecting a new building at Palo Verde school site, NW Cor. Palo Verde and Effie Sts. Pierpont & Walter S. Davis, architects. Separate contracts on general work, plumbing, wiring, heating and painting; $84,000.
Plans and specifications for the above work may be obtained at secretary's office, 730 Security Bldg.

LAS ANGELES, Cal.—Until 9 A. M., Aug. 29, bids will be received by the Board of Education for erecting a new school building at Malabar St. school site, 3200 Malabar St. Harwood Hewitt, architect. Bids will be taken separately on the general contract, plumbing, wiring, heating and painting. The building will be of brick construction. Cost, $84,000.

LOS ANGELES, Cal.—The Board of Education has authorized its architectural department to prepare plans and specifications for a $24,000 addition to be erected to the Harbor City school Building, a $24,000 addition at the Santa Monica Blvd. school, $48,000 building at Soto St. school site and an $84,000 building at 14th St. school site.

NAPA, Napa Co., Cal.—C. F. Weber Co., 985 Market St., San Francisco, at $1495 awarded contract by Napa Union High School District to fur. and install lockers in high school. W. H. Weeks, architect, 369 Pine St., San Francisco.

NAPA, Napa Co., Cal.—Lisher and Ratto, Napa, at approx. $5000 awarded contract by Napa Union High School District to furnish and lay linoleum and install shades in new high school. W. H. Weeks, 369 Pine St., San Francisco, architect.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 7, 7:30 p. m., bids will be rec. by Ansel S. Williams, secy. Board of Education, Lindsay and San Joaquin Sts., for work on high school auditorium, consisting of interior finish, stage equipment, heating and ventilating. Louis S. Stone, architect, Belding Bldg. Stockton. Est. cost $40,000. **See call for bids under official proposal section in this issue.**

EUREKA, Nevada—T. J. Reese, Fallon, Nevada, at $75,336 awarded contract to erect new county high school in Eureka County, the contract including painting, plumbing, heating, electric work, hardware and septic tank for sewage disposal.

LOS ANGELES, Cal. — J. A. Crook, Western Mutual Life Bldg., L. A., was awarded the general contr. at $84,776 for erecting a new manual arts bldg. at Huntington Park union high school. Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., archts. The contract was awarded on the original bid of $85,563 with a deduction of $787 for substituting Bagac flooring for maple. Other contracts were awarded as follows: Cabinet work to Wohlman Manufacturing Co. at $2577; plumbing to Anthony Frank, Huntington Park at $6330; electric wiring to Electric Lighting Supply Co. at $4857; and painting to J. A. Crook at $3500 with a deduction of $250 for omitting finishing of floors.

RICHMOND, Contra Costa Co., Cal.—Until Aug. 27, 2:30 P. M., bids will be rec. by W. T. Helms, Sec'y. Richmond Union High School District, 235 Tenth St., to install hot water system in gymnasium at high school. Cert. check for $100 must accompany each bid. Plans obtainable from Jas. T. Narbett, architect, 906 Macdonald Ave., Richmond.

MODESTO, Stanislaus Co., Cal.—Until Aug. 25, 7:30 P. M., bids will be rec. by Mountain View School District for electrical heating and water system in connection with school building. Wallace H. Hubbert, architect, L. C. Black Bldg., Modesto. **See call for bids under official proposal section in this issue.**

SANTA MONICA, Cal. — Bonds of $600,000 were voted at a recent election for school improvements.

SANTA ROSA, Sonoma Co., Cal.—Bd. of Education has ordered bids called for furnishing and installing furniture in the Lincoln school building.

TRANQUILITY, Fresno Co., Cal.—Until Aug. 29, 2 p. m., bids will be rec. by R. C. Brown, clerk, Tranquillity Union High School District, to install standard bell and clock system in high school; to erect green house; install radiator for 2 large rooms, extra sections for steam boiler and for general overhauling of 28 and 34 passenger bus bodies, or allowance for old bodies in exchange for new; repair plaster and retint 4 rooms of school. **See call for bids under official proposal section in this issue.**

RENO, Nevada—Until Aug. 25, 5 p. m., bids will be rec. by Theo. W. Clark, Reno School District No. 10, to furnish and install sprinkling system on lawn of Southside school. Plans obtainable from B. D. Billinghurst, district school superintendent at Reno.

RIVERSIDE, Riverside Co., Cal. — Archt. Albert C. Martin, 228 Higgins Bldg., has been commissioned to prepare plans for a 2-story school bldg. to be erected at Riverside, for the Roman Catholic Bishop of Los Angeles and San Diego; will contain 4 classrms and auditorium. Brick walls, 2-sto., plas exter., basement, hardw. and O. P. fls., gas steam rads., tile rfg., metal lath; cost $40,000.

MERCED, Merced Co., Cal. — J. E. Fritz, Merced, at $14,294 awarded contract by Merced Union High School District to erect manual training bldg. 42 by 120 ft., hollow tile construction. Other bids: Anton Johnson, Kingsburg, $16,300; J. B. Hart, Fresno, $14,968. Allison and Allison, architects, Hibernian Bldg., Los Angeles.

MERCED, Merced Co., Cal. — J. E. Fritz, Merced, at $11,525 submits low bid to Merced Union High School District to erect cafeteria building, 34 by 108 ft., hollow tile construction. Other bids: Anton Johnson, Kingsburg, $12,250; J. B. Hart, Fresno, $11,715. Bids taken under advisement. Allison & Allison, Hibernian Bldg., Los Angeles, are the architects.

TRANQUILLITY, Fresno Co., Cal. — Mr. Cooper, Selma, Calif., at $10,830 (alternate bid) awarded cont. by Tranquillity School District to erect 2-room elementary school, including works. Ernest J. Kump Co., architects, Rowell Bldg., Fresno. Complete list of bids follow: McGinty, Fresno, $11,573; Cooper, Selma, $11,673; Jolley, Fresno, $11,720; Palm, Kingsburg, $11,850; Shorbe & Mead, Fresno, $12,493.

LOS ANGELES, Cal.—Until 9 a. m., Aug. 29, bids will be received by the board of education for erecting an addition at Los Feliz school site; brick constr.; $56,000. Arthur S. Heineman, archt. Separate bids on general work, plumbing, painting, electric work and heating and ventilating.

Plans may be obtained from the Secretary's office, 730 Security Bldg., Los Angeles.

BANKS, STORES & OFFICES

Plans Completed.
OFFICE BLDG. Cost, $375,000
SAN JOSE, Santa Clara Co., Cal. N-First Street.
Ten-story Class A brick and terra cotta office building.
Owner—Commercial Building, Inc.
Architect—Binder & Curtis, 255½ S-First St., San Jose.

Figures To Be Taken Monday.
ALTERATION Cost $5000
Alter store building.
Owner—Withheld.
Architect—A. Fabre and E. Hildebrand 110 Sutter St., S. F.

To be Done by Day's Labor—Sub-Figures Being Taken.
BANK BUILDING Cost, $75,000
NAPA, Napa Co., Cal.
One-story reinforced concrete bank building, 60x75 (stone or terra cotta facing).
Owner—Bank of Napa.
Architect — H. H. Winner Co., Sharon Bldg., San Francisco.
Work will be done by days labor under the supervision of Mr. Winner.

Plans Being Figured.
STORE BLDG. Cost, $20,000
BERKELEY, Alameda Co., Cal., University Ave. near Shattuck Ave.
One-story reinforced concrete store bldg. (5 stores).
Owner—Withheld.
Architect—August G. Headman, Call Bldg., San Francisco.

Contract Awarded.
ALTERATION Cost, $46,000
SAN FRANCISCO, 838 Market St.
New front; balcony extension; erect shelving and alter interior of store.
Owner—Sommer & Kaufmann 838 Market St., S. F.
Architect—W. H. Toepke, Call Bldg., San Francisco.
Contractor—S. Levi, 243 7th St., S. F.

Bids Opened—Bids Under Advisement.
STORE & WAREHUOSE Cost, $——
SACRAMENTO, Cal. SW Fifth and R Streets.
One-story and basement brick store & warehouse, 80x160.
Owner—C. Ohmura.
Lessee—Sacramento Growers Market.
Architect—Woollett & Lamb, Mull Bldg Sacramento.

General Contract

Chas. Mabrey, Oehsner Bldg., Sacramento	$33,528
Fred Betz, Sacramento	33,990
Wm. Murcell, Sacramento	35,317
Holdener Constr. Co., Sacto.	37,413
Herndon & Finnigan, Sacto.	37,450

Plumbing and Heating

Luppen & Hawley, Sacto.	$1064.23
Hateley & Hateley, Sacto.	1079.00
Scott, Lyman & Stack, Sacto.	1110.00
Latourrette-Fical Co., Sacto.	1125.00

Electrical Work

Latourrette-Fical Co.	$850

Plans Being Prepared.
BANK Cost, $60,000
SAN FRANCISCO, NW Valencia and Twenty-second Sts.
Reinforced concrete and terra cotta branch bank building.
Owner—Hibernian Savings & Loan Society.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.

Plans Being Prepared.
STORE, ETC. Cost, $9,000
BAY POINT, Contra Costa Co., Cal.
One-story hollow tile store building.
Owner—Kellar, Martinez.
Architect—A. A. Cantin, Foxcroft Bldg., San Francisco.

Plans to be Prepared.
STORE, ETC. Cost, $250,000
SACRAMENTO, Cal. K St. bet. 11th and 12th Streets.
Three-story and basement brick store and loft building.
Owner—W. S. and H. H Hart, 2199 3rd Ave., Sacramento.
Architect—Not Selected.

Plans Being Prepared — Bids Being Taken For Wrecking Building.
STORE BLDG. Cost, $100,000
OAKLAND, Alameda Co., Cal., 13th and Clay Sts.
Four-story reinforced concrete store building.
Owner—Chas. J. Heeseman.
Lessee—Jackson Furniture Co.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
Bids are now being taken by Mr. Meyers for wrecking the 4-story and basement brick building on the site.

Contract Awarded.
BANK BLDG. Cost, $100,000
MADERA, Madera Co., Cal. Yosemite Ave. and D St.
Two-story and basement granite bank and office building, 50x100.
Owner—First National Bank.
Architect—Sydney Clifton, Madera and Los Angeles.
Granite awarded to Raymond Granite Company.
Mr. Clifton is in Madera to supervise the construction. The ground floor will be occupied by the bank and the Title Guaranty Company and the second floor will contain 25 rooms, which will be arranged in suites for physicians, dentists, lawyers and other offices.

Contract Awarded.
BANK BLDG. Cost, $100,000
MADERA, Madera Co., Cal. Yosemite Ave. and D Street.
Two-story and basement granite bank and office building, 50x100.
Owner—First National Bank.
Architect—Sydney Clifton, Madera and Los Angeles.
Contractor—Brown & Stafford, Madera.
Granite awarded to Raymond Granite Company.
Mr Clifton is in Madera to supervise the construction. The ground floor will be occupied by the bank and the Title Guaranty Company and the second floor will contain 25 rooms, which will be arranged in suites for physicians, dentists, lawyers and other offices.

Contract Awarded.
STORE BLDG. Cost, $26,360
SACRAMENTO, 1313-19 Y St.
One-story store building.
Owner—Mrs. Edith B Dierssen, 812 9th St., Sacramento.
Contractor—Geo D. Hudnutt, California Fruit Bldg., Sacramento.

PORTERVILLE, Tulare Co., Cal.—Having outgrown the present quarters, directors of the First National Bank are planning to enlarge the present quarters or erect a new building on the site of the present one at Mill and Main streets. It is expected a decision will be made in the matter within 2 weeks. H. C. Carr is vice president of the bank.

CHICO, Butte Co., Cal.—Booth & Herboth of Marysville have been awarded a contract for the plumbing and heating for the new First National Bank building in Chico. Contract price $21,000. Chester Cole of Chico is the architect.

SAN FRANCISCO—See "Theatres," this issue.

LOS ANGELES, Cal.—Archts. Norenberg & Johnson, 401 L. A. Ry. Bldg., are preparing plans for a 4-story class A store and loft bldg., to be erected at n.w. cor. 9th and San Pedro Sts., for the Wayside Press. It will have 10 stores with lofts above and will be of reinf. conc. constr., 4-story, 170x135 ft., plas. exter., comp. rfg., conc. fls., plate glass, metal store fronts, 2 elec. elevators, steel sash, ornam. iron.

FRESNO, Fresno Co., Cal.—County supervisors have rejected offer of Holland Brothers to rent or lease a floor in the proposed Holland Building annex at a rental of $600 a month. The Holland Bldg. annex is yet to be constructed.

SANTA ANA, Cal.—Archt. M. Eugene Durfee, 202 Samuel Kraemer Bldg., Anaheim, and E. K. Koerner of Los Angeles, have secured a 99-year lease on the old Grand opera house site at cor. Bush and Fourth Sts. Plans are being completed for a 10-story store and office bldg. to be erected on the site. Demolition of the existing structure will commence Sept. 1. Six of the ten stories have been leased.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

THEATRES

Plans Being Figured.
THEATRE, ETC. Cost, $100,000
SAN FRANCISCO. Grant Ave. near Pacific Street.
Three-story Class A Chinese theatre, stores and apartment building.
Owner—Mandrin Theatre Co.
Architect—A. A. Cantin, Foxcroft Bldg., San Francisco.
Figures are being taken for a general contract. Heating bids will be taken later.

HUNTINGTON BEACH, Cal. — Bids received by Huntington Beach Inv. Co., for the construction of a 2-story theatre, store and hotel bldg. at cor. Olive and 5th Sts., have been taken under advisement. Action will be taken soon. The theatre will seat 900 with stage 25x39 ft. There will be 9 stores on the ground floor, with 27 rooms above. Archt. M. Eugene Durfee, Samuel Kraemer Bldg., Anaheim, prepared the plans

WHARVES AND DOCKS

SACRAMENTO, Cal.—Until Aug. 23, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to construct concrete piling for upper 250-ft. of M St. wharf, bet. M and N Sts. Plans on file in office of clk. Albert Givan, city eng.

BERKELEY, Alameda Co., Cal.—City Council contemplates bond election for $50,000 to $100,000 to finance harbor improvements C. L. Huggins, City Eng.

SAN FRANCISCO—Frank G. White, chief engineer, State Board of Harbor Commissioners, Ferry Bldg., instructed to complete plans for car ferry apron at Pier No. 36 to permit operation at low tide and to provide a third track. Work is estimated to cost $12,000. Bids will be asked shortly.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded
UNDERTAKING PARLORS Cost, $10,000
MARTINEZ, Contra Costa Co., Cal. Escobar Street.
One-story frame and stucco undertaking parlor building.
Owner—H. J. Curry.
Architect—A. M. Milwain, Oakland.
Contractor—S. J. Weeks and Henry Dubnoff, Vallejo, Cal.

Contractor Taking Sub-Figures.
STORE & LOFT Cost, $200,000
SAN FRANCISCO. SE Fifth and Jessie Streets.
Two-story and basement reinforced concrete auto stage terminal store and loft building.
Owner—Louis R. Lurie.
Lessees — Pickwick Corp. & Pacific Auto State Lines.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco.
Grading awarded to Carlin Grading Co. Work to start on August 13th.

Contract Awarded.
DEPOT Cost, $15,000
REDDING, Shasta Co., Cal. West Side of track bet. Yuba and Tehama Sts.
Fireproof passenger depot.
Owner Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—Architectural Dept. of Owner.
Contractor—W. P. Jones, 2218 Los Angeles St., Berkeley.

Contractor Taking Sub-Figures
LOFTS, ETC. Cost, $100,000 Approx.
SAN FRANCISCO. Stevenson St. and Mint Avenue.
Eight-story and basement reinforced concrete building (fire department on 1st and 2nd floors with lofts above).
Owner—Hale Bros.
Architect—Geo. De Colmesnil, Chronicle Bldg., San Francisco.
Contractor — MacDonald & Kahn, 132 Montgomery St., San Francisco.

FRESNO, Fresno Co., Cal.—County Supervisors plan $10,061 appropriation to finance following improvements at Fresno District Fair Grounds: repair to fences $500; construction of poultry building $1500; flooring and repairs to educational building $800; const. of at least one cattle barn $1700; construction of pump pits, $3500; installation of city gas $561; spraying of permanent wooden buildings $500 and miscellaneous repairs $1000.

GLENDALE, Cal.—State Railroad Commission has approved plans of the Southern Pacific Co. for a new combination freight and passenger station at Glendale, to cost approximately $50,000, including the construction of new tracks and passenger platforms.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic & Foreign Trade Bureau of the San Francisco Chamber of Commerce, Merchants Exchange Bldg.

D-732—Ketchikan, Alaska. Party desires to put in entire new stock of furniture. Wants San Francisco houses to send catalogues and price-lists. Wholesale only.

D-733—Winona, Minn. Firm manufacturing all forms insulation desires sales representation in Los Angeles, on a strictly commission basis with exclusive territory.

D-734—Medford, Ore. Party is in market for 2000 to 4000 feet of plaster board made in Los Angeles.

D-735—Hanford, Calif. Firm desires to get in touch with manufacturer of alloy collapsible tubes.

D-740—San Francisco, Cal. Improved "Jacobs Ladder," approved by U. S. Steamboat Inspection Service of the Department of Commerce is ready for manufacture. Party needs $8000 and can guarantee sales covering this amount as soon as plant starts working.

D-743—New York, N. Y. Manufacturer desiring to carry stock of his product in this city desires to get in touch with warehouses who make a specialty of distributing such merchandise, on the Pacific Coast.

D-745—Regina, Sask., Can. Party desires to commence a small business in engineering and artists' supplies, together with a blue printing and drafting business and including any small local engineering work. Either alone or in partnership.

D-746—Torrington, Conn. Factory superintendent and garage manager desires to connect with responsible firm.

CD-100 — Milwaukee, Wis. Young married man is interested in coming to California to live and would like to invest in some sound business. Has had some experience in bookkeeping, building and mechanical drafting. Has $1000 to invest.

CD-101—San Francisco, Cal. Eastern man with capital of $10,000 to $25,000 desires to enter into business where mechanical engineering experience will be of value.

CD-102—Canton, O. Party has $60,000 to $65,000 to invest. Desires building and selling homes.

CD-104—Regina, Sask., Can. Has several thousand dollars to invest; either alone or in partnership. Wants small engraving and artists' supplies business, blue printing and drafting, etc.

7344—Sinaloa, Mexico. Party desires to get in touch with manufacturers or dealers in cardboard for match boxes; also machinery and chemicals used in making matches.

7350—Amoy, China Firm desires to communicate with San Francisco firms who are in a position to quote prices on modern bath room fittings, cooking stoves with hot-water pipes, galvanized iron sheets (not corrugated).

7353—Nuremberg, Germany. Manufacturers of metal gas, water and steam fixtures, and other cast iron products, desire representation by agency in San Francisco.

7356—Athens, Greece. Firm, now representing various aircraft companies, desires appointment as agent for automobile manufacturer.

7357 — Smyrn, Asia Minor. Company wants prices on special machine for cleaning, sifting, stemming and sulphuring dried raisins; machine to fill boxes with raisins, and a nailing machine for closing cases or boxes.

7369—Mexico City, Mexico. Firm in position to export to United States, pottery, etc., would like to hear from interested San Francisco firms.

7370 — San Francisco. Young man, resident of Mazatlan, Mexico, would like to communicate with some import house that cares to handle products which he is in a position to ship from there.

PLENTY OF LUMBER

A Swede in Minnesota took out a membership in the Farm Bureau. About three months later the Department of Agriculture at Washington received a letter from him:

"I ban sign up for a farm bureau. Not received it as yet. Schoolmarm she ban want to board a our house and wife wants bureau for spare bedroom. For why have you not sent it before? Tell me."

He received the following letter in reply:

"Dear Sir: Replying to yours of recent date. We have no bureaus in Washington that we can send out at the present time. However, we have an A No. 1 Farm Bloc, and as soon as we can get to it we will have it sawed up, made into a farm bureau, and send it to you."—Organized Labor.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Official Proposals

NOTICE TO CONTRACTORS

(Stinson Irrigation District)

PUBLIC NOTICE IS HEREBY GIVEN that the Board of Directors of Stinson Irrigation District has called and does hereby call, and will receive until **10 o'clock A. M., on Tuesday, September 4th, 1923**, and then open at its office at the store of Eaton & Kilby, in the Town of Helm, County of Fresno, State of California, sealed bids or proposals to be addressed and sent by mail or delivered in person to R. M. Bostwick, Secretary of the Board of Directors of Stinson Irrigation District, at Helm, Fresno County, California, for the following materials: motors, pumps, appliances and work, to-wit:

ITEM NO. 1

10 to 20 vertical shaft induction motors, 60 cycles 1200 R. P. M., 3 phase, 40 degree temperature rise, with starting compensator equipped with no voltage and overload relays and designed for conduit wiring, bids on 20 and 25 horse power motor required. Performance curves of motors should be submitted with proposal.

ITEM NO. 2

3 to 6 horizontal shaft induction motors, 60 cycle, 3 phase, 860 R. P. M., 40 degree temperature rise with compensators equipped with no voltage and overload relays and designed for conduit wiring. Bids on 20 and 25 horse power required. Performance curves of motors should be submitted with proposals.

ITEM NO. 3

3 to 6 deep well turbine or propeller pumps to be installed in 9⅝-in. I. D. wells 60 ft. column, 20 suction, to pump from 2 to 2.5 second feed with a total lift of from 35 to 50 feet. These pumps may be direct connected to vertical shaft motors 1200 R. P. M. or belt driven by horizontal motors 860 R. P. M. Prices on both direct and belt driven types should be submitted. Also price per foot for additional discharge pipe. Performance curves of pumps are required with proposal.

ITEM NO. 4

10 to 14 deep well turbine or propeller pumps to be installed in 14-in. stove pipe casing wells 60 ft. column 20 ft. suction, to pump from 2 to 3 second feet with a total lift of from 35 to 50 feet. These pumps will be direct connected to vertical shaft motors, 1200 R. P. M., also price per foot for additional discharge pipe. Performance curves of pumps are required with proposals.

ITEM NO. 5

Drilling 3 to 6 wells, cased with 14-in. double No. 12 gauge stove pipe casing, 400 to 800 feet deep, price to include drilling, casing, perforating and sand pumping after perforating.

ITEM NO. 5 ALTERNATIVE

Drilling 3 to 6 wells, cased with 14-in. double No. 12 gauge casing to a depth of 100 feet and then with 12-in. double No. 12 gauge casing to a total depth from surface of from 400 to 900 feet deep, price to include perforating and sand pumping after perforating as above.

ITEM NO. 6

Furnishing material (except cement) and constructing 14 to 20 pump houses, derricks, etc.

ITEM NO. 7

Furnishing material only (except cement) for above pump houses.

ITEM NO. 8

Installing 15 to 20 deep well pumps and motors, wiring motors and making pipe connections from pump to ditches.

ITEM NO. 9

Furnishing 15 to 20 Dayton couplings for steel pipe, size depending on pump used. Quote prices on sizes to fit standard casing ranging from 8 O. D. to 12 O. D.

ITEM NO. 10

Furnishing 2 to 4 carloads of cement at Burrel or Helm, Fresno County.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rates 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section

ITEM NO. 11

Furnishing 4 to 8 carloads of gravel and 2 to 4 carloads of sand at Burrel, or Helm, Fresno County. Delivery to be made as material is required.

ITEM NO. 12

Furnishing cement pipe in sizes from 18 in. to 36 in. Total amount required 2000 to 2500 feet. Quote prices per foot delivered.

ITEM NO. 13

Cement turnout boxes, 148 more or less. Quote price delivered and installed.

ITEM NO. 14

Metal gates, 148 more or less, 20 in. diameter for connection to 20 in. cement pipe.

ITEM NO. 15

Earth work 150,000 cu. yds., more or less in ditches and latterals. Also earth work to be done by day work. Quote price per yard and prices per head of stock and equipment per day for miscellaneous earth work.

ITEM NO. 16

Reinforcing steel—15,000 sq. ft., more or less, of 4x16 mesh No. 3, and No. 8 wires, 7000 ft. more or less, of ½ inch round rods, also quote price on ⅜ in., ½ in. and ⅝ in. and ¾ in. sq. Bars, 4000 to 6000 ft. of all kinds to cut to lengths.

ITEM NO. 17

Construction of 41 bridges across canals and laterals.

ITEM NO. 18

Construction of 20 headgates, more or less, in canals; 20 checks more or less in laterals, 7 checks in canals.

ITEM NO. 19

Construction of 15 syphons, more or less across sloughs.

ITEM NO. 20

Hauling cement, gravel, sand, lumber, etc., from Helm or Burrel to various locations in the District. Quote price per ton mile or price per day for truck and driver, stating capacity of truck.

All the foregoing material, construction and work to be in accordance with plans and specifications which are on file and may be examined, in the office of said District, to-wit: Eaton & Kilby's store, in the Town of Helm, Fresno County, California and R. M. Bostwick, Secretary of said District, 422 Mattei Building, Fresno, California, and of Quinton, Code and Hill, Consulting Engineers, 1106 Hollingsworth Building, Los Angeles, California. All work to be constructed at points designated in said plans and specifications, or at other locations in the District as designated by the Engineer of said District. Such work must be done under the direction and to the satisfaction of said Engineer, and to the approval of the Board of Directors of said District. All prices for materials, equipment, machinery, etc., to be f. o. b. Burrel, Fresno County, California.

Time of delivery of materials, machinery, equipment, etc., and the performance of the work will be given weight in determining the award of bids. Proposal must state contemplated deliveries and time of commencing work and estimated completion.

Contracts will be let to the lowest responsible bidder. Each proposal must be accompanied by a certified check in the sum of 10% of the amount of the bid, and made payable to the Stinson Irrigation District as a guarantee that the successful bidder will, within ten days after the acceptance of his bid, enter into a contract with said Stinson Irrigation District to do such work or furnish such materials, equipment, machinery, etc., as the case may be, as above mentioned. Bids not accompanied by certified checks will not be considered.

Successful bidder will also be required to enter into a bond with good and sufficient securities, to be approved by the Board of Directors, payable to said District for its use, for 25% of the amount of the contract price, conditioned for the faithful performance of said contract; and also where work is to be performed under said contract to enter into a bond in a sum not less than one-half of the total amount, payable by the terms of such contract, conditioned as specified in and for the purpose provided by an act entitled "An Act to secure the payment of the claims of persons employed by contractors upon public works, and the claims of persons who furnish materials, supplies, teams, implements or machinery, used or consumed by such contractors in performance of such work, and prescribing the duties of certain public officers with respect thereto." Approved May 10, 1919. Statutes of 1919, Page 487.

The right is reserved by the Board of Directors of Stinson Irrigation District to reject any and all bids.

Dated: this 7th day of August, 1923.

NEWTON EVANS, Jr.
President and Directo .
B. W. KILBY
Director.
A. W. LEMBERG
Director.
Constituting the Board of Directors of Stinson Irrigation District.
(SEAL)

Attest: R. M. BOSTWICK
Secretary of said Board of Directors.

NOTICE TO CONTRACTORS

(Mountain View School District)

NOTICE IS HEREBY GIVEN that sealed bids will be received and opened by the Board of Trustees of the Mountain View School District, Stanislaus County, State of California, **between the hours of 7:30 P. M. and 8:00 P. M., the 25th day of August, 1923,** in the office of the Board, Mountain View Grammar School, in the Mountain View School District, County of Stanislaus, State of California, hereinafter stated, work on the Schoolhouse Building to be built on the property of the School District, County of Stanislaus, State of California, in accordance with plans and specifications made for the same by Wallace H. Hubbert, the authorized architect employed by the Board.

Segregated bids will be received on the work as follows:

1. Electrical Heating.
2. Water System.

Plans and specifications may be ob-

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

OVER 1,000,000 SATISFIED OWNERS

THE BOOK OF KNOWLEDGE Helps Us

WHY?

IF THERE'S A THING YOUR CHILDREN WANT TO KNOW,
THE BOOK OF KNOWLEDGE
KNOWS IT;
IF THERE'S A PLACE THEY WANT TO GO,
THE BOOK OF KNOWLEDGE
SHOWS IT;
IF THERE'S A THING THEY'D MAKE OR DO,
THEY'LL FIND IT IN THE PAGES;
THE BOOK OF KNOWLEDGE
GIVES THEM
ALL THE WISDOM OF THE AGES.

One of the greatest educators of the age says:

"Let a child of ten read THE BOOK OF KNOWLEDGE 15 minutes a day for 3 years and he will know more than the wisest men knew a few generations ago."

The Book of Knowledge

The Children's Encyclopedia

10,000 Educational Pictures In Five Languages 350 Colored Plates

WHY YOU SHOULD OWN IT

Because it is the **Greatest** educational work for children ever published.

Because it is the most **Interesting** educational work in existence.

Because it contains that part of the accumulated wisdom of the world, important for a child to know, told in words he can understand and in a manner that will fascinate him.

Because it answers every question a child can ask, in **simple language.**

Because its editors and contributors have made what a child **Wants to Know** and what a child **Ought to Know** identical.

Because a saving of a few cents a day for a limited period will purchase it.

Because boys and girls read it eagerly, and its pages and pictures are so intensely interesting that while being delightfully entertained the children are unconsciously absorbing the most valuable information.

Because it has received unstinted praise from people who **Know**—educators, teachers, clergymen, professional and business men and women—and many thousands of "just average fathers and mothers."

Because the children themselves are unanimous in their liking for it and an educational work which **pleases** the children while **Instructing** them is the ideal of every teacher and parent.

FREE

THE FREE SAMPLE BOOK contains many pages and pictures from the following interesting subjects: The Sun and His Family; How We Dig Up Sunshine; The World's Bread and Butter; How Men May Make Stone; The Marvel of Hearing; What Makes a Bee Hum; Animals That Work for Nature; The United Nation; Republics of South America, Etc.

Mail this FREE COUPON NOW

THE GROLIER SOCIETY,
Western Branch,
278 Post St., San Francisco, Calif.

Please mail free descriptive book containing specimen pages and illustrations from THE BOOK OF KNOWLEDGE, and explaining the use and meaning of the work.

Name .....

Address .....

BNE 7-21-23

MT. DIABLO CEMENT

A Contra Costa County Product. Awarded Gold Medal P. P. I. E.

Cowell Santa Cruz Lime

Always used where quality counts.

HENRY COWELL LIME & CEMENT CO.

2 MARKET STREET SAN FRANCISCO, CALIF.

BRANCHES

Oakland San Jose Sacramento Santa Cruz Portland, Ore. Tacoma, Wash.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

tained at the office of the Architect, Wallace H. Hubbert, L. C. Black Building, Modesto, California, or may be seen at the office of Mr. Dock, ¼ mile north of the Mountain View House, County of Stanislaus, State of California.

Each bids must be accompanied by a certified check on some responsible California bank in the sum of not less than five per cent (5%) of the amount of the bid made payable to Mr. Arnold, Clerk of the Board of Trustees of the Mountain View School District, for the purpose stated in the specifications.

Each bid must be inclosed in a sealed envelope addressed to Mr. Arnold, Clerk of the Board of Trustees of the Mountain View School District, and endorsed: "Proposal for (name segregation) for Mountain View School Building"

The Board reserves the right to reject any and all bids. The Board reserves the right to waive any or all irregularity in the bids submitted.

Bids must be delivered to the undersigned Clerk of the Board at Mountain View at the time and place above stated or any time up to the hour of opening of said bids.

MR. ARNOLD,
Clerk of the Board of Trustees of the Mountain View School District, County of Stanislaus, State of California.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on September 11, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Santa Clara County, across Cedar Creek, about 18 miles east of Gilroy (IV-S.Cl-32-B), a bridge composed of three 42 foot 4 inch reinforced concrete girder spans with concrete piers abutments and wing walls; also across North Fork Pacheco Creek, about 21 miles east of Gilroy (IV-S.Cl-32-C), a bridge composed of three 50 foot and four 25 foot reinforced concrete girder spans on concrete bents.

San Benito County, between one-fifth mile south of San Benito River and Pajaro River Bridge (V-S.Bt-67-A), about three (3.0) miles in length, to be graded and surfaced with gravel.

Plans may be seen and forms of proposals, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directins as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated August 13, 1923.

NOTICE INVITING BIDS

Old People's Home, San Joaquin County

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of San Joaquin County, California, at the office of said Board in the City of Stockton until **11:00 o'clock A. M., of Tuesday, September 4, 1923,** for the construction of an Old People's Home building at the San Joaquin General Hospital in accordance with plans and specifications prepared by Architect Ralph P. Morrell and adopted and filed by said board August 7, 1923, and to which bidders are particularly referred.

Duplicate plans and specifications may be obtained at the office of the Board of Supervisors upon depositing the sum of $25.00 to insure the prompt return of same on or before the expiration of seven days.

All bids must be made on forms to be obtained at the office of the Board of Supervisors, and presented in sealed envelopes addressed to the Board of Supervisors and marked to indicate the work for which bid is submitted.

All proposals must be accompanied by United States currency or certified check made payable to the chairman of the said Board of Supervisors in the sum of 10 per cent of the amount of the bid, or by a bond for such amount, and two bonds, each equal in amount to 50 per cent of the contract price, will be required of the successful bidder.

The Board reserves the right to reject any or all bids.

By order of said Board made August 7, 1923.

EUGENE D. GRAHAM, Clerk.
By S. A. Carter, Deputy Clerk.

NOTICE TO CONTRACTORS

(Consolidated Irrigation District)

The Consolidated Irrigation District will receive bids for the reconstruction of their main head gates near Centerville.

Information, plans and specifications may be had at the office of the Consolidated Irrigation District, Selma California, covering the following items

(1) Reinforced concrete intake at the Diversion Dam on Kings River.

(2) Reinforced concrete intake for the Centerville and Kingsburg Canal.

(3) Reinforced concrete intake for the Fowler Switch Canal.

(4) Reinforced concrete outlet for the China Slough.

Sealed bids will be received at the office of the District and will be opened September 4th, 4:00 p. m., at said office.

The contract will be let to the lowest responsible bidder, and the District reserves the right to reject any and all bids.

A certified check of 10% of the bid must accompany each proposal.

CONSOLIDATED IRRIGATION DISTRICT,
By I. H. TEILMAN,
Chief Engineer.

NOTICE TO BIDDERS

Modesto Irrigation District, Stanislaus County, California

Sealed Proposals will be received at the office of the Modesto Irrigation District at Modesto, California, until **10 a. m., on August 30th, 1923,** for submitting "Form and Delivery Contracts" or other agreements covering our requirements of electric meters and distribution transformers to be furnished in accordance with the terms of contracts covering a twelve months period.

As a basis for comparing bids, an estimate of $30,000.00 for transformers and $5,000.00 for meters to be purchased during the said period will be used in determining the proposal most favorable to the District.

Bidders will submit their prices with base and quantity discounts covering a year's requirements of supplies above specified. Bids may cover either or both classes of apparatus and proposals must be accompanied with literature giving electrical and mechanical data of the characteristics of the apparatus from no load to 50% overload.

Bidders will inclose a list of stock available for immediate shipments and the location of shipping point.

Copy of specifications and a list showing the various sizes to be covered by proposals, and the number of the various sizes that may be required, will be furnished upon request.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any or all bids.

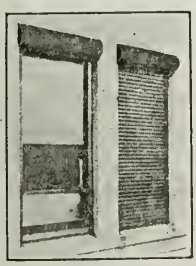
Each proposal must be accompanied by a certified check for five per cent of the estimated amount of yearly business payable to the order of the Treasurer of the Modesto Irrigation District, for the benefit of said District, as a guaranty that the bidder will, if successful, execute a satisfactory contract and furnish a bond for ten per cent of the estimated amount of yearly business, for faithful performance of the terms of said contract.

Proposals must be marked "Proposal for a twelve months contract for furnishing "Transformers and Meters" and addressed "Modesto Irrigation District, Modesto, California."

Done in pursuance of the order of the Board of Directors of the Modesto Irrigation District this 6th day of August, 1923.

C. S. ABBOTT,
Secretary of the Modesto Irrigation District.

KINNEAR ROLLING DOORS



Furnished for the closure of all types of door and window openings.

Underwriters Label furnished when desired

Pacific Materials Co.

525 Market Street San Francisco

NOTICE TO CONTRACTORS

(Stockton High School Auditorium)

Notice to bidders is hereby given that bids for work on the high school auditorium as per plans and specifications on file at the office of the Superintendent of Schools, corner Lindsay and San Joaquin streets, or Louis S. Stone, Architect, Belding Building, will be opened **Friday, September 7th, 1923 at 7:30 p. m.**, at said Superintendent's office.

The work includes:
Interior Finish.
Stage Equipment.
Heating and Ventilating.

Bids may be submitted on each division of the work.

The High School Board reserves the right to reject any or all bids. A certified check of 10 per cent of the amount bid must accompany said bid.

Dated: Wednesday, August 8, 1923.
By Order of the High School Board
By Ansel S. Williams, Clerk.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on August 29th, 1923, for constructing portions of the State Highway System as follows:

(1) Bids received until and opened at 2:30 P. M., for grading, construction of culverts, placing a cement concrete and selected material surface and constructing a steel and concrete overhead R. R. Crossing in White Pine County, between Keystone and the East City limits of Ely.

(2) Bids received until and opened at 3:30 P. M., for grading, construction of culverts and placing a gravel surface in Elko County, between the West Elko County Line and Vivian.

Plans may be examined and form of proposal, contract and specifications secured at the office of undersigned; may also be examined at the County Clerk's Office in Ely for White Pine County work, and Elko for Elko County work, the Division Engineer's office in Las Vegas, Reno or Elko, and District office of Bureau of Public Roads, Bay Building, San Francisco, California. Cash deposit of Fifteen dollars ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided, that they are returned within 30 days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the Contract and Specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

NOTICE FOR SEALED PROPOSALS

(Tranquillity Union High School Dist.)

Pursuant to an order by the Board of Trustees of the Tranquillity Union High School District, Fresno County, California, duly made and entered in its minutes on the 6th day of August, 1923.

Notice is hereby given that sealed bids will be received by the clerk of said board up to **2 o'clock p. m., the 29th day of August, 1923**, for a Standard Clock and Bell System, one Green House, steam radiator for 2 large rooms, extra sections for steam boiler, general overhauling of 28 and 34 passenger bus bodies, or allowance for old bodies in exchange for new ones, plaster in 4 rooms to be patched and retinted completely.

All particulars can be had by applying to R. C. Brown, Clerk of said board, at his office, Tranquillity, California.

The said board reserves the right to reject any or all bids not advantageous to said district.

Dated this 13th day of August, 1923.
R. C. BROWN,
Clerk of the Board of Trustees,
Tranquility Union High School District.

NOTICE TO BIDDERS

(Machinery—Fortuna Union High School District)

Notice is hereby given that sealed proposals or bids will be received at the office of the Principal of Fortuna High School District, at Fortuna, California, up to **Two (2) o'clock p. m. on the Twenty-fourth day of August, 1923**, for the following Machinery for the Mechanical Department of the Fortuna High School District, according to specifications on file in the office of the Principal of Fortuna Union High School Dstrict. Bidders will submit proposals according to the form as noted under aforesaid plans and specifications on the following machinery:

1 12"-4.8" Bed Lathe, motor driven, Taper attachment for above.
1 14" 8' Bed Selective Head Lathe, Motor driven, Taper attachment for the above.
Milling attachment for the above.
1 20" Drill Press, Motor driven.
1 Power Hack Saw, Motor driven.
1 12" 4-jaw Independent Chuck.
1 10" 4-jaw Independent Chuck.
1 9" 3-jaw Universal Chuck.
1 5" 3-jaw Universal Chuck.
1 Electric Drill.
1 each Right and Left Cutting Tool.
1 Set of Drills.
1 3-Bar Boring Tool.

The Board of Trustees of Fortuna Union High School, Fortuna, California, reserves the right to reject any and all bids.

FRED P. NEWELL,
Secretary, Board of Trustees,
Fortuna Union High School District.

BIDS WANTED FOR GYMNASIUM

(Two-story Reinforced Concrete Structure)

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, **up to and including 12 o'clock** noon, Tuesday, **September 4th, 1923**, said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of a Gymnasium, State Teachers College, San Francisco, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications. the deposit to be returned immediately on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

All bids must be addresed to Geo B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento California, and plainly marked on the envelope: "Proposal for Gymnasium, State Teachers College, San Francisco, California."

STATE DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE.
GEO. B. McDOUGALL,
State Architect.
R. M. MORTON,
Director of Public Works.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Engineering News Section

BRIDGES

HELM, Fresno Co., Cal.—See Call For Bids under official proposal section in this issue. Stinson Irrigation District.

RED BLUFF, Tehama Co., Cal.—Until Aug. 27, 10 a. m., bids will be rec. by H. C. Kuhn, county clerk, for following work:

(1) Move one steel span (100ft. in length) of Red Bank Creek bridge on state highway near railroad and place same over creek on Blossom Rd. near E. J. Blossom residence, Supervisor District No. 2.

(2) For rein. conc. abutments and wings and moving and erecting steel span over Cold Fork of Cottonwood creek at Pettyjohn place, Supervisor District No. 2.

Separate bids wanted on above. Cert. check 10% payable to Chairman of Bd. of Supervisors req. W. F. Lunning, county surv.

VENTURA, Cal.—John Short, 420 S Beaudry, Los Angeles, submitted low bid to supervisors at $23,000 to const. reinf. conc. bridge of 7 spans, each 30 ft. long on conc. piers and abutments on timber pile foundations over Calleguas Creek on coast highway; estimated quantities are: 289 cu. yds. A conc, 85 cu. yds. B conc.; 46,850 lbs. reinf. steel; 30 reinf. conc. piles; 34 O. P. piles; 420 lin. ft. pipe railing. Mercereau Bridge & Constr. Co., Los Angeles, bid $23,900. These two bids were taken under advisement. Other bids were: W. M. Ledbetter & Co., $28,745; Frank Lowry, $31,500.

MERCED, Merced Co., Cal. — P. J. Thornton, county clerk, will ask bids at once to construct three concrete bridges; two on Chowchilla road and one near Amsterdam. Bids will also be asked to construct three culverts on Chowchilla road.

BALBOA, Cal. — W. M. Ledbetter & Co., P. E. Bldg., Los Angeles, have contract at $16,000 for Schlueter reinf. conc. interlocking pile wall 800 ft. long, around the s.w. cor. of Balboa Island.

YUBA CITY, Sutter Co., Cal.—County Surveyor William Shearer preparing plans for new bridge over Bear River bet. Rio Oso and Wheatland; approx. 600 ft. long; est. cost $25,000 to $30,000.

SAN DIEGO, Cal.—Lipscomb & Dutton, San Diego, awarded cont. by supervisors at $9970 to const. pile trestle bridge with asph. conc. wearing surface over San Diego river near the old Mission on San Diego county highway.

FRESNO, Fresno Co., Cal.—C. C. Gildersleeve, 1106 Pine St., San Francisco, awarded contr. by supervisors at $7000 for the const. of a concr. arch bridge on Rte. 16, Sec. B, Fresno county highway system. Other bids were: Adell-Cortright Co., Hanford, $7452; J. R. Johnson, Stockton, $7988; Lisher & Carrillo, Coalinga, $8962.

Adell-Cortright Co., Hanford, was awarded contr. at $6240 for the constr. of a culvert on Rte. 16, Sec. B, Fresno county highway system. Other bids were: Calif. Constr. Co., Fresno, $7250; Jas. R. Johnson, 1721 N.Hunter St., Stockton, $7790.

Stewart & Bland, Fresno, awarded contr. at $1120 to const. concr. culvert on Rte. 13, Sec. A, and a concr. bridge on Rte. 12, Sec. A. Other bids were: Adell-Cortright Co., Hanford, $1477; C. C. Gildersleeve, San Francisco, $1600; Jas. R. Johnson, Stockton, $1885.

MARYSVILLE, Yuba Co., Cal.—County supervisors vote to construct bridge 1200 ft. long over Bear river at end of Plumas Lake-Arboga district highway. Jason R. Meek, county surveyor.

SAN RAFAEL, Marin Co., Cal.—County surveyor instructed to prepare spec. to imp. and repair Green Brae bridge.

SAN FRANCISCO—U. S. Steel Products Co., Rialto Bldg., San Francisco, at $272,162 under Prop. A and $239,562 under Prop. B, submits low bid to Board of Public Works to furnish, deliver and erect steel bridge superstructure to carry Bay Crossing pipe line across Dumbarton Straits, under Contract No. 93, Hetch Hetchy project. Prop. A involves fur., del. and erecting steel bridge spans complete, 36 in al, each span 105 ft. involv. 2,880,000 lbs. metal; fur. and applying 326,000 sq. ft. protective coating on surface of all steel; fur. del. paint and erect 288 r.w. pipe sills and fur. del. paint and erect 58,500 ft. B.M. O. P. walkways. Prop. includes all of the items included in Prop. A with exception of protective coating on surface of steel. Next two low bidders were: Healy-Tibbetts Const Co., A, $281,376; B, $252,036. W. B. Kyle, A, $287,544.75; B, $253,743.75.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by Henry Pfister, county clerk, to const. corru. iron culvert and headwalls on Pierce rd. in Supervisor District No. 5. Cert. check 10% payable to clerk req. Plans obtainable from county surv. on deposit of $1.

OROVILLE, Butte Co., Cal. — Until Aug. 28, 2:15 p. m., bids will be rec. by C. F. Belding, county clerk, to const. bridge over South Branch of Dry Creek on Clark rd., in Sec. 3, T. 20 N., R. 3 E., M.D.M. Cert. check 10% req. Plans obtainable from Harry H. Hume, county surv.

YREKA, Siskiyou Co., Cal.—Bids rec. Aug. 6, by county supervisors, W. J. Neilon, clerk, to const. curve chord riveted Warren sixty ft. steel span bridge on steel pile and concrete foundation, over Scott River in Patton Lane, Scott River Rd. District, have been rejected and bids order re-advertised to be opened Sept. 4, 10 a. m. Plans obtainable from Albert F. Parrott, county surv. at Yreka.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const. rein. conc. bridge on Saratoga Summit rd. at Booker's Place, in Supervisor District No. 5. Cert. check 10% payable to county clerk req. Plans obtainable from county surv. on deposit of $1.

Engineers and Contractors
PLEASE NOTE
We are FACTORY distributors
—for—
MILBURN CARBIDE FLARE LIGHTS
for Night Work 500 - 12,000 c. p.
Economical and Efficient
MILBURN OXY-AVETYLENE WELDING AND CUTTING APPARATUS
for Repairing and Construction
Let us send you full information
E. D. BULLARD
268 Market St., San Francisco
Phone Douglas 6320-Doug. 6321

REDDING, Shasta Co., Cal.—J. H. Porter, Redding, at $7850 awarded contract by county supervisors for cut at one end and fills and rock walls at each end of bridge over Pit river at Fall River Mills.

Wm. Stephens, Redding, at $906.60 awarded cont. to const. wooden bridge and one conc. pier across gulch on Clear Creek rd. bet. State Highway and Gardella dredger. Other bids on this work were: Rolla Arbuckle, $923; S. Severtson, $920.

SANTA CLARA CO., Cal.—Until Sept. 11, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. bridge over Cedar Creek, Santa Clara county, approx. 18-mi. east of Gilroy; composed of three 42-ft. 4-in. rein. conc. girder spans with concrete piers, abutments and wing walls; also across North Fork of Pacheco Creek, about 21 miles east of Gilroy, a bridge composed of three 50-ft. and four 25-ft. rein. conc. girder spans on conc. bents.

R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal.—Lipscomb & Dutton, San Diego, awarded cont. by council at $8816.15 to repair Adams Ave. bridge at Texas St.

OAKLAND, Cal—City council, Eugene K. Sturgis, clerk, has been petitioned to construct bridge across Lake Merritt slough connecting Tenth St. with E-Tenth St. Taken under advisement. W. W. Harmon, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const. rein. conc. retaining walls on Guadalupe creek at the Almaden road and at Arata's place in Supervisor District No. 4. Cert. check 10% payable to county clerk. Plans obtainable from county surv. on deposit of $1.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const. rein. conc. bridge in Buena Vista Ave. over Llagas creek, in Supervisor Dist. No. 1. Cert. check 10% payable to county clerk req. Plans obtainable from county surv. on deposit of $1.

OROVILLE, Butte Co., Cal.—Until Aug. 28, 1:30 p. m., bids will be rec. by C. F. Belding, county clerk, to construct bridge over Slough, 1.23 miles west of Nord on the Nord-Gianella Rd. Cert. check 10% req. Plans obtainable from Harry H. Hume, county surv.

YREKA, Siskiyou Co., Cal.—Bids rec. by county supervisors, W. J. Neilon, clerk, Aug. 6, to const. curve chord riveted Warren steel sixty foot steel span bridge on concrete foundation over East Fork of Scott River, town of Callahan, Etna Road Dist., have been rejected and bids ordered re-advertised to be opened Sept. 4, 10 a. m. Cert. check 10% req. Plans obtainable from County Surv. Albert F. Parrott.

SANTA ROSA, Sonoma Co., Cal.—W. L. Proctor, Rosenberg Bldg., Santa Rosa, at approx. $12,800 awarded cont. by Supervisors to const. steel truss bridge over Austin creek at Watson Station, 5th Supervisorial District, involv. 146 cu. yds. concrete; 36 tons structural steel; 21,000 b. m. timber.

EUREKA, Humboldt Co., Cal.—Smith Bros., Eureka, at $4997 awarded cont. by Supervisors to const. wooden truss bridge over 7-mi. slough, Padgett & Kelly, Eureka, bid $5665.

EUREKA, Humboldt Co., Cal.—Smith Bros., Eureka, at $9498 awarded cont. by supervisors to const. rein. conc. girder bridge across North Fork of Elk river near Falk. Dist. No. 3. Padgett and Kelly bid $9636.

EUREKA, Humboldt Co., Cal.—Eng. J. B. Leonard, 57 Post St., San Francisco, commissioned by Humboldt county supervisors to prepare plans and spec. for a rein. conc. bridge on the state highway at Van Duzen near Alton. County will pay one-half and the state the other half of construction. A. J. Logan is county surveyor.

EUREKA, Humboldt Co., Cal.—Supervisors reject bids to const. conc. bridge over Boulder Creek. Bids were: Smith Bros., $9600; Padgett and Kelly, $10,868.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const. 2 rein. conc. culverts on San Martin Ave., in Supervisor District No. 1. Cert. check 10% payable to county clerk req. Plans obtainable from county surveyor on deposit of $1.

DREDGING, HARBOR WORKS AND EXCAVATIONS

DANNER, Ore.—Until Aug. 20, 10 a. m., bids will be rec. by Jordan Valley Irrigation District to enlarge Antelope reservoir by raising 14-ft. making same 55-ft. high and storing 40,000 ac. ft. water, also for extending low unit main system of canals 40-mi. from reservoir to line in district in Jordan Valley. Canals 20 to 30-ft. wide. Total est. cost $320,000. Plans obtainable from Engineers Baar and Cunningham, Spalding Bldg., Portland.

NEWPORT, Cal.—L. A. Dredging Co., Long Beach, has been awarded cont. by Parkinson Syndicate to dredge 1,350,000 cu. yds. material for a channel commencing at the county turning basin. The channel will be a minimum width of 150 ft., with minimum depth of 10 ft. at low tide. Approx. cost $500,000. Leeds & Barnard, Central Bldg., Los Angeles, consulting engrs.

SEATTLE, Wash.—See "Government Work and Supplies," this issue. Bids opened U. S. Engineer Office, dredging ship canal.

CHICO, Butte Co., Cal.—Chico-California Dredging Co., Chico, at approx. $22,800 awarded cont. for drainage work in Butte Creek Basin in the southern section of Butte county.

HELM, Fresno Co., Cal.—See Call For Bids under official proposal section in this issue. Stinson Irrigation Dist.

SAN BENITO COUNTY, Calif—Until Sept. 11, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with gravel 3 miles of highway in San Benito county bet. 1/5 mile south of San Benito river and Pajaro River bridge, R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

BERKELEY, Alameda Co., Cal.—City council contemplates bond election for $50,000 to $100,000 to finance harbor improvements. C. L. Huggins, city eng.

IRRIGATION PROJECTS

HELM, Fresno Co., Cal.—Until Sept. 4, 10 A. M., bids will be rec. by R. M. Bostwick, Sect'y., Stinson Irrigation District, 422 Mattei Bldg., Fresno, for construction in district, involv. the installation of pumps and motors, drilling wells; furnishing cement, gravel, cement pipe, metal gates, etc., constructing ditches; furnishing reinforcing steel; const. 41 bridges, bauling, etc. Quinton, Code & Hill, Consulting Engineers, 1106 Hollingsworth Bldg., Los Angeles. **See call for bdis under official proposal section in this issue.**

SAFFORD, Ariz.—Gila Valley Irrigation Dist. is having a preliminary survey made by members of the water users executive committee of possible dam sites. An election for the purpose of organizing such a district will be held soon.

TRACY, San Joaquin Co., Cal.—Engineer W. D. Harrington, Tracy, has submitted preliminary estimates of the cost to the directors of the Banta-Carbona Irrigation District for the construction of irrigation works. Important items included in the report consist of a pipe line, costing $705,000 and a canal system, costing $686,000, the funds to be raised through a bond issue.

BISHOP, Inyo Co., Cal.—Bonds of $1,650,000 voted in Owens Valley Irrigation District to finance construction of irrigation works.

PHOENIX, Ariz. — The $23,000,000 Verde Irrigation and power district bond issue carried at the recent election with but one dissenting vote. The bonds were voted for the construction of works which will provide 70,000,000 h. p. and bring approx. 92,000 acres of land into use. The work will include the construction of storage and diversion dams, power plants, irrigation canals and laterals. Information may be obtained from the office of the dist., 517 E. Adams St., Phoenix.

SELMA, Fresno Co., Cal.—Until Sept. 4, 4 p. m., bids will be rec. by I. H. Teilman, ch. eng., Consolidated Irrigation District, to reconstruct main head gates near Centerville. Bids will be taken covering the following items:
(1) Rein conc. intake at Diversion Dam on Kings River.
(2) Rein. conc. intake for Centerville and Kingsburg canal.
(3) Rein. conc. intake for Fowler Switch canal.
(4) Rein. conc. outlet for China slough.
See call for bids under official proposal section in this issue.

LIGHTING SYSTEMS

SAN ANSELMO, Marin Co., Cal.—C. B. Herrold, San Anselmo, at $2827 awarded contract by town trustees to install electroliers on concrete bridges with connections by conduit system. Butte Elec. & Mfg. Co., at $3802.60 only other bidder.

LOMPOC, Cal.—A lighting system involving 40 posts will probably be installed before the end of the year, according to present plans.

REDLANDS, Cal.—City trustees declare inten. to const. ornam. lighting sys. on Myrtle St., bet. Olive and Fern Aves.

SANTA ANA, Cal.—Petitions for ornam. lighting sys. on N. Broadway and S. Main St., will be presented to city council shortly.

BAKERSFIELD, Kern Co., Cal. — City council has voted to install electrolier system. System will consist of single standard incandescent No. 12 Novalux globe, G. E. specifications. Standards will be 14-ft. ornamental pressed steel with c. i. base, steel globe top, 400 candlepower lights. Eight standards will be installed to a block. W. D. Clark, city eng.

MACHINERY AND EUIPMENT

MARYSVILLE, Yuba Co., Cal.—City council has appropriated $7500 to purchase motorized street sweeper. J. O. Wanzer, city manager.

VALLEJO, Solano Co., Cal. — Geihl Motor Co., at $1630 awarded cont. by city council for fur. one Studebaker touring car for use of Police Dept., an allowance of $630 being made for car now in use.

HELM, Fresno Co., Cal.—See Call for Bids under official proposal section in this issue. Stinson Irrigation District.

FORTUNA, Humboldt Co., Cal.—Until Aug. 24, 2 P. M., bids will be rec. by Fred P. Newell, Sect'y., Fortuna High School District, for fur. and del. machinery for mechanical departments, including:
One 12-in. 4.8 Bed Lathe, motor driven, Taper attachment for same;
One 14-in. 8 ft. bed selective head lathe, motor driven, taper attachment, for same.
Milling attachment for above.
One 20-in. Drill Press, motor driven;
One power hack saw, motor driven,
One 12-in. 4-jaw Independent chuck;
One 10-in. 4-jaw Independent Chuck;
One 9-in. 3-jaw Universal Chuck;
One 5-in. 3-jaw Universal Chuck.
One electric drill;
One each right and light cutting tool
One set of drills;
One 3-bar boring tool.
Further information obtainable from clerk. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for the sale of a used loader located at the county Saratoga rock quarry. Cert. check 10% payable to clerk req. Further information obtainable from county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for fur. and del. one Spearwell Mogul Loader, Creeper Tread track. Cert. check 10% payable to clerk req. Further information obtainable from county surveyor.

SAN FRANCISCO—Until Aug. 27, 2 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, for building a body for a White Ambulance (No. 5.) Further information obtainable from agent, rm. 270 City Hall.

TRANQUILLITY, Fresno Co., Cal.—See Official Proposal Section in this issue. Bus bodies. Tranquillity Union High School District.

LOS ANGELES, Cal.—Until 2:30 p. m. Aug. 31, bids will be rec. by harbor comm., 312 Byrne Bldg., for locomotive crane under Spec. 511. Guy W. Wade, secretary.

WILLOWS, Glenn Co., Cal.—C. E. Linebaugh, Willows, at $1265 awarded cont. by county supervisors for fur. and del. one Fordson tractor.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

RAILROADS

OAKLAND, Cal. — Negotiations are under way by the Southern Pacific Co., to secure a franchise on the tide water property extending from 50th Ave. to the r.r. property on the estuary to the west, to complete holdings of the company for a belt line railroad extending from one extremity of the inner harbor to the other.

LOS ANGELES, Cal. — Following a hearing, Harley W. Brundige, State Railroad Commissioner, has taken under advisement the application of the Santa Fe and Los Angeles Harbor Railroad for permission to construct a railroad over certain streets and highways between Los Angeles city and its harbor district and from there to El Segundo. The Los Angeles County Planning Commission has recommended that if such a permit is granted the tracks should be elevated to avoid grade crossings.

KANSAS CITY, Mo.—Recent concessions obtained from President Obregon of Mexico will make possible the completion of the Kansas City, Mexico and Orient Railroad from Wichita, Kansas, to the Gulf of California. W. T. Kemper, president and receiver of the railroad, announces. A gap of 161 mi. bet. Alpine, Texas, and Falomir, Mexico, and a gap of 2.09 mi. bet. San San Chez and Fuerta, Merico, will be closed if Kemper's plans materialize, making a continuous stretch of railroad 1389 miles long, extending between Wichita, Kansas, and Topolobampo, on the Gulf of California Coast.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy instructed to prepare estimates of cost for an extension of the Municipal Railway system into the district west of Castro street over Eureka street. It is proposed to run the line from the west end of Market St. over Eureka to 23rd St., thence over 23rd to Diamond, thence over Diamond to Thirteenth St., the terminus for the proposed line.

FIRE EQUIPMENT

WOODLAND, Yolo Co., Cal.—American LaFrance Co., at $20,000 submits low bid to city trustees for fur. and del. one motor-propelled comb. 750-gal. per min pumper and hose car and one motor-propelled comb. chemical and hose car. Other bids: Seagrave Co., $21,060; Arens-Fox Co., $21,850; Stutz Co., $20,010.

MODESTO, Stanislaus Co., Cal.—City council, L. A. Love, clerk, passes ordinance authorizing appropriation of $4,000 to purchase 5000-ft. 2½-in. fire hose.

LODI, San Joaquin Co., Cal.—W. H. Faust, secretary, Volunteer Fire Department, recommends purchase of modern fire truck and engine for district west of S. P. tracks in center of business section. E. H. Stark, chief of department.

TURLOCK, Stanislaus Co., Cal.—Fire Department recommends to city trustees the purchase of 500 ft. 2½-in. fire hose. A. P. Ferguson, city clerk.

MISCELLANEOUS SUPPLIES

SAN FRANCISCO—Pacific Portland Cement Co. submits only bid to City Purchasing Agent, Leonard S. Leavy, for furnishing city with cement for the fiscal year 1923-24. Bid was rejected, due to the fact that it was only submitted. Blds will be re-advertised.

HELM, Fresno Co., Cal.—See call for Blds under official proposal section in this issue. Stinson Irrigation District.

RESERVOIRS AND DAMS

KLAMATH FALLS, Ore.—See "Government Work and Supplies," this issue, Gerber Dam project.

DANNER, Ore.—See "Dredging, Harbor Works and Excavations," this issue. Bds wanted canals and dam raising. Jordan Valley Irrigation District.

RENO, Nev.—Actual construction of a reservoir for the creation of a lake with a surface area of 12,000 acres, or approx. 50 sq. miles, will be started Jn. 1, 1924, ccording to Engr. Ferd Bonstell of the U. S. Reclamation Service, in charge of the work. The total cost will be $4,000,000, of which $1,000,000 will be spent in 1924. A crew of surveyors, under the direction of Ferd Bonstell, is at work, locating the ditch line frm the Truckee river t the site of the Spanish Springs reservoir.

SAN DIEGO, Cal.—City council plans enlargement of Barrett dam, by increasing the height several feet to provide about 5,000,000 gal. additional storage. According to a report of former Hydraulic Engr. Savage, read before the council, the present available water supply is good for only about five years.

SANTA CRUZ, Santa Cruz Co., Cal.—City council has purchased a 7-acre site on which it will construct water system reservoir impounding from 23,000,000 to 32,000,000 gals. This is the first step in the construction of the proposed water system project for which bonds of $400,000 were voted last May.

MERCED, Merced Co., Cal.—Following the receipt of a letter from the Contractors Association of Northern California the directors of the Merced Irrigation District, which recently rejected bids for the proposed Exchequer dam, have voted to give that association a hearing when it will be given the opportunity to "present information and facts of intense interest" which will probably cause the district directors to reconsider their decision to proceed with the construction by day labor. The letter was signed by E. G. Lloyd, secretary of the association.

PIPE LINES, WELLS, ETC.

HELM, Fresno Co., Cal.—See call for bids under official proposal section in this issue. Stinson Irrigation District.

PORTLAND, Ore.—Blds will be asked at once by the City Council to construct the 3rd pipeline from the Bull Run headworks of the Portland reservoirs. Fred Randlett, ch. eng. for project.

OAK GROVE, Ore. — See "Waterworks," this issue. Oak Lodge Water District.

SAN DIEGO, Cal.—City Mgr. F. A. Rhodes, states that by making repairs to the present pipe line used for bringing water from Lower Otay reservoir, construction of a new line will not be necessary and that the $400,000 bond issue can be diverted for further water development. Repairs, he states, will render the line adequate for ten years. Meanwhile, funds will accumulate in the water depreciatin fund, and the new line can be built piece by piece as the funds become available.

LONG BEACH, Cal.—An election will be held to vote on $3,000,000 bond issue for acquiring municipal gas plant and pipe lines, etc. Ord. No. C-157. H. C. Waughop, city clerk.

SEWAGE DISPOSAL PLANTS

LOS ANGELES, Cal.—California Filter Co., Equitable Bank Bldg., submitted only bid to Bd. Pub. Wks. for liquid chlorine in carload lots f. o. b. Los Angeles, as follows: in 150 lb. cylinders at 12c lb.; in 100 lb. cylinders at 13c lb. less than carload lots, 14c lb. Contract may be increased to 20,000 lbs per mo. on the above schedule; shipment can be made in 3 days from receipt of order.

TRACY, San Joaquin Co., Cal.—W. H. Graham, Lodi, at $63,937 submits low bid to city trustees to construct sewage disposal plant, from plans of Clyde F. Smith, consulting sanitary engineer, 516 Santa Barbara Road, Berkeley. Other bids: Goold and Johns, Stockton, $74,000; Davis-Heller-Pearce Co, Stockton, $87,000.

Pacific Tank and Pipe Co. bid $1.80 lin. ft. for wood stave pipe. C. E. Clinch Richmond, bid $2.18 lin. ft. for cem. pipe and $85 ea. for manholes. All bids were rejected as the city has only $57,000 to finance the project. Bids were taken on the following items: Outfall sewer, 18-in. conc. vit. or wood stave pipe, approx. 6400 ft.; 2 units of Imhoff tanks with appurtenances, including sludge drying beds; dosing tank with Miller siphon; trickling filters with all appurtenances; 3 units of secondary settling tanks with appurtenances; sump house with gasoline motor and two pumps; overflow bypass 12-in. conc., vit. or wood stave pipe, approx. 400 ft.; boring well.

MISCELLANEOUS CONSTRUCTION

OAKLAND, Cal. — County Surveyor Geo. A. Posey has been officially appointed by the county supervisors as chief engineer in charge of the construction of the tube under the Oakland estuary & have instructed him to start borings to determine the strata in the soil where the tube approaches are to be constructed.

MARYSVILLE, Yuba Co., Cal. — Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has appropriated ments here. Details of construction are not available at present. E. C. Johnson is division mgr. for the company at Marysville.

LONG BEACH, Cal.—City at recent election voted bonds of $3,000,000 for a gas plant.

HELM, Fresno Co., Cal.—See Call for Bids under official proposal section in this issue. Stinson Irrigation District.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. — Junction Valencia
24 VAN NESS AVENUE — Near Market
Phone Market 8926

SAN FRANCISCO — L. J. Cohn, 110 Sutter St., San Francisco, at $8778.30 submits low bid to Bd. Pub. Wks. for fur., del. and erecting street signs. G. Weissbaum & Co. only other bidder at $9126.

SALINAS, Monterey Co., Cal.—County supervisors will sell at public auction September 4, 2 p. m., gravel pit near Soledad, acquired in June 1904 and no longer required for county use. Howard Cozzens, county surveyor.

MARYSVILLE, Yuba Co., Cal.—City council has appropriated $12,000 for the purchase of an incinerator. J. O. Wanzer, city mgr.

SACRAMENTO, Cal.—F. L. Decarie, 786 Kirby St., Portland, Ore., at $195,000 submits low bid to city commissioners to construct garbage incinerator. Decarie Incinerator Co. only bidder at $207,900. Referred to City Mgr. for report.

WATER WORKS

OAK GROVE, Ore.—Until Aug. 18, 10 a. m., bids will be rec. by Oak Lodge Water District to const. water supply system, involv. laying approx. 167,000 lin. ft. 8-in., 6-in., 4-in. and 3-in. c. i. and steel pipe, const. 40,000 gal. wooden tank, 600,000 gal. conc. reservoir, and an electric driven pumping plant. Work will also include furnishing approx. 350 service meters, 6-in. compound meter and installing 350 service connections. Alternate proposals are asked for different kinds of pipe from those specified; est. cost $200,000. Cert. check 5% payable to Treasurer of District req. Plans obtainable from H. L. Gilbert, engineer, 313 Couch Bldg., Portland, on deposit of $5, returnable.

HELM, Fresno Co., Cal.—See Call for Bids under official proposal section in this issue. Stinson Irrigation District.

MARYSVILLE, Yuba Co., Cal.—City council has appropriated $3500 to purchase new pumps and switches for city sump. J. O. Wanzer, City Manager.

MODESTO, Stanislaus Co., Cal.—See "Power Plants," this issue. Modesto Irrigation District. Bids for meters.

TURLOCK, Stanislaus Co., Cal.—Andy Thorsen at $284.90 awarded cont. by City Trustees for fur. Sterling pump for use at municipal water plant.

SEATTLE, Wash.—Until Aug. 14, 11 A. M., bids will be rec. by Wm. D. Freeman, city purchasing agent, for fur. 1,250 curb cocks, 1,100 corporation cocks and 1,100 couplings. Consideration will be given at time of award for early delivery.

CHANDLER, Ariz.—An election will be held in September to vote on a $145,000 bond issue to provide a sanitary sewer system, a light and power system and a water system.

BUENA PARK, Cal.—Orange County supervisors will call for new election on Orange county water works dist. at Buena Park, to be organized under recent $26,500 6% bond issue. There was only one bid for the bonds, which was rejected and it was decided to call a new election for a $30,000 issue at 7 per cent.

OAKLAND, Cal.—The East Bay Municipal Utility District has selected General George W. Goethals, builder of the Panama Canal; William Mulholland, builder of the Los Angeles aqueduct and Arthur P. Davis, former chief of the U. S. Reclamation Service, to develop and handle the East Bay water problem. Davis will be general manager and chief engineer. Proposals will be considered by the East Bay Municipal Utility District, Marsten Campbell, president of Board of Directors, on Sept. 27, for sale to the district of companies and properties of those now serving water to the East Bay district. The East Bay water Co., of Oakland, recently offered to sell its properties at $25,000,000.

SAN FRANCISCO—Until Sept. 5, 3 p. m., bids will be rec. by Bd. Pub. Works to install high pressure fire mains in North Point St., bet. Van Ness Ave. and Larkin St., bet. Bay and Beach Sts., est. cost $5000, funds to be derived from Fiscal Year Budget Item No. 46. Contractor is to furnish:

20x20x14-in. cast steel Class G. H. lugged on all outlets, each weighing 1704 lbs.

1 cross 10x10 cast steel Class G. H. lugged on all outlets, each weighing 753 lbs.

2 reducers, 14x10 c. i. G. H. double spigot, each weighing 774 lbs.

6 c. i. frame, cover, dust pan for 8-in. valve box, approx. weight of each 130 pounds.

Total of cast steel, 4161 lbs.; total of c. i. specials, 1508 lbs.; total of c. i. frames and covers, 780 lbs.; total 6500 lbs lead for caulking joints; 2670 lbs. bolts, nuts and washers. City will furnish balance of materials. Plans obtainable from city engineer's office, 3rd floor, City Hall.

SANTA CRUZ, Santa Cruz Co., Cal.—See "Reservoirs and Dams," this issue. Site for dam purchased.

REDWOOD CITY, San Mateo Co., Cal.—U. S. Cast Iron Pipe and Foundry Co., Monadnock Bldg., San Francisco, at $3926.01 awarded cont. by city trustees for fur. and del. 1900 ft. 6-in. and 2400 ft. 4-in. c. i. water pipe, together with fittings. National Cast Iron Water Pipe Co. only other bidder at $3973.72.

SAN DIEGO, Cal. — The city filter plant is to be improved by the installation of Collins' rate of flow indicators and with Pilot tubes, according to a recommendation to the council by the city manager. An ordinance appropriates $2775 for installation of the machinery at the Lower Otay filter plant.

SUISUN, Solano Co., Cal. — H. G. Thiele, San Francisco, at $4689.83 awarded cont. by city trustees to const. rein. conc. diversion dam and 14-in. dia. pure iron slipjoint pipe line with accessories for water supply development of town. Work consists of fur. materials and installation of approx. 12½ cu. yds. of rein. conc.; 1660 lin. ft. 14-gauge, 14-in. dia. pure iron slip joint pipe, includ. excavation and backfill. Other bids were: T. E. Clinch, Richmond, $5403.40; Martin Murphy, Oakland, $4987.50. Jesse B. Holly, engineer, 2910 Telegraph Ave., Oakland.

PLAYGROUNDS AND PARKS

SAN RAFAEL, Marin Co., Cal.—Until Aug. 20, 10 a. m., bids will be rec. by Rob. E. Graham, county clerk, to fence right-of-way of Lucas Valley Road in Rd. Dist. No. 1. Cert. check 10% payable to Chair. Bd. of Sups. req. Plans obtainable from county surv.

REDWOOD CITY, San Mateo Co., Cal. County supervisors appropriate $75,000 to purchase Petersen tract of 310 acres at Pescadero, for use as a public park.

PALO ALTO, Santa Clara Co., Cal. — City council, Frank Kasson, clerk, contemplates purchase of 12-acre site on San Francisquito creek for park purposes. J. F. Byxbee, Jr., city eng.

BERKELEY, Alameda Co., Cal.—City council, E. M. Hann, clerk contemplates purchase of site for auto camp grounds. It is probable that provision will be made for this work in the proposed park and playground bond issue to be called by council in near future. C. L. Huggins is city engineer.

SEWERS & STREET WORK

SAN FRANCISCO—C. B. Eaton, 715 Ocean Ave., San Francisco, at $21,167.54 submits only bid to Board of Pub. Wks to imp. Saturn St., bet. Ord and Lower Terrace, involv. const. of rein. conc. retaining and support walls, includ. stairways, landings and copings; 4104 cu. yds. excav; 170 cu. yds. fill; 5203 sq. ft. asph. conc. pave; 6707 sq. ft. conc. pave; 5326 sq. ft. art. stone walks; 1055 lin. ft. conc. curb; 2 br. catchbasins; 40 lin. ft. 10-in. ironstone pipe culverts; 604 lin. ft. galv. iron pipe railings.

SAN FRANCISCO—Fay Improvement Co., Phelan Bldg., San Francisco, at $28,209.65 submits low bid to Board of Public Works to imp. Ulloa St., betw. 22nd and 27th Aves.; involv. 2778 lin. ft. conc. curb; 10 br. catchbasins; 380 lin. ft. 10-in. ironstone pipe culvert; reset 2 br. catchbasins; 2642 sq. ft. art stone walks; 79,573 sq. ft. asph. conc. pavement. Municipal Construction Co., at $28,598 submitted next low bid.

SAN FRANCISCO—Municipal Const. Co., 112 Lyon St., San Francisco, at $23,442.82 submits low bid to Board of Public Works to imp. Liberty St., bet. Noe and Church and Sanchez between 20th and 21st Sts., involv. 56,897 sq. ft. conc. pave; 4670 sq. ft. asph. conc. pave; 20,556 sq. ft. art. stone walks; 3267 lin. ft. conc. curb; 47 lin. ft. granite curb, to be reset; 64 lin. ft. 6-in. side sewers; two 6-in. vit. pipe traps with 4-in. vit. pipe risers and c. i. frames and covers; 193 lin. ft. 10-in. vit pipe culverts; 5 br. catchbasins; reset 2 br. catchbasins; 960 lin. ft. 14-in. armored conc. coping; 53 lin. ft. 5-in. conc. coping. City Construction Co., at $24,285.48 submitted next low bid.

OROVILLE, Butte Co., Cal. — Until Aug. 28, 2:30 p. m., bids will be rec. by C. F. Belding, county clerk, to const. Cannery road in the vicinity of the city of Oroville. Plans obtainable from County Surveyor Harry H. Hume.

MODESTO, Stanislaus Co., Cal.—City Council, L. A. Love, Clerk, will purchase carload of 10-in. pipe for sewer line to Junior College buildings; total est. cost of sewer, $1,500. F. W. McCarton, City Eng.

MARYSVILLE, Yuba Co., Cal. — County Supervisors vote to construct 5½-mi. of additional graveled road to Bear River. Jasen R. Meek, County surv.

TURLOCK, Stanislaus Co., Cal.—City trustees approve plans to pave Thor and Washington streets. Horace Hall, City Eng.

MARYSVILLE, Yuba Co., Cal.—City council appropriates $25,000 to finance paving of street intersections and streets fronting city property. J. O. Wanzer, City Manager.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

ONTARIO, Cal.—C. D. Brown awarded contr. by city trustees at $4190 to const. sewer bet. Sultana and Euclid Aves. Other bids were: Cox & Teget, $4676.83; C. S. Traphagen, $4800; F. W. Seccomber, $5577.96. Otto S. Roen, City Engr.

COLUSA, Colusa Co., Cal.—Until Aug. 27, 8 P. M., bids will be rec. by B. L. McCue, town clerk, to lay sewer pipe according to spec. on file in office of clerk. Cert. check 10% payable to Pres. Bd. of Trustees, req.

PACIFIC GROVE, Monterey Co., Cal. Until Aug. 20, 8 P. M., bids will be rec. by E. S. Johnston, City Clerk, to imp. Forest Ave., bet. Lighthouse Ave. and Sinex Ave.; grade: Pave with 3-in. asph. conc. base and 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; corrugated iron culverts. 1911 Act and Bond Act 1915 Cert. check 10% payable to city req: H. D. Severance, City Eng.

OAKLAND, Cal.—City council, E. K. Sturgis, Clerk declares inten. to imp. portions of 15th St.: Grade; const. conc. curbs and gutters; pave with 2-in. Warrenite-Bit. surface on 6-in. Port. cem. conc. base; 10 and 8-in. vit. sewers; 3 br. manholes with c. l. tops; vit. pipe lamphole; vit. pipe wye branches, 4 br. catchbasins; four 10-in. vit. pipe conduits. 1911 Act. protests Aug. 30. H. H. Harmon, City Eng.

NAPA, Napa Co., Cal.—City council, H. H. Thompson, clerk, declares inten. to imp. Vallejo St., bet. Main and Yajome; Grade ;const. conc. curb; pave with 2-course asph. macadam, 40-ft. wide. 1911 Act. Protests Aug. 27. H. A. Harrold, city eng.

PASADENA, Cal.—Paul H. Ehlers, 1959 N Raymond Ave, Pasadena, awarded cont. at $44,900 by City Dir. to const steel and reinf. conc. storm drain sewer along portions of Broadway and Walnut St. The drain will be about ½ mi. long, 3x6 ft., of reinf. conc. conduit. Other bids were: C. H. Johnson, $48,888; Cox & Teget, $49,625; E. A. Irish, $51,730; Clarence P. Day, $51,978; Gibbons & Reed $52,469; H. D. Churchill & Co. & Co., $58,067.25; M. Simunovich, $61,458; de Waard & Cobham, $62,000; R. N. Nikcevich, $64,300; W. A. McNally, $70,515.

MONTEREY, Monterey Co., Cal.—Sidney Ruthven, Monterey, at $12,785.47 awarded cont. by council to imp. Munras Ave., from Block 114 to west city limits: Grade; pave 24 ft. wide with 2-in. asph. conc. surface on 5½ in. macadam base; 2 ½5-ft. in. corru. culverts with conc. copings.

MONTEREY, Monterey Co, Cal.—Sidney Ruthven, Monterey, at approx. $63,000 awarded cont. by council to imp. portions of Pacific & Eldorado Sts.; grade; pave with 3½-in. asph. conc. surface; concrete, curb; gravel walks; 6-in. vit. sewer with 15 wye branches; 7 catchbasins with 10-in. culvert connections to existing storm sewers; rein conc. retaining wall.

MARYSVILLE, Yuba Co., Cal.—Until Sept. 5, 10 a. m., bids will be rec. by W. M. Streff, county clerk, to construct Bullards Bar road, involv. grading, road extending from state highway on Jaynes ranch to intersection of same with road recently constructed by the Yuba Development Company at a point east of Bullards' Bar dam; approx. 5-mi. long. Gravel or crushed rock base. Jason R. Meek, county surveyor.

BERKELEY, Alameda Co., Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, at $10,415 awarded contract to set back curb line 13 ft. in n. line of Center St., bet. Grove and Shattuck Ave.; const. comb. armored conc. curb and gutter; pave space bet. old pave and new gutter with asph. conc. and surface of n 10 ft. of old pavement to be heated and raised to conform to new pavement; const. conc. catchbasins with 12-ft. vit. sewer connections.

MARTINEZ, Contra Costa Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by J. H. Weeks, county clerk, to grade and macadamize road beg. at south town limits of Martinez, nr. the Alhambra Cemetery and running east 780 ft. Cert. check 10% payable to clerk req. R. R. Arnold, county surv.

WOODLAND, Yolo Co., Cal.—County Surveyor Asa G. Proctor instructed to prepare plans for county highway system through the Town of Davis.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declare inten. to imp. 9th St., bet. Alice and Fallon Sts: grade, const. conc. curb and gutter; pave with asph. conc.; reset granite cu bs. 1911 Act. Protests Aug. 23. H. H. Harmon, city eng.

WOODLAND, Yolo Co., Cal. — City trustees plan to purchase site for auto park. Following purchase property will be graded and fenced.

HANFORD, Kings Co., Cal.—City trustees, D. C. Williams, Clerk, declare inten. to imp. 8th St., bet. Phillips and Santa Fe Ave., and Santa Fe Ave. bet. 7th and Park Sts., grade; pave with 4-in. bituminous base with 1½-in. Warrenite-Bit. surface; const. cem. curb and gutter; 1911 Act and Bond Act 1915. Protests Aug. 27. Ben Duffield, City Eng.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., awarded contr. by Bd. Pub. Wks. at $59,889 for imp. Windsor Blvd., bet. Rosewood Ave. and Beverly Blvd., involv. grading at $6300 (lump sum); 154,559 sq. ft. Warrenite-bitum. paving 31.7c ft.; 6 ft. curb $1 ft.; 100 sq. ft. walk 25c ft.; 9283 sq. ft. Warrenite-bitul. paving 31.7 ft.; 6 ft. Engrs. est., $54,950.51. Other bids were: Geo. R. Curtis, $61,070.38; Warren Constr. Co., $61,238.33.

AUBURN, Placer Co., Cal.—Bids will be asked at once by A. S. Fleming, County Clerk, to pave streets fronting the courthouse. Bids will be opened at the September session of the county supervisors.

DAILY
PACIFIC BUILDER

The only daily newspaper in the West whose columns are devoted exclusively to Building News. Covers San Francisco and Bay Counties. $1.25 per month, payable in advance. Send for sample copy.

818 MISSION STREET SAN FRANCISCO, CAL.

POMONA, Cal.—Fleming Constr. Co., 105 N. Park Ave., Pomona, awarded contr. by city trustees to imp. Kingsley Ave., bet. San Antonio Ave. and Palomares St., involv. grading and paving with 5-in. oil and rock macad. 14c sq. ft. 8-in. vit. sewer complete, $2 25 lin. fgt. Thomas Crawford submitted lump sum bid at $20,840.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded cont. by Bd. Pub. Wks. at $22,963.89 for imp. Oakwood Ave., bet. Normandie and Western Aves., involv. grading at $3900 (lump sum); 9879 sq. ft. cem. conc. paving 22c ft.; 87,257 sq. ft. bitum. base paving 15.5c ft.; 1729 sq. ft. oil and roll 10c ft.; 1243 ft. curb 70c ft.; 4979 sq. ft. walk 21c ft.; 4561 sq. ft. gutter 28c ft. Engr's est. $24,056.39.

STOCKTON, San Joaquin Co., Cal.—Clark and Henery Construction Co., 38 South Sutter St., Stockton, awarded contract by council to imp. portions of Acacia, Yale, Columbia, Poplar and Pershing Aves. and portion of Flora St by grade; const. comb. conc. curb and gutter; conc. walks; pave with 3-in. crushed rock base on 2-in. asph. conc. surface; portions of Picardy St. by const. conc. sidewalks.

PACIFIC GROVE, Monterey Co., Cal.—Until Aug. 20, 8 P. M., bids will be rec. by E. S Johnston, City Clerk, to imp. Lighthouse Ave., bet. 19th St. and city limits: Grade; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; 15 corru. iron culverts; 14 catchbasins; 18 in. vit. pipe storm sewer; 5 sidewalk crossing. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. H. D. Severance, City Eng.

PHOENIX, Ariz. — Cashion-Caldwell Constr. Co. awarded cont. by state highway comm. $61,950 to const. Federal aid project No. 64-A, on the Phoenix-Yuma highway, involv. 39,511 cu. yds. excav. roadway, unclass. at 24c yd; 17,896 cu. yds. excav. borrow, unclass. at 21c yd; 1390 cu. yds. excav. structures, unclass., at 70c yd; 19,996 cu. yds. excav. ditches and ch. chgs., unclass. at 24c yd; 553 cu. yds. dykes at 21c yd; 3788 cu. yds. overhaul at 4c yd; 23,250 cu. yds. gravel surfacing at 42c yd.; 1,395,000 sta. yds. surfacing overhaul at 1¼c yd; 492 cu. yds. class A conc., state furnishes cem., at $20 yd.; 71 cu. yds. class B conc., state furnishes cem., $20 yd.; 416 cu. yds. classC conc state furnishes cem., at $15 yd; 187 cu. yds. riprap at $2.50 yd; 2 each cattle guards compl., state furnishes rails at $225 each; 218 lin. ft. 24-in. C. M. pipe at 65c ft.; 108 lin. ft. C. M. pipe at 75c ft.; 32 lin. ft. 36-in. C. M. pipe at 85c ft.; 31,560 lbs. reinf. steel at 4c pound.

LONG BEACH, Cal.—H. D. Churchill & Co., 350 Merrick St., Los Angeles, submitted low bid to council at $88,820 ($27,852 for ejector plant and $60,968 for sewer system) to const. sewer system in Dist. No. 1, State, Chestnut, 19th and about 20 other streets and alleys involv. 293.84 ft. 12-in. C. I. pipe; 1827 ft. 12-in. cem. pipe; 2255 ft. 10-in. cem. pipe; 31,952.79 ft. 8-in. cem. pipe; 1411 6x8 Y branches; 99 6x10 Y branches; 82 6x12 Y branches; 90 lin. ft. 6-in. cem. pipe chimney; 91 type A. 9 type B. 1 type C manholes; 29 lampholes; 3 flush tanks. Other bids were: J. C. Hickey and W. R. Harmon, $165,000; Adam Dalmatin, $167,200; Leo Miletich, $175,056; M. N. Budincich, $178,200.

CARSON CITY, Nevada—Until Aug. 29, 3:30 p. m., bids will be rec. by State Highway Commission, Geo. W. Borden, ch. eng., to const. 7.16 miles highway in Elko county, bet. West county line and Vivian. Project involv. 34,000 cu. yds. unclass. excav.; 7.16 mi. prepare subgrade and shoulders; 7650 cu. yds. load and screen gravel; 17,000 yd. mi. haul gravel; 7650 cu. yds. spread gravel; 265 cu. yds. class A and 55 cu. yds. class B conc.; 344 lin. ft. 15-in., 818 lin. ft. 18-in., and 118 lin. ft. 24-in. corrugated metal pipe, complete in place; 1072 lin. ft. wooden guard rail, complete in place; 58 monuments; 1 sign post. These quantities are subject to revision due to a line change to be made through the City of Carlin (from Station 170-00 to Station 270-00 approximately). **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, Clerk, declares inten. to imp. Locust St., bet. Balbach and Grant Sts.: Grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curb and gutter; 2 br. catchbasins with c. i. tops, gratings and frames; 8-in. vit. pipe drains. 1911 Act and 1915 Bond Act. Protests Aug. 27. Wm. Popp, City Eng.

SAN MATEO CO., Cal. — Following bids rec. by State Highway Comm., Forum Bldg., Sacramento, to pave with Port. cem. conc. shoulders and asph. conc. wearing surface 3.4 mi. in San Mateo county, bet. San Bruno and San Bruno and San Mateo, the project involving 500 cu. yds. struc. excav. without classification; 2700 tons gravel or stone in subbase course; 8100 cu. yds. class A Port. cem. conc. (shoulders, curbs, and replairs to existing base); 500 cu. yds. removal of broken conc. in existing base; 7000 tons asphaltic mixture (pavement); 450 cu. yds. class A Port. cem. conc. (culverts).

Pacific States Constr. Co., Call Bldg., S. F.	$207,782
Blanco & Taylor, Vallejo	209,285
Galbraith & Janes, Richmond	215,160
Smith Bros., Inc. & W. E. Callahan, Constr Co., L. A.	220,989
Kaiser Paving Co., Oakland	250,750
Engineer's estimate	206,980

MARYSVILLE, Yuba Co., Cal.—County supervisors vote to construct 7-mi. permanent highway through the Arboga district and to the Plumas Lake section. Jason R. Meek, county surveyor.

EUREKA, Humboldt Co., Cal.—County Surveyor A. J. Logan instructed to prepare plans for road improvements in district, yet to be formed, south from the Miranda Cable bridge. Plans also ordered prepared for road from Domingo hill to Capetown to connect with county road.

MARYSVILLE, Yuba Co., Cal.—County supervisors will levy direct tax for $200,000 to finance construction of bridges and roads. A preliminary outline of the improvements contemplated include:

Paved highway from where Hammonton road intersects with state highway, to Arboga, thence to Rio Oso by way of Plumas Lake, to Bear river where Yuba county will pay half the costs of a bridge 1200 ft. long.

Gravel old Simpson lane ft. of 12th St. to Yuba river where bridge will be erected across the river to connect with section of the county now undergoing extensive development.

Road east of Bullards Bar dam for which provision for $15,000 has been made.

Jason R. Meek, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. following streets:

Palm St., bet. Grant and Willow Sts.: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bitulithic cem. bituminous conc. base; conc. curbs and gutters; art. stone walks; 10 br. catchbasins; 8-in. vit. pipe drains.

Martha St., bet. 5th and 7th Sts.; grade; 1½-in. Warrenite-Bitulithic surface on 3-in. Bitulithic cem. bituminous conc. base; conc. curbs and gutters; art. stone walks.

St. John St., bet. 14th and 15th Sts.: grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bitulithic cem. bituminous conc. base; conc. curb and gutter.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of Herzog St., involv. grade, $.05; conc. curb, $.75; conc. gutter, $.285; oil macadam pave, $.12.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, declares inten. to imp. 90th Ave., bet. E-14th and D Sts., involv, grade; const. conc. curb and gutter; pave with bituminous conc.; const. 10-in. wooden culvert; four wooden wingwalls at culvert ends; corru. iron and conc. culvert with 2 c. i. handholes; wooden culvert, 6x20-in.; 2 storm water inlets with c. i. tops; 12-in. and 14-in. vit. pipe conduit. 1911 Act. Protests Sept. 6. W. W. Harmon, City Eng.

OAKLAND, Cal. —Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp portions of E-15th St. involv. grade, $.03; conc. curb, $.70; conc. gutter, $.25; oil macadam pave, $.11; conc. culvert, without reinforcement, $.70 cu. ft.; rein. conc top slab of culvert, $.90 cu. ft. retaining wall, $.70 cu. ft.; conc. inlet with c. i. grating, $45; 10-in. pipe conduit, $1.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. Maine St., bet. Laurel and 35th Aves, involv. excavation, $.65 cu. yd; conc. curb, $.70; conc. gutter, $.25; oil macadam pave, $.105; cem. walks, $.15; 6x7 ft. conc. culvert $15.50; conc. intake and curtain wall, $.65; conc. inlet with c. i. top, $80; 8-in. pipe sewer, $1.20; lampholes, $8; wye branch, $.40.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg, Oakland, awarded cont. by council to imp. Georgia St., bet. Peralta and Maple Aves., involv. excavation, $.55 cu. yd.; conc. curb, $.70; conc. gutter, $.25; oil macadam pave., $.105; cem. walks, $.16; 2-ft 6-in. x 2- ft. 6-in. conc. culvert, $5; conc. inlet with c. i. top $50; conc. end and curtain wall, $.50.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 4, 11 A. M., bids will be rec. by Eugene D. Graham, County Clerk, to imp Lower Sacramento Rd. in Rd. Dist. No. 1, from north end of 24-ft. pavement approach to Calaveras bridge and extending north 7350 ft. to culvert over canal along north boundary of Weber Grant. Cert. check 10% payable to Chairman of Bd. of Supervisors req. Plans obtainable from County Surv. F. E. Quail.

REDDING, Shasta Co., Cal.—Warren Constr. Co., Bacon Bldg., Oakland, awarded cont. by city trustees to imp. portions of Market and North Market Sts., involv. 5-in. asph. conc. pave, $.24; grade and prepare subgrade, $.03; grade at sides of pavement, $.02; conc. walks, $.215; conc. gutters, $.315; 15-in. conc curb, $.65; conc. catchbasins $14.25; c. i. grates, 22x34-in., $26; 18x18-in. c. i. covers, $12; 18x13-in. corru. part circle culvert, $4.50; 10-in vit. pipe, $1.31; 18-in. corru. pipe, $3.50; 8-in. corru. pipe, $1.75.

MARTINEZ, Contra Costa Co., Cal.—Until Sept. 7, 8 P. M. bids will be rec. by Walter F. Williams, Sect'y., Mountain View Sanitary District, to constr. septic tank and main outfall sanitary sewer and main sewer with branches and appurtanances. Cert. check 10% payable to Sect'y. req. Plans obtainable from Engineer Ross L. Calfee, 221 South 22nd St., Richmond.

NAPA, Napa Co., Cal.—Until Sept. 4, 10 A. M., bids will be rec. by Jas. A. Daly, County Clerk, for fur. spreading on Coombsville road 2000 cu. yds. crushed rock. Cert. check 10% payable to Chair. Bd. of Sups. req. Further information obtainable from clerk.

STOCKTON, San Joaquin Co., Cal.—County Surveyor F. E. Quail completing plans for oil macadam pavement on Harbey Lane for a distance of approx. 2½ miles and for an oil macadam pavement on 2¼ miles of the Terminous road from Lower Sacramento Rd. to Telegraph Rd.

OAKLAND, Cal.—M. P. Cambar and John Garden, 969 3rd St., Oakland, awarded cont. by council to const. vit. sewers in portions of Jackson St., involv. 12-in., $1.35; 14-in., $2.90; 18-in. $3.50; 21-in. $4.10; 30-in. conc. sewer, $6.20; 10-in. vit. pipe conduit. $1.30; br. manholes, $95; and conc manhole, $85; br. catchbasins, $82.50; vit. pipe drop connections. $12; vit. wye branch, $2; vit. pipe slant, $1; remove existing sewer, $.05 lin. ft.; deepen manholes, $40; remove manholes, $10.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. 22nd Ave, bet. E-28th and E-32nd Sts., involv.: Grade, $.03; conc. curb, $.70; conc. gutter, $.25; oil macadam pave, $.105; cem. walks, $.16; 8x24-in. corru. iron and conc. culvert, $3.90; 10-in vit. pipe conduit. $1.40; handhole, $10; manhole, $45; catchbasins, $40.

PRESCOTT, Ariz.—Henry Galbraith, Jerome, was awarded cont. by Yavapai County highway comm. at $204,000 for const. Sec. D of the Camp Verde-Fossil Creek highway, approx. 10.62 mi., involv 16,262 cu. yds. common excav.; 29,158 cu. yds. loose rock excav.; 46,751 cu. yds. solid rock excav.; 13,728 cu. yds. borrow (common); 18,170 cu. yds. loose rock borrow; 20,730 st. yds. overhaul; 1346 lin. ft. 18-in.; 834 lin. ft 24-in.; 324 lin. ft. 30-in.; 276 lin. ft. 36-in.; and 730 lin. ft. 48-in. C. M. pipe complete in place; 507 cu. yds. rubble concr. headwalls; 697 cu. yds. Class A conc.; 38 900 lbs. reinf. steel in place; 66 cu. yds. Class B conc.; 1715 cu. yds. earth ditching; 1499 cu. yds. loose rock ditching; 531 cu. yds. solid rock ditching; 290 cu. yds. ballast for fords; 10,420 cu. yds. surfacing, load and spread; 5280 ml. yds. surfacing haul; 600 cu. yds. channel changes (unclass.); 5000 lin. ft. grader ditch; 36 acres light clearing and grubbing; 908 cu. yds. unclass excav. for structures; 5435 cu. yds. dry rubble retaining walls.

SANTA MONICA, Cal.—Kneen Constr. Co., Santa Monica, awarded contr. by council at $7537 to pave Berkeley St., bet. Santa Monica Blvd. and Utah Ave.

PHOENIX, Ariz.—Until 2 P. M., Aug. 24, bids will be rec. by F. R. Goodman, state engr., to const. St. Johns-Springerville Highway Federal Aid Project No 68-A, involv. 700 cu. yds excav.; 27,000 cu. yds. borrow; 13 000 cu. yds. gravel surfacing; 200 cu. yds. structural conc. ert. check 5%. Deposit of $5 for plans.

SANTA PAULA, Cal.—The $90,000 sewer system septic tank bonds carried at the recent election.

SANTA BARBARA, Cal.—A. L. Pendola awarded cont. by council at $11,542 to const. sewer in Anapamu St., bet. Chino and Andreas Sts.

LONG BEACH, Cal.—City council rejects bids to const. sewer system in sewer pump dist. No. 1. The public service dept has been ordered to readvertise for bids.

SANTA BARBARA, Cal.—Council declares inten. to imp. under 1911 Act, Cliff Dr. and portions of Santa Cruz Blvd., San Miguel Ave., Santa Rosa Ave. and Bluff Dr.: Grade and pave with 1½-in asph. conc. on 4-in. cem. conc. base; const. comb. conc. curb and 3-ft. gutter; conc. driveways; 6-in. vit. pipe san. sewers; 4-in. hse. connections; C. I. water pipe mains; cem. conc. end-wall; lighting system. Geo. D Morrison, City Engr.

PASADENA, Cal.—Until 10 A. M., Aug. 22, bids will be rec. by city directors to imp:

Arbor St., bet. Orange Grove and Grand Aves., grade; const cem. curb, gutters, walks.

Allen Ave., bet. Colorado St and S city limits; grade and pave with 6-in. macad.; const. curb, gutter and culverts

Catalina Ave., bet. East Orange Grove Ave. and Villa St., const. cement walk.

Bessie Chamberlain, City Clerk. W. C. Earle, City Engr.

BURBANK, Cal.—Geo. A. Simpson awarded contr. by city trustees for imp. Verdugo Ave., bet. San Fernando Blvd. and Olive Ave., 50c cu yd. grading; 22c sq .ft. 6-in. cem. concr. paving; 50c ft. curb; 22c sq. ft. gutter; $800 culvert.

Simpson also awarded cont. to pave Providencia Ave., bet. San Fernando Blvd. and Crescent Ave., involv. grading, 60c cu yd.; 3-in. macad., 10.25c sq. ft.; curb, 50c ft.; walk, 17c sq .ft.; gutter, 10.25c sq. ft.

SANTA ANA, Cal.—Until 7 P. M., Aug. 27, bids will be rec. by city trustees to imp. Fairview Ave, bet. S. Main and S. Flower Sts., involv. 112 747 sq. ft. grade and pave with 6-in. asph. conc.; 3170 ft. curb; 35 4-in. hse. connections, involv. 735 ft. pipe; 1915 bond imp. act. W. G Knox, City Engr. E. L. Vegely, City Clerk.

SAN LUIS OBISPO, Cal — City council plans to pave 100,044 sq. ft. of Osos St., at cost of approximately $30,000.

BERKELEY, Alameda Co., Cal.—City council, E. M. Hann, City Clerk, declares inten. to const. 8-in. vit. sewer in San Pablo Ave. from existing sewer in Virginia St. 565 ft. southerly; 2 br. manholes with c. i. curb and cover. 1911 Act. Protests Aug. 21. C. L. Higgins, City Eng.

VENTURA, Cal.—No bids rec. by supervisors Aug. 8, to pave Briggs Rd., in the Fourth Rd. Dist., bet. Telegraph Rd. to Foothill Rd., involv. 6000 lin. ft. shaping and rolling; 96,000 sq. ft. asph. macad. paving. The work will be done by the supervisor for that dist. by force account.

SONOMA COUNTY, Calif.—Following bids rec. by State Highway Comm., Forum Bldg., Sacramento, to grade and surface with gravel 11.5 mi. bet. Beltane and Schellville, the project involv. 46,000 cu. yds. embankment without classification; 91,000 sta. yds. overhaul; 2000 cu. yds. struc. excav. without classification; 3500 cu. yds. gravel in subbase; 1525 cu. yds. class A Port. cem. conc. (culverts and monuments); 60 cu. yds. rubble masonry; 1503 lin. ft. 18-in. and 254 lin. ft. 24-in. corru. metal pipe, (Commission will fur. corrugated pipe):

Wilson D. Ellis & Co., 766 Euclid
Berkeley $238,888
Englehart Paving & Constr Co.,
Vallejo 253,639
Henry J. Kaiser, Oakland..... 299,975
Engineer's estimate 199,837

SAN RAFAEL, Marin Co., Cal.—City council, Eugene W. Smith, Clerk, declares inten. to imp. 6th St., bet. B and C, and bet. H St. and pt. 619.2 ft. east involv. grading and paving with 2-in. asph. conc. surface; 1753 lin. ft. conc. curb; 66 ft. 6-in. vit. pipe sewer; 30 ft. 4-in. vit. sewer; 3 corru. iron and conc. culverts; 185 ft. 10-in. vit. pipe storm drain; 2 conc. catchbasins; one 6-in. lamphole; 248 lin. ft. conc. retaining wall. 1911 and 1915 Bond Act. Protests Aug. 27.

PASADENA, Cal.—Frank Lowry, P. O. Box 107, Hollywood, awarded cont. by city dir to imp. Clay St., bet. Vernon and Pasadena Aves., involv. paving 10c sq. ft.; walk 18c sq. ft; grading $1.40 lin. ft.; curb 55c; gutter 22c sq. ft.; 2 culverts at $550.

Clarence P. Day, 226 Boston Bldg., Pasadena, awarded cont. to imp. Dearborn St., bet. Summit and Marengo Aves., involv. paving 10c sq. ft.; walk 17c sq. ft.; grading $2.54 lin. ft.; curb 50c ft.; gutters 24c sq. ft.

LONG BEACH, Cal.—City Mgr. C. H. Windham, authorized by council to call bids to const. outfall sewer in Broadway bet. Alamitos Ave. to Golden Gate Ave. Plans and spec. have been approved. Cost about $54,000.

PASADENA, Cal. — H. R. Erdman & Co., Alhambra, submitted only bid to City Dir. to imp. Scott Pl. bet. Arroyo Secco Ter. and Lester Ave., involv. sewer complete at $750; 2-in. oil macad. 11c sq. ft.; grading; $1 lin. ft.; curb 55c ft.; gutter 29c sq. ft.

Ducey & Breitenstein, 151 S. Hill Ave Pasadena, low bidder at 17¾c sq. ft. grade and pave with 5-in. macad. Pasadena Ave., bet. Bellefontaine and Columbia Sts. Other bids were: Clarence P. Day, 17.89c; A. J. McGarry, 19.4c; J. E. Haddock, 19.5c.

BURBANK, Cal.—Frank Lowry, P. O. Box 107, Hollywood, Los Angeles, awarded contr. by city trustees to imp. Providencia Ave., bet. 10th and Sunset Cnayon Dr., 35c cu. yd. grading; 10c. sq. ft. oil macad.; 50c ft. curb; 17c sq. ft. walk; 10c sq. ft. gutter. Geo. A. Simpson bid 60c grading; 10.5c paving; 50c curb; 17c walk; 10.5c gutter.

Geo. A. Simpson awarded cont. to imp. Angeleno Ave., Tujunga Ave. and Verdugo Ave., bet. 10th St. and Sunset Canyon Dr., 60c cu. yd. grading; 10.5c paving; 50c curb; 17c walk; 10.5c sq. ft. gutter; 1050 culverts.

CALISTOGA, Napa Co., Cal.—J. F. Knapp, Turlock, at $136,028.90 awarded cont. by town trustees to pave various streets with conc. Other bids: Galbraith and Janes, $143,315.60; Kaiser Paving Co., $152,715.62; Cushing and Hannah, $147,860.33; General Construction Co., $152,559.35; Knapp's unit bid follows: grade, $.03 sq. ft.; Port. cem. conc. pave. $.21¾ sq. ft.; conc. curb,$.50lin. ft.; 8-in. corru. iron culvert, $1.50 lin. ft.; 21-in. condult $2 lin. ft.; 10-in. conduit, $1.75 lin. ft.; 8-in. conduit. $1.50 lin. ft.; 6-in. lateral sewer, $1.20 lin. ft; 6-in. sewer connections, $1.20 lin. ft.; 4-in. sewer connections, $.90 lin. ft.; 34-in. inlet, $60; 21-in. inlet, $45; 18-in. inlet, $35; 8x8-in. wye branch, $3.50 ea; 12x10-in. wye, $4.50 ea; 12x12-in. wye $4.50 each.

SAN RAFAEL, Marin Co., Cal.—J. P. Holland, 540 Brannan St., San Francisco at $10,950 awarded cont. by county supervisors to imp. Fairfax Grade bet. Fairfax and Bon Tempe flats. Other bids: S. P. Brownlee, $12,368; — Whyle, $11,099.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 **San Francisco**

RED BLUFF, Tehama Co., Cal.—Until Aug. 20, bids will be rec. by city trustees for the pu.chase of the $24,000 bond issue; voted to finance construction of extensions to city sewer system.

SAN DIEGO, Cal.—Until 10:30 A. M., Aug. 28, bids will be rec. by supervisors for the following paving contr. Job No. 1, Rte. 1, Mission Road 1-A, Bernardo to the southerly city limits of Escondido 3.04 miles. Job No. 2, Nutmeg St. from the S city limits of Escondido to the S line of Grand Ave. and Lime St., from the northerly line of Grand Ave. to the northerly city limits of Escondido, 1.64 mi. Job No. 3, Rte. No. 2, Mission Road 1-B and portion of Rte. No. 3, Mission Road 1-C from Buena to Bonsall, 8.89 mi. Job, No. 4, portion of Rte. No. 3, Mission Road 1-C, Fallbrook to San Diego-Riverside County Line, 8.55 mi., all being a part of the county highway system known as the inland route. Reference is made to Willite mixture license and to Warren Bros. Co. license mixture agreement. Cert. chk. or bond 5%. J. B. McLees, Clerk.

SAN BERNARDINO, Cal.—F. W. Seccombe awarded contr. by council to sewer Rialto and Allen Sts. at 56c ft. 4-in. pipe; 84c ft. 8-in. pipe; $70 manholes; $110 flushtanks; also for sewer in 6th St., bet. A and B Sts., at 40c ft. 4-in. pipe; 73c ft. 8-in. pipe; $110 flush tanks.

LOS ANGELES, Cal.—Council declares inten. to imp. Ruthelen St., bet. 36th Pl. and 37th Pl.; and portions of St. Andrews Pl., and other streets; grade and pave with 5-in. cem. conc.; const. light cem. curb; 5-ft. walks; No. 24 catchbasin; 8-in. cem. pipe san. sewer, manholes; Vrooman act.

YREKA, Siskiyou Co., Cal. — Yreka Contracting Co., Yreka, at $47,500 awarded cont. by county supervisors to const. portion of Forest Mountain Road No. 169, involv. 36,000 cu. yds. excavation; 61 cu. yds. conc. (culverts); 21 cu. yds. conc. culverts (end walls and drop inlets); 158 lin. ft. 12-in., 28 lin. ft. 15-in., 22 lin. ft. 18-in. and 104 lin. ft. 24-in. corru. iron pipe; 600 lin. ft. guard fence.

VENICE, Cal.—Southern Constr. Co., 511 Kerckhoff Bldg., Los Angeles, awarded contr. by city trustees at $41,-941 to pave streets in tract 3533, South Beach.

BERKELEY, Alameda Co., Cal. — Until Aug. 24, 8 p. m., bids will be rec. by E. M. Hann, city clerk, to const. 6-in. vit. sewers in Mathews St., from manhole in Blake St., north 210 ft. and const. of 8-in. lamphole at terminus of sewer. 1911 Act. Cert. check 10% payable to city req. C. L. Huggins, city engineer.

VISALIA, Tulare Co, Cal.—City council, Ida Markham, clerk, declares inten to imp. W-Center St., bet. N-Encina and Hall Aves.; N-Giddings Ave., bet. W-Center and W-Main; Hall Ave. bet. W-Center and W-Main, involv. grading and paving with 4-in. asph. conc. base with 1½-in. Warrenite-Bitulithic surface; hyd. cem. conc. curbs and gutters; corru. iron culverts; hyd. cem. conc. catchbasins; alley approach pavement to be 5-in. cem. conc. storm sewers. 1911 Act and Bond Act 1915. Protests Aug. 27. L. H. Gadsby, city eng.

SAN JOSE, Santa Clara Co., Cal.—City council, John J. Lynch, clerk, declares inten. to imp. 24th St., bet. San Antonio and William St.: grade; pave with 1½-in. Durite asph. conc. surface with 3-in. Durite asph. conc. base; hyd. cem. conc. curb, gutter and walks; hyd. cem. conc. culverts; 1 br. manhole; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and 1915 Bond Act. Protests Aug. 27. Wm. Popp, city eng.

SAN ANSELMO, Marin Co., Cal.—S. P. Brownlee, San Rafael, at $2827 awarded cont. by town trustees to widen San Anselmo Ave., bet. Magnolia and Tamalpais Ave., involv. grading and paving of approx. 4130 sq. ft.; const. 225 ft. conc. curb; 1940 sq. ft. conc. walk; 1 catchbasin with 30 ft. corru. iron pipe outlet. A. J. Raisch, 46 Kearny St., San Francisco, bid $3257.90. J. J. Jessup, town engineer.

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

MARTINEZ, Contra Costa Co., Cal.—County Supervisors, J. H. Wells, Clerk, declare inten. to imp. portions of Emeric Blvd., Pine, Bush and Sutter Sts., etc., in Road Improvement District No. 1, involv. grading; pave with 3-in. asph. conc. base and 1½-in. asph. conc. wearing surface; corru. iron culverts; pine headers. Work under Rd. Dist. Imp. Act 1907. Bids will be asked for this work early in September. Ross L. Calfee, engineer, 221 South 22nd St., Richmond.

LOS ANGELES, Cal.—Smith Bros., Inc. and W. E. Callahan Constr. Co., Dallas, Texas (Los Angeles address, 419 Detwiler Bldg.) awarded cont. by Bd. Pb. Wks. at $214,445 to const. Sec. 10 of the North Outfall sewer. The bid was as follows: (1) 1440 lin. ft. sewer, 6-ft. sewer; (c) pre-cast pipe constr., $32,303.60; (2) 6127 lin. ft. 8-ft. 6-in. sewer, (c) pre-cast pipe const., $176,539.57; (3) 37.4 lin. ft. special structure, $4100; (4) 10 lin. ft. special structure, $1500.

GLENDALE, Cal.—W. J. Curren, Box 159 Glendale, awarded contr. by council at $36,319 for imp. Windsor, Garfield, Acacia, Porter and Fisher Sts., involv. 5335 lin. ft. grading 80c ft.; 8365 ft. curb 50c ft.; 7473 sq. ft. 5-in. conc. gutter 22c ft.; 156,320 sq. ft. 3-in. oiled macad. pavement 10c ft.; 4126 ft. 6-in. and 952 ft. 4-in. c. i. pipe at $10,593. Other bids were: E. L. Fleming, $36,418.55; G. A. Constantine, $36,526.97; Peter L. Ferry, $37,026.95.

FRESNO, Fresno Co., Cal.—Thompson Bros., G. and Divisadero Sts., Fresno, submitted low bid to city commission at $30,672 for paving Carmen Ave. and Lucerne Lane, involv. 86,150 sq. ft. grading at 5.3c ft.; 78,187 sq. ft. 1½-in. Warrenite paving on 3½-in. asph. conc. base at 21.9c ft.; 2935 ft. curb at 65c ft.; 7989 sq. ft. conc. gutter at 35c ft.; 12,245 sq. ft. walk at 23c ft.; 219 ft. 12-in. culvert at $5.70 ft.; 4 manholes at $25 ea.; 120 ft. 4-in. sewer at 90c ft.

OAKLAND, Cal.—Until Aug. 30, 11 a. m., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. 9th St., bet. Jefferson and Market Sts.: const. conc. curb and gutter; pave with 2-in. Warrenite-Bitulithic wearing surface laid on existing macadam pavement redressed with rock and screenings; two 8-in. vit. pipe sewers; 2 vit. pipe lampholes; wye branches. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

LIVINGSTON, Merced Co., Cal.—A. E. Cowell, Merced engineer, has been appointed city engineer of Livingston. City trustees plan construction of sewer and water system.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno at approx. $30,500 awarded contract by council to imp. Carmen Ave., bet. Lucerne Lane and Moroa, and Lucerne Lane bet. Pine and McKinley Aves., involving 86,150 sq. ft. grading at 5.3c ft; 78,187 sq. ft. 1½ in. Warrenite paving on 3½-in. asph. conc. base at 21.9c ft; 2935 ft. curb at 65c ft.; 7989 sq. ft. conc gutter at 35c ft.; 12,245 sq. ft. walk at 23c ft.; 219 ft. 12-in. culvert at $5.70 ft.; 4 manholes at $25 ea.; 120 ft. 4-in. sewer at 90c ft.

SAN DIEGO, Calif.—See "Government Work and Supplies," this issue. Roads and walks awards.

OAKLAND, Cal.—Until Aug. 30, 11 a. m., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Madison St.: grade; const. conc. curb and gutter; pave with asph. conc.; 10-in. vit. pipe sewer with wyes; 2 br. manholes and 4 br. catchbasins with c. i. tops; four 10-in. vit. pipe conduits. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

FRESNO, Fresno Co., Cal.—Until Aug 23, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. McKinley Ave., bet. Palm Ave. and Block 4, North Park Terrace, involv. grading; const. conc. curb, gutter and walks; corru. metal culverts with culvert manholes; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bitulithic wearing surface. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

SAN FRANCISCO—L. J. Cohn, 110 Sutter St., San Francisco, at $7620 submits low bid to Board of Public Works to construct Tonquin street sewer, involv. 285 lin. ft. 2x3-ft. rein. conc. sewer and 1200 lin. ft. piles, below cut-off. Healy-Tibbetts Const. Co., only other bidder at $7826.25.

RICHMOND, Contra Costa Co., Cal.—Until Aug. 27, 8 p. m., bids will be rec. by A. C. Faris, city clerk, to imp. Maine Ave., bet. 23rd St., and S. P. right-of-way, involv.: grading; pave with Richmond stand. macadam; const. cem. conc curbs with bars of galv. steel; cem. conc. gutters, sidewalks, wingwalls & cem. conc. and corru. iron or steel culverts; 27th St., bet. Maine and Cerritos Addition, involv. grading; pave Richmond stand. macadam; conc. curbs and gutters; r.w. headers. 1911 Act. H. D. Chapman, city eng.

FRESNO, Fresno Co., Cal. — Until Aug. 23, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to const. main sewer in Monterey Ave. and lateral sewers in G and H Sts.; main sewer to be 18-in., 15-in. and 12-in. vit. clay pipe; lateral sewers to be 10-in. and 8-in.; const. 19 cem. conc. manholes with c. i. covers; 6-in. on 8-in. wyes and 6-in. on 10-in. wyes. 1911 Art. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

SAN FRANCISCO — Municipal Construction Co., 112 Lyon St., San Francisco, at $12,495.05 submits low bid to Board of Public Works to imp. Joost Ave., bet. Acadia and Baden Sts., involv. 2775 cu. yds. cut; 493 cu. yds. fill; 2194 lin. ft. conc. curb; 660 sq. ft. art. stone walks; 3 br. catchbasins; 90 lin. ft. conc. curb; 660 sq. ft. art. stone walks; 3 br. catchbasins; 90 lin. ft. 10-in. pipe culvert; 9600 sq. ft. conc. pavement; 17,893 sq. ft. asph. conc. pavement. C. B. Eaton, next low bidder at $13,077.64.

Raisch Improvement Co., 46 Kearny St., San Francisco, at $6673.15 submits low bid to imp. Seneca Ave., bet. San Jose and Delano, involv. 80 cu. yds. cut 775 cu. yds. fill; 820 lin. ft. conc. curb; 2 br. catchbasins; 50 lin. ft. 10-in. ironstone pipe culvert; 2410 sq. ft. art. stone walks; 13,780 sq. ft. asph. conc. pavement. Fay Improvement Co. next low bidder at $6815.41.

OAKLAND, Cal.—Heafey-Moore and McNair, 2030 High St., Oakland, awarded cont. by council to sewer portion of 73rd Ave.: 8-in. sewer, $1.39 lin. ft; manhole, $85 ea.; lamphole, $20 ea.; wye branch, $1 ea.

CORTE MADERA, Marin Co., Cal.—S. P. Brownlee, San Rafael, at approx. $55,000 awarded cont. by Town Trustees to const. conc. curbs and gutters; grade and pave with Warrenite certain sts. Warren Construction Co., Oakland, bid approx. $55,600. J. C. Oglesby, engineer, San Rafael.

MARTINEZ, Contra Costa Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by J. H. Wells, county clerk, to grade and pave Division 36 of county highway system in Supervisor Dist. 5, running west from Excelsior School House, approx. 2 mi. north of Byron; 7941 ft. in length. Cert. check 10% payable to clerk req. R. R. Arnold, county surv.

KELSO, Wash.—Until Aug. 21, 8 p. m., bids will be rec. by A. J. Branscow, city clerk, to grade, pave and sewer as follows:

Dist. No. 51, 909.6 lin. ft. conc. curb; 1589.1 sq. yds. paving.

Dist. 48, 41,320 yds. common excav.; 365 yds. loose rock excav; 1393 cu. yds. solid rock excav.; 1400 lin. ft. of 8-in. corru. iron pipe; 65.6 m. b. m. lumber in cross walks; 6543 cu. yds. gravel surfacing; 136,377 cu. yds. of conc. walks.

Dist. 49, 329 cu. yds. common excav.; 27 cu. yds. solid rock excav.; 6100.8 sq. yds. paving; 540 ft. 5-in., 200 lin. ft. 6-in., 1860 lin. ft. 8-in., 506 lin. ft. 10-in. sewer pipe; 1377 cu. yds. trenching and necessary sewer specials.

Dist. 50, 690 cu yds. excav.; 6851.5 sq. yds. paving; 1395.6 lin. ft. curbs; 774 lin. ft. 8-in., 280 lin. ft. 10-in., 232 lin. ft. 6-in. sewer pipe; 8 inlets; 8 catchbasins, 2 manholes; 655 cu. yds. trenching and necessary sewer specials.

Spec. obtainable from U. G. Jackson, city eng, Kelso. Est. cost $123,000.

SAN FRANCISCO — Following bids rec. by Bd. of Pub. Wks. for street improvements:

Bauer St., bet. Alemany and Cayuga Ave., involv. (a) 1250 cu. yds. cut; (b) 2320 cu. yds. fill:

C. B. Eaton, (a) $1; (b) $.75.
J. T. Tobin (a) $.65; (b) $.65.
Municipal Const. Co. (a) $.54; (b) $.54
City Construction Co. (a) $.70; (b) $.50.

Crossing of Mississippi and 19th Sts., involv. (a) reset 90 lin. ft. granite curb, (b) reset 3 br. catchbasins; (c) 4630 sq. ft. asph. conc. pavement; (d) 607 sq. ft. art. stone walks:

C. B. Eaton, (a) $1; (b) $60; (c) $.37; (d) $.22.
E. J. Treacy, (a) $1.50; (b) $40; (c) $.35; (d) $.20.

46th Ave., bet. Balboa and Sutro Heights Ave., involv. (a) 522 lin. ft. conc. curb; (b) 3654 sq. ft. vertical fibre brick pavement; (c) 7786 sq. ft. asph. conc. pavement:

C. B. Eaton, (a) $1.05; (b) $.59; (c) $.295.
Pacific States Construction Co., (a) $1.00; (b) $.60; (c) $.285.
Municipal Construction Co., (a) $.98; (b) $.60; (c) $.285.

Jerrold Ave., bet. Railroad avenue and Mendell St., involv. (a) 110 lin. ft. conc. curb; (b) 2052 sq. ft. asph. pavement consisting of 6-in. conc. base with 2-in. asph. conc. wearing surface, (c) 9048 sq. ft. art. stone walks:

City Construction Co., Call Bldg., only bidder, (a) $1.75; (b) $.385; (c) $.28.
Municipal Construction Co., 112 Lyon St., $.167 sq. ft. low bidder to const. 36000 sq. ft. art. stone walks in Genesee St., bet. Joost and Flood Aves. M. J. Lynch only other bidder at $.20 sq. ft.

MARYSVILLE, Yuba Co., Cal.—Until Sept. 5, 10 a. m., bids will be rec. by W. M. Strief, county clerk, to grade, ditch and reconstruct road extending from State Highway at the Jaynes Ranch in Sec. 10, Township 18, North, to intersection of same with road recently constructed by Yuba Development Co., at Summit of ridge in Sec. 24 of said township. Cert. check 10% req. Jason R. Meek, county surv.

FRESNO, Fresno Co, Cal.—City council, R. Y. St. George, clerk, declares inten. to imp. Wishon Ave., bet. Olive and Normal Aves., involv. const. of cem. walks; Van Ness Blvd., bet. Florod ra and Home Ave., involv. const. cem. conc. walks and curbs. 1911 Act. Protests. Aug. 30. Wm. Stranahan, city engineer.

RICHMOND, Contra Costa Co., Cal.—City council petitioned to repair 4th St. bet. Barrett and Pennsylvania Aves. Referred to City Eng. H. D. Chapman for report.

SANTA ROSA, Sonoma Co., Cal.—At a recent meeting of the Board of Supervisors and the Sonoma County Grand Jury, the latter body urged the construction of more permanent roads in the county. The supervisors favor such work providing means of financing can be worked out without increased taxation.

EUREKA, Humboldt Co., Cal.—Committee representing the Federated Commercial Bodies of Humboldt county have requested the county supervisors to appoint a committee of citizens from each supervisorial district to outline a plan for a system of permanent roads to be financed through a bond issue or direct tax. It is proposed to bond for the work, approx. 50 miles of which would consist of gravelled road. A. J. Logan is county surveyor.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Castro St., bet. 7th and 14th Sts., involving grade; const. conc. curb and gutter; pave with 2-in. Warrenite-Bitulithic surface on 6-in. Port. cem. conc. base. 1911 Act. Protests Aug. 30. W. W. Harmon, city eng.

NAPA, Napa Co., Cal.—Gates & Brazelton, Vacaville, at $12,229 awarded cont. by county supervisors to re-grade Pope Valley road. Other bids:

Mrs. E. E. O'Brien, Martinex	$13,060.50
Harold Smith, Rutherford	13,369.24
Frank Bryant, San Francisco	14,085.00
Tieslau Bros., Berkeley	15,734.50
W. H. Hansen, Oakland	18,232.80
Collins & Seppi, Chico	16,627.00

SAN RAFAEL, Marin Co., Cal.—City council plans bond election for $80,000 to finance street improvements.

REDWOOD CITY, San Mateo Co., Cal.—W. A. Dontanville, Salinas, at $38,384.44 awarded cont. by city trustees to imp. Jefferson Ave. bet. Adams and Myrtle Sts., involv. grading and paving with 5-in. conc. includ all intersections; conc. curbs. Other bids were A. Tiechert & Son, $40,003.02; W. W. Thompson, $40,602.43; W. B. Cowden, $39,999.38; Chas. L. Harney, $40,054.90.

Unit bids of successful contractor follow: grade, cut, $1 cu. yd; grade, fill, $.25 cu. yd.; curb, $.65 lin. ft.; pave $.23 sq. ft.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares intcn. to imp. 24th St., bet. Santa Clara and San Antonio Sts.: grade; pave with 1½-in. Durite asph. conc. surface with 4-in. Durite asph. conc. base; hyd. conc. curbs, gutters and walks; 1 br. manhole; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Aug. 27. Wm. Popp, city eng.

OAKLAND, Cal.—City council, Eugene, K. Sturgis, clerk, declares inten. to imp. 9th St. bet. Alice and Fallon Sts.: grade; const. conc. curbs and gutters; pave with asph. conc.; reset existing granite curbs. 1911 Act. Protests Aug. 23. W. W. Harmon, city eng.

LOS ANGELES, Cal.—Until 11 a. m., Aug. 27, bids will be rec. by supervisors to imp. Amestoy Ave., bet. Hobart and Guaymas Sts., and portions of Barton, Eleanor and Hobart Aves., and Harvard Blvd., under County Imp. No. 27, involv. 1753 cu. yds. excav.; 7243 lin. ft. curb; 23,970 sq. ft. walk; est. contr. price, $11,931.10.

Separate bids, same date, to improve Guaymas St., Kingsley Dr., Eleanor Ave Barton Ave., and other streets under County Imp. No. 44, involv. 3153 cu. yds. excav.; 7521 ft. curb; 30,093 sq. ft. walk; 13,379 sq. ft. oil and screenings roadway; est. contr. price $16,201.

RENO, Nevada—S. E. Ross, chairman of the Street Committee of the City Council has submitted report covering the imp. of 70 blocks of streets with asphaltic pavement, the streets being in the First, Second, Third, Fourth, Fifth and Sixth Wards. The program includ. conc. curbs and gutters estimated to cost $250,000. Harry Chism is city eng.

CARSON CITY, Nevada—Until Aug. 29, 2:30 P. M., bids will be rec. by State Highway Commission, Geo. W. Borden, ch. eng., to const. 5.93 mi. of highway in White Pine County, bet. Keystone and East city limits of Ely. Project involv.

41,180 cu. yds. unclassified excavation; 4850 cu. yds. selected material for fills; 26,232 yd. sta. overhaul; 1.27 miles prepare subgrade and shoulders for conc. pavement; 13,430 sq. yds. cement conc. pavement; 4.64 miles prepare subgrade and shoulders for selected material surface; 7510 cu. yds. loading and screening selected material for surfact; 9570 yd. mi. hauling selected material for surface; 7510 cu. yds. spreading selected material for surface; 575 cu. yds. Class "A" and 30 c.u yds. Class "B" concrete; 238 lin. ft. 15-in., 310 lin. ft. 18-in., 64 lin. ft. 24-in. and 140 lin. ft. 30-in. corru. metal pipe, complete in place; 250 cu. yds. cement rubble masonry; 2080 lin. ft. wooden guard rail, complete in place; 134 monuments; 3 sign posts; 46,656 lbs. structural steel; 196 lin. ft. iron pipe railing. State will furnish cement f. o. b. cars at Ely. **See call for bids under official proposal column in this issue.**

VISALIA, Tulare Co., Cal.—County Surv. Laurence A. Moye estimates cost of 65 miles of proposed Camp Nelson-Lone Pine highway at $421,745. Consideration of the estimates and the route outlined will be considered at an early meeting of the supervisors.

OAKLAND, Cal.—Until Aug. 20, 10 a. m., bids will be rec. by George E. Gross, county clerk, to imp. portion of Union Ave. from 18th St., city of Oakland, northerly. Cert. check 10% payable to county clerk req. Plans obtainable from Geo. E. Posey, county surveyor, courthouse, Oakland.

LOS ANGELES, Cal.—Boulevard Land Co., 111 W 4th St., submitted only bid to Bd. Pub. Wks. to imp. Topango Canyon Ave., bet. Ventura Blvd and Ybarra Rd., involv. grading at $53,768 (lump sum); 94,062 sq. ft. conc. paving 35c c. 11,936 lt. heavy curb 60c ft.; 438,947 sq. ft. cem. walk 20c ft.; reinf. conc culverts $7510.32; lighting conduits $687.60; 72,503 ft. light curb 46c ft.

SAN DIEGO, Cal.—County Supervisors declare inten. to imp. under R. D. I. No. 6, following roads: Terrace Dr., bet. Monroe Ave. and 100 ft. n. of Jefferson Ave.; Monroe & Jefferson Aves; Kensington Dr. bet. Marlborough Dr., bet. Monroe Ave. and 100 ft. n. of Jefferson Ave.; Edgeware Rd., bet. Monroe Ave. and 100 ft. n. of Jefferson Ave.; south one-half of Park Pl., bet. Kensington Dr. and west line of Marlborough Dr; Adams Ave., bet. Terrace Dr. and 120 ft. east of Edgeware Rd.; grade and pave with 4-in. asph. conc. pavement J. B. McLees, clerk.

STOCKTON, San Joaquin Co., Cal.—J. E. Johnston, Savings and Loan Bank Bldg., Stockton, awarded cont. by city council to imp. portions of E-Main A, B, C, D, and E Sts.: grade; const. comb. curb and gutter; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. surface; and portions of B St.: grade; const. comb. conc. curb and gutter; conc. walks; pave with 2½-in. crushed rock base and 2½-in. asph. conc. base with 2-in. asph. conc. surface.

TRACY, San Joaquin Co., Cal.—City trustees, Geo. L. Frerichs, clerk, declare inten. to imp. Roosevelt Ave., 12th St., and Highland Ave., within La Bonita Park Sub-Division, involv. grading; const. conc. curbs and gutters; pave with 4-in. compressed gravel and 2-in. topping of asphaltic macadam; const. catchbasins, water and sewer connections. 1911 Act & Bond Act 1915. Protests Sept. 6. W. D. Harrington, city engineer.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. 16th St., bet. Santa Clara and Julian: grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc walks; 1 br. catchbasin; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Aug. 27. Wm. Popp, city eng.

YUBA CITY, Sutter Co., Cal.—T. H. Polk, Chico, awarded cont. by county supervisors at approx. $21,449, to imp. portions of 1st and C Sts., town of Live Oak, involv. the const. of conc. curb and gutter: grade; pave with 2½-in. asph. conc. base with 1½-in. asph. conc surface. Unit bid follows; pave, $.23; grade $.028; gutters, $.30½; curb $.60; F. E. Green, Oakland bid $21,644.85.

ALAMEDA, Alameda Co, Cal—Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. crossing of Bay Island and Park Aves. and crossing of Bay Island ave. and Regent St.: earth grading, 3c; conc. curb, 60c; oil macadam pave, 14c; conc. gutter, 26c; conc. walks, 16c; corru. culvert 6x18, $4; corru. culvert, 7x30, $4.70; conc. gutter bridges, 18c. Burnett Hamilton, city eng.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. 2nd St., bet. Santa Clara and San Fernando Sts.: remove existing basalt block gutters and construct hyd. conc. gutters; remove portions of existing bituminous wearing surface and replace with asphaltic conc binder, etc. etc. 1911 Act and Bond Act 1915. Protests Aug. 27. Wm. Popp, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, declares inten. to imp. Younglove ave., bet. Errett Circle and pavement in Mission St., includ. crossings, involv. const. of conc. gutters; grade and pave with 6½-in. macadam; const. 1 comb. br. catchbasin with conc. bottom and c. i. frame and cover; 46 ft. 2-in. 26 ft. 18-in., 16 ft. 12-in., and 15 ft. 10-in. corru. iron pipe storm water culvert; 2 conc. catchbasins. 1911 Act. Protests Aug. 28.

LA JOLLA, Cal—Plans are under way to pave Herschel and Wall Sts.

SAN DIEGO, Cal.—Pioneer Truck Co., 954 3rd St., San Diego, submitted low bid to council to imp. Soledad Ave. and other streets, involv. 1709 cu. yds. earth excav $1.35 yd.; 2702 cu. yds. earth embank. 42c yd.; $5,043.9 sq. ft. 2-in. bitum. macad. paving 10.75 ft.; 4197.8 lin. ft. combination curb and gutter $1.05 ft.; 2 culverts complete $370; wooden guard-rail fence complete, $40. Carl S. Carlson, 915 Sampson St., bid $1.45 excav; 50c embank; 11.5c paving; $1 gutter; $420 culverts; $55 guard-rail.

SANTA CRUZ, Santa Cruz Co., Cal.—County Surv. Lloyd Bowman has completed spec. to imp. roads in Skyland district and bids will be asked at once by county supervisors.

LOS ANGELES, Cal.—W. D. McCray, 416 Am. Bank Bldg., submitted low bid to Bd. Pub. Wks. to imp. Gower St., bet. Temple Hill Dr. and Scenic Ave., involv. grading at $2400 (lump sum); 13,954 sq. ft. cem. conc. pavement 25c ft.; 942 ft. reinf. cem. curb, 88c ft.

C. W. Shafer, 220 W 33rd St., submitted only bid to imp. Young St., bet. Panama Ave. and Blinn Ave., involv. grading at $1000 (lump sum); 13,776 sq. ft. oil roll and surface with rock 15c ft.; 1093 ft. light curb 80c ft.; 5198 ss. ft. walk 24c ft.; 2119 sq. ft. gutter 38c ft.

G. A. Constantine, 910 Haas Bldg., Los Angeles, submitted low bid to imp. first alley w. of Hoover St., bet. 12th and Pico Sts., involv. grading at $375 (lump sum); 9003 sq. ft. cem. conc. paving 25c ft.; cast iron pipe drain $70.50.

NAPA, Napa Co., Cal.—Basalt Rock Co., (L. J. Alexander), Napa, at $4,160'77 awarded cont. by council to imp. Lincoln Ave., bet. York and Jefferson Sts. involv: 1090 cu. yds. grade, $.80; 1332 lin. ft. curb, $.60; 29,926 sq. ft. 2-course asph. macadam pave, $.07; 261 lin. ft. vit. sewer $.75; two 6x6-in. wyes, $2; 6 catchbasins, $30; 1 flush hole, $15. Kay E. Errington, Napa, bid $4419.73.

TARKE STATION, Sutter Co., Cal.—State Department of Public Wks seeks authority of State Railroad Commission to const. crossing under tracks of Sacramento-Northern r.r. at Tarke Station, Sutter county.

EUREKA, Humboldt Co., Cal.—W. S. Selvage at $2.94 cu. ft. submits only bid to supervisors for fur. rock for Lord Ellis road. Bid rejected.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at $3.65 cu. yd. awarded cont. by supervisors to gravel Humboldt Hill rd. bet. state highway and Golf Grounds.

EUREKA, Humboldt Co., Cal.—Supervisors reject bids to const. 1740 ft. of new road near Carlotta in Rd. Dist. 2. W. C. Elsmore bid $3389; Baxter and Baxter, $3850.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at $3906 awarded cont. by supervisors to surface with Warrenite-Bitulithic pavement 1550 ft. of road bet. Arcata city limits and United Creamery plant in Rd. Dist. No. 5.

SOUTH PASADENA, Cal.—Until 5 p m., Aug. 27, bids will be rec. by City Clerk Nettie A. Hewitt to imp. under 1911 Act:

Raymond Ave., involv. 460 cu. yds. excav. and 12,100 sq. ft. conc. paving.

Monterey Road, involv. 8300 sq ft. cem. sidewalk.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares inten. to imp. 6th St., bet. Jefferson and West St., involv. grade; const. conc. curb & gutter; pave with 3-in. Warrenite-Bit. surface on 4-in. asph. conc. base; 1 br. catchbasin with c. i. top. 1911 Act. Protests Aug. 30. W. W. Harmon, city eng.

NAPA, Napa Co., Cal.—Chas. N. Chittenden, at $3820 awarded contract by county supervisors for fur. 2000 cu. yds. crushed rock for use on county roads. Basalt Rock Co., (L. J. Alexander), Napa, bid $3905.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt
3060	Gillogley	Owner	8000
3061	Almquist	Owner	7000
3062	Martin	Owner	1200
3063	Hargrave	Owner	3000
3064	Bressi	Peterson	2000
3065	Andersen	Owner	6000
3066	Shloss	Cahill	4000
3067	S P Co	Eaton	——
3068	Zietrich	Owner	12500
3069	Cripper	Liebman	14000
3070	Hovey	Owner	1200
3071	Girard	Christiansen	8000
3072	Glidden	Owner	7000
3073	Same	Same	8000
3074	Bernauer	Miner	5500
3075	Sommer	Levi	46000
3076	Edwards	Parker	4000
3077	Robinson	Parker	6100
3078	Hellmann	Peterson	8525
3079	Anglo	Price	2418
3080	Grisez	Owner	3750
3081	Jansen	Owner	3950
3082	Roundey	Owner	3000
3083	Bignoli	Owner	3500
3084	Douglass	Owner	3000
3085	Dobert	Owner	6000
3086	Wilson	Owner	5000
3087	Samaho	Becker	1000
3088	Mack	Mullen	1000
3089	Braun	Owner	6000
3090	Grewank	McCauley	2000
3091	Bignoli	Owner	5000
3092	Dodge	Coburn	1000
3093	Cameo	Brumfield	1000
3094	Nelson	Owner	4000
3095	Reinhart	Owner	10000
3096	Morse	Lindeman	10000
3097	Taylor	Lindeman	10000
3098	Lindeman	Owner	10000
3099	Schier	Hansen	15000
3100	Morris	Owner	5000
3101	Morris	Owner	4000
3102	Angeli	Owner	100000
3103	Sommer	Levi	46000
3104	Allyne	Sartorius	1280
3105	Wiley	Arnott	3815
3106	Voorhees	Wagner	4000
3107	Hueter	Boxton	7000
3108	Raisch	Cox	4000
3109	Olsen	Olsen	4800
3110	Olsen	Olsen	4000
3111	Sloyd	Buschke	4000
3112	Terminal	Ellison	170000
3113	Brown	Magill	9000
3114	Feerick	Owner	6000
3115	Winant	Swanson	7376
3116	Humboldt	Vermont	5653
3117	Robinson	Parker	6164
3118	Realty	Owner	8000
3119	Howard	Wengard	1760
3120	Beroldo	Carraro	3000
3121	Ward	Owner	2500
3122	Brown	Magill	9000
3123	Voorhies	Owner	12000
3124	Wissman	Meyer	8000
3125	Voorhies	Owner	4000
3126	Welsh	Cobby	4500
3127	Jacob	Owner	2900
3128	Whitcomb	Macdonald	30000
3129	Sehnell	Owner	5000
3130	Steur	Owner	13500
3131	Davis	Owner	2000
3132	Ferrera	Hemmen	4000
3133	Littlefield	Owner	3000
3134	Mingst	Parker	5000
3135	Marty	Reeves	3870
3236	Dineen	Little	14000

FRAME FLATS
(3060) E SAN JOSE AVE 407 N 29th. Two-story and basement frame (2) flats.
Owner—J. W. Gillogley, 745 San Jose Ave., San Francisco.
Architect—None. $8000

FRAME FYATS
(3061) E FIFTEENTH AVE 275 S Lincoln Way. Two-story and basement frame (2) flats.
Owner—Almquist & Co., 1083 York St., San Francisco.
Architect—None. $7000

ALTERATIONS
(3062) NO. 153 TWENTY-FIFTH AVE Rearrange entrance steps; construct reinforced concrete private garage.
Owner—H. C. Martin, Premises.
Architect—None.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco. $1200

DWELLING
(3063) S ROLPH 271½ E Newton. One-story and basement frame dwelling.
Owner—E. J. Hargrave, 360 London St., San Francisco.
Plans by Owner. $3000

DWELLING
(3064) W LAGUNA 82-6 S Filbert. One-story and basement frame dwelling.
Owner—Mrs. B. M. Bressi, 2060 Ellis St. San Francisco.
Architect—None.
Contractor—W. C. Petersen, 2060 Ellis St., San Francisco. $2000

DWELLINGS
(3065) E TWENTIETH AVE 75 AND 100 N Kirkham. Two one-story and basement frame dwellings.
Owner—Andersen Bros., 1264 Noe St., San Francisco.
Architect—None. $3000 each

FOUNDATION
(3066) S ELLIS 137-6 W Mason. Foundation (only) for two-story reinforced concrete garage.
Owner—W. M. Shloss, 110 Sutter St., San Francisco.
Engineer—L. H. Nishkian, 853 Monadnock Bldg., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco. $4000

PAVING
(3067) PTN OF TOWNSEND ST., bet. Fourth and Eighth Sts. All work for repaving with 2-inch wearing surface of asphaltic concrete.
Owner—Southern Pacific Co.
Architect—None.
Contractor—Eaton & Smith, 715 Ocean Ave., San Francisco.
Filed Aug. 9, '23. Dated July 31, '23.
Close of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $0.125 sq. ft.
Bond $13,000. Sureties, G. E. Hart & James Smith. Limit, 60 days. Forfeit, none. Specifications only filed.

ALTERATIONS
(3068) SE UNION AND STEINER STS. Move, raise and remodel 2 flats for four apartments; addition of four stores.
Owner—A Zietrich, 2165 Union St., San Francisco.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco. $12,500

FRAME FLATS
(3069) SW BAY AND GOUGH. Two-story and basement frame (4) flats
Owner—Miss Enid Cripper, 2335 Larkin St., San Francisco.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Architect—None.
Contractor—Ben Liebman, 407 11th Ave., San Francisco. $14,000

ALTERATIONS
(3070) NO. 2715-17 SACRAMENTO. Excavate front garden; cut entrance trough for garage; rearrange 3 rooms and bath for caretaker.
Owner—Estate Lizzie G. Hovey.
Architect—Bliss & Faville, Balboa Bldg San Francisco. $1200

FRAME FLATS
(3071) E FORTY-SECOND AVE 175 S Geary. Two-story and basement frame (2) flats.
Owner—M. Girard, 526 42nd Ave., San Francisco.
Architect—B. Helms, 7919 Geary St., San Francisco.
Contractor—T. Christiansen, 1440 Clement St., San Francisco. $8000

ALTERATIONS
(3072) SE SEVENTH AND HUBBELL. Alterations for interior for office install elevator.
Owner — Glidden Co., 123 Hooper St., San Francisco.
Architect—None. $7000

BOILER ROOM, ETC.
(3073) NO. 1300 SEVENTH. One-story brick varnish room and boiler room
Owner — Glidden Co., 423 Hooper St., San Francisco.
Architect—None. $8000

DWELLING
(3074) S HILL 405 E Castro. Two-story and basement frame dwlg.
Owner—Adolph Bernauer, 511 Hill St., San Francisco.
Architect — The Miner Co., Richmond, Calif.
Contractor—The Miner Co., Richmond, Calif. $5500

ALTERATIONS
(3075) NO. 838 MARKET. Change store front; extend balcony; re-arrange basement stairway; erect shelving, etc.
Owner—Sommer & Kaufmann, Prem.
Architect—Will H. Toepke, Call Bldg., San Francisco.
Contractor—S. Levi, 243 7th St., San Francisco. $46,000

DWELLING
(3076) N ALTON AVE 200 E Pacheco. One-story and basement frame dwelling.
Owner—A. S. Edwards.
Designer—C. F. Parker, 251 Kearny St., San Francisco.
Contractor — C. F. Parker 251 Kearny St., San Francisco. $4000

RESIDENCE
(3077) W SAN RAFAEL WAY 190 S St. Francis. Two-story and basement frame residence.
Owner—Major E. Robinson.
Architect—Sidney B. and Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—C. F. Parker, 251 Kearny St., San Francisco. $6100

FACTORY
(3078) N SIXTEENTH bet. Harrison and Alabama with a depth parallel to line of Alabama of 135 ft. All work for plumbing, air and oil piping, steam heating for two-story and basement brick, steel and concrete factory.
Owner—Richard Hellmann, Inc., 602 Jackson Ave., Long Island City, New York.
Engineer—A. Toriggino.
Architect—John K. Turton Co. & J. F. Musselman, 101 Park Ave., N. Y.
Contractor—C. Peterson Co., 390 6th St., San Francisco.
Filed Aug. 11, '23. Dated May 5, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $8525
Bond, none. Limit, 95 days. Forfeit, none. Specifications only filed.

SIDEWALK LIGHTS
(3079) W SANSOME 46-10⅞ N Sutter. Sidewalk vault lights for one-story Class A bank.
Owner—Anglo & London Paris National Bank of San Francisco, Premises.
Architect—None.
Contractor—L. H. Price, 180 Jessie St., San Francisco.
Filed Aug. 11, '23. Dated Aug. 9, '23.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $2418
Bond, $1209. Surety, Globe Indemnity Co. Limit, 2 months. Forfeit, none. Specifications only filed.

DWELLING
(3080) W MADRID 175 N Geneva. One-story and basement frame dwelling.
Owner—F. C. Grisez, Box 156 San Bruno, Calif.
Plans by Owner. $3750

DWELLING
(3081) SE GEARY & FORTY-FIRST Ave. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $3950

DWELLING
(3082) NE SAN BRUNO 91-8 NW Salinas. One-story and basement frame dwelling.
Owner—Roundey Realty Co., 995 Market St., San Francisco.
Architect—None. $3000

FRAME FLATS
(3083) S NOBLE ALLEY 46 E Grant Ave. Two-story and basement frame (2) flats.
Owner—M. Bignoli, 1416 Grant Ave., San Francisco.
Architect—P. F. DeMartini, 960 Broadway, San Francisco. $3500

DWELLING
(3084) W FORTY-SEVENTH AVE 150 N Kirkham. One-story and basement frame dwelling.
Owner—T. A. Douglass, 2727 Geary St., San Francisco.
Plans by Owner. $3000

DWELLINGS
(3085) E LISBON 150 and 175 N Avalon. Two one-story and basement frame dwellings.
Owner—Henry Dobart, 402 Avalon Ave., San Francisco.
Architect—None. $3000 ea

DWELLINGS
(3086) E ASHTON AVE 175, 200 and 225 N Grafton. Three one-story and basement frame dwellings.
Owner—Oscar Wilson, 336 Ashton Ave., San Francisco.
Architect—Chas. F. Strothoff, 2276 15th St., San Francisco. $2500 each

ADDITION
(3087) NO. 871 DOLORES. Add bath and install fixtures in residence.
Owner—J. M. Samaho, Premises.
Architect—None.
Contractor—H. A. Becker & Son, 3444 22nd St., San Francisco. $1000

ALTERATIONS
(3088) NO. 207 CALIFORNIA. Construct wainscoting in restaurant; install counters and stools, etc.
Owner—G. S. Mack Sandwich Shop, 70 Second St., San Francisco.
Architect—None.
Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco. $1000

DWELLINGS
(3089) W LONDON 150 and 175 S Italy. Two one-story and basement frame dwellings.
Owner—Fred Braun, 508 Valencia St., San Francisco.
Architect—None. $3000 each

DWELLING
(3090) E NINETEENTH AVE 50 S Noriega. One-story and basement frame dwelling.
Owner—Mr. Grewank, 516 Call Bldg., San Francisco.
Plans by Owner.
Contractor—McCauley & Weber, 1153 Shotwell St., S. F. $2000

FRAME FLATS
(3091) N UNION 46 E Grant Ave. Three-story and basement frame (2) flats.
Owner—M. Bignoli, 1416 Grant Ave., San Francisco.
Architect—Paul F. De Martini, 960 Broadway, San Francisco. $5000

ALTERATION
(3092) SE BUSH AND GRANT AVE. Remove partition in Hotel Lobby.
Owner—Thos. S. Dodge.
Architect—None.
Contractor—Ira W. Coburn, 712 Hearst Bldg., San Francisco. $1000

MARQUISE
(3093) 936 MARKET STREET. Construct marquise for theatre.
Owner—Cameo Theatre, 936 Market St. San Francisco.
Architect—None.
Contractor—Brumfield Electric Sign Co 965 Folsom St., S. F. $1000

REMODEL
(3094) NW GEARY & SEVENTEENTH Ave. Remodel 1st floor for stores—new windows, etc.
Owner—F. N. Nelson, 4617 17th Ave., San Francisco.
Architect—Milton Morrison, 716 40th Ave., San Francisco. $4000

PLANING MILL
(3095) SE BARNEVALD & JERROLD Ave. 1-story frame planing mill.
Owner—Reinhart Lumber Co., 17th and Kansas Sts., S. F.
Plans by owners. $10,000

FLATS
(3096) S ANZA 82½ E 20th Ave, 2-story and basement frame (4) flats
Owner—Cornelia Morse, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman.
Contractor—H. O. Lindeman, 619 27th Ave., S. F. $10,000

FLATS
(3097) E TWENTY-SEVENTH AVE. 200 N Geary. 2 2-story and basement frame (4 in each) flats.
Owner—Max Taylor, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman.
Contractor—H. O. Lindeman, 619 27th Ace., San Francisco. $10,000

FLATS
(3098) E TWENTY-SEVENTH AVE. 200 225 S Clement. 2 2-story and basement frame (4 in each) flats.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman. $10,000 ea

FLATS
(3099) SE CALIFORNIA AND TWENTY-fourth Ave. 2-story and basement frame (4) flats.
Owner—Harold Schier, 1351 Mason St., San Francisco.
Architect—C. Skidmore, 302 Kearny St., San Francisco.
Contractor—H. J. Hansen, 302 Kearny St. San Francisco. $15,000

DWELLINGS
(3100) NE URBANO DR. & VICTORIA SE URBANO DR. & VICTORIA, 2 1-story and basement frame dwellings.
Owner—G. W. Morris, 152 Judson Ave, San Francisco.
Architect—Chas. S. Strothoff, 2274 15th St., San Francisco. $5000 each

DWELLINGS
(3101) E BORICA 353 S Urbano Dr.; W URBANO DR. 152 E Victoria. 2 1-story and basement frame dwlgs.
Owner—G. W. Morris, 152 Judson Ave., San Francisco.
Plans by owner. $4000 each

APARTMENTS
(3102) N BUSH 91-8 W Mason. Six-story and basement concrete (35) apartments.
Owner—Jos. J. Angell, 875 Bush St., San Francisco.
Architect—C. H. Barrett, 342 Grant Ave San Francisco. $100,000
NOTE—Permit omitted in issue of August 14th.

SHELVING, ETC.
(3103) NO. 838-43 MARKET. Shelving, mill work, glazing, painting, plumbing, carpenter work, plastering, tile and marble work for alterations.
Owner—Sommer & Kaufmann, Inc., 838 Market St., San Francisco.
Architect—Will H. Toepke, Call Bldg., San Francisco.
Contractor—S. Levi, 243 7th St., S. F.
Filed Aug. 13, '23. Dated Aug. 9, '23.
n 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $46,000
Bond, none. Limit, on or before Oct. 1, 1923. Forfeit, $50. Plans and specifications filed.

METAL DOORS, ETC.
(3104) WMISSION & ECKER which said pt. of beg. is dist. 275 SW fm inter. of said line Mission with SW First from said pt. of beg. rung SW on and along NW Mission 74 NW and parl with Ecker 112-6 SW 47 NW and parl with Ecker 75 to a pt in SE Jessie NE on and along SE Jessie 94 to pt. of inter. of Jessie with SW Ecker SE on and along Ecker 187-6 to beg. Metal doors, frames and flangers for building.
Owner—Lucy H. and Edith W. Allyne.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Sartorius Co., 15th and Utah Sts., San Francisco.
Filed Aug. 13, '23. Dated June 26, '23.
Work installed 75%
Usual 35 days..... 25%
TOTAL COST, $1280
Bond, $640. Sureties, F. E. Brishine & E. K. McCorry. Limit, Aug. 15. Forfeit, none. Plans and specifications filed.

DWELLING
(3105) W TWENTY-FIRST AVE. 175 S Irving N 25 x W 120. All work for dwelling house.
Owner—Ralph W. Wiley, 1250 26th Ave. San Francisco.
Architect—None.
Contractor — Jas. A. Arnott & Son, 235 Granville Way, San Francisco.
Filed Aug. 13, 1923. Dated June 28, 1923.
Building enclosed $953.75
Brown coated 953.75
Completed and accepted 953.75
Usual 35 days 953.75
TOTAL COST, $3815
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

ALTERATION
(3106) NE VAN NESS AVE. & FERN Ave. Alter store front.
Owner—Voorhees Estate.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Daniel R. Wagner, 540 Call Bldg., San Francisco. $4000

RESIDENCE
(3107) NW SAN LEANDRO WAY & Darien Way. 2-story and basement frame residence.
Owner—O. M. Hueter, 805 Flatiron Bldg San Francisco.
Architect—Harold G. Stoner, 1st Natl. Bann Bldg., San Francisco.
Contractor — Boxton and Zweig, 809 Flatiron Bldg., S. F. $7000

DWELLING
(3108) W FOURTH AVE 45.9 S Parnassus. 2-story and basement frame dwelling.
Owner—A. J. Raisch, 46 Kearny St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $4000

DWELLING
(3109) SE DELANO & SANTA YNEZ. 1-story and basement frame dwlg.
Owner—Amanda Olsen, Redwood City.
Architect — McCain & Skidmore, 318 Kearny St., San Francisco.
Contractor—Olaf Olsen, Redwood City, Calif. $4800

DWELLING
(3110) W SANTA YNEZ 25 S Delano. 1-story and basement frame dwlg.
Owner — Amanda A. Olsen, Redwood City.
Architect—MaCaln and Skidmore, 318 Kearny St., San Francisco.
Contractor—O. Olsen, Redwood City, Calif. $4000

FACTORY
(3111) N FOLSOM 50 E Ninth. 1-story reinforced concrete factory.
Owner—Morgan H. Lloyd, 85 2nd St., San Francisco.
Plans by owner.
Contractor — Buschke & Brown, 185 Stevenson St., S. F. $4000

WAREHOUSE
(3112) N BRANNAN 150 E 2nd. 6-story and basement reinforced concrete warehouse.
Owner — Terminal Warehouse Co., 268 Lee St., Oakland.
Engineers—Ellison & Russell, 369 Pine St., San Francisco. $170,000

FRAME FLATS
(3113) E TWENTY-FIRST AVE 175 S Anza. Two-story and basement frame (4) flats.
Owner—S. W. Brown, 581 4th Ave., San Francisco.
Architect—None.
Contractor— C. T. Magill, 581 4th Ave., San Francisco. $9000

DWELLING
(3114) W TWENTY-FOURTH AVE 25 S Cabrillo. Two-story and basement frame dwelling.
Owner—P. J. Feerick, 757 9th Ave., San Francisco.
Architect — Andrew H. Knoll, Hearst Bldg., San Francisco. $6000

RESIDENCE
(3115) NW CAMBRIDGE & FELTON 50x100. All work for one-story and basement frame residence.
Owner—Joseph Winant, 4417A Mission St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Ernest Swanson, 329 Lowell St., San Francisco.
Filed Aug. 14, '23. Dated Aug. 2, '23.
Roof and sheathing on.....$1844
Intr. and extr. brown coated.... 1844
Completed and accepted..... 1844
Usual 35 days..... 1844
TOTAL COST $7378
Bond, $3688. Sureties, Wm. F. Cody & B. Milano. Limit, 90 days. Forfeit, none. Plans and specifications filed.

MARBLE WORK, ETC.
(3116) NO. 200 MONTGOMERY ST. (Mills Bldg.) Marble work, remove existing tile and concrete floor, etc.
Owner—Humboldt Savings Bank.
Architect—Smith O'Brien, 742 Market St., San Francisco.
Contractor—Vermont Marble Co., 244 Brannan St., San Francisco.
Filed Aug. 14, '23. Dated Aug. 7, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $5653
Bond, none. Limit, 60 days. Forfeit, $10. Plans and specifications filed.

RESIDENCE
(3117) LOT 14 BLK 1 ST. FRANCIS Wood. All work for 2-story and basement frame residence and gar.
Owner—Major E. Robinson.
Architect—Sidney B. & Noble Newsom Nevada Bank Bldg., San Francisco
Contractor—C. F. Parker, 251 Kearny St., San Francisco.
Filed Aug. 14, 1923. Dated Aug. 2, 1923.
Frame up on house & garage ..$1541
Plastering completed 1541
Completed and accepted 1541
Usual 35 days 1541
TOTAL COST, $6164
Bond, $3100; Sureties, K. E. Parker & Dr. Ethel Owen; Forfeit, $5; Limit, 100 days; Plans and specifications filed.

ALTERATIONS
(3118) NO. 1011-13 GOLDEN GATE Ave. Move and raise dwelling and remodel for apartments.
Owner—Realty Buyers & Sellers Inc., and I. Salsman, 1360 Webster St., San Francisco.
Architect—W. H. Armitage, 72 New Montgomery St., San Francisco. $8000

ADDITION
(3119) NO. 347 SEVENTEENTH AVE. Minor addition for flats.
Owner—Ray L. Howard, Premises
Architect—None.
Contractor—C. Wengard, 1286 34th Av., San Francisco. $1760

ALTERATIONS
(3120) NO. 59 NORTON. Re-arrange steps; add porch; tar and gravel roof; new front for dwelling.
Owner—G. Beroldo, Premises.
Architect—None.
Contractor—G. Carraro, 750 Felton St., San Francisco. $3000

DWELLING
(3121) W MADRID 175 S Brazil. Two-story and basement frame dwelling
Owner—Jas. Ward, 67 Cotter St, San Francisco.
Architect—None. $2500

FRAME FLATS
(3122) E TWENTY-FIRST AVE 175 S Anza. Two-story and basement frame (4) flats.
Owner—S. W. Brown, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $9000

DWELLING
(3123) N FULTON 108-10 N Masonic Ave. Two-story and basement frame dwelling.
Owner—W. H. Voorhies, 12 Layola St., San Francisco.
Architect—None. $4000

DWELLINGS
(3124) E TWENTY-SEVENTH AVE 150, 175 and 260 N Clement. Three one-story and basement frame dwellings.
Owner—H. Wissman, 2255 Clement St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000 each

RESIDENCE
(3125) N FULTON 83-10 W Masonic Ave Two-story and basement frame residence.
Owner—W. H. Voorhies, 12 Layola St., San Francisco.
Architect—None. $4000

ALTERATIONS
(3126) S FOURTEENTH 100 E Guerrero. Place deafening felts in church; install window frames.
Owner — Welsh Presbyterian Church, 14th St., near Guerrero St., S. F.
Architect—None.
Contractor—Cosby & Owsley, 636 Call Bldg., S. F. $4500

ADDITION
(3127) 2522 RICHMOND STREET. Addition of two rooms for residence.
Owner—Morris S. Jacobs, 123 Lake St., San Francisco.
Architect—Fred G. Munk Jr., 58 Francis St., San Francisco. $2900

ADDITIONS
(3128) 1231 MARKET STREET. Construct new lobby and extension to dining room for hotel
Owner—Hotel Whitcomb (James Otis, trustee), premises.
Architect—Geo. Rushforth, 354 Pine St., San Francisco.
Contractor—Macdonald and Kahn, 130 Montgomery St., S. F. $30,000

MFG. PLANT
(3129) SE ELEVENTH AND NATOMA Streets. 3-story brick (steel frame) light manufacturing plant.
Owner—Samuel Schell, 180 Jessie St., San Francisco.
Architect—None. $50,000

APARTMENTS
(3130) N GEARY 112-6 E Hyde. 6-sto. & basement brick (35) apartments.
Owner—Jacob Steur, 755 O'Farrell St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $135,000

ALTERATIONS
(3131) NoO. 120 LIBERTY. Remove bath and construct new partitions and start in flats.
Owner—Miss M. E. Davis, 120-A Liberty St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco. $2000

ADDITION
(3132) NO. 4653 MISSION. Five-room addition over store for flat.
Owner—A. J. Ferrera, Premises.
Architect—None.
Contractor—Albert A. Hemmen, 140 Ellis St., San Francisco. $4000

DWELLING
(3133) NE SILVER AVE. & ELMIRA. One-story and basement frame dwelling.
Owner—T. E. Littlefield, 1413 Silver Ave., San Francisco.
Architect—None. $3000

DWELLING
(3134) N MAGELLAN 130 W Sola. Two-story and basement frame dwelling.
Owner—Adolph Mingst.
Architect—Harold G. Stoner, 1st Nt'l. Bank Bldg., San Francisco.
Contractor—C. F. Parker, 251 Kearny St., San Francisco. $5000

HEATING SYSTEM
(3135) NO. 906 McALLISTER. All work for low pressure heating system.
Owner—Germain Marty, Premises.
Architect—None.
Contractor—M. J. Reeves, 420 Colby St., San Francisco.
Filed Aug. 15, '23. Dated Aug. 15, '23.
Boiler room completed and hot water tank in place.....$1200
Piping and oil tank in place.. 500
Radiators and chimney installed 700
Completed 505
Usual 35 days..... 965
TOTAL COST. $3870
Bond, none. Limit, 60 days. Forfeit, none. Specifications only filed.

FRAME FLATS
(3136) E EIGHTEENTH AVE 100 N Fulton N 25xE 120. All work for two-story and basement frame (2) flats.
Owner—Dennis and Mary Dineen, 624 Third Ave., San Francisco.
Architect—None.
Contractor—John Little & Son, 1035 Lincoln Way, San Francisco.
Filed Aug. 15, '23. Dated Aug. 14, '23.
Rough frame up.....$3525
Brown coated 3525
Completed and accepted..... 3525
Usual 35 days..... 3525
TOTAL COST. $14 100
Bond, none. Limit. 90 days. Forfeit, none. Plans and specifications filed

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Ave N 70xE 27-6. Ernest Hillebrand to whom it may concern... .....Aug. 1, 1923
Aug. 8, 1923—S OCEAN AVE 121-10 — Cayuga. Kenneth Fahy to Joseph Novello.....Aug. 8, 1923
Aug. 9, 1923—W SEVENTEENTH AV 275 S Lincoln Way. Chas and Christian Andersen to whom it may concern.....Aug. 8, 1923
Aug. 9, 1923—W TWENTY-FIRST AV 90 N Geary. 30x120. John M Piconi to whom it may concern..Aug. 9, 1923
Aug. 9, 1923—N NATOMA AND Eighth NW 75xSE 275. Geo H Tay Co to Knittle-Cashel Co. Aug. 6, '23
Aug. 9, 1923—NW DELANO 154 S Ocean Ave. 26-8 x 100. D. Devencenzi to Debenedetti....Aug. 8, 1923
Aug. 9, 1923—COM. AT PT. OF INtersection of 17th Ave. & Cabrillo N along 17th Ave. 85 x E 32-6 Victor Gullmes to whom it may concern .....Aug. 6, 1923
Aug. 9, 1923—N CALIFORNIA 32-6 W 22nd Ave. W 25 x N 69. Ingeborg & Magnuson & Hulda Peterson to whom it may concern..... .....Aug. 6, 1923
Aug. 9, 1923—COMG. 87-6 S Potrero Ave and S 16th E 100xS 50. Jas & Wm Pappas to Henry J Le Blanc and Frank Weber.....Aug. 7, 1923
Aug. 11, 1923—NW FILBERT AND Laguna W 27 N 90. H C Barner to W J Black.....Aug. 11, 1923
Aug. 11, 1923—E STEINER 100 S Golden Gate Ave 37-6x76-6. Mary T O'Brien to whom it may concern .....Aug. 11, 1923
Aug. 11, 1923—S BRANNAN AND Butte Place. Azalia Lewenhaupt to Buschke & Brown....Aug. 3, 1923
Aug. 11, 1923—N SACRAMENTO 37-6 W Lyon W 75xN 102-8¼. Joseph Pasqualetti to whom it may concern.....Aug. 11, 1923
Aug. 13, 1923—N TURK 87-6 E Hyde E 50xN 137-6. Christopher C Miller to Van Emon Elevator Co.... .....Aug. 4, 1923
Aug. 13, 1923—W TWENTY-FIRST Ave 250 N Anza N 25xW 120. Emma Meyer to Klaus Adler..... .....Aug 11, 1923
Aug. 13, 1923—W SIXTEENTH AVE 125 S Judah S 25x W120. Walter H Yates and E A Cooke to W H Yates.....Aug. 8, 1923
Aug 13, 1923—E TWENTY-SEVENTH Ave 100 S alg said line 27th Ave 25 E 99-1⅜xN 9° 15' W 25-1⅝ to a pt. parl with Clement through pt of beg W parl with Clement 96-5½ to beg. Wm Spreen to W C Boswall .....Aug. 11, 1923
Aug. 13, 1923—E SIXTEENTH AVE 150 S Cabrillo S 25xE 127-6. Lawrence Marx to Frank Crothers..... .....May 18, 1923
Aug. 13, 1923—N FULTON 82-6 W Nineteenth Ave. John Little to whom it may concern..Aug. 11, 1923
Aug. 13, 1923—S HOWARD 162-6 NE Fourth 25x160. Milton D Lees to J M Johnson..... .....Aug. 6, 1923
Aug. 13, 1923—S ANZA 82-6 E 21st Ave E 25xS 100. John C Thomas to whom it may concern..... .....Aug. 13, 1923
Aug. 13, 192—NO. 2660 POLSOM. Bertha and Edwin Cupman to H J Le Blanc.....June 20, 1923
Aug. 13, 1923—LOT 5 BLK 3175. Westwood Park. Hans and Esther E Nelson to whom it may concern .....August 9, 1923
Aug. 13, 1923—N ARMY 25 W Hampshire 25x98; W Hampshire 98, 123. 14, 173 N Army 100x105; N Thomas Ave 82-6 E Keith 27-6x100. Wm H Grahn to whom it may concern... .....August 10, 1923
Aug. 13, 1923—N SACRAMENTO 200 W Franklin. Adolph Frick to whom it may concern..Aug. 11, 1923
Aug. 13, 1923—W CURTIS 425 N Morse. E J Hargrave to whom it may concern.....Aug. 9, 1923
Aug. 13, 1923—S HOWARD 162-6 N Fourth 25x160. Milton D Lees to J M Johnson.....Aug. 6, 1923
Aug. 13, 192—N FULTON 82-6 W 19th Ave. John Little to whom it may concern.....Aug. 11, 1923
Aug. 13, 1923—S ANZA 82-6 E 21st Ave. John C Thomas to whom it may concern.....Aug. 13, 1923
Aug. 14, 1923—E FORTY-FIFTH AV 50 S Balboa S 75 E 120 N 25 W 37-6 N 50 W 82-6 and W 44th Ave 50 S Balboa S 50xW 82-6. Meyer Bros to whom it may concern.May 11, 1923
Aug. 14, 1923—W TWENTY-FOURTH Ave 125 S Cabrillo S 25xW 120. Patrick J Feerick to whom it may concern .....Aug. 14, 1923
Aug. 14, 1923—N BALBOA 95 W 4th Ave N 100xW 25. Emma and John J Bender to J S Malloch..... .....Aug. —, 1923
Aug. 14, 1923—N DAY 106-10¾ E Church E 25-9¼xN 114. — Pasquale and wf Pasqualina Derenzi to whom it may concern.....— Aug. 14, 1923—LOT 25 x 120 E 21ST Ave 350 S Irving Lot 25x120. Fred Fiske to whom it may concern..... .....August 14, 1923
Aug. 15, 1923—W FORTIETH AVE. 150 N Balboa N 25 x W 120. Martin Smith to whom it may concern.. .....Aug. 15, 1923
Aug. 15, 1923—S SEVENTEENTH 250 W Church W 25 x S 85. Frank Schrick to Mager Bros...Aug. 14, 1923
Aug. 15, 1923—354-56-56A-58 ELEVenth St. Sol F. Meyer to H. J. Keneally .....Aug. 9, 1923
Aug. 15, 1923—W TWENTY-FIRST Ave. 230 S Cabrillo S 25 x 120. Joseph Burns to whom it may concern ..... Aug. 15, 1923
Aug. 15, 1923—W FORTY-SECOND Ave. 187-6 S Geary S 37-6 x W 120. Mary E. Hill to whom it may concern .....
Aug. 15, 1923—LOTS 9 AND 13 BLK "F" Mission Terrace Walter E Hansen to whom it may concern.. .....August 9, 1923
Aug. 15, 1923—E TWENTY-FOURTH Ave 210 S Cabrillo S 25xE 120. H O Lindeman to W R Lindeman..... .....August 15, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

Aug. 9. 1923—NW VAN NESS AVE. with N Bush N alg. W alg. W Van Ness Ave 60 x W 100. J. Pellegrini vs. P. E. Blalack and A. L. Stone $368.50
Aug. 9, 1923—N ANZA 50 E FORTYsixth Ave. E 28-5 x N 120. Reinhart Lumber & Planing Mill Co. vs A. G. Bennett $1194.96
Aug. 9, 1923—N ANZA 78.5 E FORTYsixth Ave. Reinhart Planing Mill Co. vs. A. G. Bennett $1124.86
Aug. 11, 1923—NW BUSH AND VAN Ness Ave. Joost Bros Inc. vs A L Stone and P E Blalack.....$219.57
Aug. 13, 1923—NW VAN NESS AVE and Bush N 60xW 100. Eureka Teaming Co vs A L Stone and P E Blalack $88.56
Aug. 13, 1923—W TWENTY-THIRD Ave 163-9 S Judah S 27-3xW 120. Charles V Lahtinen vs E D Conolley, Seth L Butler, H W Bode (as Spring Valley Lumber Yard) and H W Bode $298.33
Aug. 13, 1923—W TWENTY-THIRD Ave 136-6 S Judah S 27-3xW 120. Charles V Lahtinen vs E D Conolley, Seth L Butler, H W Bode (as Spring Valley Lumber Yard) and Seth L and Myrtle M Butler..$298.33
Aug. 13, 1923—W TWENTY-THIRD Ave 109-3 S Judah S 27-3xW 120. Charles V Lahtinen vs E D Conolley, Seth Butler, H W Bode (as Spring Valley Lumber Yard) and H W Bode $298.33
Aug. 14, 1923—W NINETEENTH 202-8 W Douglas W alg 19th to a pt where said 19th turns to NW direction NW alg said 19th 21-4-¾ to E line land conveyed to city and County of San Francisco by Anglo American Land Co. N 116-0⅛ to S line lands conveyed to City and County of San Francisco E 21 to E bdy line Clover Heights Tract S 6 E 4-S 114. Reinhart Lumber & Planing Mill Co. vs. James C. Gibson & Margaret E. Sutherlin.$1393.61
Aug. 4, 1923—COMG. 108 S CASELLI Ave and 703 W Douglass W & parl with Caselli ave 25 x S 92 to N 19th Being Ptn Lot 21 Clover Hts. Reinhart Lmbr & Plan. Mill Co vs James C. Gibson.....$1393.61
Aug. 14, 1923—COMG 108 S CASELLI Ave, & 678 W Douglass W & parl with Caselli Ave 25 x S 92 to N 19th Being Ptn Lot 21 Clover Hts. Reinhart Lmbr & Plan. Mill Co vs Jame•C Gibson $1393.61
Aug. 14, 1923—COMG 108 S CASELLI Ave and 653 W Douglass W & parl with Casselli Ave 25 x S 92 to N 19th Being Ptn Lot 22 Clover Hts. Reinhart Lmbr & Plan. Mill Co vs James C Gibson $1393.61
Aug. 14, 1923—COMG 108 S CASELLI Ave and dist 228 W Douglass W and parl with S Caselli Ave 25 x S 92 to N 19th Ptn Lots 22 and 23 Clover Hts. Reinhart Lmbr & Planing Co vs Jas C. Gibson.$1393.61
Aug. 14, 1923—COMG 108 S CASELLI Ave & 603 W Douglass W and parl with S Caselli Ave 25 x S 92 to N 19th Being ptn. Lots 23 & 24 Clover Hts. Reinhart Lmbr. & Planing Mill Co vs James C Gibson..$1393.61
Aug. 14, 1923—COMG. 108 S CASELLI Ave and 578 W Douglass W & parl with S Caselli Ave 25 x S 92 ptn Lots 24 and 25 Clover Hts. Reinhart Lmbr & Planing Mill Co vs James C Gibson $1393.61
Aug. 14, 1923—COMG. 108 S CASELLI Ave & Dist. 553 W Douglass W & parl with S Caselli 25 x S 92 to N 19th pt Lots 25 and 26 Clover Hts. Reinhart Lmbr & Planing Mill Co vs James C Gibson.....$1393.61
Aug. 14, 1923—N NINETEENTH 117 W 25-8 x S 114. Reinhard Lmbr & Planing Mill Co vs James C. & Florence E Gibson $1393.61
Aug. 14 ,1923—N NINETEENTH 121-4 W Douglas W 30 x N 114. Reinhart Lmbr & Planing Mill Co vs James C Gibson $2651.93
Aug. 14, 1923—N NINETEENTH 151⅛ W Douglas W 25-8 x N 114. Reinhart Lmbr & Planing Mill Co vs James C. & Florence E. Gibson $1393.61
Aug. 14, 1923—S BUSH 190 E PIERCE E 36-6 x S 137-6. J. H. Kruse vs Gus & Annie Berndt & George A. Williams $134.34
Aug. 15, 1923—S BUSH 190 E Pierce E 36-6xS 137-6. Chas Brown & Sons vs Gus and Annie Berndt and Geo. A. Williams $258.99
Aug. 15, 1923—NW MORSE 134 NE Lowell NE 25xNW 122 m or l to SE Mission. Pioneer Plate & Window Glass Co vs A M Tadwick and Chas Delmarter $43.80
Aug. 15, 1923—LOT 33 BLK 6533 fmly Block 31 H. A. descd: E Fair Oaks 160 S 25th 20x120. The Greater City Lumber Co. vs. Beatrice Mancha and J. T. Mancha.....$55.35
Aug. 15, 1923—S GEARY 132-6 W 28th Ave. 25 x 100. The Greater City Lumber Co. vs. Belle G. Nilson and Kate Plume.....$186.40
Aug. 15, 1923—E CHERRY 119-6¼ N Washington N 40 x E 117-9. August Dackert & Co. vs. A. L. Stone and Helen S. Levy.....$603

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Aug. 9, 1923—868-72 GEARY, E. H. Lancel as to improvements on property .....

LEASES

SAN FRANCISCO COUNTY

Aug. 13, 1923—SE JACKSON AND Jones No. 1456 Jones N O and wife Fannie Miller to Sarah E Cooke, 7 years.....$66,520

Aug. 13, 1923—W GUERRERO 240 S Fifteenth. Nicholas Fuchs to Percy Sheet Metal Works; 10 years $9000

BUILDING CONTRACTS

ALAMEDA COUNTY

$1000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt
656	Hogue	Butzke	4000
657	Bunker	Jones	3300
658	Kaelin	Stewart	5400
659	Kist	Roth	3750
660	Cushwa	Stanton	3000
661	Whitmore	Owner	1000
662	Tish	Owner	4500
663	Lane	Wise	2500
664	Bosio	Brennan	5600
665	Crawford	Owner	2500
666	Speed	Owner	2000
667	Oakland	Christensen	2500
668	Stahl	Owner	4500
669	Prescooti	Cretchet	6000
670	Olsen	Trammal	16800
671	Turay	Owner	3500
672	Waldrop	Owner	4000
673	Balsdon	Bradhoff	27600
674	Pearl	Nall	4000
675	Monk	Fernstrom	3500
676	Warrends	Owner	1500
677	Maron	Owner	3500
678	Swicke	Goodrich	6500
679	Niclaus	Owner	5800
680	Tonjes	Meqers	2250
681	Goetze	Graham	5000
682	Hulme	Grubb	4000
683	Pfrang	Owner	6000
684	Wilson	Owner	4500
685	Cisero	Owner	3000
686	California	Brown	1025
687	McCausland	Owner	3000
688	Silvia	Owner	10000
689	Reis	Flittner	3820
690	Brandenstein	Kingred	1200
691	Rosentreter	Owner	1800
692	Owens	Owner	3200
693	Zerwer	Owner	2000
694	Eureka	Warner	1000
695	Clark	Pratt	5000
696	Healy	Owner	1000
697	Reis	Flittner	3820
698	Bowers	Johnson	4500
699	Brown	Almquist	5000
700	Sandin	Owner	1000
701	Trent	Johnson	1000
702	Woodburn	Owner	5000
703	Brown	Stenbro	3000
704	Otto	Isaakson	3800
705	Gore	Owner	1800
706	Haugen	Owner	3500
707	Veris	Wilson	4700
708	Manhan	Houson	5000
709	Rehagliati	Anderson	3000
710	Radke	Anderson	3800
711	Mulligan	Owner	1900
712	Duheim	Duheim	6000
713	Brick	Foreman	3000
714	Carlisle	Owner	2500
715	Cal.	Owner	16000
716	Field	Hopper	34750
717	Lield & Lee	Hyman	34750
718	S. P.	Hitchinson	——
719	Stover	Younger	——
720	Beebe	Scott	4000
721	Jordan	Owner	3500
722	California	Owner	2500
723	Behrens	Owner	3000
724	Nichols	Betz	2000
725	Seagrave	Cederborg	14000
726	McIntosh	Owner	5300
727	Harris	Malley	9000
728	Kuehn	Trysper	6600
729	Peppin	Owner	5000
730	Thompson	Owner	9000
731	Collens	Owner	2000
732	Brooks	Langum	1359
733	Beno	Peterson	1500
734	Hayes	Bokalind	1200
735	Hustead	Owner	2500
736	Reeves	Taylor	2000
737	Hurne	Wallen	1375
738	Mills	Owner	1500
739	Vanderpool	Owner	1500
740	Snow	Dutra	4200
741	Clement	Hewitt	2675
742	Brown	Ballard	1000
743	Matthews	Anderson	6000
744	Potter	Owner	3000
745	Moore	Nibel	3200
746	Gastman	Owner	6000
747	Anderson	Owner	1000
748	Kaufman	Owner	1000
749	Holmes	Wright	2443
750	Hayden	Smith	6000
751	Sterling	Owner	1000
752	Porcella	Pickrell	4000
753	Harnigsberger	Constable	6165
754	Blackman	Ward	2500
755	Rodgers	Owner	1200
756	Foley	Hovey	3500
757	Trasler	Perry	3500
758	Graham	Owner	3000
759	Bradley	Bradley	3000
760	Hazeltine	Matteson	1200
761	Hillis	Adams	6000
762	Matheyer	Matheyer	3000
763	Pfrang	Owner	18000
764	Dunne	Owner	11000
765	Oakland	Heyer	45000
766	Fabiola	Pedgrift	2055
767	Same	Leland	9138

DWELLING
(3656) NO. 1173 SUTTER ST., Berkeley. One-story 5-room dwlg.
Owner—Miss Edna Hogue, 1037 High Court, Berkeley.
Architect—None.
Contractor — O. H. Butzke, 1315 66th St., Berkeley. $4000

DWELLING
(3657) NO. 1151 SHATTUCK AVE., Berkeley. Two-story 5-room dwlg.
Owner—Paul E. Bunker, 1913 Woolsey St., Berkeley.
Architec —None.
Contractor — Cornelius Jones, 1723 Curtis St., Berkeley. $3300

DWELLING
(3658) NO. 27 DOMINGO, Berkeley. One-story 5-room dwelling.
Owner—A. Kaelin, 591 41st St., Okd.
Architect—None.
Contractor—B. A. Stewart, 668 Brookwood St., Berkeley. $5400

DWELLING
(3659) NO. 1516 WILLOW ST., Alameda. One-story 5-room dwlg.
Owner—A. Kist.
Architect—None.
Contractor—Conrad Roth. $3750

DWELLING
(3650) NO. 2124 PACIFIC AVE., Alameda. One-story 6-room dwlg.
Owner—C. R. and A. G. Cushwa, 2126 Pacific Ave., Alameda.
Architect—None.
Contractor—W. B. and H. A. Stanton, 2412 Channing Way, Berkeley.$3000

ALTERATIONS
(3661) NO. 2255 CENTRAL AVE., Alameda. Alterations.
Owner—C. D. Whitmore, Premises.
Architect—None. $1000

DWELLING
(3662) 2307 EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—L. C. Fish, 2453 Park Blvd., Oakland.
Architect—None. $4500

Diamonds—

Every One Blue-White

This firm handles only brilliant, flashing blue-white stones—the finest obtainable.

Liberal terms extended to persons permanently established and with a good reputation for paying their bills.

The Albert S. Samuels Co. JEWELERS

33 Kearny 895 Market

DWELLING
(3663) 6424 FOOTHILL BLVD., Oakland. 1-story 4-room dwelling.
Owner—Chas. C. Lane, 25 3rd St., San Francisco.
Architect—None.
Contractor—M. F. Wise, 3428 Chestnut St., Oakland. $2500

DWELLING
(3664) N HOLMAN RD. 382 E Matthews Ave., Oakland. 1-story 5-rm. dwelling.
Owner—C. A. Bosio, 1771 Evers Ave., Oakland.
Architect—None.
Contractor — Thos. F. Brennan, 1059 Warfield Ave., Oakland. $5600

DWELLING
(3665) 2386 E-TWENTY - SEVENTH St., Oakland. 1-story 4-room dwlg.
Owner—M. E. Crawford, premises.
Architect—None. $2500

DWELLING
(3666) W ONE HUNDRED FIFTH AV. 700 S Knight St., Oakland. 1-story 4-room dwelling.
Owner—E. T. Speed, 337 105th Ave., Oakland.
Architect—None. $2000

ADDITION
(3667) S THIRTIETH ST. 150 E-West St., Oakland. 1-story brick addition.
Owner—Oakland Laundry.
A chitect—None.
Contractor—H. Christensen, 17th and Telegraph, Oakland. $2500

DWELLING
(3668) S CAVANAUGH 50 W Creed Rd Oakland. 1-story 6-room dwelling.
Owner—Stahl Bros., Central Bank Bldg. Oakland.
Architect—None. $4500

DWELLING
(3669) W CHURCH ST. 250 S Foothill Blvd., Oakland. 1-story 8-room 2-family dwelling.
Owner—Elizabeth Prescott, 1812 13th Ave., Oakland.
Architect—None.
Contractor—Hart & Critchet, 139 Grand Ave., Oakland. $6000

APARTMENTS
(3670) SE COR. GARLAND & FAIRmount, Oakland. 2-story 12-room apartments and garage.
Owner—L. Olsen, Concord.
Architect—None.
Contractor—Trammal & Bradhoff, 483 Crescent St., Oakland. $16,800

DWELLING
(3671) W EIGHTY-THIRD AVE. 120 S Birch, Oakland. 1-story 5-room dwelling.
Owner—C. J. Furay, 1759 83rd Ave., Oakland.
Architect—None. $3500

DWELLING
(3672) N MONTECELLO AVE. 81 E Walnut Ave., Oakland. 1-story 5-room dwelling.
Owner—J. W. Waldrop, 1826 39th Ave., Oakland.
Architect—None. $4000

DWELLING
(3673) PTN. BLK 1 HOTEL CLAREmont Tract, Berkeley Map No. 2, Berkeley. Two-story and basement frame dwelling.
Owner—J. H. Balsdon, Colusa, Calif.
Architect — Clarence A. Tantau, 251 Kearney St., San Francisco.
Contractor—C. O. Bradhoff & E. Tranmal, 483 Crescent St., Oakland.
Filed Aug. 9, 1923. Dated Aug. 6, 1923.

Rough floor laid on 1st floor joists	$6900
Brown coated	6900
Completed and accepted	6900
Usual 35 days	6900
TOTAL COST,	$27,600

Bond, $14,000; Sureties, F. E. Nelson; Forfeit, none; Limit, Dec. 22; Plans and specifications filed.

LAUNDRY
(3674) NO. 989 FORTY-FIRST, Oakland. One-story brick laundry.
Owner—Pearl Laundry Co., 979 41st St., Oakland.
Architect—None.
Contractor—Geo. Nall, 930 41st St., Oakland. $4000

DWELLING
(3675) E WOODRUFF AVE 200 N E-38th St., Oakland. One-story 5-room dwelling.
Owner — J. L. Monk, 27 Linda Ave., Oakland.
Architect—None.
Contractor C. V. Fernstrom, 3516 Laguna Ave., Oakland. $3500

ALTERATIONS
(3676) NO. 2755 VALLECITO PLACE, Oakland. Alterations.
Owner—H. V. Arrends, Premises.
Architec —None. $1500

DWELLING
(3677) NO. 2618 NINTH AVE., Oakland. One-story 5-room dwlg.
Owner—T. W. Moran, Plaza Bldg., Okd.
Architect—None. $3500

DWELLING
(3678) N BOND 130 W Fairfax Ave., Oakland. One-story store and dwlg.
Owner—M. Swicke.
Architect—None.
Contractor—D. H. Goodrich, 2923 Newberry St., Berkeley. $6500

STORES
(3679) NE HOPKINS AND MAPLE Ave., Oakland. One-story 4-room stores.
Owner—Henry Nicolaus, 355 12th St., Oakland.
Architect—None. $5800

DWELLING
(3680) NO. 4410 VIRGINIA ST., Oakland. One-story 4-room dwelling
Owner—H. Tonjes, 4418 Virginia Ave., Oakland.
Architect—None.
Contractor—W. J. Myers, 3340 High St., Oakland. $2250

DWELLING
(3681) NO. 1860-62 FORTIETH AVE., Oakland. One-story 5-room 2-family dwelling.
Owner—F. W. Goetze, 1626 High St., Oakland.
Architect—None.
Contractor—C. H. Graham, 1607 High St., Oakland. $5000

DWELLING
(3682) N CALMAR AVE 900 W Paloma Oakland. One-story 5-room dwlg.
Owner—G. C. Hulme, 519 Merritt Ave., Oakland.
Architect—None.
Contractor—Jas. B. Grubb, 601 Hobart St., Oakland. $4000

DWELLING
(3683) S ROCKRIDGE BLVD. 200 E Broadway, Oakland. One-story 6-room dwelling.
Owner — C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $6000

DWELLING
(3684) E MADERA AVE 238 S Birdsall, Oakland. One-story 6-room dwelling.
Owner—W. B. Wilson, 2440 Damuth St. Oakland.
Architect—None. $4500

DWELLING
(3685) E MARKET 167 N 40th St., Oakland. One-story 5-room dwlg.
Owner— Cisero & Raineri, 458 42nd St., Oakland.
Architect—None. $3000

REPAIRS
(3686) SW SIXTEENTH AND WOOD, Oakland. Repairs.
Owner—California Door Co., Premises.
Architect—None.
Contractor—H. C. Brown Roofing Co., 3267 San Pablo Ave., Oakland. $1025

DWELLING
(3687) W FIFTY-EIGHTH AVE 150 S E-14th St., Oakland. One-story 5-room dwelling.
Owner—Martha McCausland, 2825 61st Ave., Oakland.
Architect—None $3000

FLATS
(3688) NO. 1649 FIFTH AVE., Oakland. Two-story 13-room flats.
Owner—J. G. Silvia, 217 E-16th St., Oakland.
Architect—None. $10,000

DWELLING
(3689) LOT 13 BLK 7 MAP BOULEvard Park, Oakland. 1-story 5-room dwelling.
Owner—Frank O. & Rose M. Reis, 3442 Haven St., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave Oakland.
Filed Aug. 11, 1923. Dated Aug. 9, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST. $3820
Bond, Sureties, none; Bonus $2 day; Forfeit, $5 day; Limit, 70 days from Aug. 13; Plans and specifications filed.

GARAGE
(3690) 2110½ ASHBY AVE., Berkeley. Garage.
Owner—Brandenstein, S. F.
Architect—None.
Contractor—J. T. Kingrea, 4116 Terrace St., Oakland. $1200

DWELLING
(3691) 1922 FIFTH ST., Berkeley. 1-story 5-room dwelling.
Owner—G. Rosentreter, 1918 5th St., Berkeley.
Architect—None. $1800

DWELLING
(3692) 1225 WARD ST., Berkeley. 1-story 5-room dwelling.
Owner—W. W. Owens, 2761 Park St., Berkeley.
Architect—None. $3200

DWELLING
(3693) 1524 TYLER ST., Berkeley. 1-story 5-room dwelling.
Owner—Fred Zerwer, 1508 Tyler, Berkeley.
Architect—None. $2000

SHED
(3694) 3615 E-FOURTEENTH ST Oakland. Shed.
Owner—Eureka Mill & Lbr. Co.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland Ave., Oakland. $1000

FLATS
(3695) SE COR. LOS ANGELES AND 57th Sts., Oakland. 2-story 8-room flats.
Owner—F. E. Clark, 1st Natl. Bank Bldg., Oakland.
Architect—None.
Contractor—C. A. Pratt, 1305 Filbert St Oakland. $5000

ADDITION
(3696) 486 FORTIETH ST., Oakland. Addition.
Owner—P. J. Healy, 39 Nace Ave., Piedmont.
Architect—None. $1000

DWELLING
(3697) 2045 THIRTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Frank Reis, 3442 Haven St., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave Oakland. $3820

DWELLING
(3698) 675 FAIRMOUNT AVE., Oakland 1-story 4-room dwelling.
Owner—Toles & Bowers, premises.
Architect—None.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $4500

DWELLING
(3699) S FOOTHILL BLVD. 150 E 51st Ave., Oakland. 1-story 5-room dwlg
Owner—T. W. J. Brown, 873 Willow St., Oakland.
Architect—None.
Contractor—John Almquist, Box 767 R. F. D. No. 1, Oakland. $5000

DWELLING
(3700) N VALENTINE ST. 400 E Columbia Drive, Oakland. 1-story 3-room dwelling.
Owner—Geo. W. Sandln.
Architect—None. $1000

DWELLING
(3701) NE COR. VALENTINE & CIRcle Drive Rd., Oakland. 1-story 3-room dwelling.
Owner—T. R. Trent.
Architect—A. Johnson. $1000

DWELLING
(3702) S CLARENDON CRESCENT 1500 W Mandana Blvd., Oakland. 1-story 6-room dwelling.
Owner—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. $5000

DWELLING
(3703) 1441 E THIRTY-SIXTH ST., Oakland. 1-story 5-room dwelling.
Owner—Chas. F. Brown, 1707 Broadway Oakland.
Architect—None.
Contractor—A. Stenbro, 1707 Broadway, Oakland. $3000

DWELLING
(3704) 5134 CONGRESS AVE., Oakland 1-story 5-room dwelling.
Owner—Capt. Otto Olson.
Architect—None.
Contractor—Isaacson & Sons, 3060 Dell view, Oakland. $3800

DWELLING
(3705) 3539 MEADOW ST., Oakland 1-story 4-room dwelling.
Owner—K. & L. Gore, premises.
Architect—None. $1800

DWELLING
(3706) 4001 EVERETT AVE., Oakland 1-story 6-room dwelling.
Owner—Minnie M. Haugen, 621 52nd St., Oakland.
Architect—None. $3500

DWELLING
(3707) SW COR. FIFTY-SIXTH AVE & E-15th St., Oakland. 1-story 6 room 2-family dwelling.
Owner—Mrs. M. M. Veirs, 8527 E-14th St., Oakland.
Architect—None.
Contractor—T. J. Wilson, 1458 85th Ave Oakland. $470

DWELLING
(3708) NE COR. LIMWOOD & EVERS Ave., Oakland. 2-story 7-room dwl
Owner—A. G. Manhan, 3726 Linwood Ave., Oakland.
Architect—None.
Contractor—G. W. Houson, 1870 38th Ave., Oakland. $500

DWELLING
(3709) 3036 MONTANA ST., Oakland 1-story 5-room dwelling.
Owner — F. Relaghoti, 3105 Boehme Oakland.
Architect—None.
Contractor—A. Anderson. $300

DWELLING
(3710) 3807 BROOKDALE AVE., Oakland. 1-story 5-room dwelling.
Owner—A. Radke, 3803 Brookdale, Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florid Oakland. $380

DWELLING
(3711) E EIGHTY-FIRST AVE. 120 Holly, Oakland. One-story 4-roo dwelling.
Owner—J. J. Mulligan, 1142 82nd Ave Oakland.
Architect—None. $19

DWELLING
(3712) 3461 3467 3473 DAVIS ST., Oakland. 3 1-story dwellings.
Owner—Julio A. Duheim, 700 Hayes S San Francisco.
Architect—None.
Contractor—V. L. Duheim, 2105 38 Ave., Oakland. $3000 ea

DWELLING
(3713) W SIXTY-FIRST AVE. 200 E-14th St., Oakland. 1-story 5-roo dwelling.
Owner—Patrick Brick, 1347 61st Ave Oakland.
Architect—None.
Contractor — Foreman & Mogk, 44 Pampas, Oakland $30

DWELLING
(3714) W EIGHTY-SECOND AVE. S Foothill Blvd., Oakland. 1-sto 5-room dwelling.
Owner—Geo. E. Carlisle, 1957 Frankl St., Oakland.
Architect—None. $25

WAREHOUSE
(3715) W LIVINGSTON & TWENT second Ave., Oakland. 1-sto. war house, brick.
Owner—Cal. Cotton Mills Co.
Architect—None. $16,0

ARTMENTS
16) E GROVE ST. 170 N 36th St., Oakland. 2-story 14-room apartments.
ner—Antonio Rinella, 3620 Grove St. Oakland.
chitect—None. $12,000

RAGE
17) W THIRTY-SIXTH AVE. 100 S E-14th St., Oakland. 2-story concrete garage.
ner—Field & Lee.
chitect — Hyman & Appleton, Foxcroft Bldg., S. F.
ntractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $34,750

ANK CROSSING
18) TWENTY-NINTH AVE., Oakland. All work for plank and concrete crossing.
ner—Southern Pacific Co.
chitect—None.
ntractor—Hutchinson Co., Hutchinson Bldg., Oakland.
ed Aug. 13, '23. Dated July 31, '23.
Each month 75%
Usual 35 days..... 25%
TAL COST—planking, 14c sq. ft.; concrete, 21c sq. ft.; asphaltum, 2¾c sq. ft.; excavation, 1.80 per cu. yd.
nd, $771. Surety, Globe Indemnity Limit, 30 days. Forfeit, none. ns and specifications filed.

ORE BLDG.
19) COLLEGE AVE nr. Ashby Ave. Berkeley. All work for one-story concrete store building.
ner—Mrs. A. Stover, San Luis Obispo Calif.
chitect—W. H Weeks, 369 Pine St., San Francisco.
ntractor—E. L. Younger, Woodland, Calif.
ed Aug. 13, '23. Dated ——.
TOTAL COST, $——
nd, none. Limit, none. Plans and ecifications only filed.

VELLING
20) NO. 1650 TYLER, Berkeley. One-story 3-room hollow tile dwlg.
ner—Thos. D. Beebe, Premises.
chitect—None.
ntractor—G. A. Scott, 685 23rd St., Berkeley. $4000

VELLING
21) NO. 1532 TACOMA, Berkeley. One-story 5-room dwelling.
ner—M. Jordan, 5844 Broadway, Oakland.
chitect—None. $3500

ILER HOUSE
22) NO. 2110 FOURTH ST., Berkeley. One-story brick boiler house
ner—California Nut Products Co., Premises.
chitect—None. $2500

VELLING
23) NO. 1401 DERBY ST., Berkeley One-story 5-room dwelling (concrete blocks).
ner—Ferdinand Behrens, Premises.
chitect—None. $3000

VELLING
24) NO. 1345 BERKELEY WAY, Berkeley. One-story 3-room dwlg.
ner—W. W. Nichols.
chitect—C. C. Dakin, 2961 Pine Ave., Berkeley.
ntractor—A. G. Betz, 1815 Acton St., Berkeley. $2000

VELLING
25) 432 BELLE VUE AVE, Piedmont. 2-story 9-room dwelling and garage.
ner—W. H. Seagrave, 618 Moraga Rd., Oakland.
chitect—None.
ntractor—A. Cederborg, 1445 Excelsior Ave., Oakland. $14,000

SIDENCE
26) 128 WILDWOOD AVE., Piedmont. 1-story 6-room residence and garage.
ner—R. W. McIntosh, 132 Wildwood Ave., Piedmont.
chitect—None. $5300

SIDENCE
27) 111 FLORIDA AVE., Piedmont 1-story 7-room residence and gar.
ner—Myron Harris, Easton Bldg., Oakland.
Architect—None.
Contractor—F. T. Malley, 900 Lakeshore Ave., Oakland. 79000

RESIDENCE
(3728) 122 GREENBANK AVE., Piedmont. 1½-story 7-room residence and garage.
Owner—Mrs. M. F. Kuehn, 1817 Woolsey St., Oakland.
Architect—Fred M. Tupper, 2310 Russell St., Berkeley.
Contractor—Fred M. Tupper, 2310 Russell St., Berkeley. $6600

DWELLINGS
(3729) 560 & 562 BOULEVARD WAY, Piedmont. 2 1-story 6-room dwellings and garages.
Owner—J. B. Pippin, 851 Trestle Rd., Piedmont.
Plans by owner. $5000 each

DWELLINGS
(3730) E MORAGA AVE 132 169 207 N Pleasant Valley Ave., Oakland. 3 1-story 5-room dwellings.
Owner—E. L. Thompson, 545 17th St., Oakland.
Architect—None. $3000 ea

ADDITION
(3731) 7630 FOOTHILL BLVD., Oakland. Addition.
Owner—D. H. Collins, 1425 54th Ave., Oakland.
Architect—None. $2000

ADDITION
(3732) 1083 LAKESHORE AVE., Oakland. Addition.
Owner—B. M. Brooks, 1018 Lakeshore Ave., Oakland.
Architect—None.
Contractor—C. G. Langum, 5536 Hermosa Ave., Oakland. $1359

ALTERATION
(3733) 1544 THIRTY-FIFTH AVE., Oakland. Alteration.
Owner—J. Bino, premises.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $1500

ADDITION
(3734) 2413 ONE HUNDRED NINTH AVE., Oakland. Addition.
Owner—Mrs. L. C. Hayes, premises.
Architect—None.
Contractor—Chris Bokalind, 1343 51st Ave., Oakland. $1200

DWELLING
(3735) N TAYLOR AVE 150 W Scott St., Oakland. 1-story 5-room dwlg.
Owner—C. F. Hustead, premises.
Architect—None. $2500

DWELLING
(3736) N FULLERTON ST 135 W Maybelle, Oakland. 1-story 4-rm. dwlg.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None.
Contractor—W. C. Taylor, 1901 69th Av Oakland. $2000

ALTERATION
(3737) 1825 E-FOURTEENTH ST., Oakland. Alteration.
Owner—Louis Hurne, premises.
Architect—None.
Contractor—Peter Wallin, 4628 Dolores Ave., Oakland. $1375

DWELLING
(3738) W PEARMAIN ST. 87 E Stone Ave., Oakland. 1-story 3-room dwlg

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Owner—Geo. Mills, 4420 Commerce St. Oakland.
Architect—None. $1500

DWELLING
(3739) W SEVENTY-FIFTH AVE. 300 S Hawley, Oakland. 1-story 4-room dwelling.
Owner—J. Vanderpool, 1710 104th Ave., Oakland.
Architect—None. $1500

DWELLING
(3740) E ELSTON AVE 50 N E-38th St., Oakland. 1-story 5-room dwlg.
Owner—M. M. Snow, 1387 8th St., Oakland.
Architect—None.
Contractor—A. V. Dutra, 962 55th St., Oakland. $4200

DWELLING
(3741) W SEVENTY-THIRD AVE. 150 N Rudsdale, Oakland. 1-story 4-room dwelling.
Owner—Harry Clement, 1223 73rd Ave., Oakland.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th St., Oakland. $2675

ALTERATION
(3742) 722 FRANKLIN ST., Oakland. Alteration.
Owner—A. F. Brown, 733 Wesley Ave., Oakland.
Architect—None.
Contractor—J. C. Ballard, 2628 13th Av. Oakland. $1000

DWELLING
(3743) LOT 1 BLK 5 SOUTH LAKESHORE Glen, Oakland. All work for 6-room dwelling and garage.
Owner — Mrs. John B. Matthews, 8 Spring Ave., Piedmont.
Architect—Edward Bruce McCollum & Herbert M. Crane, 2333 Broadway, Oakland.
Contractor—August Frederick Anderson.
Filed Aug. 14, 1923. Dated Aug. 11, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $6000
Bond, $6000; Sureties, Nils Anderson; Forfeit, $10 day; Limit, 90 days; Plans and specifications filed.

DWELLING
(3744) 1536 LINCOLN, Berkeley. 1-sto. 5-room dwelling.
Owner—A. W. Potter, 4025 Agua Vista Ave., Oakland.
Architect—None. $3000

DWELLING
(3745) 1515 HOPKINS ST., Berkeley. 1-story 5-room dwelling.
Owner—W. H. Moore.
Architect—None.
Contractor—Geo. S. Nibel, 1609 Stuart St., Berkeley. $3200

DWELLING
(3746) 900 CONTRA COSTA RD, Berkeley. 2-story 7-room dwelling.
Owner—H. H. Gastman, 1263 Euclid Ave., Berkeley.
Architect—None. $6000

SERVICE STATION
(3747) NE COR. BLAKE AND SAN Pablo, Berkeley. 1-story hollow tile service station.
Owner—Anderson & Cadwell, 2745 Wallace St., Berkeley.
Architect—None. $1000

SERVICE STATION
(3748) SE COR PARKER & SAN PABlo, Berkeley. 1-story service station.
Owner—Henry N. Kaufman, 2835 10th St., Berkeley.
Architect—None. $1000

FIRE REPAIRS
(3749) 1214-16-18 SEVENTH STREET Oakland. Fire repairs.
Owner—R. A. Holmes, premises.
Architect—None.
Contractor—Curtis Wright, 2711 Telegraph Ave., Berkeley. $2443

DWELLING
(3750) S LOGAN ST. 280 W Fruitvale Ave., Oakland. 2-story 7-room dwlg.
Owner—W. G. Hayden, 1522 Harrison St., Oakland.
Architect—None.
Contractor—George Smith, 3315 E-23rd St., Oakland. $6000

DWELLING
(3751) SE COR. STERLING DRIVE & Columbia Drive, Oakland. 1-story 4-room dwelling.
Owner—Wm. Sterling, Box 744 R. F. D. No. 1, Oakland.
Architect—None. $1000

DWELLING
(3752) E JONES AVE. 100 S C ST., Oakland. 1-story 6-room dwelling.
Owner—Marie Porcella, 696 Nevada St. Oakland.
Architect—None.
Contractor—J. H. Pickrell, 696 Nevada St., Oakland. $4000

DWELLING
(3753) N BROOKLYN AVE. 40 E Hanover, Oakland. 1-story 8-room 2-family dwelling and garage.
Owner—Mabel Harnigsberger 2669 Valdez St., Oakland.
Architect—None.
Contractor — W. C. Constable, 3306 School St., Oakland. $6165

DWELLING
(3754) W SIXTY-FOURTH AVE. 34 S Harmon Ave., Oakland. 1-story 4-room dwelling.
Owner—E. L. Blackman, 4221 E-14th St., Oakland.
Architect—None.
Contractor—Percy Ward, 4016 Lyon Av. Oakland. $2500

ADDITION
(3755) 1120 FIFTY-EIGHTH AVE., Oakland. Addition.
Owner—Jack Rodgers, premises.
Architect—None. $1200

DWELLING
(3756) N TEXAS ST. 115 W Maple, Oakland. 1-story 5-room dwelling.
Owner—J. E. Foley, 3145 Peralta Ave., Oakland.
Architect—None. $3500

DWELLING
(3757) W. PARK BLVD. 200 S San Luis Ave., Oakland. 1-story 5-room dwelling.
Owner—R. Trasler.
Architect—None.
Contractor — J. F. Perry, 326 Santa Clara Ave., Oakland. $3500

DWELLING
(3958) 4201 E-SIXTEENTH ST., Oakland. 1-story 5-room dwelling.
Owner—C. H. Graham, 1607 High St., Oakland.
Architect—None. $3000

ADDITION
(3759) 1028 E-TWENTY-EIGHTH ST. Oakland. Addition.
Owner—Martha Bradley, 1022 E-28th St., Oakland.
Architect—None.
Contractor—J. E. Bradley, 1022 E-28th St., Oakland. $3000

ADDITION
(3760) 2918 CAPP ST., Oakland. Addition.
Owner—L. R. Hazeltine.
Architect—None.
Contractor—E. T. Matteson, 3929 Laguna Ave., Oakland. $1200

DWELLINGS
(3761) S PEARMAIN ST. 45-53 W Blenheim St., Oakland. 2 1-story 5-room dwellings.
Owner—Wm. Hillis, 926 Folsom St., San Francisco.
Architect—None.
Contractor—F. E. Adams Co., 1502 55th Ave., Oakland. $3000 each

DWELLING
(3762) N REDDING 35 E Maybelle Ave., Oakland. One-story 5-room dwelling.
Owner—Jennie Matheyer, 1369 Hopkins St., Oakland.
Architect—None.
Contractor—T. B. Matheyer Co., 1369 Hopkins St., Oakland. $3000

DWELLINGS
(3763) E ROCKRIDGE BLVD 500 N Lawton Ave., Oakland.
SW LAWTON AND MENDOCINO, Oakland.
E BROADWAY 250 N Lawton Ave., Oakland. Three one-story 7-room dwellings.
Owner—H. C. Pfrang, 5657 Ocean View Drive, Oakland.
Architect—None. $6000 each

FACTORY
(3764) SW FORTY-FIRST AND LINden, Oakland Two-story factory.
Owner — Frank W. Dunne, St. Marks Hotel, Oakland.
Architect—Voorhees, 1829 West St., Oakland. $11,000

BANK
(3765) SE TWENTY-THIRD AVE & E-14th St., Oakland. One-story brick and concrete bank.
Owner—The Oakland Bank, 12th and Broadway, Oakland.
Architect—Reed & Corlett, Oakland Bank Bldg., Oakland.
Contractor—Chas. W. Heyer Jr., Mills Bldg., San Francisco. $45,000

ALTERATIONS
(3766) N MOSS AVE, bet. Howe St. and Broadway, Oakland. Move tank and extend boiler house.
Owner—Fabiola Hospital Ass'n., Prem.
Architect—Hunter & Hudson, Rialto Bldg., San Francisco.
Contractor—James H. Pedgrift, 351 12th St., Oakland.
Filed Aug. 15, '23. Dated Aug. 6, '23.
On 1st day of each month.... 75%
Usual 35 days% 25%
TOTAL COST, $2055
Bond, $1028. Surety, Globe Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

(3767) BOILERS ON ABOVE.
Contractor—Walter S. Leland, Balboa Bldg., San Francisco.
Filed Aug. 15, '23. Dated July 20, '23.
Both boilers delivered.....$3500.00
1st boiler completed..... 1800.00
2nd boiler completed..... 1553.50
35 days after first boiler completed 1142.25
35 days after 2nd boiler completed 1142.25
TOTAL COST, $9138.00
Bond, $4569. Surety, Royal Indemnity Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Aug. 9, 1923—S ½ LOT 8 and Lot 7 Blk 7 Map Thousand Oaks, Berkeley. Lela L Hand to Roy O Long Co.....Aug. 9, 1923
Aug. 9, 1923—NO. 2715 FIFTY-FIFTH Ave, Oakland. A E Orton to whom it may concern.....Aug. 9, 1923
Aug. 9, 1923—S FLEMING AVE No. 5407, Oakland. A E Orton to whom it may concern.....Aug. 9, 1923
Aug. 9, 1923—LOT 16 BLK 17. Lake Shore Highlands, Oakland. Nelle E Saunders to Cox Bros...Aug. 6, 1923
Aug. 9, 1923—NO. 2912 FORIDA ST., Oakland. Burdette Elias to C J Rheberg.....Aug. 8, 1923
Aug. 9, 1923—W 40 LOT 26 and E 5.44 Lot 25 Blk 1 Map East Piedmont Heights. Oakland. G W Muther to whom it may concern.. .....Aug. 8, 1923
Aug. 9, 1923—LOT 8 Lakeland Tract, Oakland. Robert D Grimes to whom it may concern..July 20, 1923
Aug. 11 1923—LOT 11 BLK 2. Brookdale Terrace, Oakland. Henry P Smith to C F Lodge....Aug. 11, 1923
Aug. 11, 1923—EMERYVILLE. S P Co to Hutchinson Co....Aug. 7 1923
Aug. 11, 1923—SE TWENTY-THIRD and Telegraph Ave E 100xS 25, Oakland. R E McMann and Mabel Akers to whom it may concern.... .....Aug. 11, 1923
Aug. 11, 1923—DURANT AND ELLSworth, Berkeley. S P Co to Hutchinson Co.....Aug. 6, 1923
Aug. 9, 1923—E FORTY-SIXTH AVE 105 S Bond, Oakland. James H Smith to California Builders Co.... .....Aug. 8, 1923
Aug. 13, 1923—S FLEMING AVE 100 E Courtland Ave. Oakland. Marie Legg to E L Dashiell...Aug. 13, 1923
Aug. 13, 1923—LOT 13 BLK 10 Map Broadmoor, San Leandro. H E Pocock to J B Petersen...Aug. 7, 1923
Aug. 13, 1923—LOT 1 BLK "H" Map Grand Ave Heights (By-the-Parks) Oakland. Maude Baker, administrator Estate A W Baker to J F Maganini.....Aug. 9, 1923
Aug. 14, 1923—NO. 9315 E-FOURteenth, Oakland. John E and Clara D Ulrich to Chester A Gossett.... .....August 13, 1923
Aug. 14, 1923—PTN LOTS 14 AND 15 Blk 4, Map Thousand Oaks, Berkeley. Leslie J Jackson to whom it may concern.....
Aug. 14, 1923—LOT 11 BLK 6, Map Northrae, Berkeley. F L Boissonnault to whom it may concern... .....August 11, 19
Aug. 14, 1923—LOTS 9 BLK 9, Lot 23 Blk 7, Lot 42 Blk 7, Lot 42 Blk 3, Hollywood, San Leandro. S Victor Davidow to R E Neikerk..... .....August 13, 19
Aug. 14, 1923—E 10 LOT 36 and all Lot 37 Blk "A" Subdivision Weld Tract, Oakland Clarence A Shipman to whom it may concern.... .....Aug. 1, 19
Aug. 14, 1923—LOTS 30 AND 31 Chevrolet Park Tct. Oakland. Clarence A Shipman to whom it may concern.....Aug. 5, 19
Aug. 15, 1923—N FORTIETH 568 W Webster, Oakland. Jane B Cronin to Harry C Knight.....July 25, 19
Aug. 15, 1923—S AFGAR 100 E Market, Oakland. Miss M D Barty to whom it may concern..Aug. 11, 19
Aug. 15, 1923—E TELEGRAPH AVE 100.00 N Sixty-third E 91.80 S 38 SW to pt 107 E Telegraph Ave W 107 N 44.90 Oakland. I H Cook to California Builders Co..... .....August 14, 19
Aug. 15, 1923—LOT 11 BLK "G" Waterside Terrace. Alameda. Dr. F J McQuaid and Vincent E Speers to whom it may concern.Aug. 11, 19
Aug. 15, 1923—LOT 3 BLK "B" Orland Heights Oakland. Esther E Bothelo to Dimond Home Builders .....August 15, 19
Aug. 15, 1923—NO. 2512 LINCOLN AV Alameda. George Petry to Alex C Wieben.....July 31, 19

LIENS FILED

ALAMEDA COUNTY

Recorded Amou

Aug. 9, 1923—LOT 10 BLK "T" Moss Estate. Oakland. Sunset Lumber Co vs C A and Mrs. C A Curtis.... ..... $521.
Aug. 9, 1923—LOT 14 BLK 1 Man Lakemont, Oakland. W P Fuller Co vs Jane Sanders Billings and C C Williams.....
Aug. 9, 1923—LOTS 33, 34 35 AND 36 Blk 442 Map Adeline and Market Homestead Oakland. Carl T Doel vs California Packing Co and W G McCinty & Sons.....$1
Aug. 9, 1923—N EIGHTEENTH 65 E Linden E 60xN 125, Oakland Chester A Bray vs Max Gross, Mrs. D and Catherine MacDonald.....$255.
Aug. 13, 1923—PTN LOTS 5 AND 6 Map Lake Knoll, Oakland. Tilden Lumber Co vs A Lundgren, Arthur B and Louise M Glasier.. .$1886.
Aug. 14, 1923—LOT 2 BLK "C" Map Lake Shore Hills. Oakland. Cadwallader-Gibson Co vs Jessie J and R T Welch and G L Rosebrook $2
Aug. 14, 1923—LOT 18 Map Philine Peshdyn Blk 773 of Levy Tract, Oakland. Chester H Bray vs Peter F Dabelich and John Mitrovich $446
Aug. 14 1923—NW FRUITVALE AVE and SW line land conveyed to Wm H Wheeler recorded Liber 2393 Page 261 NE 90xNW 100. Oakland Rhodes-Jamieson & Co vs R O McCline and John Doe Parker...$151
Aug. 14, 1923—E CANNING 50 S 61st Oakland. J E Ward vs J Perkins Joe Bettlgar, G Goulds, and Fred Ravizza $54
Aug. 15, 1923—LOT 2 BLK "C" Map Lakeshore Hills Oakland. Maxwell Hardware Co. $51.94; Robert Howden & Son. $195.20; Geo Stoddard. $274.45; D F Driscoll. $101.7 vs Jessie J and R T Welch and D F Goodrich .....
Aug. 15. 1923—S HOPKINS 99-6 W Dimond Ave W 40xS 129-9. A C McKerlie vs Muller and La Vole Diamond Progressive Club Building Ass'n. $734
Aug. 15. 1923—LOT 2 BLK "C" Map Lakeshore Hills, Oakland. Lamont Bros Mfg Co vs Jessie J and R T Welch and G L Rosebrook.....$

RELEASE OF LIENS

ALAMEDA COUNTY

corded Amount
g. 11, 1923—LOT 27 BLK "F" akewood Park Tract, Oakland. hamberlain & Osgood to A V Alder $24

Notice of Non-Responsibility

ALAMEDA COUNTY

g. 11, 1923—LOTS 78 AND 79 Re-bdvn Blkse A and B Meek Estate Orchards, Eden Tp. H W Meek Estate, Inc., as to improvements n property.....
g. 11, 1923—LOS 83 Resbdvn Blks A and B Meek Estate Archards, Eden Tp. H W Meek Estate, Inc., s to improvements on property...

KLAND BUILDING TOTALS FOR JULY, 1923

ssification of Buildings	No. of Permits	Cost
tory dwellings.....	262	$ 724,923
t 2-family dwelling...	4	21,500
tory dwellings.....	14	83,870
tory dwlgs & stores..	5	16,300
tory flats.....	8	71,450
tory apartments....	2	30,000
tory stores.....	4	7,700
tory shop.....	1	3,800
tory warehouse.....	1	2,500
tory office.....	2	475
tory greenhouse.....	1	75
tory office.....	1	1,700
t stores & lodge bldg	1	18,000
tory brick dwelling..	1	3,250
tory brick garage...	1	1,000
tory brick stores....	1	13,879
tory brick factory...	1	850
t brk cleaning shop	1	200
t brk&tile garage...	1	2,750
t br & tile shop.....	2	11,500
t br & conc stores..	1	20,000
t concrete dwelling.	1	3,850
tory concrete stores.	1	18,000
tory concrete garage	6	23,570
t concrete addition..	1	7,500
t concrete theatre...	1	55,000
ncrete vault.....	1	2,914
ncrete mixing plant..	1	7,500
t conc offices&stores	1	90,000
t conc&stl sub stn..	1	31,000
tory tile dwelling...	1	5,000
tory tile addition....	1	900
tory tile garages....	4	1,845
tory tile service stn	1	450
tory tile stores.....	3	29,300
t tile & steel garage	1	9,000
t steel addition.....	3	6,000
t steel service station	3	5,900
t stl comfort station	2	1,100
el boiler room.....	1	7,500
t steel frm office bldg	1	340,000
t garages & sheds..	224	43,332
ctric signs.....	48	13,015
litions	109	120,509
erations & repairs..	163	79,367
otal	892	$1,947,274

BUILDING CONTRACTS

FRESNO COUNTY

$5000 and Over Reported

HOOL building, $35,000; 400 Block on California St., Fresno; owner, Fresno City School District; contractor, Trewhitt-Shields, Rowell Bldg., Fresno.
WELLING, $5000; 852 C St., Fresno; owner, Geo. Lum.

COMPLETION NOTICES

FRESNO COUNTY

corded Accepted
g. 7, 1923—E 25 LOT 11, W 25 Lot 2 Blk 10, Wilson N. F. Tct, Fresno C Clark to whom it may concern .....Aug. 6, 1923
WELLING, $5000; 852 C St., Fresno; owner, Geo. Lum.
g. 8, 1923—S 50 LOTS 38, 39 AND 0 Blk 12, Belmont Add., Fresno. Virgil S Routt to whom it may con-

Aug. 8, 1923—LOTS 4 AND 5 BLK 77, Sierra Vista Add No. 4, Fresno. J A Schlotthauer to whom it may concern.....Aug. 7, 1923
Aug. 11, 1923—LOTS 4 5 BLK 81, Fresno. Kevorklan Dean to Cowan & Mitchell .....Aug. 9, 1923
Aug. 11, 1923—821 HOME AVE., Fresno. C. O. Shuler to L. M. Smith... .....Aug. 6, 1923
Aug. 11, 1923—LOTS 11 12 BLK 6 New High School Addition. V. D. Mott to whom it may concern.... .....Aug. 9, 1923
Aug. 11, 1923—W 50 E 100 LOT 3 Blk 1 Hazelwood. M. Manoogian to whom it may concern....Aug. 9, 1923
Aug. 11, 1923—SW ¼ SEC. 11, 14-20. Alma Pearson to whom it may concern .....Aug. 9, 1923
Aug. 9, 1923 — LOTS 27 28 BLK 84 Sierra Vista Add No. 4. J. R. Stohr to whom it may concern..Aug. 8, '23
Aug. 14, 1923—LOT 1 BLK 19. Hazelwood. Hagop Avakian to whom it may concern.....Aug. 13, 1923
Aug. 14, 1923—LOTS 34 AND 35 BLK 11, Sierra Vista Addition, Fresno. Ivan S Wells to whom it may concern.....Aug. 13, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
Aug. 7, 1923—LOT 5 BLK 9, North Park Terrace, Fresno. Bingham-Wenks Planing Mill vs Nels N Nelsen $12,250
Aug. 8, 1923—LOT 16 BLK 8, Cedar Park, Fresno. Routt Lumber Co vs A H Balfour and J B Clithero...$341
Aug. 8, 1123—LOTS 32 AND 33 BLK 3, Torrance Terrace, Fresno. Routt Lumber Co vs Watkins & Deardorf $935
Aug. 8, 1923—LOTS 9 AND 10 BLK 75, Sierra Vista Add No. 4, Fresno. Sunset Lumber Co vs D C Shank.$662
Aug. 8, 1923—LOT 5 BLK 9, North Park Terrace, Fresno. Visalia Furniture Co, $779; T-O Paint Store $42 vs Nels N Nelsen.....
Aug. 11, 1923—LOTS 49, 50 POPPY Col, & 846 Franklin St., Fresno. Sunset Lumber Co. vs. John A. and Tessie H. Manning.....$14,665
Aug. 11, 1923—LOTS 37, 38, BLK 2, Torrance Terrace. Maisler Bros. vs. O. E. Draper and O. B. Hall.....$935
Aug. 11, 1923—LOTS 32, 33, BLK 3, Torrance Terrace. Sherwood Hdwe. Co. vs. N. E. Dearborn.....$40
Aug. 11, 1923—LOTS 32, 33, BLK 3, Torrance Terrace. E. C. Smallin vs. G. T. Watkins and N. E. Deardorf $154
Aug 11, 1923—Same. Joe Straub vs. Same $51
Aug. 9, 1923—LOTS 37, 38, BLK 2, Torrance Terrace. Midstate Pipe & Supply Co. vs. O. E. Draper.....$145
Aug. 9, 1923—LOTS 33, 34, BLK. 3, New High School Addition. Sunset Lumber vs. H. J. Ewing.....$92

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2500 and Over Reported

SCHOOL
PTN LOTS 3 AND 4 S. T. 7th and 8th Sts., Sacramento. All work for two-story Class C parochial school. Owner—Rt. Rev. P. J. Keane, Roman Catholic Bishop.
Architect—Dean & Dean, City Library Bldg., Sacramento.
Contractor—Geo. D. Hudnutt, California Fruit Bldg., Sacramento.
Filed Aug. 4, '23. Dated July 30, '23.
TOTAL COST, $37,630

INDUSTRIAL PLANT
LOTS 3 AND 4 fronting on S line of N-B St. and W line of 16th St., bet. A, N-B, 15th and 16th Sts., Sacramento. All work for one-story Industrial plant (Monitor type, brick walls, steel sash, etc.)
Owner—E. T. Shaw and W. B. Shaw (Pacific Pipe Works, 716 R St., Sacramento.
Engineer—C. F. Wieland, Claus Spreckels Bldg., San Francisco.
Contractor—Ira Boss, 2615 K St., Sacramento.
Filed July 30, '23. Dated July 27, '23.
TOTAL COST, $28,421
Bond, limit, forfeit, none. Plans and specifications, none.

DWELLING, 1-story 5-room and garage, $2500; 4648 U, Sacramento; owner, W. E. Hess, 3888 7th Ave., Sacramento.
DWELLING, 1-story 5-room and garage, $3500; 2321 U, Sacramento; owner, M. Thomas, 1617 O, Sacramento; contractor, D. Tatti, 2118 O, Sacramento.
DWELLING, 1-story 5-room, and garage, $3500; 2424 V, Sacramento; owner, E. D. Brler, 3920 J, Sacramento.
DWELLING, 1-story 5-room, and garage, $2700; 3189 U, Sacramento; owner, Chas. Abaun, 916 38th, Sacramento; contractor, E. R. Beebe.
OIL STATION, $4000; 1530 L, Sacramento; owner, Florence Clunie, S. F.; contractor, Standard Oil Co.
REMODEL STORE, $2700; 431 K, Sacramento; owner, Faye Est, Sacramento; contractor, Siller Bros., 1616 13th, Sacramento.
ALTER & ADD; S 41 ft 11⅝ int Lot 4 & E 40 ft of S 80 ft Lot 3 J-K-7-8 Sts., Sacramento; owner, Farm & Mech. Bank; contractor, H. H. Parker.
DWELLING, 1-story 5-room, and garage, $3000; 2521 Y, Sacramento; owner, G. H. Atkinson, 615 26th, Sacramento.
DWELLING, 1-story 5-room, and garage, $3500; 2421 27th, Sacramento; owner, Thos. B. Hunt, 2926 S, Sacramento.
DWELLING, 1-story 5-room, and garage, $4600; 3933 H, Sacramento; owner, Agnes I. Bateman, 1627½ 18th, Sacramento; contractor, N. H. Bateman.
DWELLING, 1-story 5-room, and garage, $2700; 3723 44th, Sacramento; owner, W. E. Trainor; contractor, Gilkey & Lund.
DWELLING, 1-story 5-room, and garage, $2700; 4633 12th Ave., Sacramento; owner, W. E. Trainor, 813 J Sacramento; contractor, Gilkey & Lund, 4208 Sonoma, Sacramento.
APARTMENTS, 3-story (12 apts.), $35,000; No. 1015 H St., Sacramento; owner, Albert Realty Co., 1021 H St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Aug. 8, 1923—LOT 55 BURLINGAME Terrace, Sacramento. C. F. Joses to whom it may concern....Aug. 6, '23
Aug. 14, 1923—S ¼ LOT 1, E. F. 24th and 25th Sts., Sacramento. Carmichael Co to whom it may concern .....August 7, 1923
Aug. 14, 1923—W ½ LOT 7, C. D. 23rd and 24th Sts., Sacramento. Lewis Pearce to whom it may concern... .....August 2, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Aug. 7, 1923—N 45 FT LOT 1 P-Q-15-16, Sacramento. Clarence C. Johnson vs. Emma Julian Carpenter....
Aug. 8, 1923—LOT 67 CRESCENT Parx, exc N 10 ft., Sacramento. Su-Samuel & Louise A. Nelson....$61.25

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Aug. 11, 1923—Tract 50 Carmichael Col. J H Spencer vs Herman Davis, E M Reagh and John Doe Hubbell $138.50
Aug. 11, 1923—LOTS 1534 and 1535 W & K tract 30, Sacramento. G H Burnett & Florence Polhemus (as Burnett & Sons) vs Herman Weber and Addie E (ux) and F Victor Burgeson $459.02

Notice of Non-Responsibility

SACRAMENTO COUNTY

Aug. 8, 1923—228-30 L ST., SACRAMENTO. Ignacio Lewis as to improvements on property .....

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2500 and Over Reported

DWELLING, $3950; 825 West North, Stockton; owner, W. C. Gaskill 1743 S California, Stockton.
LAUNDRY BUILDING, $3000; 22 North Grant St., Stockton; owner, Stockton City Laundry, 22 N Grant, Stockton.
DWELLING and garage, $6000; 221 West Flora, Stockton; owner, J. C. Cave, 721 W Flora, Stockton.
DWELLING and garage, $6500; 1225 West Acacia; owner, H. G. Bissell.
DWELLING, and garage, $6500; 1225 West Acacia, Stockton; owner, H. G. Bissell.
RESIDENCE, $4000; 1426 West Willow Stockton; owner, W. T. Owen.
PUBLIC GARAGE, $1000 705 East Lindsay, Stockton; owner, W. E. Thetheway.
DWELLING, $8950; 825 West North, Stockton; owner, W. C. Gaskell, 1743 S California, Stockton.
RESIDENCE, $3700; 1434 West Walnut, Stockton; owner, Charles E. Lovett.
RESIDENCE, $6000; 1243 South Monroe, Stockton; owner, Wong Quen.
GARAGE & STOREROOM, $3000; 801 West Vine, Stockton; owner, Bruce Martin, 801 W Vine, Stockton.
DWELLING and garage, $6000; 221 W Flora, Stockton; owner, J. C. Cave, 721 West Flora, Stockton.
LAUNDRY BLDG., $3000; 22 North Grant St., Stockton; owner, Stockton Laundry.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Aug. 7, 1923—LOT 8 BLK 14 of Plat of Lake Park, Stockton. John V. Devaney to W W Price..Aug. 1, 1923
Aug. 8, 1923—ON E ½ of each Lots 14 and 16 and the S 100 ft. of Lot 20, except the E 25.4 ft. thereof, all in Blk 2, Lanes Add'n., Stockton. L D Johnson to Ed Stene.July 20, '23
Aug. 9, 1923—N ½ LOTS 1 & 3 BLK 67, East of Center St., Stockton. Louis Calestini to Shutes & Zinck .....May 1, 1923

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT 14 BLK "K" Hayward Park, San Mateo. All work for frame residence and garage.
Owner—Bruno Granelli, San Mateo.
Architect—None.
Contractor—William Rutherdale, 1129 Bernal Ave., Burlingame.
Filed Aug. 6, '23. Dated Aug. —, '23.
Rafters on $1713.25
Brown coated 1713.25
Completed 1713.25
Usual 35 days..... 1713.25
TOTAL COST, $6850.00
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE
LOT 1 BLK 45, Easton No. 4, Burlingame. All work for one-story frame residence and garage.
Owner—Henrietta Harper, Mills Bldg., San Francisco.
Architect—None.
Contractor—John W. Rutherdale, % Pacific Realty Co., Burlingame.
Filed Aug. 8, '23. Dated June —, '23.
Rafters up $1400
Plastered 1400
Completed 1400
Usual 35 days..... 1400
TOTAL COST, $5600
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

LAUNDRY BLDG.
MENLO PARK 107 COR. GOLDEN Lane & East side of State Highway, Part Lots 188 & 189 Menlo Park Villa Association. All work for 2-story frame laundry bldg.
Owner—M. Dioze and P. Darracq, county road (a co-partnership).
Architect — Will H. Toepke, 72 New Montgomery St., San Francisco
Contractor—John MacBain, Menlo Park
Filed Aug. 8, 1923. Dated Aug. 7, 1923.
Sheathed $5084
Brown coated 5084
Completed and accepted 5084
Usual 35 days 5084
TOTAL COST $20,336
Bond, Sureties, none; Forfeit, $10.00; Limit, 95 working days; Plans and Specifications filed.

REPAIRS
S SIDE CANAL ST. OPPOSITE 17.47 A Tract of W. P. Fuller Co. and known as "Fullers Wharf" South San Francisco. Repairs to wharf.
Owner—So. San Francisco Land & Imp. Co., So. San Francisco.
Architect—None.
Contractor—Hannah Bros., (J. S. & J. D.) 142 Sansome St., S. F.
Filed Aug. 14, 1923. Dated Aug. 1, 1923.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $4877
Bond, $2440; Sureties, National Surety Co. of N. Y.; Forfeit, none; Limit, 90 wk. days; Plans and specifications filed

RESIDENCE, $2300; Lot 116, San Mateo Park, San Mateo; owner, Charlotte Clark. San Mateo; contractor, Frank Ruhl, Box 32, Burlingame.
RESIDENCE, $4600; Lot 20 and 21 Blk 3, Hayward Park; owner, S. Lombardi, San Bruno; contractor, F. Vallintine, San Bruno
RESIDENCE, $9000; Perchon House, San Mateo; owner, G. W. Mountford, Perchon House; contractor, Mitchel-Jackson Co.; 170 2nd Ave., San Mateo.
RESIDENCE, $10,000; E ½ LOT 277, San Mateo Park, San Mateo; owner, Leadley & Wisnom, 207 2nd St., San Mateo; contractor, Leadley & Wisnom, 207 2nd St., San Mateo.
RESIDENCE, $11,000; No. 247 Occidental Ave., San Mateo Park, San Mateo; owner, John Eshia, 1059 Leavenworth St., San Francisco; contractor, John Loaman, 445 S-1st St., San Jose.
RESIDENCE, $5000; Lot 42, Glazenwood Laurel Ave., San Mateo; owner, S. A. Borne Bldg. Co., Glazenwood.
BUNGALOW and garage, $3500; Lot 10 Blk 4, Burlingame Grove, Paloma Ave., Burlingame; owner, C. L. Ford 153 Occidental Ave., Burlingame.
STORE, Class C, $7500; BROADWAY, S 50 Lots 1 and 2 Blk 2, Easton 1, Burlingame; owner, C. S. Crary, 172 Elm St., Burlingame.
BUNGALOW and garage, $6000; Douglass Ave, Lot 2 Blk 5, Burlingame Land Co., Burlingame; owner, Emma Kattenback.
BUNGALOW and garage, $5000; Bernal Ave Lot 1 Blk 45, Easton 3, Burlingame; owner, Henretta Harper.
ALTERATIONS to office on "B" St., $1000; San Mateo; owner, Pac. Telephone & Telegraph Co., San Mateo.
RESIDENCE, $6200; 14th Ave., H Park, San Mateo; owner, Bruno Granelli, 3rd Ave. C St., San Mateo; contractor, W. A. Rutherdale, Burlingame.
RESIDENCE, $3300; Lot 2 Blk 7A West Add., San Mateo; owner, Mrs. Bynes San Mateo; contractor, J. D. Crichton, 630 Prospect Row, San Mateo.
RESIDENCE, $5000; Westmoreland Ave San Mateo Park L 192, San Mateo; owner, Ida F. McCam, 806 Jefferson Court, San Mateo.
OFFICE BUILDING, $2500; 27 Griffith Ave., San Mateo; owner, Dr. A. Benner, 27 Griffith Ave., San Mate contractor, Leadley and Wiseman 207 2nd Ave., San Mateo.
RESIDENCE, $4000; Lot 13 Blk 36 S So. San Mateo; owner, H. Horritz San Mateo; contractor, M. Matulich San Mateo.
BARN, $2000; Lt 18 Blk 67 Santa Yene Park, San Mateo; owner, M. & C Perotti, 1121 Cypress Ave., San Mateo.
RESIDENCE, $5000; Lot 27 Rosewoo Ave, Glazenwood, San Mateo; owner, S. A. Born Bldg., Co., Glazenwood, San Mateo.
BUNGALOW, $2700; Lot 2 Blk 5 Blgm Land Co. Douglas Ave., Burlingam owner, Mrs. Williams.
BUNGALOW and garage, $3500; Lot 1 Blk 17 Easton 1 Chula Vista Ave Burlingame; owner, Chas. Bell.
BUNGALOW, $5400; Lots 23 and 2 Sub 5 Blgme. Park Highway, Burlingame; owner, J. F. Adams, 21 Ellsworth, Burlingame; contracto Thomas Gesso, 1405 Grove, Burlingame.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepte
Aug. 6, 1923—140 CHAPIN AVE., Burlingame. E. W. Cleary to H. J. Hughes .....Aug. 3, 192
Aug. 7, 1923—LOT 40 BLK 21 MIVA Park, Colma. Mrs. Zita Roffo to whom it may concern.....
Aug. 8, 1923—LOT 21 BLK 12, Easton Burlingame. Spiro Argiros to L E Nelson.....Aug. 1, 19
Aug. 9, 1923—LOT 9 BLK 4 BURLINGame Villa Park, Burlingame. E. A. Olund and P. G. Pedersen to whom it may concern .....Aug. 7, 19
Aug. 11, 1923—LOT 12 & PTN LOT 11 Blk 3 East San Mateo, San Mateo. Marie Carbone care H. H. Patnon, Agt. to whom it may concern.... .....Aug. 9, 19
Aug. 11, 1923—LOT 16 BLK 19 EASton No. 2, Burlingame. H. J. Hughes to whom it may concern. Aug 8, 19
Aug. 11, 1923—LOT 21 BLK 11 BURlingame Terrace, Blgme. Henry J. Moody to whom it may concern.... .....Aug. 7, 19
Aug. 13, 1923—LOT 6 BLK 3, Villa Park, Burlingame. G W Nystrom to Martin Peterson.....
Aug. 13, 1923—PTN LOTS 22, 23, 26, 17, 18 Blk 84; Ptn Lots 24, 25 Blk 83; Ptn Lots 13 and 14 Blk 84; Ptn Lot 19 Blk 95; Ptn Lots 15 and 16 Blk 94; Ptn Lots 30 and 31 Blk 95; Lot 2 Blk 2; Lot 12 Blk 1, High School Park Addition to South San Francisco. South San Francisco Land & Improvement Co to R C Stickel.....Aug. 2, 19
Aug. 14, 1923—LOT 7 BLK 52, Easton No. 5, Burlingame. Alfred C Bank to whom it may concern.Aug. 13,

LIENS FILED

SAN MATEO COUNTY

Recorded Amou
Aug. 7, 1923—LOTS 21 22 23 24 & 49 Blk 60 Dumbartin Tract. Ernest Carlson vs John T. Carlile, Free H. Sommers $87
Aug. 13, 1923—LOTS 42, 23 and 2 Blk 60, Dumbarton Oaks. James Catto vs Frederic H Somers et a $107
Aug. 14, 1923—LOTS 42, 43 and 49 Blk 60, Dumbarton Oaks Tract, San Mateo. F H Somers et al, John T Carlisle and California Co-operate Builders vs A Paul Ivanuk....$47

BUILDING CONTRACTS

SANTA CLARA COUNTY

RESIDENCE
NE TWELFTH AND ST. JOHN ST San Jose. All work for alteratio to residence.
Owner—Ora Vandruff & Mamie Kub 67 N-First St., San Jose.
Architect—None.
Contractor—R. E. Ford & J. E. Thoberg, 125 Vaughn St, San Jose.
Filed July 26, '23. Dated July 26, '23

As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $1350
ond $680. Sureties, Charles A. Payne
nd H. B. Miller. Limit, forfeit, none.
pecifications only filed.

ESIDENCE
VINE ST., bet. Grant and Colfax
Sts., San Jose. All work for one-
story 5-room frame residence.
wner—Calogero Mingola, San Jose.
rchitect—Wolfe & Higgins, Auzerais
Bldg., San Jose.
ontractor—Vincent Maggio, 1230 Sher-
man St., San Jose.
lled Aug. 1, '23. Dated July 18, '23.
Frame up and rafters on.....$1825
1st coat plaster on interior and
exterior 1825
Completed and accepted..... 1825
Usual 35 days..... 1825
TOTAL COST, $7300
ond, none. Limit, 100 working days
am and after July 18, 1923. Forfeit,
one. Plans and specifications filed.

OTTAGE, 4-room, $1600; Elino St. nr.
Creek, San Jose; owner, O. A. Wil-
vining.
ORKSHOP, $1000; Shortridge St. nr.
28th St., San Jose; owner, A. M.
Whiteside, 71 S-19th St., San Jose.
OTTAGE, 5-room, $7300; Vine St. near
Grant St., San Jose; owner, C.
Mingovia; architect, Wolfe & Hig-
gins, Auzerais Bldg., San Jose;
contractor, V. Maggio, 1230 Sher-
man St., San Jose.
OTTAGE, 5-room, $2850; Tenth St.
near Martha, San Jose; owner, G. S.
Carpenter.
LTERATIONS, $1000 No. 681 N-First
St., San Jose; owner, Maurice Coffe,
687 N-First St., San Jose; contrac-
tor, Jas. Perkins.
OTTAGE, 5-room, $3000; St. James St.
near 15th St., San Jose; owner, Jos.
Grinello; contractor, Odell & Wil-
son.
NDERTAKING parlors, two-story,
$33,500; Santa Clara and Eighth
Sts., San Jose; owner, Hocking &
Williams, 279 N-First St., San Jose
architect, Binder & Curtis, 255½ S-
First St., San Jose.
ESIDENCE, two-family, $3700; Reed
and Ninth Sts., San Jose; owner, M.
Boone, 600 S-9th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

corded Accepted
ly 31, 1923—LOTS 57, 60 and 65
Studio Heights, San Jose. R D
Shimer to Jerome Garcia..July 13, '23
g. 1, 1923—N SANTA CLARA ST.,
bet. Pleasant and River Sts., San
Jose. Arabella M Machefert and
Mary W Hayward to H R Sherman
.....August 1, 1923
g. 1 1923—PTN LOT 1 BLK 2
Range 10 N of base line, San Jose.
Frederick H and Nettie Van Nor-
den to J S Odell and G A Wilson...
.....July 27, 1923
g. 1, 1923—ALL LOT 32 and ptn
Lots 31 and 33 Blk 88, University
Park, San Jose. Nellie E Plante
to Damant & Brickey...July 28, 1923

Aug. 3, 1923—LOT 20 BLK 3, Elm Leaf Park, San Jose. A Levin to W O Furtwangler.....Aug. 3, 1923
Aug. 4, 1923 LOT 1 BLK 1, Hester Park, San Jose. D M Cline to whom it may concern...Aug. 4, 1923
Aug 4, 1923—LOT 2 BLK 8 R 5 S, Snow & Pettis Add'n to Mt. View. Laura F Lake to Carl Lindholm... .....July 15, 1923
Aug. 4, 1923—LOTS 5 AND 6 BLK 5, Rose Lawn, San Jose. Georgina Trigwell to whom it may concern.. .....August 3, 1923
Aug. 4, 1923—PTN LOTS 23 AND 24 Blk 22, Seale Add'n to Palo Alto. Clara A Diehl to Wm H Gibson.... .....August 4, 1923
Aug. 4, 1923—LOT 8 Blauer Sub, San Jose. Francis L Nicholson to H H Horton.....August 2, 1923
Aug. 4, 1923—LOT 7 BLK 6, Chapman and Davis Tract, San Jose. R G and Ann D Kennard to H A Bridges.....Aug. 3, 1923
Aug. 6, 1923—E N-ELEVENTH ST., bet. Washington and Empire Sts., San Jose. S De Cola to whom it may concern.....Feb 6, 1923
Aug. 7, 1923—LOT 1 BLK 3, Hanchett Residence Park, San Jose. Alfred Jones to whom it may concern... .....Aug. 7, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
July 31, 1923—LOT 3 Sierra Park, San Jose. Southern Lumber Co vs E D and Rose B Shepherd....$863.34
Aug. 2, 1923—INTR LATIMER AVE and Santa Clara, Los Gatos. D A McQueen vs Ellen L Lanphear...$206
Aug. 2, 1923—LOTS 3, 4 AND 5, Littlefields Addn to Morgan Hill. Herbert P Atkinson vs Santo Gualtieri $374.15
Aug. 4, 1923—PTN BLK 5 R 4 W Scheller Add'n, San Jose. Southern Lumber Co vs Michael K Muller $791.99
Aug 6, 1923—18.40 ACRES ON SANTA Clara-Los Gatos Rd S of Stevens Creek Road in Est of Sarah Winchester. A E Roll vs Jno H Brown, A P and Maude Marston....$1151.19
Aug. 6, 1923—PTN LOT 2, W. H. Stone Sub., San Jose. J B Cambers vs Eleanor and C P Storm..$111
Aug. 6, 1923—PTN LOT 2, W. H. Stone Sub., San Jose. Southern Lumber Co vs Eleanor and C P Storm..$30.75
Aug 7, 1923—18.40 ACRES on Santa Clara-Los Gatos Rd S of Stevens Creek Road in Est of Sarah Winchester. San Jose Hardware Co vs Paul and Maude Marston and J H Brown..... .....$205.33
Aug. 7, 1923—NO. 1045 E-SANTA Clara St., San Jose. Sunset Lumber Co vs V D Goodrich.....$232.74
Aug. 7, 1923—LOTS 1, 2 and 3, C. M. Wooster Sub of Clark Ranch. Charles E Branson vs Charles and Mrs. Chas Goetz $135
Aug. 8, 1923—18.40 ACRES on Santa Clara-Los Gatos Road S of Stevens Creek Road in Est. of Sarah Winchester Coast Electric Service vs C C Miller, J H Brown, A P and Maude Marston $265.72

Aug. 8, 1923—18.40 ACRES on Santa Clara-Los Gatos Road S of Stevens Creek Road in Est. of Sarah Winchester. Coast Electric Service vs C C Miller, J H Brown, A P and Maude Marston $546.05
Aug. 9, 1923- LOT 1 BLK 43 Naglee Park Tract, San Jose. Pacific Manufacturing Co vs Peter Swanson $2198.45
Aug. 9, 1923—PTN LOTS 53 AND 54 Blk 5, Cook and Branham Addn., San Jose. Pacific Mfg Co vs J Poulsen $2733.21

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Aug. 8, 1923—LOTS 37 AND 38 Wade's Sub., San Jose. Atlas Mortar Co to John Madsen $239.65
Aug. 8, 1923—S MAIN ST. opp. Sherman St., Mayfield. The Minton Co to Mrs. C P Hughes.....$213.49
Aug. 9, 1923—LOT 3, Sierra Park. Southern Lumber Co to E D and Rose B Shepherd.....$863.34
Aug. 14, 1923—LOTS 19 and 20 Alameda Villa Tract, San Jose. Henry Cowell Lime & Cement Co, $89.55; Southern Lumber Co, $173.85; Gadden City Glass Co, $293.50 to Daisy R and S C Ziler.....
Aug. 15, 1923—LOTS 8, 9, 10 and 11, Adams Tract, San Jose. Henry Cowell Lime & Cement Co to F W Aust $207.90
Aug. 15, 1923—LOTS 8 TO 11 Adams Tract, San Jose. Southern Lumber co to F W Aust.....$615.71
Aug. 15, 1923—LOTS 19 AND 20, Alameda Villa Tract, San Jose. San Jose Paint Products Co to S C and Daisy Ziler.....$100
Aug. 15, 1923—INTR LATIMER AVE and Santa Clara-Los Gatos Road. D A McQueen to Ellen L Lanphear $206

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLINGS (3) 1-story, $8000; SE Cor 23rd and Gaynor, Richmond; owner, Mrs. T. C. Brown, 2234 Macdonald, Richmond; contractor, The Miner Co., 2234 Macdonald, Richmond.
DWELLING, one-story frame, $3500; E Thirteenth St., bet. Barrett and Roosevelt Sts., Richmond; owner, T. G. Conn, 305 Bissell St., Richmond.
DWELLING, one-story frame, $2500; N Northwest St., bet. Hensley and East Sts., Richmond; owner, C. Grazella, Cor. Barrett and B Sts., Richmond; contractor, A. J. Fagestrom, 1135 Chanslor St., Richmond

BUILDING CONTRACTS

MARIN COUNTY

DWELLING, $2500; Walnut Ave., Mill Valley; owner, R. S. Jerome.
DWELLING, $3200; Forest Ave., Mill Valley; owner, Flora Hastings.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Conereta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., AUGUST 25, 1923

Published Every Saturday
Twenty-third Year No. 34

Schumacher
Office
210 American National Bank Building

Permanence
Economy

Wall

Appearance
Comfort

Warehouses
San Francisco Oakland

Board

For Sale by all Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

KOEHRING HEAVY DUTY

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

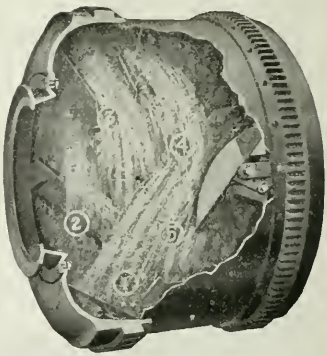
Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., AUGUST 25, 1923 | Twenty-third Year No. 34

No. 818 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

COMPARATIVE 30 WEEKS IN COAST LUMBER TRADE

West Coast Lumbermen's Association weekly reports on production, orders and shipments, for the first 30 weeks of the past four years, are as follows:

Production:

	Feet
1923	2,941,715,476
1922	2,413,359,275
1921	1,443,221,618
1920	2,370,928,236

Shipments:

1923	3,210,996,676
1922	2,385,917,504
1921	1,545,432,151
1920	2,101,161,883

Orders:

1923	3,027,109,400
1922	2,421,312,063
1921	1,537,054,442
1920	1,858,389,062

From the above items it will be observed:

1. Production, thus far this year, has been 21.89 per cent greater than in the same period for 1922; 103.83 per cent greater than in 1921; and 24.07 per cent greater than in the first 30 weeks of 1920.

2. Shipments, thus far this year, have been 34.58 per cent greater than in 1922; 107.77 per cent greater than in 1921, and 52.82 per cent greater than the first 30 weeks of 1920.

3. New business, thus far this year, has been 25.02 per cent greater than the same period in 1922; 96.94 per cent greater than in 1921, and 62.89 per cent greater than the first 30 weeks of 1920.

LACK OF FUNDS MAY HALT STATE ROAD WOEK

Due to lack of funds, state highway construction in California may be halted temporarily, it was disclosed at a recent meeting of the State Highway Commission in Los Angeles.

That statement was made to delegations from Yuma, Arizona, San Diego and Imperial County, Cal., in response to requests that a sixteen-mile stretch in Imperial County, from Yuma westward, on the way to San Diego, be given a hard surface.

"We are almost violating the law, as it is, by putting in a crushed rock road on those sixteen miles," said Harvey M. Toy, chairman of the commission. He explained the money at the disposal of the commission for road building purposes was practically exhausted.

Bids will be received early in the fall and construction will follow soon, it is said. It is hoped funds will be available later to give it a hard surface.

COUNTIES PREPARE FOR NEW HIGHWAY LAW

Throughout the state preparations are being made for the enforcement of the new regulations for patrolling the highways which become effective August 31.

W. H. Marsh, executive director of the state motor vehicle department, has been touring the state explaining his interpretation of the new law to boards of supervisors.

Under the law, boards are allowed to suggest names of men to be appointed to patrol the highways. Fourteen counties have suggested the names, and they have all been appointed. San Bernardino county lead, with seven patrolmen. Other counties range from two to four.

District Attorney Lovejoy of Fresno county, has declared the new law unconstitutional, on the ground that patrolling the highway is not a part of the upkeep. Attorney General Webb holds differently, however, declaring that the regulation of heavy loads on the highways and patrolling to see that this feature of the law is upheld, concerns their maintenance.

CALIFORNIA BUNGALOWS ARE FEATURED IN AUSTRALIA

An "Ideal Homes" exhibition in Melbourne has aroused great interest in American type houses and in mechanical house-keeping equipment, Trade Commissioner J. W. Sanger reports to the Department of Commerce.

The United States furnished most of the ideas for homes. House plans submitted were principally after the style of California bungalows, and the labor-saving devices entered in the contest were in the main, American.

The domestic help problem in Australia is a serious one, and the movement toward smaller and more compact homes and furnished flats, and the use of labor-saving devices in the home is distinctly noticeable. A natural result of these new ideas in home making should be an increase in the Australian market for these products.

SEEK RECEIVER FOR FEDERAL CONSTRUCTION COMPANY

Differences between officers and directors of the Federal Construction Company, paving contractors, have been carried to the Superior Court in a petition from H. K.Eells, vice-president, for the appointment of a receiver.

Naming W. S. Hanrahan, secretary; A. K. Hanrahan, director, and J. A. Dowling, president, as defendants. Eells stated that Dowling and W. S. Hanrahan have started in the construction business for themselves and that W. S. Hanrahan has drawn on the $100,000 equipment of the company without the permission from the directors.

INFERIOR MATERIALS USED ON OAKLAND SCHOOLS IS CHARGE

The Alameda County Grand Jury will make a searching investigation into charges of Wilfrid Ball, former Oakland building inspector, that contractors have been substituting inferior materials in school buildings without reimbursing the city, according to an announcement of J. D. Armstrong of Hayward, foreman of the Grand Jury, following a preliminary examination into the demand of the Golden Gate Improvement Club that Ball's charges be sifted.

BUILDERS' DAY OUTING

The annual Builders' Day Outing of the San Francisco Builders' Exchange will be held September 1, 2 and 3 at Capitola-By-The-Sea, Santa Cruz County.

An elaborate program has been arranged and gate and contest prizes of considerable value will be awarded. The official program now nearing completion will provide games and amusements for both old and young. Every possible effort has been made to make the three-day event a record breaker for attendance.

Organizations having a direct connection with the building industry are invited to attend in a body or send a delegation to represent their interests.

Builders' Day Outing is a state-wide affair—hence, a general invitation goes out from the San Francisco Builders' Exchange, under whose auspices the event is staged, to have a representative gathering from every town and hamlet in California.

May we count on your attendance?

WM. J. FEARY, Secretary, Outing Committee.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

To ascertain whether the cost of building can be properly and advantageously reduced in Chicago, Mayor Dever, it is reported, requested and received data regarding the cost of certain primary building materials. Many material producers have been clamoring for an opportunity to bid on what they consider a fair basis of competition against clay brick, which they claim has for years had an edge over other materials in Chicago. Among these competitors are the hollow tile makers, lumber interests, concrete block producers, and metal lath manufacturers. They claim that if they could "break in" on a fair competitive basis they could substantially reduce the cost of building. It is said that city authorities will look carefully into the contention that under the city building code brick has enjoyed an undue advantage.

U. S. Civil Service Commission announces an examination for the position of "Superintendent of Construction" to fill vacancies in the Central Office of the Veterans' Bureau at Washington. Entrance salaries range from $3,000 to $3,600 a year. Vacancies exist in positions requiring similar qualifications. Duties consist of complete charge of labor, materials and construction on such building projects as are undertaken by the Bureau; the estimation of labor and materials required, their efficient distribution and the maintenance of complete and accurate accounts thereof. Competitors will not be required to report for examination but will be rated on their education, experience and fitness, on a scale of 100, such ratings being based upon competitors sworn statements in their application.

The request of the Contractors' Association of Northern California to the directors of the Merced Irrigation District, that that body withdraw its decision to construct the Exechequer dam under the day labor system, has been taken under advisement. The directors voted to proceed with the construction following the rejection of bids which were considered too high. The directors, however, are in favor of letting the work by contract but in view of the great difference in the estimated costs and the bids received, feel they could not do otherwise than adopt the day labor method for construction. Further conferences with regard to asking new bids for the dam will prabably be held between the contractors' association and the directors of the district.

Due to causes not now well understood, production of lumber by the sawmilles of Western Washington and Western Oregon shows a spread of 27 per cent between production and shipments. This appears from the report of the West Coast Lumbereen's Association just issued, and covering the week ended August 11. Production for these reporting mills, covering 75 per cent or more of total output in the Pacific Northwest, was 14 per cent above normal capacity, while shipments were 13 per cent below new business received. In the trade, the belief is, that there is a slowing down in new orders received, which may last until late in the fall.

The judgment of the Sutter county superior court in validating $8,000,000 assessment levied for flood control work through the Sutter-Butte by-pass No. 6 of the Sacramento-San Joaquin valley drainage district has been affirmed by the State Supreme Court. The opinion, written by Justice Lennon, was unanimous. The original action was brought to test the legality of bonds to be issued in the form of assessment district bonds to pay for the work of flood control. Three judges of the superior court sitting in Sutter county rendered the first decision, sustaining the acts of the Legislature, California Debris Commission, the Reclamation Board and other agencies, so far as their action is concerned in the question of the validity of bonds.

Bricklayers and stone masons of St. Louis, Mo., are preparing to insist on an increase from $1.50 to $1.75 an hour on November 1. This would bring bricklayers' wages on a level with those of the plasterers. Bonuses which enable some bricklayers to earn $20 a day are general and it is expected that the bonus system would be continued under the increased scale. There is a shortage of bricklayers in St. Louis, many having recently left for Illinois.

Los Angeles building operations for August will exceed $11,000,000 and will probably go $15,000,000. Up to and including the 14th of the month, the number of building permits granted totaled 2572 and the estimated valuation was $9,769,889. For the corresponding period in July the number of permits was 2071 and the estimated valuation 7,840,462.

One of the largest foundry plants in the United States, the Dayton Malleable Iron Co., is entering the Canadian field, having purchased a plant at Brantford, Ontario, as a nucleus. The foundry will be almost entirely engaged in the making of castings for the automobile trade.

Los Angeles Gas & Electric Co., has been authorized by State Railroad Commission to issue $4,000,000 of Series G 6 per cent gold bonds maturing in 1924, to complete a $10,000,000 appropriation set aside by the company for improvements and extensions to its plant and equipment.

Fifty members of the Napa County Builders' Exchange attended the regular business meeting August 15, following which the builders attended a banquet in Jack's Grill where vital matters affecting the construction industry were discussed.

Caspar Drog, pioneer building contractor of Redwood City, died suddenly at his home in that city, August 15. A wodow and seven children survive.

The Berkeley city council is planning a bond election for harbor improvements. The issue will probably run between $50,000 and $100,000.

City of Long Beach has voted bonds of $3,000,000 to establish a municipal gas plant.

City of Eureka plans $500,000 junior high school, the funds to be raised through a bond issue.

ALONG THE LINE

The Wescoe Blower & Pipe Company, a Louisiana company, has leased quarters, comprising approximately 10,000 square feet, in East Fourteenth street between Seventeenth and Eighteenth avenues, Oakland, and has started the manufacture of exhaust fans, dust collectors, blow piping for sawmills and woodworking shops in addition to doing a general sheet metal business. C. L. Campbell is president of the company.

Construction of the El Dorado Water Corporation's dam at Newtown, El Dorado County, is nearing completion by the Coast Construction Company of San Francisco. The dam is 400 feet wide at the top, 20 feet thick at the bottom and 110 feet high from the creek bed to the top. The cost of construction is in the neighborhood of $200,000.

The Detroit Manufacturing Co., has filed articles of incorporation in Oakland and plans the establishment of a plant for the manufacture of electric and radio apparatus. Company is capitalized at $50,000. Directors are: J. G Hieb, A. F. Farman, Paul St. E. Lees, H. A. Stratton and T. J. Hoffman, all of Oakland.

All records for building in Oakland will be broken during 1923 and prediction may be made safely now that building will total an expenditure of $30,000,000, according to E. W. Shaw, Secretary of the Alameda County Builders' Exchange.

Smith Booth Usher Co., has been appointed distributors of the following well known lines. Waukesha Motors, Buhl Portable Compressors and Milwaukee Locomotives. Offices of the company are located in San Francisco and Los Angeles.

B. Chester Brown has resigned as chief mining engineer of the California State Industrial Accident Commission and has taken sharge of the Division of Mines and Oil of the State Compensation Fund.

The Sonoma County Grand Jury recommends the construction of more permanent highways. The supervisors favor such work providing a plan for financing is work out so as not to increase the tax rate.

Mills of the British Columbia Lumber Co. on False Creek, Vancouver, B. C., were destroyed by fire Aug. 21. The loss is estimated at $350,000.

Building costs in Sacramento will be investigated by a special committee to be appointed by the Chamber of Commerce of that city.

Santa Monica has voted a bond issue of $600,000 to finance school improvements.

Hays, Blakely & Longville are a new firm in the building material business at Culver City, Calif.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

SAN FRANCISCO BUILDERS COMPLETE OUTING PROGRAM

Plans for the annual Builders' Day Outing to be held under the auspices of the San Francisco Builders' Exchange, September 1, 2 and 3 at Capitola-By-The-Sea, Santa Cruz County, have been completed and indications point to a record attendance. It is expected that more than five thousand members of the building fraternity and their friends will attend the outing.

In addition to the celebration, the builders will hold a State convention, for which a constructive program is being arranged.

Feature contests, arranged by Clarence F. Pratt, originator of Builders' Day Outing, include a Donkey Polo Contest, a brick laying contest, a tile laying contest, The Bathing Girls' Revue, Ladies' Nail Driving Contest in addition to games and amusements for the old folks and the kiddies.

"This outing will be a record breaker for attendance," Pratt declares. "Every possible effort has been made in compiling the program to post prizes that will attract visitors from every section of the state. Prizes range from carloads of sand and rock, to ten gallons of cider and from a bathtub to a tombstone."

"The San Francisco Builders' Day Outing is not a local affair, but one in which every organization connected with the building industry is invited to take part," says Steve Guerin, a member of the Committee on Arrangements. "Our outings in the past have always been partly state-wide, but we expect this event to be snared as much by the outside members as the San Francisco interests."

In addition to prize awards of all types of building materials, considerable cash money will be awarded both in the contests and as gate prizes.

Jos. B. Crowe, Secretary of the Outing, announces the following have been appointed as a Committee on Arrangements: Wm. J. Feary, Chairman; Steve Guerin, Emil Hogberg, Clarence F. Pratt, Chas. Monson, Art Smith, C. J. Hillard and Wm. Bateman.

SACRAMENTO PLASTERERS SEEK $1 DAY RAISE

A demand for an increase in wages of $1 a day, effective November 7th, is made in letters received by the general contractors and the Sacramento Builders' Exchange from the Hodcarriers' Union, Local 262.

The letter signed by George Olney, secretary of the union, declares that the increased scale was decided upon at a meeting of the union last week.

The schedule announced provides for a daily wage of $9 per day for plasterers' tenders and $8.50 per day for bricklayers' tenders. The present scale is $7.40 per day.

The notice if the demand was sent at this time in accordance with the agreement between the various unions and the Building Trades Council providing for an elapse of ninety days between the presentation of any wage demands and declaration of a strike. The action of the hodcarriers thus paves the way for a walkout in November if their demands are not met.

The letter will be considered at the next meeting of the directors of the Sacramento Builders' Exchange.

RENO ELECTRICAL MEN PROPOSE WITHDRAWAL FROM EXCHANGE

Electrical contractors of Reno, Nevada, at a meeting held August 20th, drafted a resolution proposing withdrawal from the Washoe County Builders' Exchange. The resolution was not put to vote due to the fact that a full membership was not present. The resolution, however, will be submitted to all members at once.

This is in line with the recent action of the Reno master plumbers in withdrawing from the Builders' Exchange. Sub-contractors, such as the plumbers and electricians, complain that the rules of the exchange operate to the advantage solely of the general contractors and for this reason dissatisfaction has crept into their ranks.

According to those who sponsor the resolution of withdrawal, the rules of the builders' exchange prohibit subcontractors from biding on jobs contracted for by general contractors who are not members of the exchange. They also claim that the rules relating to changes in contract figures operate solely for the benefit of the general contractors.

Similar complaints registered by the plumbers recently resulted in their withdrawal from the exchange.

CONTRACTOR WARNS AGAINST PRICE ADVANCES

"Building has been going with a tremendous boom in the East," said E. J. Harding of Washington, D. C., assistant secretary Associated General Contractors of America, visiting Spokane, Wash. He continued:

"Contractors have been going at breakneck speed for the last two years. The shortage of labor is so acute and the cost of building so greatly increased thereby that a buyers' strike must result in time.

"The market has shown a decline in the last few months, but just what this indicates, we do not know. However, building prices in the East must be stabilized or we will go from a condition of extreme activity to one of depression.

"On this trip I have found conditions better West than in the East. Denver is quite active, and Salt Lake, which has been quiet, is picking up.

"One thing is certain. It does not seem that the terrible building costs as we know them in the East can continue indefinitely. The speculative builder who will pay almost any price for labor to get his house or apartment finished and sold has greatly aggravated a situation that was bad enough in itself. And it is not only the high cost of labor but the fact that the higher the wage the less the efficiency that makes the situation bad."

SACRAMENTO PLUMBERS RAISED

Journeyman plumbers of Sacramento effective August 20, have been granted a voluntary raise of 75c a day by the Master Plumbers' Association of that city. The increase was decided upon at a conference of the Master Plumbers' Association held in Sacramento August 16. With the increase the plumbers will receive $10 a day as against $9.25 heretofore.

FRESNO ENGINEERING SOCIETY

"The Foundation of Definite Knowledge," was the subject of Ben O. Walker in his address to the Fresno Engineering Society, at a recent luncheon of that organization.

In defining an engineer, Walker said that an engineer is one who deals in material in a constructive way. He stated that it was not so much the expertness or definite knowledge of the engineering art that would count in the long run, but that the definite knowledge of the community and its natural resources were what determined the success of an engineer.

Briefly, the speaker said: "The engineer differs from other professional or business men in that he has a definite service to render to his community. In order to properly render this service he must have an idealized and definite knowledge of the soil, climate, people, and resources of his community. His knowledge and experience along lines of construction should not be merely utilized for money-making, political or educational purposes, but his information should primarily work for the social welfare of the mass. And after all it is the individual being in the mass that counts. The engineer's duty should be to share in the efficient management of peoples in his community."

RICHMOND BUILDERS ENJOY NEW ENGLAND DINNER

A New England dinner of beans and brown bread wound up the business meeting of the Contra Costa County Builders' Exchange in its new quarters in Richmond. Visitors from Oakland, San Francisco and Berkeley attended.

During the business session the Exchange went unanimously on record indorsing the movement started by the Automobile Dealers Club to bring traffic through the business center of Richmond, and several other changes for the betterment of the city.

Frank Cronan of the Western States Gas and Electric Company addressed the meeting on the electric rates for heating and the advantage of this method of heating.

The committee on the dinner consisted of E. H. Higgins, chief cook; R. W. Timmons, Pryce Roberts, George Edwards, Donald Berg and George Ingram. President P. M. Sanford presided over the session.

SAN FRANCISCO CONTRACTORS ARE BLAMED FOR SHORTAGE OF PLASTERERS IN SEATTLE

Builders and building contractors of Seattle, facing a demand from union plasterers for an increase in wages from $10 to $12 per day, charge that San Francisco contractors are bidding for expert workmen as high as $15 per day, and taking as many as they can get to the south. This information is confirmed by architects. The fact appears to be that on all the big jobs now under way in Western Washington, including Seattle, there is not more than one-half the required number of plasterers on the job. No apprentices are available, it is stated. Building progresses at heavy cost to owners and

WAGE LEVEL CONTINUES TO HOLD FIRM

Reprint—The American Contractor

During the month of July and including August 1 only fifteen cities reported changes in wage scales. This is five less than the small number so reporting in June. Regardless of the fluctuations caused in wages by payment of bonuses, it seems evident that the interpretation made in these same columns in regard to June wages is confirmed. That interpretation was that a wage level has been found.

Specifically, there were more raises than downward fluctuations during the month of July, for the number of trades receiving upward revision was fifty-six and the number receiving downward revision was only five. This might at first seem a fact contrary to the observations just made, but comparison shows that so small a number of raises does not mean any appreciable movement. For instance, during the month of May there were 280 raises.

The following summary of wage and labor conditions indicates local points of change:

Akron, Ohio, reports a serious shortage of plasterers. Enough men are available to supply all demands for common labor.

Baltimore, Maryland, electricians will receive an increase of 12½ cents which will make their wage $1.12½ an hour, beginning September 1. Apprentices and common labor are used for plasterers 'helpers.

Boston reports a shortage of plasterers. The following increases in hourly wages have been granted: Carpenters, cement finishers, electricians, painters, gas fitters, hoisting engineers, marble cutters, marble setters, ornamental iron workers, pipe coverers, roofers, sheet metal workers, steamfitters, stone cutters, and structural iron workers, from $1.05 to $1.10; hod carriers, from 65 cents to 70 cents; laborers, from 60 cents to 65 cents; lathers, from $1.12½ to $1.17½; plasterers' helpers, from 90 cents to 95 cents; and steam fitters' helpers, from 75 cents to 80 cents.

Cincinnati, Ohio, reports that building is letting down somewhat, but that there is still more than enough work to keep all men who are available at present occupied.

Cleveland scales, which on July 1 recorded a wage of $1.40 an hour to marble cutters and setters, have been changed to $9 a day in these crafts. Stone cutters and tile setters have had wage reductions from $1.40 to $1.25 an hour, and plasterers' helpers have received an increase of 12½ cents an hour, making their present hourly wage 87½ cents.

Columbia, South Carolina, reports wage increases over the July scale as follows: Lathers, from $3 to $3.50 per thousand; plasterers and bricklayers, from 85 cents to 85-90 cents an hour; pipe coverers, plumbers, and steam fitters, from $1.12½ to $1.25 an hour; and roofers and sheet metal workers, from 80 cents to $0.80-$1.

Columbus, Ohio, reports normal conditions.

Dayton, Ohio, ornamental iron workers have obtained a raise from $1 to $1.16 an hour.

Des Moines, Iowa, scales show an increase of 12½ cents an hour for plumbers and steam fitters, who are now getting $1.25 an hour.

Detroit elevator constructors have received an increase in wages from $1 to $1.30 an hour. A shortage is reported in the trowel trades. In all other instances the supply of labor equals the demand.

Dubuque, Iowa, reports a raise in the wages of plasterers from $1.12½ to $1.37½ an hour, and of plasterers' helpers from 70 cents to 75 cents an hour.

Duluth, Minnesota, has sufficient labor to meet all requirements. Building permits equal those of last year and a substantial proportion is for dwelling houses.

Erie, Pennsylvania, reports a shortage of bricklayers, plasterers, and laborers. Laborers have received an increase in hourly wages from 45-50 cents to 45-55 cents an hour. There is no labor trouble.

Greensboro, North Carolina, finds laborers getting scarce. Many are migrating northward.

Houston, Texas, bricklayers and masons are to get a $1-a-day increase, to go into effect on September 28. Some however, are receiving it, which makes their daily wage $12. Gas fitters, plumbers and steam fitters have been granted a raise from $10 to $11 a day; hoisting engineers have obtained an increase from $8 to $8.50 a day; and tile setters from $9 to $10 a day.

Kansas City, Missouri, cement finishers, hoisting engineers, ornamental iron workers, and structural iron workers have asked for hearings to obtain wage increases. Lathers are to receive $1.25 an hour on September 1, a raise of 5 cents. Hod carriers serve as plasterers' helpers.

Los Angeles reports that the Contracting Plasterers' Association has granted to plasterers a $12 day wage scale which became effective July 7 and which is to remain in force for one year. There is an acute shortage of bricklayers, and a wide advertising campaign for this craft is contemplated. Building operations continue unabated and the outlook is satisfactory. Labor conditions are steady.

Memphis, Tennessee, painters are demanding $1 an hour, a 12½ cents raise; plasterers are demanding $1.37½ an hour, a 12½ cents raise—but in some cases $1.50 is being paid. Some employers are paying $1.50-$1.62½ for bricklayers. The scale for carpenters has changed from 60-85 cents to 60-87½ cents an hour.

Minneapolis skilled laborers are receiving 55 cents an hour; common laborers, 45 cents an hour.

Nashville, Tennessee, has a shortage of plasterers. In some cases these craftsmen are getting as high as $1.67½ an hour. Carpenters, while their scale is 65 cents an hour, get anywhere from 70 cents to 80 cents an hour.

New York City finds that two of the fifty-nine bricklayers who had signed up for work on public schools at $12 a day, after listening to speeches by Mayor Hylan, Chairman William J. Flynn of the committee on school construction, and A. J. Fogarty, chairman of the bricklayers' union, only two reported on the jobs. On June 18 the bricklayers' union leaders had pledged the city all the bricklayers needed when the bricklayers' scale on public school work was increased from $10 to $12 a day.

A $1-a-day bonus is now being paid to carpenters, cement finishers, electricians, lathers, painters, elevator constructors, gas fitters, marble cutters marble setters,, ornamental iron workers, pipe coverers, roofers, sheet metal workers, steam fitters, steam fitters' helpers, stone cutters, strucural iro workers, and tile setters.

Oklahoma City, Oklahoma, reports decrease in the day wage of labore from $4 to $3.50 a day.

Omaha, Nebraska, finds no change the building situation during the pa month. The temporary lull in contrac awarded seems to have passed a there is a fair volume of new wo in immediate prospect.

Philadelphia reports the followi hourly wage increases: Cement finis ers, from $0.90-$1 to $1; lathers fro $1.25 to $1.25-$1.37½; plasterers, fro $1.25 to $1.25-$1.75; bricklayers, fro $1.37½-1.50 to $1.50; marble cutte from $1-1.12½ to $1.12½; marble se ters, from $1.12½ to $1.25-1.37½; m sons, from $1.10 to $1.25; pipe covere from 85 cents to 90 cents; plumbe from $0.90-$1 to $1; and steam fitte from $0.90-$1 to $1.

Phoenix, Arizona, has a shortage cement finishers, electricians, lathe plasterers, and bricklayers. The fra chise for the Phoenix, Tucson, a Tidewater railroad has been grante This will give work to hundreds men. The Mormon Flat dam proje which will also require many men, getting underway.

Pittsburgh reports conditions about the same as during last mont All mechanics can still find plenty work. Bricklayers are being paid cents an hour above the regular $1. an hour scale.

Portland, Maine, reports a surplus carpenters and painters. There is shortage of plasterers, masons, stea fitters, and plumbers. In most cas plumbers are receiving bonuses. present there is also an acute shorta of bricklayers.

Richmond, Indiana, labor and gene conditions are good. Several industr buildings will be underway soon, which work may be carried on un the first of the year.

Richmond, Virginia, has a very s isfactory building situation. Few large permits have been granted in t last two weeks, but this is not d couraging to the trade. Everybody the building line is busy with wo that has been let in the past months, and the industry is having t best year in history. The city is sh several thousand residences, and, cause of continual population increa this shortage will not be relieved some time to come. Eight or ten la office buildings and department sto are under construction at present, several more are expected to be sta ed in the near future.

San Francisco union pile drivers wharf builders are out on strike $1.12½ an hour. A 25-cent bonus is g erally being paid to plasterers. American Plan still obtains, but a sc city of mechanics tends to induce nuses in many crafts.

Sharon, Pennsylvania, reports acute shortage of bricklayers. Ot crafts are about normal.

Shreveport, Louisiana, bricklay and plasterers are getting a bonus $1 a day. Painters went back to wo July 7 at the old scale of $1 an ho There is plenty of work, and no la shortage prevails.

Sioux City, Iowa, steam fitters demanding 95 cents an hour and r working conditions, which employ say is is impossible to meet. Negot tions are now in progress.

St. Paul, Minnesota, finds all employed. Building for the first

onths of 1923 was 20 per cent greater ian that of the same period of 1922. ay, June and July building shows a ecrease of about 15 per cent, and the otal for the year is expected to be bout the same as that of 1922.

St. Petersburg, Florida, has no shortge of labor of any kind. A few carentcrs are idle.

Tucson, Arizona, reports some deiand for good bricklayers and for bout twenty first class carpenters by eptember 1. A large sidewalk job that as been let can use extra mechanics rom outside of the city.

Webster City, Iowa, conditions are icking up somewhat with the coming arvest and the outlook for a big orn crop.

OAKLAND BUILDING ACTIVITIES

Since January 1st this year approximately $16,718,382 has been invested in uilding operations in Oakland, acording to William Breuer, secretary of he newly organized Master Plasterers' Association of Alameda County. Of his amount $1,671,838.20 or 10 per cent f the total has gone into plastering vork, Breuer says.

PUBLICATIONS

"Housing Betterment," issued quarerly by the National Housing Associaion, 105 East Twenty-second street, Vew York City, is a journal that disusses housing problems and activities f all parts of the civilized world. The irst half of the publication is devoted o progress in home building in foreign ountries, including most of the naions of Europe and several of Asia. The second half of the quarterly takes n almost every aspect of the building f houses in the larger cities of the Inited States. Some of the subjects liscussed in the July issue are the rent ituation, the housing shortage, home wnership, zoning, modified tax exempion, ventilation and soundproof rooms. A list of recent books and reports on housing and town planning is given in he last thirteen pages of the quarterly.

"Furnace Heating," by William G. Snow, member of the A. S M. E., and A. S. H. & V. E., has been recently revised and issued in its sixth edition. The author purposes to cover the installation and design of warm air and combination heating systems, covering he proportioning of pipes and Registers, the amount of hot air and changes required, velocity of cold water combination systems, and the laying out of a fan furnace system. In one chapter hat has been added to the revised edition, the main features of one pipe or pipeless furnaces, are covered.

"United States Steel Corporation Bulletin No. 9" is published by the Bureau of Safety, Sanitation and Welfare of the corporation to describe its principles and policies respecting the treatment of employes. Employment, accident prevention, first aid, emergency and base hospitals, sanitation, clubs, recreation and athletics, playgrounds, housing, education, and pensions are some of the subjects discussed.

"Deep Well Home Water Works" and "Duro Soft Water Systems," are the titles of two attractive pieces of literature that the Duro Pump and Mfg. Co., Decatur, Ill., has prepared for use as envelope stuffers by the dealers who handle Duro systems. Both are designed to heighten interest in water supply systems, and could be used to good advantage by anyone who is handling this kind of work.

Salvaging Worn-out Roads Via Asphaltic Concrete Surfacing

From a recent bulletin of the "Highway Information Service" we have extracted the following:

"One of the most vital situations confronting highway commissioners, boards of supervisors, city councilmen, highway engineers and, last but not least, the public, since the public finally pays the costs, is that of reconstructing the failing roads and highways built a few years ago either of design insufficient to carry the increased traffic or of paving materials that lacked durability.

"Today there are hundreds of miles of highways of various types, from the cheaper forms of gravel and macadam to the more expensive types, badly in need of repair and reconstruction. Vast sums of money have been spent in the construction of these roads, and unless something urgent is done the initial investment will soon be a total loss.

"Many of these pavements were built too narrow satisfactorily to carry the increased traffic that they have been called upon to support. It is necessary that they be widened. The vital question is how shall these highways be reconstructed into wider, durable pavements as a reasonable cost and without serious interruption of traffic during reconstruction.

Widened and Resurfaced With Substance

"Attention is called to a method that has been used in various parts of the Pacific Coast with great success. The method is by widening the existing pavements by the addition of asphaltic concrete shoulders, and resurfacing the entire width with asphaltic concrete. This method has proven highly successful with all types of pavements.

"Long interruptions of traffic are serious matters, especially on main trunk highways, and necessitates providing detours. Asphaltic concrete pavements can be opened to traffic as soon as cool, and it is not necessary to detour traffic for more than a few hunderd feet round the actual scene of paving operations.

"The reconstruction of old roads with asphaltic concrete converts them into excellent durable highways at a very reasonable cost. The money that was invested in the old pavements thus can be saved by using the old road in the form of a base course for the new pavement."

The bulletin further states:

"The degree of success to be had with any pavement surface is dependent upon the support afforded the pavement from the soil below. A well-drained, well-consolidated macadam pavement furnishes an excellent foundation for a roadway surface. While unsuited to direct use by motor traffic, it possesses a degree of rigidity that offers support to the pavement surface. It also possesses a degree of flexibility which enables it to absorb a portion of the impact shock imparted to a pavement surface by heavy traffic.

Method Has Been Tried Satisfactorily

"Michigan Boulevard, Chicago, was improved by paving with an asphaltic concrete surface over the existing macadam foundation. After fifteen years of service this pavement is in excellent condition, and for the past few years over 20,000 vehicles per day have passed over it without interruption. In the San Francisco Bay region, the heaviest traveled highway is that known as the 'Wishbone Route.' This pavement was laid in 1914. It carries in excess of 3,000 vehicles per day. It is in excellent condition and has required only small expenditures for maintenance. Between San Jose and Oakland, Calif., is a stretch of the same type, also paved in 1914. This pavement carries over 2,500 vehicles per day. It is in excellent condition and no money has been required to maintain it."

MAHOGANY IS GROWING FACTOR IN PACIFIC COAST TRADE

That mahogany is a growing factor in Pacific Coast trade affairs is amply indicated by the activities of the office of the International Mahogany & Trading Corporation, 260 California street, San Francisco. As Pacific Coast representative for this concern, J. O. Elmer explains that this is the first genuine mahogany manufacturers actually to establish an office on the Pacific Coast. The company makes genuine mahogany lumber and veneers at New Orleans, where large stocks are carried. Shipments through the Panama canal to this coast have been very heavy and handled quite satisfactorily, and, since establishing an office here, the company has experienced an exceptionally encouraging business, reecting demand here for top quality materials. The San Francisco office has been designated permanent headquarters for this coast. This concern's lumber and veneer is manufactured from logs imported from Panama, Nicaragua, Honduras, Mexico and Africa, thus adding considerable to international trade volume.

FOREST PRODUCTS COURSES ARE OFFERED WOOD INDUSTRIES

Short courses of instruction for the benefit of industries using wood as a raw material are being offered by the Forest Products Laboratory of the United States Forest Service at Madison, Wisconsin.

The first group will be in Kiln Drying of Lumber, Gluing of Wood, and Wood Properties and Uses (for lumber salesmen), dates for which are as follows:

Kiln Drying Lumber, Sept. 10-21.
Gluing of Wood, Sept. 10-15.
Wood properties & Uses, Sept. 10-15.

Fifty of these educational short courses have already been given by the Forest Products Laboratory, and have been found to be a very material help to the wood-using industries. It is well recognized that personal instruction with demonstrations, exhibits and discussions is a much more effective means of making new information available to the practical man than are bulletins, circulars or other printed literature.

MUNY WATER WORKS PAYS

The financial report of the Yuba City Water Works, owned and operated by Yuba City, shows that the plant has proved a money-maker. During the fiscal year ending June 30, the revenue from the works was sufficient to cover costs of all depreciation of the plant, meet the taxes, retired some of the bonds, pay interest on some of the remaining bonds and to permit of a loan of $22,000 cash to Yuba City, this money being spent in needed improvements in other branches of the city government.

STANDARDIZATION BODIES MEET IN SWITZERLAND

A conference of the secretaries of national industrial standardizing bodies was held in Switzerland, July third to seventh. Thirteen counties were represented, including all of the more important industrial nations of Europe and America. The sessions were held in Zurich and in Baden.

A leading topic discussed by the conference was the interchange of information between the various national bodies during the development of the work in the different countries. At the first conference held in London two years ago arrangements were made for the systematic interchange of completed work, and to some extent, of information on work in progress. Experience had shown such an early interchange to be extremely important for the work within the different countries from the national viewpoint alone, and quite irrespective of the question of international standardization.

While it was not possible to overcome all the difficulties existing by virtue of the important industrial considerations involved, very substantial progress was made. It is believed that the steps taken will lead immediately to a substantially increased amount of interchange of information during the earlier stages of standardization work, and that the way has been paved for a much more extensive interchange in the future.

Provision was made for continuing the work of the conference on the many administrative problems of common interest, through a loose-knit continuing organization. An example of such work planned by the conference is the translation of technical terms of special importance or difficulty in standardization work. There will gradually be built up such a vocabulary of technical terms, mainly in English, French, and German, but supplemented as far as may be feasible and necessary by the corresponding terms in other languages. Another example is the work undertaken by the conference on the classification and nomenclature of standards.

BAY BRIDGE SPAN GETS WAR DEPARTMENT APPROVAL

Actual construction of the $2,000,000 bridge across San Francisco Bay, from a point three miles east of Redwood City to Alameda County, will probably be started the latter part of September, according to an announcement of Frank K. Towne, president of the Dumbarton Bridge Association. The War Department has placed its final approval on the project.

The structure will be 5505 feet in length and 28 feet wide of steel and concrete construction, having six spans, each with centers of 206 feet and a huge draw of the "lift type" with a 200 foot opening and a 135 foot lift.

Harrington, Howard & Ash, bridge engineers of New York and Kansas City, will supervise construction of the project.

VALLEJO CLAY PRODUCTS FIRM IS SUED

A third suit has been filed at Fairfield against the Steiger Clay Products Company of Vallejo, the American Dredging Company of California starting legal action to recover $3935. The plaintiff alleges that according to the terms of a contract with the defendant, it performed services in supplying and towing lighters and barges to and from the factory but has not been paid although repeated demand has been made.

Building Material Exhibit Will Be Feature of Industries Exposition

The 3rd Annual California Industries Exposition will be held in the San Francisco Auditorium from Nov. 17 to December 2, inclusive. Heretofore eligible exhibits were confined to "Made in California" products. This year to enlarge the exposition the bars are down and manufacturers and distributors who represent Eastern connections will be permitted to exhibit.

General Manager A. A. Tremp informs the Building and Engineering News that a section of the Auditorium will be devoted to an exhibit of Building Materials and another section will be devoted to a Better Homes Exhibit.

The Exposition draws an attendance of about half a million people the majority of whom are interested in building and better homes. Manufacturers and dealers should take advantage of the opportunity to exhibit at this important annual event.

The Exposition is given by the Central Bureau and Program Committee of San Francisco organizations of which the Lumber Association and the Builders' Exchange are part. The Exposition is not conducted for profit. Exhibit space is very reasonable and it is stated that it is being rapidly reserved.

Application for space should be made at the Exposition offices in the Auditorium.

1923 CONSTRUCTION IS WELL AHEAD OF 1922

The very real likelihood of an industrial depression did not dissolve into a mere possibility until the middle of July, when Engineering News-Record's (New York), construction barometer said: "When a number of red flags are displayed for considerable period of time it is likely that the danger indicated will be avoided." This danger in the construction industry was a large-scale buyers' strike, caused by high cost.

There was a buyers' strike in the larger centers, but the construction thus curtailed was proportionately small, and the actual volume (not mere money value) of construction in 1923 is well ahead of 1922.

Interest centers chiefly in construction cost as the critical element of the situation. Since October, 1922, it has risen until at the beginning of June it reached a point 121 per cent above 1913. It has maintained that level to date, and is 28 per cent above a year ago.

Construction cost is high because the country is oversold on building materials and the demand for labor is such as to encourage high wages. Last year's construction amounted to $4,500,000,000. Contracts awarded in the first half of 1923 reached $3,000,000,000.

The only practical relief is in producers of construction materials catching up on their orders. Contract letting declined 14 per cent in July, with indication of a further falling off in August. This is, of course, seasonal and should furnish the breathing space needed to fill present orders. The unfilled steel tonnage curve (see the Construction Barometer, July 26) indicates this catching-up process on the part of the United States Steel Corporation. That general business remains active is shown by heavy freight car loadings. Total loadings for the week ended July 21 was 1,028,927 cars, which is the heaviest in the history of railroading.

ARCHITECTS' CONGRESS IN CHILE IS PLAN

The Second Pan-American Congress of Architects will meet September 10-20 at Santiago, Chile, to consider questions bearing on the scientific, social, legal, artistic, and technical aspects of the profession. The active membership fee, giving title to all privileges and the right to vote is one pound sterling; that for passive membership is ten shillings, which confers all privileges, including a detailed report of the proceedings, except the right to vote. Ricardo Larrain Bravo is president of the Congress, and Ricardo Gonsales C. is general secretary. His address is Bolsa de Commercio Of. 307, Bandera, 75, Santiago de Chile.

JULY CEMENT PRODUCTION

Production of portland cement in July was somewhat greater than in June and more than 1,000,000 barrels greater than in July, last year. Total production for the month was 12,620,000 barrels, according to the United States Geological Survey. For the first seven months of this year production was very close to 75,000,000 barrels—an increase of more than 28% over the best previous record for that period.

Shipments from the mills during July amounted to about 13,700,000 barrels—an increase of 400,000 barrels over June, but slightly under July, a year ago. Shipments for the seven months' period ending July 31, were approximately 76,000,000 barrels, a quantity greatly in excess of that moved in any similar period during past years.

Notwithstanding the very heavy demand for cement experienced during this year, stocks of cement at the end of July amounted to about 8,000,000 barrels, or only slightly under those of a year ago.

DEVELOPMENT OF WATER POWER

According to a survey by the Conjoint Board of Scientific Societies of Great Britain, the United States leads all counties in developed and potential hydro-electric power. It places potential energy at 28,100,000 horsepower. American engineers, however, place undeveloped power capable of commercial utilization at 50,000,000 horsepower. Canada is second with 22,900,000 horsepower, Norway third with 6,500,000, Austria-Hungary fourth with 6,460,000, and France fifth with 5,587,000 horsepower.

The Central Pacific Railroad Company has been authorized by the Interstate Commerce Commission to proceed with the construction of the Natron-Cut-Off in Oregon. Under the authorization the work must be started by January 1, 1924, and completed within two years. The line will start at Oakridge, Oregon, and run 118 miles to a point near Kirk, Oregon. The cost of construction is placed at $16,000,000. The Commission denied the request of the railroad company to retain excess earnings as a part of its program to finance construction of the line.

Homer Spellman Votaw of Chopaka, Wash., has been granted a patent for a safety apparatus for railway rolling stock embodying a car truck and comprising rotatable shafts carried by the car truck and engageable with the rails upon derailment of the car, said shafts having a pair of flanges engageable with either side of the rails.

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $32,000
SAN FRANCISCO, W Polk 80 S Union
Three-story and basement frame (6) apartments.
Owner—Tong Damico, 889 Filbert St., San Francisco.
Contractor—F. C. Amoroso, 1336 Kearny St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $20,000
SAN FRANCISCO, NW Fulton and Masonic Ave.
Three-story and basement frame (12) apartments.
Owner—W. R. Voorhies, 12 Loyola Terrace.

Contract Awarded.
APARTMENTS Cost, $24,000
SAN JOSE, Santa Clara Co., Cal., 7th and San Carlos.
Two-story frame apt bldg. (9 apts.)
Owner—J. O. Boesch, 318 S 10th St., San Jose.
Architect—C. Higbie.
Contractor—E. Nommensen, 101 S 16th St. San Jose.

Bids Wanted For Plumbing, Masonry and Electrical Work.
APARTMENTS Cost, $125,000
SAN FRANCISCO, NE Washington and Franklin.
Five-story brick apt. (32 3, 4 and 5-rm. apts. with 2 baths each, roof garden, etc.)
Owner—Mrs. Grace Perego and John Kincanon, 159 Sutter St., S. F.
Architect—W C. Mahoney, 159 Sutter St., San Francisco.

Bids Wanted For Plumbing, Masonry and Electrical Work.
APARTMENTS Cost $——
SAN FRANCISCO, N. Washington 90 E Franklin.
Three-story and basement frame (6) apartments.
Owner—Kincanon & Perego, 159 Sutter St., San Francisco.
Architect—W. C. Mahoney, 159 Sutter St., San Francisco.

Concrete Work Contract Awarded.
APARTMENTS. Cost, $—
SAN FRANCISCO, Broadway, between Webster and Steiner.
Five-story reinforced concrete Class C apartments (2 6-room apts. on each floor.)
Owner—M. Gnecco.
Architect—E. E. Young, 2002 California St., San Francisco.
The reinforced concrete work has been awarded to Fred Moller and R. De Lucca. Call Bldg.

Contract Awarded.
UNDERTAKING PARLOR $28,000
BERKELEY, Alameda So., Cal., NE Adeline and Essex Sts.
Two-story and basement frame & tile undertaking parlors and apts.
Owner—A. J. Hillhouse & Wm. M. Hull, 2901 Grove St., Berkeley.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—F. W. Maurice, 1362 E-25th St., Oakland.

Contract Awarded.
APARTMENTS Cost, $18,000
OAKLAND, W Lakeshore Ave. 346 N Rand Ave.
Two-story frame apts. and 4 garages.
Owner—Virginia Da Cosse.
Contractor—Alex F. Marshall Co., 1428 Franklin, Oakland.

Contract Awarded.
APT. BLDG. Cost, 14,000
OAKLAND, S Montana Blvd. 174 W Rand Ave.
Two-story 12-room frame apt. bldg.
Owner—C. B. Roy, 474 Stow Ave., Oakland.
Contractor—Diestal & Vezina, 474 Stow Ave., Oakland.

Completing Plans.
APARTMENTS Cost, $25,000
SAN FRANCISCO, S Union 68 W Jones.
Three-story and basement frame (6) apartments.
Owner—M. DeMartini, 946 Broadway, Oakland.
Architect—P. F. DeMartini, 946 Broadway, Oakland.

Contract Awarded.
APT. BLDG. Cost, $15,000
OAKLAND, S 40th St. 350 E West St.
Two-story 12-room apt. bldg. and garage.
Owner—D. N. Fraser.
Contractor—Harry C. Knight, 388 12th St., Oakland.

Plans Complete.
APARTMENTS Cost, $10,000
SAN FRANCISCO, N Post 200 W Webster Street.
Remodel present bldgs for (12) apts.
Owner—S. L. Mash, Kearny and Bush Streets, San Francisco.
Architect—M. G. Bugbee, 619 Washington St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $60,000
SAN FRANCISCO, SE California and Octavia.
Four-story reinforced concrete (18) apartments.
Owner—M. A. Hunt, 1332 Lombard, S. F.
Contractor — The Helbing Co., 1332 Lombard St., S. F.

To be Done by Day's Work.
APARTMENTS Cost, $10,000
SAN FRANCISCO. SW Seventeenth Ave. and Irving St.
Two two-story and basement frame (4) apartments.
Owner—A. M. Selinger, 1601 Irving St., San Francisco.

LOS ANGELES, Cal — Architects Schultze & Weaver, Pacific Mutual Bldg., are preparing plans for a 12-sto. Class A apartment house to be erected on Grand Ave. bet. 5th and 6th Sts., for the Central Investment Co. The building will be similar in style and construction to the Biltmore Hotel and will be operated in conjunction with the hotel. It will contain 500 rooms and will be of steel frame construction, brick filler walls, reinforced concrete floors, pressed brick and cast stone exterior, hardwood trim, tiled baths, tile and marble work, steam heating, elevators, refrigerating system, etc. The cost will be about $3,000,000.

LONG BEACH, Cal.—See "Theatres," this issue.

LOS ANGELES, Cal.—The Ransford-Goble Co., 1643 Highland Ave., is preparing plans and will erect a $120,000 4-story and basement class C brick nurses' home hotel and apt. bldg. at n.e. cor. Orange and Bonnie Brae Sts., for H. A. Pierce. Ten single apts, each with bath, kitchen and dressing rm. on first fl., 18 hotel rms., one bath for each 2 rms. and dining rm. and kitchen on each of the upper fls., lobby, basement lockers, comp. rf., face brick exter., aut. elec. elevators, steam heat, hardw. fls., steel sash, art. stone trim, fire escapes.

LONG BEACH, L. A. Co., Cal.—The Ransford-Goble Co., 1643 Highland Ave. is preparing plans and will erect a $1,500,000 8-story, reinf. conc. class A apt. bldg., at n.e. cor. 3rd Pl. and Ocean Ave., Long Beach, for G. Canterbury and W. Bradford. The bldg. will be 11-story on the beach front and will contain 16 shops in the arcade bet. the two fronts and 320 2 and 3-room apts. in the upper stories. Found., 110x270 ft, basement and sub-basement, reinf. conc walls, fls. and rf. slabs, 4 elevators, lobby finished in hardw., tile and plas. face brick, exter. on 3 sides, basement auto storage, conc .and iron fire escapes and balconies, amusement rm., beauty parlors, barber shop and other community services on 2nd fl., children's playrm., plunge bath, tile kitchens and bath in each apt., steam ht., vacuum cleaning, basement refrigerating plant, circulating ice water, carpeted halls, oak fls. throughout, commissary and lockers in basement, public dining rm. on roof, terra cotta trim, wall beds.

LOS ANGELES, Cal.—Archts. Davies & Baume, 1010 Farmers & Merchants Bank Bldg., Long Beach, are completing working drawings for a $300,000 5-sto., brick and steel apt. bldg., to be erected by Contractor R. A. Butterfield, 919 E. 17th St., Long Beach, at Broadway and Magnolia Ave., Long Beach, for himself. Found., 70x173 ft., 78 2 and 3-rm. apts., each with bath, face brick exter., tile rf., steel basement lockers, 2 automatic electric elevators, tile baths and kitchens, hardw. lobby finish, tile and marble entrance, roof amusement room, steam htg., individual refrigerating plants in each apt., fire escapes.

LOS ANGELES, Cal.—Archts. Baume & Davies, 1010 Farmers & Merchants Bank Bldg., 3rd St. and Pine Ave., Long Beach, are preparing working drawings for a $1,000,000, 12-sto., reinf. concr. apt. bldg., to be erected on Linden Ave., Long Beach, by Contractor James Butterfield, 1469 Coronado St., Long Beach, for himself; 144 2 and 3-rm. apts., each with bath; white Carrara marble facing lower 3 stories, terra cotta and tile remainder, rel Italian marble in lobby, 4 electric elevators, steam heating, steel lockers in basement, tile baths and kitchens, gymnasium, amusement rm. and children play rm. on the rf., art stone and iron grille fireplaces, individual refrigeration units, fireplaces.

LOS ANGELES, Cal. — Consolidated Bldg. & Invest. Co., 25 Consolidated Realty Bldg., have prepared plans and will erect a 2-story frame and plaster apt. bldg. at 4978 Pasadena Ave., for themselves; will contain 44 rooms, divided into 20 apts. Cost $44,000.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbls. $2.00 Gal.
5 GAL. CANS 11.25 Net
F.O.B. SF
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF
PHONE SUTTER 5917

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

LOS ANGELES, Cal.—Meline Co.-Koerner-Gage, 300 Sun Drug Bldg., have completed plans and have the contract to erect a 4-story class C apt. bldg. to be erected at 1716 W 9th St., for F. M. Ruthfield; will contain 159 rms. divided into 73 apts. with janitors apt. and lobby. Brick 4-story and basement, comp. rfg., tile, O. P. and hardwd. fls., steam htg. system, elec. elevator, plate glass, metal lath, press. brick facing, caen stone trim, wall beds marble steps, metal skylights, wrought iron balconies, aut. fire doors, incinerator, O. P. trim, ornam. plas., wire glass, nursery and roof garden; $192,000.

LOS ANGELES, Cal. — Arthur C. Wright Co., 1515 W 6th St., has prepared plans and has the contract to erect a 3-story apt. bldg., at 509 S Union Ave., for A. Singer. Stucco, 3-story and part basement, tile and comp. rfg., hardw. and O. P. fls., tile baths and drainbds., metal skylights, gas rads, unit water htr., O. P. trim, wall beds, ornam. iron balconies, staff; $75,000.

LONG BEACH, Cal.—Archts. Piper, Kahrs, Dedrick & Bobbe, 38 Locust Ave., Long Beach, are preparing plans for a 3-story brick apt. bldg. to be erected at s.e. cor. Hermosa Ave. and Second St., Long Beach, for the Long Beach Realty Co., 253 E First St., Long Beach. Found. 50x150 ft. Thirty apts. Work will be done by contract.

LOS ANGELES, Cal.—William Allen, 1005 Bank of Italy Bldg., has completed plans for a 3-story apt. bldg. to be erected at 357 S Witmer St., for W. W. McFarlane, 5250 Fountain Ave.; will contain 48 rms., divided into 24 apts. Frame and plas. constr., 3-story and part basement, 44x100 ft., comp. rfg., cem., O. P. and hardw. fls., tile baths and drainbds., unit water htr., dumb-waiter, wire glass, wall beds, metal skylights, O. P. trim, fire escapes; owner will erect by day labor.

LOS ANGELES, Cal.—Christ Thoren, 6764 Hawthorne Ave., has the contract at about $150,000 to erect a 4-story and basement class C apt. bldg., on Ardmore Ave., bet. 6th St. and Wilshire Blvd., for the Ardmore Corp. It will contain 50 rms., 18 apts., 103x75 ft., press. brick and cast stone facing, comp. rfg., pine trim, oak fls., tile baths and drainbds., wall beds, steam htg., elevator, refrigerating system, lockers. Walker and Elsen, 325 Pac. Finance Bldg., archts.

BONDS

SAN DIEGO, Cal.—Board of Education will ask a bond issue soon to provide for an improvement program totaling $1,613,700. The proposed program involves the following expenditures, including the total cost of each development, building, grounds and equipment: La Jolla $75,000; East San Diego, $440,000; Loma Portal junior high school, $25,000; Sherman school, $275,000; Felton and Redwood, $108,000; Loma Portal elementary school, $9800; Washington school (land only), $25,000; Jefferson school (land only), $8000; auditorium for the senior high school, $425,000; a school administration building, $12,000; high school gymnasium, $120,000; Cholas Valley school, $20,000. Total for building, $1,386,00; total for land, $78,000; total for equipment, $149,700.

REDWOOD CITY, San Mateo Co., Cal.—County supervisors sell $50,000 bond issue of Burlingame School District for premium of $120. Proceeds will finance school improvements. Ernest Norberg of Burlingame is the architect.

LOS ANGELES, Cal.—Archt. Harry L. Pierce, 603 Wright-Callender Bldg., is completing plans for a $200,000 church, to be erected in 3 units, at Fairfax and Fountain Avenues, West Hollywood, for the Crescent Heights Methodist Episcopal Church. The first unit which will be built at this time will contain auditorium and balcony to seat 750 people, with Sunday school rooms; frame and plas. constr., 70x115 ft., tile rfg., hardwood and O. P. fls., fan sys. of ventilation, gas rads., water htrs., O. P. trim.

FRESNO, Fresno Co., Cal.—County Supervisors sell $75,000 bond issue of Kerman Union High School District for premium of $462; proceeds will finance school improvements.

RED BLUFF, Tehama Co., Cal.—Until Sept. 11, bids will be rec. by county supervisors for purchase of $35,000 bond issue of Vina School District; proceeds of sale to finance school improvements.

TACOMA, Wash.—Board of Education plans to call election to vote bonds of $2,400,000 to finance construction of new schools and additions to standing structures.

OROVILLE, Butte Co., Cal.—County supervisors sell $90,000 bond issue of Durham High School District for premium of $11. The bonds were sold at private sale. Proceeds will finance construction of new high school.

NAPA, Napa Co., Cal.—Until Sept. 4, bids will be rec. by county supervisors for the purchase of the $5000 bond issue of the Browns Valley School District; proceeds of sale to finance school improvements.

CHURCHES

Preliminary Plans Prepared.
CHURCH Cost, $75,000
SACRAMENTO, 29th & J Sts.
Brick and stucco church with terra cotta trim.
Owner—First Congregational Church.
Architect — E. C. Hemmings, Ochsner Bldg., Sacramento.

LONG BEACH, Cal.—Archt. Harry L. Pierce, 603 Wright-Callender Bldg., is preparing plans for a new church bldg. on Atlantic Ave., Long Beach, for the Atlantic Ave. Congregational Church; will contain auditorium and balcony to seat 1000 people, basement with social rms. and kitchen, restrms., etc. Reinf. conc. and frame constr., tile rfg. gas htg., vtg. sys., hardw. fls., art and stained glass; $100,000.

CHICO, Butte Co., Cal.—Until Aug. 23, bids will be rec. by Cole & Brouchoud, Waterland-Bresinuer Bldg., Chico, to install oil burner steam heating plant in Chico Presbyterian Church; est. cost, $4,000. Plans obtainable from architectss.

MADERA, Madera Co., Cal.—Construction has been started on new Christian Science church at West Yosemite Ave., and N st., by the Madera Home Builders. Contract for carpentry work has been let to Dan Sunia and the masonry work to C. H. Boles. Will be hollow tile construction, 20-30-ft. Swartz and Ryland, architects, Rowell bldg., Fresno.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

LOS ANGELES, Cal.—Archt. Elmer Grey, 622 Bank of Italy Bldg., has completed plans for a class A addition to the Second Church of Christ Scientist Bldg. at Adams and Hoover Sts. It will contain Sunday school rms. and will be 1-story and part 2-story, 50x100 ft., reinforced conc. constr., press. brick facing, steam htg., hardw. fls. and trim.

FACTORIES AND WAREHOUSES

Contract Awarded.
FACTORY. Cost, $—
LIVERMORE, Alameda Co., Cal., Chestnut St., bet. M and N Sts.
One-story hollow tile factory, with concrete floors, 40x60.
Owner—Oso Products Co. (E. F. Wells, Pres.), 1053 Mission St., S. F.
Architect—None.
Contractor—J. R. Bennett, Livermore.

Plans To Be Prepared.
LAUNDRY Cost, $100,000
SAN FRANCISCO.
Large fireproof laundry plant bldg.
Owner—American Laundry Co.
Architect—Shea & Shea, Chronicle Bldg San Francisco.

Bids Wanted for Fabrication & Erection of Structural Steel—Bids Close August 28, 1923, 12 Noon.
FOUNDRY Cost, $70,000
SAN FRANCISCO, Spear and Folsom Streets.
One-story steel, concrete and corrugated iron foundry 137x275.
Owner—Great Western Smelting & Refining co., 75 Folsom St., S. F.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Plans may be obtained from the architect's office on a deposit of $15.
Plans for the general contract will be ready for figures in about a week so portions of the work will be let separately.

General Contract Awarded—Bids Being Taken For Plumbing and Electrical Work.
LAUNDRY Gen. contr. price $47,676
SAN FRANCISCO, Howard and Fallmouth Streets.
One-story & mez. floor, reinforced concrete laundry building 90x160.
Owner—Hotel Owners' Laundry Association.
Architect—Meyer & Johnson, Bankers' Investment Bldg., San Francisco.
Contractors—Fennell & Chisholm, 180 Jessie St., S. F.
Bids are being taken for plumbing & electrical work.

Contract Awarded.
STORAGE BLDG. Cost, $—
SAN FRANCISCO, NE Geary & Emerson Sts.
Seven-story reinforced concrete storage building.
Owner—Bekins Fireproof Storage Co., 13th and Mission Sts., San Francisco.
Engineer — Edw. T. Flaherty, I. W. Hellman Bldg., Los Angeles (deceased).
Contractor—Clinton Construction Co., 923 Folsom St., S. F.

General Contract Awarded—Sub-Figures Being Taken.
FACTORY Cost $—
SAN FRANCISCO, S Mariposa between Bryant and Florida Sts.
Two and 3-story reinforced concrete factory building.
Owner—Nucoa Butter Co., premises.
Engineer — Francisco & Jacobus, 511 5th Ave., New York.
General Contractor—J. A. Bryant, 180 Jessie St., S. F.
Mr. Ludlow, 155 Townsend St., S. F., is representing the engineers and is now taking bids for the plumbing, heating, electrical work and elevators.
The contract was awarded on cost plus, lump sum basis.

Contract Awarded.
BUILDING Cost $35,000
SAN FRANCISCO, SE Brannan & Gilbert.
Two-story concrete building.
Owner—Chas. E. Phillips Co., 907 Bryant St., San Francisco.
Plans by owner.
Contractor — Coast Constr. Co., 918 Crocker Bldg., San Francisco.

Contract Awarded.
SHOWROOM ETC. Cost, $15,000
OAKLAND, 10th and Alice Sts.
One-story class C showroom and factory bldg.
Owner—Forbes Supply Co.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Sub-figures will be taken in about a week.

Segregated Figures To Be Taken in a Few Days.
FACTORY & OFFICE Cost, $100,000
SAN FRANCISCO, 19th, Florida and Alabama Streets.
Two-story reinforced concrete factory and office buildings.
Owner—Pelton Water Wheel Co.
Engineer—W. W. Hanscom, 848 Clayton St., San Francisco.
Figures will be taken for a general contract ,plumbing, heating, electrical work and elevators.

LOS ANGELES, Cal.—J. S. Metzger & Son, 559 Mission Rd., has the contract at $55,000 to erect a four-story Class "C" store and loft building at 932 S. Hill St., for Chas. A. Chase; will contain stores on first floor with lofts above. Brick walls, 50x148 ft., composition roofing, terra cotta front, electric elevator, plate glass, steel sash, gas steam radiators, maple floor, tile entrance, O. P. trim. Plans by A. Godfrey Bailey, 410 Junior Orpheum Bldg.

ZANTE, Tulare Co., Cal.—Paul Mosedian & Co., will start construction at once of a $50,000 cold storage plant for citrus products.

LOS ANGELES, Cal.—Archt. Simeon Charles Levi, 329 Douglas Bldg., resident archt. for Henschien & McLaren of Chicago, has completed plans and is taking bids for a 2-story class A meat packing plant, to be erected at 1337 Willow St., for John Morrell Co. Dimensions, 80x140 ft., reinf. conc. construction, basement, comp. rfg., conc. fls., steel sash, refrigerating sys., hollow tile smoking rms., cork insulation, elec. elevator, cold storage doors, boilers, designed for future story; cost $150,000.

NAPA, Napa Co., Cal.—M. O. Evans, representing the California Co-Operative Canneries, 504 Market St., San Francisco, is conferring with Napa County Farm Bureau regarding the establishment of a $300,000 canning plant in Napa county. It is proposed to erect a plant similar to those in operation at Visalia and Modesto.

FAIRFIELD, Solano Co., Cal.—J. W. Lattin, 4223 San Bonita St., Sacramento, at approximately $70,000 awarded contract by Sacovalley Meat Canning & Provision Co. (in future to be known as Thelen Meat Products Co.), to erect a steel and concrete packing plant. The structure will be constructed over a slough and will set on concrete piles.

SEATTLE, Wash. — R. A. Gillespie, plant superintendent, American Can Co., announces plans are being made by company engineers for the erection of a four-story reinforced concrete addition to the present plant. The addition will be 125 by 225 ft., and will be erected at the foot of Clay street.

LOS ANGELES, Cal.—Robertson & Evans, Grant Bldg., have the contract to erect a 6-sto. class A loft bldg., at the s. e. cor. of 6th and Lebanon Sts., will cost about $150,000. Chas. M. Hutchison, Central Bldg., is the arcnt. Work is being started. Excavating for F. M. Peck and W. W. Paden. It was completed some time ago. The bldg. will be of reinf. concr. constr., press. brick facing, plate glass, comp. rfg., metal skylights, steel sash, gas htg., elevator.

LOS ANGELES, Cal.—Archt. W. J. Saunders, 227 Laughlin Bldg., has prepared plans and is taking bids for erecting a 4-sto. addition to a warehouse on Traction Ave., near Santa Fe Ave., for California Warehouse Co. Dimensions, 75x100 ft., reinf. concr. frame and fls., brick filler walls, brick or stucco front, comp. rfg., steel sash, steel rolling doors, elevator, extension to heating system. All work exceut elevator will be included in one contract.

LONG BEACH, Cal.—Dan Duval and E. R. Gibson, formerly props. of the Queen City Laundry, Long Beach, have incorporated the Ideal Laundry Co. for the purpose of erecting a $200,000 laundry plant on E. Anaheim ltd. near Walnut Center, Long Beach. Newton M. Todd, atty.

OAKDALE, Stanislaus Co., Cal. — Oakdale Lumber Co. has started construction of a new planing mill for the manufacture of window frames, cabinet work, etc. Will be corru. iron construction, 40 by 60 ft.; est. cost $8000.

FLATS

Plans Being Figured.
FLATS Cost, $14,500
SAN FRANCISCO, N Chestnut 164 E Van Ness Ave.
Two-story and basement frame (3) flats.
Owner—J. O'Connor.
Architect—Albert J. Fabre & E. H. Hildebrand, 110 Sutter St., S. F.
Figures are being taken for a general contract.

Contract Awarded.
FLATS Cost, $10,580
SAN FRANCISCO. E Sanchez St. 89 S Elizabth St.
Two-story and basement frame (2) flats.
Owner—H. J. Trowbridge, 646 Folsom St., San Francisco.
Architect—E. A. Essmann, 277 Diamond St., San Francisco.
Contractor—C. Lindberg, 257 S. Currey St., San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost, $29,500
OAKLAND, NW 8th Ave. & E-12th.
One-story and mez. class C garage (except gas vents, skylights vents, parts dept. etc., sliding door etc.)
Owner—H. L. McCoy.
Architect—A. W. Smith, 1010 Broadway Oakland.
Contractor—Geo. A. Scott, 685 23rd St., Oakland.

Contract Awarded.
AUTO SALES BLDG. Cost, $35,000
SACRAMENTO, Cal., SE Fourteenth & K Streets.
One-story brick auto sales building with cement exterior and tile roof Spanish type, steel windows, etc.
Owner—Drs. Frank, Richard L. and Grove I. Ochsner.
Lessee—Reo Motor Car Co.
Architect — E. C. Hemmings, Ochsner Bldg., Sacramento.
Contractor — Wm. Murcell, Ochsner Bldg., Sacramento.

Plans Being Figured.
BUILDINGS Cost $—
SAN FRANCISCO, N Market 55 E Waller.
Group of six auto laundry buildings, 1 concrete and five frame (stores, gasoline station, washing sheds etc.)
Owner—Central Finance Corp.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Figures are being taken for a general contract.

WANTED

First class mill work estimator. Must be able to list from plans on large or small buildings and b.ll and detail special mill work for our factory in Stockton, California, employing about 25 men. Must have good selling ability. State experience, age, and salary wanted. Permanent position and advancement for one qualified.

Fisher Bros. Planing Mill
141-151 W. Channel St., Stockton
8-25

Segregated Figures Being Taken.
GARAGE & STORES Cost, $25,000
SAN FRANCISCO, SW Ellis and Buchanan Sts.
One and 2-story concrete garage and stores.
Owner—B. Getz, Chronicle Bldg., San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Bids will be taken for all work except concrete and brick work.

GOVERNMENT WORK AND SUPPLIES

HONOLULU, T. H.—Until Oct. 15, 11 A. M., bids will be rec. by U. S. Engineer Office, Honolulu, to construct breakwater, Hilo Harbor, T. H. Further information obtainable from U. S. Engineer Office, 101 Customhouse, San Francisco, or from office at Honolulu.

WASHINGTON, D. C.—Until Aug. 31, 10:30 A. M., bids will be rec. by General Purchasing Officer, Panama Canal, for fur. and del. Balboa (Pacific Port), following materials under Circular No. 2330: Electric Welding Wire, Flexible Conduit, Lead Pipe, Range Boilers, Shower Heads, Spot and Flood Lights, Steel Chain, Hinges, Bolts, Twist Drills, Valves, Cocks, Pipe Taps, Stillson Wrenches, Matlocks, Cold Chisels, Hacksaw Blades, Thumb Tacks, Fiber Packing, Varnish Brushes, Lumber Crayons, Oil Board and Car and Locomotive Engine Oil. Further information regarding this Circular may be obtained from Assistant Purchasing Agent, Fort Mason, San Francisco.

WASHINGTON, D. C. — Following bids rec. by Bureau of Yards and Docks, Navy Department under Specification 4864, for electric freight elevator, pier No. 1, navy yard, Puget Sound, Wash.:

Item 1, entire work, complete; 2, on bidder's modified design.

Otis Elevator Co., Washington, item 1, $6650.

Warner Elevator Co., Cincinnati, item 1, $6700.

S. Heller Elevator Co., 220 Milwaukee St., Milwaukee, Wis., item 1, $6,956; 2, $6420.

Kaestner & Hecht, 1500 N Brandt St., Chicago, item 1, $9000.

SAN FRANCISCO—Until Aug. 31, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4753, for fur. and del. Rio Vista, Solano county, 5 tons (2000 lbs. to ton) blacksmith coal.

WASHINGTON, D. C.—Plans are being made by the Bureau of Yards and Docks, Navy Department, for the following projects of interest to Pacific Coast contractors, further information on which will be given when bids are desired:

Specification 4893, Puget Sound, Wash., interior painting.

Spec. 4894, Puget Sound, Wash., repairs to marine quarters Nos. 1, 2, 3, and 4.

Spec. 4895, North Head, Wash., barracks, quarters, and engine house.

Spec. 4896, Cavite, P. I., re-construction of station wharf, bids to be opened at yard.

Spec. 4897, Puget Sound, Wash., 3 200-ft. radio masts.

WASHINGTON, D. C—Following bids rec. by Bur. of Yards and Docks, Navy Department, under Spec. 4861, for electric traveling bridge crane at the Puget Sound navy yard, Wash.:

Cleveland Crane & Engineering Co., Wickliffe, Ohio, item 1, $13,850.

Cyclops Iron Works, 337 Folsom St., San Francisco, item 1, $12,400, 150 days; deduct $1400 if magnetic control is omitted.

Northern Engineering Works, Detroit $9450, informal; not in accordance with specification.

Pauling & Harnischfeger, Milwaukee, Wis., item 1, $12,235.

Niles—Bement-Pond Co., 111 Broadway, New York City, item 1, $12,880 and $13,230.

Manning, Maxwell & Moore, Inc., 119 W 40th St., New York City, item 1, $13,930, 168 days.

Whiting Corp., 157th St. and Lathrop Ave., Harvey, Ill., item 2, $13,900.

SAN DIEGO, Cal.—Following bids rec. by Bureau of Yards and Docks, Navy Department, under specification 4821, for electric light and power telephone systems at the naval base, San Diego, Calif.

Southern Electric Co., San Diego, Calif., item 1, $5961, 45 days; 2, $247, 3, $297.75; 4, $123.50, 25 days.

Globe Electric Works, San Diego, Calif., item 1, $4440, 75 days; 2, $200; 3, $250; 4, $400.

SAN DIEGO, Cal. — Following bids rec. by Bureau of Yards and Docks, Navy Department, under Specification No. 4834, for barracks and wiring of mess hall at the naval base, San Diego, California:

W. E. Kier Construction Co., 813 First National Bank Bldg., San Diego, Calif., item 1, $213,230, 200 days; 2, $213,400, 230 days; 3, $130,100, 200 days; 4, $178,000, 20 days; 5, $178,000, 200 days; 6, add to items 1, 2, 4, and 5, $610; 7, add to item 3, $305.

Lange & Bergstrom, Inc., 307 Security Bank Bldg., San Diego, Calif., item 1, $214,400, 240 days; 2, $213,400, 240 days; 3, $131,300, 340 days; 4, $173,500, 240 days; 5, $172,500, 240 days; 6, add $1,-200; 7, add $600.

Wm. Simpson Construction Co., Bank of Italy Bldg., Los Angeles, Calif., item 1, $211,000, 200 days; 2, $211,000, 200 days; 3, $138,500, 200 days; 4, $170,000, 200 days; 5, $170,000, 200 days; 6, add $550; 7, add $250; water mains, items 1 to 5, add $4000.

Robert E. McKee, El Paso, Texas, item 1, $205,569, 200 days; 2, $205,569, 200 days; 3, $124,324, 200 days; 4, $166,-345, 200 days; 5, $166,345, 200 days; 6, add $625; 7, add $325.

R. E. Campbell, 607 Bancroft Bldg., San Diego, Calif., item 1, $230,600, 200 days; 2, $230,400, 200 days; 3, $134,000, 200 days; 4, $191,000, 200 days; 5, $190,-800, 200 days; 6, add $680; 7, add $340.

Campbell Building Co. of Utah, 801 Newhouse Bldg., Salt Lake City, Utah, item 1, $248,574; 2, $244,334; 3, $155,767; 4, $196,746; 5, $192,676; 6, no change; 7, no change.

PEARL HARBOR, T. H.—Following bids rec. by Bureau of Yards and Docks, Navy Department under Specification 4799, to const. reinforced concrete piers and walks at Pearl Harbor, H. T.:

Item 1, entire work, complete; 2a, amount per day to be deducted from item 1 for each 10-ft. bay of wharf construction complete omitted at east end; 2b, do; 3a, add to item 1 for each 10-ft. bay of wharf construction added to east end; 3b, price per day added to item 1 for each 10-ft. bay of wharf construction complete in excess of 5 and not exceeding 10 added at east end; 4, add to or deduct from item 1 for lin. ft. of timber fender and dolphin pile in excess of or less than total length required; 5, add to or deduct from item 1 for each foot of reinforced concrete pile in excess of or less than total length; 6, add to or deduct from item 1 for each foot of composite pile in excess of or less than total length specificed.

E. J. Lord, McCandlish Bldg., Honolulu, T. H., item 1, $189,510; 2a, $1670; 2b, $1670; 3a, $1830; 3b, $2000; 4, $1.25.

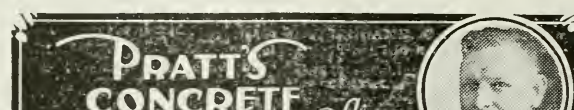
Hawaiian Dredging Co., Honolulu, T. H., item 1, $205,000; 2a, $1950; 2b $1600; 3a, $2600; 3b, $2380; 4a, $2; 4b, 75c; 5a, $4; 6b, 50c.

SAN FRANCISCO—Until Sept. 6, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4760-483, for fur. and del. Rio Vista, Solano county: 2 coils, 2-in.; 2 coils, 3-in.; 2 coils, 3½-in.; 2 coils, 4-in.; and 2 coils 4½-in. cir. Manila rope. All to be "ship" or "Marine."

SAN FRANCISCO—Until Sept. 4, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4756-483 for fur. and del. Rio Vista, Solano county: 20 pts. paint and varnish remover, in 1 pt. cans; 5 gal. Spar varnish, 1-in. flat; 10 gal. shellac, red, in 1 gal. cans.

SAN FRANCISCO—Until Sept. 7, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd Sta., under Order No. 4761-483, for fur. and del. Rio Vista, Solano county, miscellaneous hardware and supplies. Further information obtainable on request.

SAN FRANCISCO.—Until Sept. 5, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4757-483, for fur. and del. Rio Vista, Solano county, the following materials: 6 globe valves, ½-in., high pressure; 6 globe valves, ⅜-in., high pressure; 12 valves for McDaniel improved steam strap, No. 14 without seats; 4 unions, brass, 2-in.; 24 nipples, close, black, 2-in.; 6 nipples, close, black, 3-in.; 1 length black pipe, extra heavy, 1¼-in.; 8 fusible plugs, outside, ¾-in., extra long; 2 standard swing horizontal check valves, 1-in., 125 lb. pressure; 2 globe valves, 1-in., high pressure; 20 lengths galvanized pipe ¾-in.



TYRE BROS. GLASS CO.
Dealers in
PLATE and WINDOW GLASS

San Francisco, August 15, 1923.

Clarence Sand Pratt,
Committee on Arrangements, "Outing Day,"
Builders' Outing, Capitola, Calif.

Gentlemen: We wish to offer as one of the prizes to be awarded at the outing, an **Art framed mirror.**

While we do not wish to specify where this should be awarded, it is our suggestion that the mirror would be appropriate for the winner of the "Bathing Beauty" contest.

Yours very truly,
TYRE BROS. GLASS CO.,
By M. H. Lanzit.

OFFICE
SANTA CRUZ LUMBER COMPANY

Santa Cruz, August 16, 1923.

Mr. William J. Feary,
Chairman, Builders' Outing Committee,
Builders' Exchange,
San Francisco.

Dear Billie:—As per conversation with you we would be pleased to furnish you with lumber necessary to build your outdoor platform, to be used at your outing September 1-2-3.

Wishing you all a good time, we beg to remain,

Very truly yours,
SANTA CRUZ LUMBER COMPANY,
H. Steen, Mgr.

STOCKTON FIRE BRICK COMPANY
High Grade Fire Brick

San Francisco, August 17th, 1923.

Mr. W. J. Feary, Chairman,
Builders' Day Committee,
Builders' Exchange,
San Francisco.

Dear Bill: We offer, for a prize to be given away at the annual Builders' Day this year,

Two Thousand Pounds of our well known, high grade Fire Clay

With best wishes for a successful outing, and enjoyable time,

Sincerely yours,
EUGENE CORRIGAN, Manager.

SANDY PRATT promised his wife.
* * *
THAT HE would not serve,
* * *
ON THE "Builders' Day" Committee.
* * *
BUT IT is impossible.
* * *
FOR CLARENCE Sand Pratt, President.
* * *
OF THE Pratt Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
AND PRODUCER.
* * *
OF CLEAN, sharp sand.
* * *
TO KEEP out of the fun.
* * *
FOR THREE years.
* * *
SANDY PRATT has acted.
* * *
AS CHAIRMAN and traffic manager.
* * *
AND ALTHOUGH Sandy.
* * *
IS TRYING.
* * *
TO BUILD a $200,000.00 plant.
* * *
TO CRUSH rock at Prattrock.
* * *
ACROSS THE street from Folsom.
* * *
SANDY IS putting up posters.
* * *
IN SACRAMENTO.

WHILE THIS stuff.
* * *
IS BEING printed.
* * *
SANDY SPENT last Wednesday.
* * *
COVERING PALO Alto, San Mateo, etc.
* * *
WITH "BUILDERS' Day" posters.
* * *
AND TALKING about the girls.
* * *
WHO ARE going to swim.
* * *
SANDY LIKES it.
* * *
AND JACK Long, Salesmanager.
* * *
FOR THE Pratt Building Material Co.
* * *
SPENT ALL last week.
* * *
IN CONTRA Costa, Alameda, Napa.
* * *
AND SONOMA Counties.
* * *
TELLING THE building world.
* * *
ABOUT "BUILDERS' Day."
* * *
PRATT'S SHARP, clean sand.
* * *
AND THE new Rock and Gravel Co.
* * *
NOW BEING built.
* * *
AT PRATTROCK, Sacramento County
* * *
"I THANK you."

HALLS AND SOCIETY BUILDINGS

List of Bidders.
LODGE BLDG. Cost, Approx. $250,000
SANTA ROSA, Sonoma Co., Cal., A Street, bet. 4th and 5th Sts.
Three-story steel and reinforced concrete store and lodge building.
Owner—Santa Rosa Lodge of Elks.
Architect—Shea and Shea, Chronicle Bldg., San Francisco.
As reported August 18th, the lowest bid was submitted by A. M. Hildebrand, 406 4th St., Santa Rosa. Following is a complete list of the bids received:

	Complete
R. H. Hildebrand	$271,919
Shell $171,111	
Hannah Bros., S. F.	276,693
Shell $186,177	
Jas. L. McLaughlin, S. F.....	293,400
Shell $197,500	
Vukicevich & Bagge, S. F.....	297,600
Shell $199,500	
A. J. Bryant, S. F.	341,862
Shell $217,784	
Cobby & Owsley, S. F. (Shell)	224,800

Segregated Figures Being Taken.
INN Cost, $40,000
SAN LEANDRO, Cal., E-14th St. and Junction Ave. near San Leandro.
Two-story frame and stucco inn (cafe, dancing floor, etc.)
Owner—F. Shultze.
Architect—Maury I. Diggs, 1901 Telegraph Ave., Oakland.

Low Bidder.
LODGE BLDG. Cost, Approx. $250,000
SANTA ROSA, Sonoma Co., Cal. A Street, bet. 4th and 5th Sts.
Three-story steel and reinforced concrete store and lodge building
Owner—Santa Rosa Lodge of Elks.
Architect—Shea & Shea, Chronicle Bldg San Francisco.
Low Bidder — Bert Hildebrand, Santa Rosa.
The amount of the bid was not given. To be published later.

Plans Being Figured—Bids Close Aug. 28, 1923.
CLUB BLDG. Cost, $12,000
LINCOLN, (Placer Co., Cal.
One-story hollow tile club bldg.
Owner—Women's Club.
Architect—Dean & Dean, City Library Bldg., Sacramento.
Tile etc. to be furnished by Gladding McBean Co.

SAN DIEGO, Cal.—Bids are being taken by Architect Lincoln Rogers, 533 spreckels Bldg., San Diego, for the erection of the new $550,000 Y. M. C. A. Bldg., for which plans have just been completed. Contractors will be given about 3 weeks in which to figure the job. The building will be a combined club building and army and navy Y. M. C. A. Construction has been authorized by the International Y. M. C. A. The building will be 6-story and occupy the entire block on Broadway, between India and Columbia Sts. Construction will be of Class A fireproof steel and concrete, with special grillage foundations made necessary by the nature of the soil. Wash borings were made and the concrete foundations reinforced by steel slabs and I-beams ordered. Interior will contain Spanish style lobby, social hall, billiard room, dining room, kitchen, cold storage rooms, offices, etc., on the first floor, with 2-story gymnaium, 50x80 ft., occupying the northeast corner of the building with 2000 lockers, shower and plunge baths; barber shop, etc. The second floor will contain a banquet room, women's room and various offices. Above there will be 300 bed rooms, with showers and toilets, fitted with complete vacuum cleaning system; two passenger elevators. Furnishings will cost $100,000. Exterior of the building will be pink and buff terra cotta and stucco for the 2nd, 3rd, 4th and 5th floors, the 6th floor to be terra cotta with red tile roof. The 1st floor will be of rusticated cut stone with a Paladin arched entrance. There will be an ornamental iron railing around the entire 1st floor, enclosing an open area providing light for the basement.

LOS ANGELES, Cal.—Walter Slater Co., 2314 Santa Fe Ave., was awarded a contract at about $77,000 for erecting a 3-story and basement headquarters bldg. at W 9th St. and Cottage Place for the Salvation Army. Dodd & Richards, 905 Brack-Shops Bldg., architects. Brick constr., 60x110 ft., press. brick and cast stone trim, comp. rfg., struc. steel work, plate glass, ornam. iron, steam htg., cem. and oak fls.

NEWPORT BEACH, Cal.—Southland Sailing Club, Balboa, plans to erect a $70,000 clubhouse at Newport harbor. Proposed building will be of combined Mission and Aztec style; 2-stor. with 5-sto. tower, covered pavilion and landing extending into the ocean. I. B. Potter, Riverside, chairman of organization committee.

ANDERSON, Shasta Co., Cal.—Seyert Severtson, of Pacheco Valley, at $5220 awarded contract to erect community hall. Other bids were: Carpenter and Welch, Anderson, $5276; Rolla Arbuckle of Anderson, $6234.

HOSPITALS

LANKERSHIM, Cal. — See "Government Work," this issue.

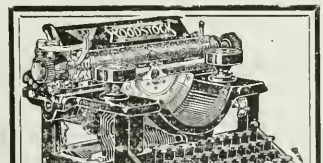
SAN FRANCISCO—Board of Supervisors appropriates $1500 to replace water pipe and repair plumbing at Isolation Hospital; funds to be derived from Budget Item No. 26.

HOTELS

LONG BEACH, California—Archt. Ernest H. Gates, 1261 American Ave, Long Beach, is preparing plans for a 3-story class C store and hotel bldg., to be erected at 326 American Ave., Long Beach, by Cordray & Shouts, 1340 Ohio St., Long Beach, for H. R. Earp and G. W. Scheidecker. Found. 50x182 ft., brick and art stone fronts, metal frames and sash, 4 tile baths on each upper floor, fire escapes, 6 stores, 80 hotel rooms.

LOS ANGELES, Cal.—Geo. H. Scribner, 1227 W. 8th St., has the contract to erect a 2-story, class C hotel bldg., at 1214 W 8th St., for Mrs. P. J. Gwin, will contain 2 stores, lobby and 39 rms, each with bath. Brick walls, 52x150 ft., press. brick and cast stone facing, comp rfg., tile baths, steam htg. sys., plate glass, metal store fronts, metal skylights, tile lobby and store entrances, part basement, O. P. and hardw. fls., wall beds.

FRESNO, Fresno Co., Cal.—C. E. Baker, Fresno, at approx. $25,000 awarded contract by Stanley J. and Alice Slaywin to erect 40-room hotel at Pinedale to house employees of the Sugar Pine Lumber Co. Lumber will be supplied by the Routt Lumber Co., of Fresno.



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

LOS ANGELES, Cal. — See "Apartments," this issue.

LOS ANGELES, Cal.—O. C. Williams Constr. Co., 915 Marsh-Strong Bldg., is preparing plans and has started work on the erection of a $125,000, 4-sto., 108-room and 2 stores, Class C hotel building on w. s. of Western Ave. s. of 4th St., for Harley Riggins. Foundation, 60x140 ft., press. facing, comp. rf., lobby with terrazzo floors, steam heating, automatic electric elevator, fire escapes.

POWER PLANTS

BUILDING Cost, $250,000
SAN FRANCISCO, Stevenson St., between 5th and 6th Sts.
Steel frame and reinforced concrete building for steam plant, 70x100 (Station "T")
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Engineering Dept. of owner.
The steel has been awarded to the Brode Iron Works.

HUNTINGTON BEACH, Cal. — The Huntington Beach Telephone Co. authorized by railroad comm. to execute a trust deed and mtge. in the sum of $50,000 and to issue and sell $50,000 of its first mtge. 6% serial bonds and to use the proceeds therefrom in acquiring real estate and other property, and and in making additions, extensions and improvements to its properties.

RENO, Nevada—See "Irrigation Projects," this issue.

CALIFORNIA—State Railroad Commission grants authority to Los Angeles Gas & Electric Corp., to issue $4,000,000 of Series G 6% gold bonds to complete a $10,000,000 appropriation set aside by the company for improvements and extensions to its plant and equipment.

BLYTHE, Cal. — Southern Sierras Power Co. announces plans for $500,000 power plant on Mill Creek at Forest Home in the San Bernardino mountains. The Mill creek plans will develop 3000 horsepower of hydro-energy. In order to build this plant, the preliminary ground work already having been completed, it will be necessary to bring power to Mill creek from the present line. This power will be available in the early spring. Once the new plant is completed its generated power in turn will be diverted into the main transmission line. Construction will start soon.

PASADENA, Cal.—Until 11:30 a. m., Aug. 29, bids will be rec. by city directors for fur. to municipal light and power dept. cooling tower, and erecting same on foundations south of the Glenarm St. powerhouse, Pasadena. Spec. on file at office of city clerk, Bessie Chamberlain. Cert. chk. 10%.

PUBLIC BUILDINGS

Plans To Be Prepared.
AUDITORIUM Cost, $40,000
SACRAMENTO, Cal., 27th and N Sts., Fremont School.
Brick and concrete auditorium.
Owner—City of Sacramento.
Architect—Dean & Dean, City Library Bldg., Sacramento.
It is expected plans will be ordered prepared shortly.

Plans Being Prepared.
BLDGS. $25,000 & $20,000
SACRAMENTO, Cal., Sacramento and East Sacramento.
Two 2-story brick and tile firehouse buildings.
Owner—City of Sacramento.
Architect—Dean & Dean, City Library Bldg., Sacramento.

NAPA, Napa Co., Cal.—Until Sept. 11, 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, for painting (2 coats lead and oil) detention home bldg. Cert. check 10% payable to Chair. Bd. of Supervisors req. Plans and further information obtainable from county clerk.

NAPA, Napa Co., Cal.—Until Sept. 11, 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, for improvements at county jail building. Cert. check 10% payable to Chairman of Bd. of Supervisors req. Plans obtainable from clerk.

MARYSVILLE, Yuba Co., Cal.—County supervisors are planning to erect soldiers' memorial auditorium and will appropriate funds for the structure in the coming budget. Bids to construct such a structure were taken by private interests who proposed to sell the building to the county under the pay-as-you-go plan. The low bid was submitted by J. C. Evans of Marysville, at $118,940. No action was taken. Plans for the structure for which the bids were received were prepared by Architect Miss Julia Morgan, Merchants Exchange Bldg., San Francisco.

FULLERTON, Orange Co., Cal.—Archt. W. Horace Austin, 222 First Natl. Bank Bldg., Long Beach, has completed plans which are out for figures for erecting the new $225,000 class A, 2-sto. and basement, brick, steel and concr. municipal bldg. in Fullerton. Steel frame and joists, concr. fls. and rf., stucco exter., hardw. inter. trim. terazzo, tile and cem. finish fls., art stone columns and trim, steam htg.

RIVERSIDE, Cal.—Archt. Howard E. Jones, 405 Katz Bldg., San Bernardino, has been selected as architect for the new city hall building. Mr. Jones' design is for a two-story and basement Class A reinforced concrete structure, 80x70 ft., of modified Spanish design with tower in front; exterior to be finished in stucco with ornamental wrought iron balconies and tile roof. Cost, $100,000. There were eleven architects in the competition.

BAKERSFIELD, Kern Co., Cal.—Currie and Dulgar, Bakersfield, only bidders, at $1530 awarded contract by county supervisors to install main entrance doors to new county courthouse. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield.

LOS ANGELES, Cal.—C. J. Kubach Co., 701 Merchants National Bank Bldg. was low bidder at $78,725 for constructing the foundation for the new Hall of Justice Bldg., at Temple St. and N. Broadway. Other bids were: Winter Constr. Co., $82,900; Marko Matrick, $83,000; Clinton Constr. Co., $84,100; Ralph E. Homann Co., $89,247; Frank H. Greene, $89,480; United Bldg. & Finance Co., $98,200; Wm. Simpson Co., $95,000; North Pacific Constr. Co., $98,950; de Waard & Cobham, $114,900.

MT. VERNON, Wash.—Alexander & McNeil, Mt Vernon, at $187,370 awarded contract by Skagit County Commissioners to erect new court house. Bids originally received for this project were rejected as being too high. The above contractors submitted a revised bid.

LAKEPORT, Lake Co., Cal.—Blds rec. by County Supervisors, Fred H. Merritt, County Clerk, to erect annex for county hospital rejected and bids ordered re-advertised to be opened Sept. 4. Cert. check 10% payable to Board of Sups. req. Plans obtainable from Clerk on deposit of $10.

RESIDENCES

Plans To Be Prepared.
DWELLINGS Cost $250,000
FRESNO, Fresno Co., Cal., 20-acre tract located bet. Ventura, Butler, Fifth and Orange Avenues.
Approximately 200 one-story frame dwellings.
Owner—Lucius Powers, President First National Bank, Fresno, Calif.
Architect yet to be selected.
NOTE—It is proposed to have the first series of structures under construction by Oct. 1.

Contract Awarded.
RESIDENCE Cost, $14,059
ALAMEDA, NW Santa Clara Ave. and Willow St.
Two-story and basement frame residence.
Owner—Mrs. Ella F. Russell, 2149 Santa Clara, Alameda.
Architect—Frank W. Dakin, 310 California St., S. F.
Contractor—Thos. Rutherford, 985 35th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. SE Arlington Ave. and Mendocino Path.
Two-story 8-room residence.
Owner—Mabel M. Bramlage, 367 Alcatraz Ave., Oakland.
Architect—None.
Contractor—E D. Bramlage, 367 Alcatraz Ave., Oakland.

Contractors Taking Sub-Figures.
RESIDENCE. Cost, $40,000
SAN FRANCISCO, Jackson St., near Steiner.
Two-story and basement frame and stucco residence.
Owner—D. L. Ghirardelli.
Architect—Albert Farr and J. F. Ward, 68 Post St., San Francisco.
Contractor—Moore and Madsen, 77 O'Farrell St., San Francisco.
Work includes all work, except heating and painting.

Contract Awarded.
DWELLING Cost, $10,000
BERKELEY, 1940 Thousand Oaks Blvd.
Two-story 8-room frame dwelling.
Owner—Lester Scheeline.
Contractor — Mason - McDuffie Co., Shattuck & Addison, Berkeley.

SAN FRANCISCO—C. S. Allred, 159 Liberty St., has purchased two blocks in Ingleside Terrace containing 40 lots on which he plans to erect 40 residences.

FRESNO, Fresno Co., Cal.—J. A. Schlotthauer, Fresno, contractor and builder, is having plans prepared for twenty-two homes to be erected in the vicinity of Olive and Thorne Aves.; total est. cost, $100,000.

SCHOOLS

Plans Being Prepared.
COLLEGE BLDGS. Cost, $200,000
SACRAMENTO, Cal., Y and 21st Sts.
Group of 2-story brick and stucco college bldgs. with tile roofs.
Owner—Christian Brothers College.
Architect—Dean & Dean, City Library Bldg., Sacramento.

Plans Being Prepared.
SCHOOL Cost, $15,000
FLORIN, Sacramento Co., Cal.
One-story frame and stucco school with tile roof (2 rooms, kitchenette, etc. Weber heaters)
Owner—Florin Grammar School Dist.
Architect—Woollett & Lamb, Mull Bldg Sacramento.
Bonds have been voted.

Plans Being Figured—Bids Close Sept. 17th. 8 p. m.
ADDITION Cost, $12,000
BURLINGAME, Cal., Roosevelt School.
Two-room frame and plaster addition to school.
Owner—Burlingame Grammar School District.
Architect — Ernest Norberg, Balboa Bldg., S. F., and 407 Occidental Ave., Burlingame.
Figures are being taken for a general contract with separate bids for the plumbing and heating. Plans may be obtained from the architect on a deposit of $10.

Plans Being Figured—Bids Close Sept. 17, 1923, 8 p. m.
ADDITION Cost, $35,000
BURLINGAME, Cal.
One-story frame and brick veneer school addition (4 rooms and auditorium).
Owner—Burlingame Grammar School District.
Architect — Ernest Norberg, Balboa Bldg., S. F., and 407 Occidental Ave., Burlingame.
Figures are being taken for a general contract with separate bids for plumbing and heating. Plans may be obtained from the architect's office on a deposit of $10.

Plans Being Figured—Bids Close Sept. 10, 1923, 8 p. m.
SCHOOL Cost $—
SANTA ROSA, Sonoma Co., Cal.
Three-room frame primary school.
Owner—Board of Education of the City of Santa Rosa.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Plans may be obtained from W. H. Weeks or W. Herbert, 506 Rosenberg Bldg., Santa Rosa.

Completing Plans—Sub-Figures To Be Taken Shortly.
HALL BLDG. Cost, $200,000
SANTA CLARA, Cal., University ground
Three-story reinforced concrete Junior Hall bldg. (Robert E. Kenna Hall).
Owner—Santa Clara University.
Architect—John J. Donovan, 1916 Bdwy Oakland.
Contractor—J. H. Miller, 70 West San Fernando, San Jose.

Construction Started.
GYMNASIUM Cost, $115,000
SANTA CLARA CO., University grounds
One-story brick and steel gymnasium.
Owner—Santa Clara University.
Architect—John J. Donovan, 1916 Bdwy Oakland.
Supt.—J. H. Miller, 70 West San Fernando, San Jose.

Plans Approved—Bids To Be Called For About Sept. 1st.
SCHOOL BLDG. Cost, $375,000
SANTA ROSA, Sonoma Co., Cal.
Reinforced concrete and brick high school bldgs. (Main bldg., auditorium and gymnasium).
Owner—Santa Rosa High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Plans Approved—Figures To Be Taken Next Week.
SCHOOL Cost —
SANTA ROSA, Sonoma Co., Cal., Fremont School site.
Reinforced concrete school building.
Owner—Santa Rosa Grammar School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

SAN MATEO, San Mateo Co., Cal.—Until Sept. 4, 6 p. m., bids will be rec. by Associated Students of the San Mateo Union High School to construct bleachers on the Burlingame field. Further information obtainable from principal at high school.

SAN MATEO, San Mateo Co., Cal.—Until Aug. 31, 2:30 p. m., bids will be rec. by J. E. Casey, clerk, San Mateo School District, for painting Lawrence School. Cert. check 10% payable to San Mateo School District req. Further information obtainable from clerk.

SAN JOSE, Santa Clara Co., Cal. — Until Sept. 8, 8 p. m., bids will be rec. by John Miller, clerk, College Park School District, to construct additions to elementary school (1-story frame & stucco assembly hall, etc.). Wolfe & Higgins, architects, Auzerais Bldg., San Jose. Cert. check 10% payable to clerk req. Plans obtainable from architects.

SISSON, Siskiyou Co., Cal. — E. H. Rush, Sisson, at $3886, awarded cont. by Trustees of the Sisson Grammar School District to install heating plant in new school.

MODESTO, Stanislaus Co., Ctl.—Randolph and Ward, Modesto, at $14,190 awarded contract by Laird School District to erect additions and remodel frame school building. Jas. H. Hoose, architect, Ramont Bldg., Modesto. Other bids: Geo. J. Ulrich, Modesto, $14,920; H. Tennyson, Modesto, $16,835.

NAPA, Napa Co., Cal.—Until Sept. 4, 8 p. m., bids will be rec. by Howard E. Roper, Clerk, Napa Union High School District, for fur. and installing 132 steel lockers in high school. Spec. obtainable from O. R. Hull, Principal of school, Lincoln and Jefferson sts. **See call for bids under official proposal section in this issue.**

KEYES, Stanislaus Co., Cal.—Scranton and Sorenson, Hughson, Calif., at $15,695 submits low bid to Keyes School District for general contract on new school. Andy Thorsen, Turlock, at $409 low for water system. I. M. Nightingale, Modesto, low for (Weshicks system) electric heating at $1226.50. Wallace H. Hubbert, architect, L. C. Black Bldg. Modesto.

Complete list of bidders follow:

General Contract

Scranton & Sorenson, Hughson $15,695
Randolf & Ward, Modesto..... 15,990
Mellon & Fagler, Stockton..... 16,059
Pat Walstrom, Turlock..... 17,600

Water System

Andy Thorsen, Turlock.....$409
J. Dickenson, Modesto..... 410
Turlock Implement Co., Turlock... 498

Electric Heating

J. M. Nightingale, Modesto....$1226.50
Sheeline Co., San Francisco..... 1648.25

On electric heating Nightingale bid Weshicks system and the Sheeline Co., Hulbut system.

LOS ANGELES, Cal. North Pacific Constr. Co., 1302 Detwiler Bldg., was low bidder at $445,900 on the general contract for erecting a new high school bldg. at Fairfax high school site, on Fairfax Ave., near Melrose Ave. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., archts. Low bidders on other contracts were: W. W. Brooks on plumbing at $35,600; J. Hokom on heating at $59,422; Robert P. Tuttle & Co., on painting at $11,989; and American Elec. Constr. Co., on wiring at $20,480. The low bids total about $573,391. The appropriation was $600,000. The bids were: General contract—North Pacific Constr. Co., $445,900; (1) deduct if gymnasiums are omitted $22,025; (2) deduct for Escalona tile instead of Granada tile, $2400; (2b) deduct for Cordova instead of Granada tile, no bid; (3) deduct for gypsum instead of terra cotta tile, no bid; (4) add for Universal windows, $7200; (5) add for cement instead of gravel traffic driveway, $2895; (6) add for lead instead of galv. iron gutter, $240; (7) add for copper gutters and conductors, $1895; (8) deduct if waterproofing is omitted, $1,150; Anton Johnson, $468,000; (1) $28,625; (4) $1600; (5) $1740; (6) $750; (7) $3196; (8) $1200. K. R. Bradley Constr. Co., $470,000; (1) $34,059; (4) $349; (5) $2400; (6) $1240; (7) $2608; (8) $1200; Pozzo Constr. Co., $483,000 (1) $30,000; (2a) $1400; (2b) add $1200; (4) $5333; (5) $3552.80; (6) $250; (7) $1900; (8) $500; Laresen-Sheirig Inc. Co. $475,767; (1) $26,700; 2a $4150; 2b $75; 3 $500; 4 $3000 (5) $5700; (6) $850; (7) $3486; (8) $2500. Wm. Stacko, $486,313; (1) $21,000; (2a) $4000; 2b $1775; 3 $250; 4 $590; 5 $500 (6) $255; (7) $880; (8) $300. Wm. G. Reed, $487,000; (1) $28,000; (2a) $2300; (3) $1000; (4) $5000; (5) $3300; (6) $750 (7) $3796; (8) $1500. Bavin & Burch Co. $516,974; (1) $29,000; (2a) $2300; (2b) $4225; (3) $780; (4) $6258; (5) $3319; (6) $1240; (7) $2608; (8) $1014. Darrell Condley Co., $523,869; (1) $25,902; (2a) $3237; (2b) $3168; (3) $960; (4) $4400; (5) $2500; (6) $560; (7) $2460; (8) $670. H. M. Baruch, $536,000; (1) $28,000; (2a) $3200; (2b) $50; (3) $400; (4) $3000; (5) $6000; (6) $900; (7) $4100; (8) $3200. C. J. Kubach Co., $537,500; (1) $30,400 (2a) $2200; (2b) $4500; (3) $1100; (4) $6600; (5) $3800; (6) $1200; (7) $2900; (8) $850. Los Angeles Planing Mill Co., $543,580; (1) $33,650; (4) $7425; (5) $2500; (6) $922; (7) $3775; (8) $825. Plumbing—W. W. Brooks, $35,600; G. C. Sutton, $39,658; Ashworth & Gallop, $41,762; J. Hokom, $44,878; Coker & Taylor, $48,728. Heating—J. Hokom, $59,422; (a) deduct if gymnasiums are omitted, $9,347; Lehman Bros., $59,555, (a) $9855; L. Z. Brown, $59,917, (a) $8588; Western Engr. & Constr. Co., $59,947, (a) $9,849; Munger & Munger, $61,838, (a) $9501; Midgeley Bros., $62,200, (a) $7,950; W. W. Brooks, $63,000, (a) $10,000; Thos. Haverty Co., $64,035, (a) $9255; Williams Radiator Co., $75,000, (a) $8,000. Painting—Robert P. Tuttle & Co., $11,989; H. H. Mann, $12,684; R. E. Swan $12,900; Wickens & Empie, $13,855; Alhambra Wall Paper & Paint Co. $15,100; J. S. Windwick, $15,313; Arenz-Warren Co., $15,536; the bids on painting are so close that the alternate bids could change the low bidder depending upon which are accepted. Wiring—American Elec. Constr. Co., $20,480, (a) $1560; Graham Electric Co., $24,899; (a) $1840; Newberry Elec. Corp., $22,838, (a) $2,118; H. H. Walker, $22,839, (a) $2036; Peerless Elec. Co., $26,600, (a) $2015; S & H Service Elec. Co., $31,920, (a) $3200.

HANFORD, Kings Co., Cal. — Until Sept. 10, 8 p. m., bids will be rec. by G. W. Armstead, clerk, Hanford Joint Union High School District, for fur. and del. steel lockers: 400, more or less, 42-in. high, 12-in. wide by 15-in. deep; to be installed back to back, excepting 26 to be arranged in 3 single tiers. Flat top, adjustable legs, doors and frames made of not less than 16 U. S. gauge steel. Also 325 more or less, lockers, 15x15x15-in. made of not less than No. 22 gauge steel. **See call for bids under official proposal section in this issue.**

NAPA, Napa Co., Cal.—See "Sewers and Street Work," this issue. Bids wanted for walks, etc., at high school.

SACRAMENTO, Cal.—Bids were received as follows on August 20th, at 7:30 P. M., by the Board of Education of the City of Sacramento, for the construction of a one-story frame and stucco school building with tile roof. Plans were prepared by Architects Woollett & Lamb, Mull Bldg., Sacramento. The structure is to be erected on Riverside Road and is known as the "Riverside School." Contracts were awarded to the lowest bidders.

General Contract

Fred Betz, Ochsner Bldg., Sacramento (awarded) $32,796
Chas. Mabrey, Ochsner Bldg., Sacramento 33,826
Holdener Constr. Co., Sacto 34,192
Herndon & Finnigan, Sacto..... 35,250
Wm. Murcell, Sacramento..... 36,486
Campoell Constr. Co., Sacto..... 37,930

Electrical Work

Latourrette-Fical Co., 907 Front St., Sacramento (awarded) ..$5,020
Foss Electrical Co., Sacto..... 5,273

Plumbing

Luppin & Hawley, 906 7th St., Sacramento (awarded) $2,844
Hateley & Hateley, Sacto..... 2,875
Latourrette-Fical Co., Sacto..... 3,000
Scott, Lyman & Stack, Sacto..... 3,195

Electric heating system will be used.

LOS ANGELES, Cal.—Until 9 a. m., Sept. 7, bids will be received by the board of education for erecting an auditorium and domestic science bldg. and boiler house at the Hollywood high school site; Norman F. Marsh, archt. The auditorium will be 2-sto. and basement, 141x190 ft., to seat 2500 people; brick walls, reinf. concr. frame, steel columns, beams and trusses, fireproof stage, ruff. brick facing, cast stone trim, comp. rfg; $275,000. Separate bids on general contract, plumbing, heating, wiring and painting.

LOS ANGELES, Cal.—Until 9 a. m., Sept. 14, bids will be received by the board of education for erecting a 3-sto. class A Part-Time school bldg. to be erected on 16th St., betw. Hill St. and Grand Ave; Norenberg & Johnson, archts. The bldg. will be265x100 ft. and is designed for 6-sto; it will contain 34 classrms., manual arts dept., domestic science rooms, swimming tank, gymnasium, offices and auditorium to seat 750 people; reinf. concr. constr., face brick and terra cotta exter., comp. rfg., steel roof trusses for auditorium, maple finish fls., steam htg; $400,000. Separate bids for general work, plumbing, heating, wiring and painting.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

BETHANY, Alameda Co., Cal.—Until Sept. 1, 1 P. M., bids will be rec by Mrs. Lillian Monroe, Clerk, Mountain House School District, to erect new school. C. C. Ekenberg, Architect, Tracy, Calif. Cert. check 10% payable to clerk req. Plans obtainable from the clerk or architect on deposit of $10, returnable.

BANKS, STORES & OFFICES

Contract Awarded.
GARAGE. Cost, $10,000
BERKELEY, Alameda Co., Cal. No. 2430 Dwight Way
One-story Class C garage.
Owner—Dane & Muldoon.
Architect—None.
Contractor—J. P. Brennan, 2100 Shattuck Ave., Berkeley.

Contracts Awarded.
STORE & WAREHOUSE Cost—
SACRAMENTO, Cal., SW Fifth and R Streets.
One-story and basement brick store & warehouse, 80x160.
Lessee—Sacramento Growers Market.
Architect—Woollett & Lamb, Mull Bldg Sacramento.
General Contract
Chas Mabrey, Ochsner Bldg., Sacramento $33,528
Plumbing and Heating
Luppen & Hawley, 906 7th St., Sacramento $1064.23
Electrical Work
Latourrette-Fical Co., 907 Front St., Sacramento $850
Elevator
Otis Elevator Co., S. F. .....

Segregated Figures Being Taken.
OFFICE BLDG. Cost, $30,000
SAN FRANCISCO, SE 12th Ave. & Clement Street.
Two-story reinforced concrete store & office bldg., 70x75.
Owner—B. Getz.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Figures will be taken on all parts of the work except concrete and brick work.

Contract Awarded.
STORE BLDG. Cost, $15,000
BERKELEY, Alameda Co., Cal., SW Bancroft Way and Ellsworth St.
One-story concrete store bldg. 5 stores.
Owner—F. F. Romie, 418 Newton Ave., Oakland.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor — Leslie R. Wilson, 2216 Blake St., Berkeley.

Working Drawings Being Prepared.
OFFICE ETC. BLDG. Cost $900,000
OAKLAND, Alameda Co., Cal., SW 19th St. and Telegraph Ave.
Eight-story class A office, store and theatre building.
Owner—Community Theatre Cptn., (Arthur Breed et al)
Architect—Maury I. Diggs, 1901 Telegraph Ave., Oakland

Segregated Figures Being Taken.
ALTERATION. Cost, $8000
SAN FRANCISCO, 556 Market
Alter store building.
Owner—Withheld.
Architect—E. E. Young, 2002 California St., San Francisco.

Contract Awarded.
STORE Cost, $22,000
FRESNO, Fresno Co., Cal., 2446 Stanislaus St.
Store building.
Owner — Frank Purkett, 828 Clinton, Fresno.
Contractor—Trewhitt & Shields, Rowell Bldg., Fresno.

Plans Complete.
OFFICE BLDG. Cost, $16,000
SAN FRANCISCO, S Brannan 137-6 E Third.
Two-story brick office building.
Owner—San Francisco Warehouse.
Architect—Geo. A. Applegarth, Claus Spreckels Bldg., S. F.

SACRAMENTO, Cal.—See "Garages" this issue.

Sub-Contracts Awarded.
BANK BUILDING Cost, $75,000
NAPA, Napa Co., Cal.
One-story reinforced concrete bank building 60x75 (stone or terra cotta facing).
Owner—Bank of Napa.
Architect — H. H. Winner Co., Sharon Bldg., San Francisco.
Plumbing Awarded to The H. Schwarz Co., Napa.
Electric wiring, including Wesser Electric Heaters to Earl G. Wilson, Napa.
Marble & Granite work to Jas. B. Newman, Napa.
Metal Window Sash to Kawner Mfg. Co., S. F.
Steel to Western Iron Works, S. F.

Figures To Be Taken Next Week.
OFFICE BLDG. $200,000 or more
OAKLAND, Cal. 17th St. near Bdwy.
Five or 7-story and basement physicians' office bldg.
Owner—An incorporation.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Figures will be taken for a general contract.

Segregated Figures Being Taken.
OFFICE BUILDING Cost, $150,000
BERKELEY, S University Avenue, near W. Shattuck.
Six-story and basement clas A store and office bldg. for doctors and dentists; 2 stores and 60 offices.
Owner—Fred Koerber and Henry Bischoff, Berkeley.
Architect—Name withheld.
Bids are being taken by F. M. Young of the Berkeley Building Co., Solano and Colusa Sts., Berkeley. Phone Berkeley 397, who will have charge of construction.
Segregated bids are being taken on the following:
(1) Excavation.
(1a) Shoring.
(2) Form work and rough carpentry.
(3) Reinforcing steel in place
(4) Concrete work (foundation and floor.
(5) Structural steel (fabrication and erection, including brick rods.)
(6) Brick and tile walls, drain tile, terra cotta flue lining and miscellaneous iron work.
(7) Terra cotta.
Bids on the above are wanted immediately.
Notice will be given later, when bids will be called for the following portions of the work: plumbing, steam heating, hot water, vacuum, compressed air, elevators, electrical work, glazing and sash and trim.

LOS ANGELES, Cal.—Edwards, Wildey & Dixon Co., 515 Black Bldg., L. A. have been awarded the general cont. including all work except elevators, at slightly more than $700,000 for erecting a 12-story and basement class A store and office bldg. at s.e. corner of Hollywood Blvd. and Vine St. for Taft Realty Co. Walker & Eisen, 325 Pacific Finance Bldg., archts. The bldg. will be 120x137 ft., stores in first story, and 29 offices on each of the upper stories. Reinf. conc. constr., face brick and terra cotta exter., plate glass, marole and tile work, hardw. trim, 3 elevators, steam htg., vacuum cleaning.

SAN FRANCISCO — See "Garages," this issue.

SAN FRANCISCO—See "Factories & Warehouses," this issue.

LOS ANGELES Cal.—William Simpson Constr. Co., Bank of Italy Bldg., has been awarded a contr. at about $600,000 for erecting a 13-sto. and basement class A store, office and loft bldg., at s. e. cor. 8th and Olive Sts., for the 8th and Olive Holding Co. Walker & Eisen, 325 Pac Finance Bldg., archts. It will be 55x168 ft., reinf. concr. frame and fis., brick filler walls, press. brick and terra cotta facing, plate glass, marble and tile work, hardw. trim, elevators, steam htg., vacuum cleaning.

PORTERVILLE, Tulare Co., Cal.—Templeton Bros., Porterville, at $36,323 awarded contract to erect Mentz store building at Mill and Hockett Sts. Will be brick construction, one-story in height, 105x110 ft.

THEATRES

LONG BEACH, Cal.—H. H. Lochridge, 700 Markwell Bldg., Long Beach, is preparing plans for a 3-story store, theatre and apt. bldg. to be erected east of the Belmont Pier, Long Beach, for Fred Markwell. Construction type similar to present Markwell Bldg. at foot of Pine Ave., Long Beach. Found. 110x150 ft.

WHARVES AND DOCKS

CASA GRANDE, Ariz.—Landholders of the Pinal County Power Dist. No. 2 have voted to sell $354,000 bonds for development purposes. The program calls for construction of electric lines over 128,000 acres and the sinking of 525 wells.

LOS ANGELES, Cal.—Until 2:30 p. m. Aug. 31, bids will be rec. by harbor comm., 312 Byrne Bldg., for the following:
Paving Canal Ave. and wharves, under spec. 514. Work involves 20,300 3-in. bitum. pavement over conc. base now in place; 3340 sq. ft. 2-in. bitum. pavement over wooden wharf deck now in place at wharf extension at Berth 187; 40,400 sq. ft. 2-in. bitum. pavement over wooden wharf deck now in place at wharf at Berth 154; 51,200 sq. ft. 5-in. pavement over sand fill; 9600 sq. ft. 2-in. pavemy. over wooden wharf deck now in place at wharf at Berth No. 152. Industrial track and equip. under spec. 513. Trilby rails and switches under spec. 512.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Figured.
BUILDINGS Cost—
SAN FRANCISCO, N Market 55 E Waller.
Group of six buildings, 1 concrete and five frame.
Owner—Withheld.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Figures are being taken for a general contract.

LOS ANGELES, Cal.—H. W. Baum, Bay and Alameda Sts., Metro 4395, has the contract and has started work on several bldgs. at the Union Pacific terminal, on E 7th St. They include office bldg., 2-story, 50x80 ft.; yardmaster's bldg., 2-story, 40x40 ft.; hospital, 1-story, 30x80 ft.; Pullman Bldg., 1-story, 21x100 ft.; and car cleaning bldg., 1-story, 20x70 ft. Frame constr. with shingle rfg. Cost about $55,000.

BERKELEY, Cal.—See "Apartments" this issue.

SAN FRANCISCO—Frank G. White, Chief Engineer of the State Board of Harbor Commissioners, Ferry Bldg., S. F., will receive informal bids until Aug. 28, 1923 at 2 p. m., for sandblasting granite and sandstone on the Ferry Building. See call for bids under "Official Proposals," this issue.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick H. Wallis, 716 S. Spring St., have been commissioned to prepare plans for a group of orphan asylum bldgs to be erected on a 3-acre tract on W. Moreland Ave., bet. Lexington Ave. and Santa Monica Blvd for the Jewish Orphanage; there will be 4 dormitory units each complete with bedrms., kitchen, baths, dining rm. and reading rm., to accommodate 20 children, administration bldg., laundry and garage bldg. Frame and plas. constr., tile and comp. rfg., 1-story and 2-story, gas htg., etc., $150,000.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Aug. 28, 9 A. M., bids will be rec. by S. A. Evans, City Cltrk, for fur. and lel. lumber to Corporation Yard, as fully described in **official proposal published in this issue.**

(Continued on Page 20)

Notice: This product, originally announced as "Floorseal," will hereafter be known as "Fuller Floor Preservative."

Fuller Floor Preservative

for Magnesite

MAGNESITE must be sealed because of its porous, crystalline structure. Fuller Floor Preservative penetrates deeply and seals magnesite thereby making it non-porous, oil and water-proof without affecting its color.

But Fuller Floor Preservative does more than seal. By filling the voids between the particles of magnesite a continuous, durable surface is formed which resists wear and tear. It prevents grinding-in of dust and dirt which causes the dark stains so often seen on magnesite. The eggshell gloss surface of Fuller Floor Preservative is easily kept clean and can be waxed, painted or varnished if desired.

Fuller Floor Preservative dries over night. If used on magnesite or any porous surface it can be walked on immediately without harming the finish. No skill is required to apply Fuller Floor Preservative. A night watchman or janitor can do it with a rag or brush making the cost of material the only cost.

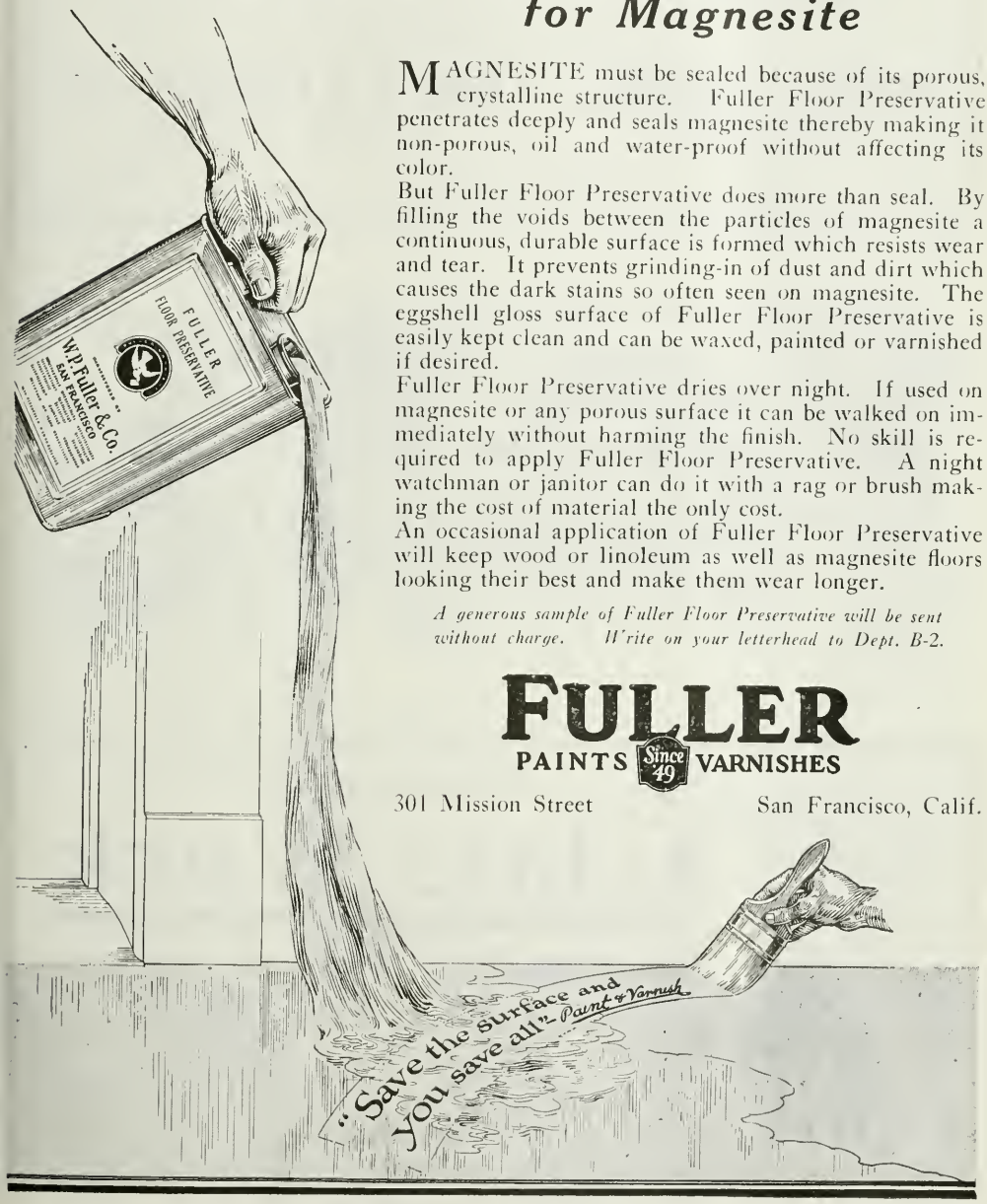
An occasional application of Fuller Floor Preservative will keep wood or linoleum as well as magnesite floors looking their best and make them wear longer.

A generous sample of Fuller Floor Preservative will be sent without charge. Write on your letterhead to Dept. B-2.

FULLER

PAINTS Since '49 **VARNISHES**

301 Mission Street San Francisco, Calif.



MT. DIABLO CEMENT

A Contra Costa County Product. Awarded Gold Medal P. P. I. E.

Cowell Santa Cruz Lime

Always used where quality counts.

HENRY COWELL LIME & CEMENT CO.

2 MARKET STREET SAN FRANCISCO, CALIF.

BRANCHES

Oakland San Jose Sacramento Santa Cruz Portland, Ore. Tacoma, Wash.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE. WEST 3810.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

Official Proposals

NOTICE TO CONTRACTORS

(Terra Bella Irrigation District)

Notice is hereby given that the Board of Directors of the Terra Bella Irrigation District will receive bids up to 11 **o'clock a. m., Sept 4, 1923,** for the furnishing of well casing for two wells, f. o. b. Terra Bella, about in the following quantities:

16 inch double No. 12 220 feet.
12-inch double No. 12 1500 feet.
2—16 in. starters, 2 ply.
2—12 in. starters, 3 ply.

according to specifications therefore and on file in the office of the Terra Bella Irrigation District

Bids are to be addressed to Earle **R. Clemens,** Secretary, Terra Bella, **Calif.,** and plainly marked on the outside, "Bids for Well Casing."

A certified check made payable to the Terra Bella Irrigation District must accompany each bid.

The Board of Directors reserves the right to reject any or all bids, to waive defects and to accept any part of any bid.

The bidder must enter into contract within 10 days from the day the contract is awarded to him and furnish a bond satisfactory to the Board of Directors for the faithful performance of the contract.

TERRA BELLA IRRIGATION DISTRICT,
Earle R. Clemens, Secretary.

NOTICE TO BIDDERS

(Steel Lockers—Napa Union High School District)

For supplying the Napa Union High School District of Napa County, California with 132 steel lockers

Office of the Board of Trustees of the Napa Union High School District, Napa County, August 15, 1923.

NOTICE IS HEREBY GIVEN, that in pursuance of an order of the Board of Trustees of the Napa Union High School District of Napa County, made and entered on the 13th day of August, 1923, sealed bids will be received by said Board **up to the hour of 8 o'clock P. M., of Tuesday, September 4, 1923,** for supplying the Napa Union High School District with 132 steel lockers, according to plans and specifications prepared for the same by O. R. Hull, Principal, and on file at the high school office.

The Board reserves the right to reject any or all bids.

By order of the Board of Trustees of the Napa Union High School District, Napa County, California.

HOWARD E. ROPER,
Clerk.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on September 17, 1923,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Plumas and Lassen Counties, between 3 miles east of Chester and 3 miles east of Westwood (II-Plu-Las.-29-A), about twelve and seven-tenths (12.7) miles in length, to be surfaced with gravel.

Trinity County, between 2 miles south of Weaverville and Tom Long Gulch (II-Tri-20-A&B), about eleven and one-tenth (11.1) miles in length, to be surfaced with gravel or broken stone.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is asaured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MINON, Secretary.

Dated: August 20, 1923.

NOTICE TO BIDDERS

(Hanford Joint Union High School District)

Notice is hereby given that the Trustees of the Hanford Joint Union High School District, at a special meeting of the Board, held Monday, August 8th, 1923, 8:00 P. M. at its regular place of meeting, passed a motion, duly made and seconded to purchase a certain number, more or less, steel lockers, to meet the requirements of the said district, and that the clerk of the Board be instructed to cause to be placed in the Hanford Sentinel, a notice to bidders of its intention to purchase a number of steel lockers of the following description:

400, more or less, lockers, 42 inches high, 12 inches wide by 15 inches deep. Lockers to be installed back to back, excepting 26 to be arranged in three single tiers. Flat top, adjustable legs, doors and frames to be made of not less than No. 16 U. S. gauge steel.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

325, more or less, lockers, 15 by 15 by 15 inches, to be made of not less than No. 22 gauge steel.

Each locker to have at least two hooks, two coats of baked enamel finish, color green, Oxy-acteylene welded frames with invisible joints. All lockers to be fitted with Miller click padlocks and number plates.

Notice is further given that the said board of trustees, of said high school district, will receive proposals to furnish steel lockers, as described, **up to Monday, Sept. 10th, 1923, not later than 8:00 P. M.,** All bids to be sealed with name of bidder shown on envelope, and mailed to, or delivered in person, to the clerk of the Board on or before the date mentioned.

A certified check or bidder's bond for 10 per cent of the amount of the bid must accompany same.

The Board of Trustees reserves the right to reject any or all bids.

G. W. ARMSTEAD,
Clerk of the Board of Trustees

NOTICE TO CONTRACTORS

(Pump—Town of Yuba City)

Sealed proposals will be received at the office of the Board of Trustees of the Town of Yuba City, Cal., until **8 P. M., on August 27, 1923,** at which time they will be publicly opened and read for furnishing and installing a vertical Deep Well Turbine Pump Complete With Motor, at the center well of the Municipal Water Works of the Town of Yuba City.

Forms of proposal, bonds, contract and specifications may be obtained at the office of the City Engineer, Yuba City, California.

No bid will be received unless it is made on the blank form furnished for the purpose.

The Board of Trustees reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the City.

BOARD OF TRUSTEES OF THE TOWN OF YUBA CITY, CALIF.
C. C. KLINE, Clerk of Said Board.
Yuba City, Aug. 13, 1923.

BIDS WANTED FOR SAND BLASTING FERRY BUILDING

NOTICE TO CONTRACTORS

Informal bids will be received by the undersigned up to **two o'clock p. m., Tuesday, August 28th, 1923,** for sand blasting the granite and sandstone surfaces along the Embarcadero frontage of the Ferry Building.

The work consists of sand blasting all sandstone and granite surfaces from the top of the coping above the main cornice to the sidewalk level. The sand blasting shall be continued until all surface stains and discolorations are removed and a uniform surface of clean stone is produced.

The contractor shall remove and replace temporary sign boards and fixtures which may interfere with the work. He may either remove and replace the electric light bulbs on the building or he may leave them in place and work around them. He shall be responsible for and shall replace any bulbs broken or stolen. The sand blasting shall be carried under the steel conduit connecting the lights. After sand blasting the conduit the contractor shall give it two coats of white lead paint of a quality approved by the Chief Engineer and of a color matching the sandstone.

The contractor shall barricade his work and take such precautions as are necessary to safeguard the passengers and people entering and leaving the Ferry Building.

All work shall be done under the inspection and to the satisfaction of the Chief Engineer.

Each bidder shall submit a lump sum price for doing the above de-

scribed work in accordance with the foregoing specifications.

The successful bidder shall file with the Secretary of the Board a certified check in the amount of 15% of the contract price to insure the faithful performance of the contract. The contractor will also be required to have ample and sufficient insurance to meet all obligations that may arise under the terms of "The Workman's Compensation Insurance and Safety Act."

Payment will be made by draft on the State Controller on completion and acceptance of the work.

FRANK G. WHITE,
Chief Engineer.

BIDS WANTED FOR GOVERNMENT HIGHWAY

NOTICE TO CONTRACTORS

Sealed proposals for constructing or improving the Prescott-White Spar Forest Highway, located in the Prescott National Forest, State of Arizona, County of Yavapai, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, 242 West Washington Street, Phoenix, Arizona, until 2 o'clock P. M., on the 11th day of September 1923, at which time and place they will be publicly opened and read. The right is reserved to reject any or all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The length of the project to be constructed or improved is approximately 15.583 miles and the principal items of work are approximately as follows:

Clearing and Grubbing, the entire project.
Unclassified Excavation, 423, 404 Cubic Yards.
Finishing Graded Road, 15.637 Miles
Class "A" Concrete, 1,470 Cubic Yards
Class "D" Concrete, 890 Cubic Yards
Reinforcing Steel, 190,000 Lbs.
Corrugated Metal Pipe Culverts, 11,746 Lin Feet
Protection Ditch, 82,500 Lin. Feet
Concrete Hand Rail, 237 Lin. Feet.

The Government has available for loan to contractors on a rental basis, equipment as listed in the specifications on page 37. Contractors will state in bid the equipment that will be used during the construction and the minimum time required. The estimated rentals will be deducted from the total of the construction items and award will be made on bid to best advantage to the Government.

The work embraced in this contract shall be completed within 450 weather working days following the execution of the contract by the Secretary of Agriculture.

The contract form and maps, plans, specifications and estimates of quantities may be examined by responsible contractors at the Bureau of Public Roads, 242 West Washington Street, Phoenix, Arizona.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of certified check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms, and in accordance with instructions forming a part of the specifications above referred to and must be accampanied by proposal guaranty in an amount at least equal to five per cent (5%) of the total amount of the proposal.

E. S. WHEELER,
District Engineer.

NOTICE INVITING SEALED PROPOSALS FOR FURNISHING LUMBER

City of Santa Cruz)

Notice is hereby given that the Council of the City of Santa Cruz invites Sealed proposals or Bids for furnishing Lumber to said City as follows:

1x8-in.—10-in.—12-in. — 6 feet Merchantable Redwood—31,680 Bd. Feet.
330 pieces 1 x 8—16 feet Merchantable Redwood.
330 pieces 2 x 4—16 feet Merchantable Redwood.
Lumber in above Lot to be delivered F. O. B. Upper High Street Reservoir. Deliveries to be made subject to the order of the Commissioner of Public Works.

Delivery to be made within 30 days after award of contract.

125 pieces 2 x 8 x 14 feet Merchantable Redwood.
75 pieces 1 x 12 x 12 feet Merchantable Redwood.
75 pieces 2 x 12 x 12 feet Merchantable Redwood.
Lumber in this Lot to be delivered F. O. B. Corporation Yard, City of Santa Cruz.

Delivery to be made within 30 days after award of contract.

Said Proposals or Bids will be received at the office of the City Clerk in the City Hall, Church Street, in the City of Santa Cruz, up to the hour of **9 o'clock A. M., on Tuesday, the 28th day of August, 1923**, and the same will be opened and declared at 9:30 o'clock A. M. on Tuesday, the 28th day of August, 1923.

The Council of said City reserves the right to reject any and all bids.

S.A. EVANS,
City Clerk.

Dated August 17, 1923.

NOTICE TO CONTRACTORS

(Santa Rosa School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Education of the City of Santa Rosa School District, Sonoma County, State of California, in the present High School Annex Building, Santa Rosa, at **8 p. m., September 10 1923**, for the erection and completion of a three-room frame Primary School Building in the said City of Santa Rosa, State of California, according to plans and specifications prepared for the same by W. H. Weeks, Architect.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, Calif., or at the office of W. Herbert, 506 Rosenberg Bldg., Santa Rosa, California.

Each bid must be accompanied by a certified check on some responsible California bank, in the sum of not less than Five per cent (5 per cent) of the amount bid, made payable to Mrs. Sara N. Hatch, Sec. of the Board of Education of the City of Santa Rosa School District, for the purpose stated in the specifications.

Each bid must be enclosed in a sealed envelope and adoressed to Mrs. Sara N. Hatch, sec. of the Board of Education and endorsed:

"PROPOSAL FOR PRIMARY SCHOOL BUILDING."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Secretary of the Board of Education at her office in the present High School Annex in the said City of Santa Rosa, at the time and place of meeting above stated; or any time up to the hour of opening said bids.

SARA N. HATCH,
Secretary of the Board of Education,
City of Santa Rosa School District.

BUSINESS OPPORTUNITIES

(Continued from Page 17)

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Bureau of Domestic and Foreign, Chamber of Commerce Merchants Exchange Bldg., San Francisco:

D-749—Raspeburg, Baltimore, Md. An experienced sales executive (until recently managing director of a national manufacturing enterprise) is seeking factory representation in Baltimore, Md., and vicinity of, preferably, a mechanical or technical line. Office and branch plant to be established if desirable. Entire time will be given a single account if of sufficient merit and volume; otherwise, corresponding lines will be solicited.

D-752 — Chicago, Ill. Promoters of sales campaigns desire to get in touch with manufacturers, packers and importers for the purpose of placing their merchandise on the markets in the Middle States.

D-757 — Sacramento, Calif. Firm is seeking connections with manufacturer or wholesaler of casket hardware and glue.

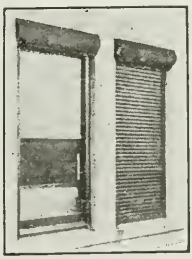
7375—Ravensburg, Germany. Gentleman desires a selling representative for his various glass mirrors. Samples and price list.

7382—Berlin, Germany. Firm wishes a local distributor for their liquid polish for wood or metal objects.

7385 — Birmingham, England. Firm offers radiator tubes of nickel, silver white metal, aluminum, brass and copper at very attractive prices consistent with high quality.

7389—Panama. Prices and time of delivery wanted on Oregon pine lumber, plain 2-inch and 5-inch for bridge false work; creosoted lumber, SIS, plain and shiplap, 3x12x12 and 4x12x12. Deliveries to be at Panama, in lots of 50,000 to 100,000 feet B. M.

KINNEAR ROLLING DOORS



Furnished for the closure of all types of door and window openings.

Underwriters Label furnished when desired

Pacific Materials Co.

525 Market Street San Francisco

Engineering News Section

BRIDGES

LAKEPORT, Lake Co., Cal.—Until Sept. 4, 10 A. M., bids will be rec. by Fred H. Merritt, County Clerk, to const. conc. bridge across Adobe creek in Big Valley. Cert. check 10% req Plans obtainable from county clerk on deposit of $10.

FRESNO, Fresno Co., Cal.—E. K. Angle, at $13,500 awarded cont. by county supervisors to reconst. Firebaugh bridge; eng. est. $18,000.

MERCED, Merced Co., Cal.—Until Sept. 5, 10 a. m., bids will be rec. by P. J. Thornton, county clerk, to const. 3 rein. conc. bridges as follows:

Bridge No. 93, over north branch of Duck Slough on Merced-Chowchilla rd. in Road Dist. 2 and 3½ miles south of Merced.

Bridge No. 95 over Chowchilla river on Merced-Chowchilla Road about 13¾ miles south of Merced.

Bridge No. 116 over Canal Creek on Amsterdam and Shaffer road in Road Dist. 3.

Plans obtainable from W. E. Bedesen, county surv.

MERCED, Merced Co., Cal. — Until Sept. 5, 10 a. m., bids will be rec. by P. J. Thornton, county clerk, to const. bridge over Owen's creek in South Orchard drive in Rd. Dist. No. 2. Plans obtainable from W. E. Bedesen, county surveyor.

RIVERSIDE COUNTY, Cal.—Gibbons & Reed, 905 S. Olive St, Los Angeles, at $120,132.50 awarded cont. by State Highway Comm., to const. bridge in Riverside county, across Whitewater River near Whitewater; composed of eight 54-ft. rein. conc. girder spans with conc. piers, abutments and wing walls, approx. 1975 ft. earth dykes with rein. conc. slope paving; approx. one-half mile of approach roadway paved with Portland cem. conc. and rein. conc pipe culverts through roadway and dykes. Eng. estimate, $132,217.

UKIAH, Mendocino Co., Cal.—Renner Foundation Co., 828 Montgomery St., San Francisco, at $15,247 awarded contract by supervisors to const. Pratt combination bridge across Russian River at Vichy Springs Crossing; composed of two 120-ft. spans and two 100 ft. pile approaches; spans with 3 conc. piers on pile foundations. W. L. Proctor, Santa Rosa, only other bidder at $15,571.50.

UKIAH, Mendocino Co., Cal.—W. L. Proctor, Rosenberg Bldg., Santa Rosa, only bidder at $8178 awarded cont. by county supervisors to const. Pratt combination truss bridge and trestle across Russian River, at Calpella. Bidder to furnish 300 ft. wooden bent trestle, all lumber and concrete piers in place.

SAN FRANCISCO—U. S. Steel Products Co., Rialto Bldg., San Francisco, under Proposition A, $272,162, awarded cont. by Board of Public Works to construct bridge superstructure across Dumbarton Straits for Bay Crossing Pipe Line of Hetch Hetchy water supply system involv. fur., del. and erecting steel bridge spans complete, 36 in all, each span 105 ft. involv. 2,880,000 lbs. metal; fur. and applying 326,000 sq. ft. protective coating on surface of all steel; fur. del. paint and erect 288 r.w. pipe sills and fur. del. paint and erect 58,500 ft. B.M. O. P. walkways.

ARROYO GRANDE, San Luis Obispo Co., Cal.—Until 8 P. M., Sept. 5, bids will be rec. by Bd. of Trustees to const. 110 ft. span reinf. conc. arch bridge on Mason St. Est. cost, $20,000. Burch & Beck, engrs., San Luis Obispo.

STOCKTON, San Joaquin Co., Cal—Until Sept. 5, 11 A. M., bids will be rec. by Eugene D. Graham, County Clerk, to remove old steel bridge on Lower Sacramento road over Mokelumne river near town of Woolbridge in Rd. Dist. No. 2, provide a temporary crossing for travel and erect rein. conc. girder bridge on site of old structure and grade approach thereto. Est. cost, $16,500. Cert. check 10% payable to Chairman of Bd. of Supervisors req. Plans obtainable from County Surv. F. E. Quail on deposit of $10, returnable.

VISALIA, Tulare Co., Cal.—County surveyor Lawrence O. Moye estimates cost of const. 62.25 m. road from Camp Nelson over mountain ridge, to the Tulare-Inyo county line at Mulky Pass, at $421,745. The route will require two conc. bridges of 70-ft. and 60-ft. spans, costing $92,320. The roadway would be 14-ft. wide on the hillsides, and 16 to 20 ft. on the level. The wider roadway would be surfaced with 12-in. decomposed granite.

WILLOWS, Glenn Co., Cal.—W. R. Zumwalt, Willows, at $8250 awarded cont. by supervisors to construct River Bend Bridge.

MARYSVILLE, Calif. — See "Streets and Sewers," this issue. Supervisors to levy $200,000 tax.

SAN LUIS OBISPO, Cal.—Until Sept. 4, 2 p. m., bids will be rec. by J. G. Driscoll, county clerk, to const. 110-ft. span rein. conc. arch bridge over Arroyo Grande creek in city of Arroyo Grande; est. cost $20,000. Burch and Beck, engineers, San Luis Obispo. Cert. check 10% payable to Chair. Bd. of Supervisors req. Plans obtainable from county clerk on deposit of $5.

RED BLUFF, Tehama Co., Cal.—C. E. McCartney, Red Bluff, at $6100 awarded cont. by county supervisors to const. conc. bridge over Battle creek on Red Bluff and Susanville State Highway, near Mineral, about 45 mi. each of Red Bluff, Supervisor District No. 3. Other bidders were: C. N. Bostrom, Oakland, $7800; R. B. McKenzie, Gerber, $7775; Cockrane & Boehm, S. F., $7649; F. E. Horn, Red Bluff, $9545; T. H. & M. C. Polk, Chico, $7674.

CARSON CITY, Nevada. — Security Bridge Co., Ogden, Utah, at $7243.60 awarded contract by State Highway Commission to const. timber trestle in Lincoln County over Meadow Valley Wash. Structure will be 75 feet in length and involv. 150 cu. yds. excavation unclassified; 18 cu. yds. class B conc.; 640 lin. ft. timber piles; 33 M ft. B. M. timber; 200 sq. ft. asphaltic wearing surface; 96 lin. ft. wooden guard rail. Kroft & Bundy, Ogden, Utah, only other bidder at $11,930.

Engineers and Contractors
PLEASE NOTE
We are FACTORY distributors
—for—
MILBURN CARBIDE FLARE LIGHTS
for Night Work 500 - 12,000 c. p.
Economical and Efficient
MILBURN OXY-AVETYLENE WELDING AND CUTTING APPARATUS
for Repairing and Construction
Let us send you full information
E. D. BULLARD
268 Market St., San Francisco
Phone Douglas 6320-Doug. 6321

SANTA BARBARA, Cal.—Supervisor C. L. Prelsker, 5th road dist., planning to const. bridge in Tepesquet Canyon; cost, $12,000.

SANTA CLARA CO., Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, Sept. 11, to const. 2 bridges, one across Cedar creek, Santa Clara county, about 18-mi. east of Gilroy, to be 42-ft. 4-in. rein. conc. girder spans with conc. piers, abutments and wing walls and a bridge over North Pacheco creek, about 21-mi. east of Gilroy, composed of three 50-ft. and four 25-ft. rein. conc. girder spans on conc. bents. This work involves: 400 cu. yds. class A and 152 cu. yds. class C Port. cem. conc. for bridge across Cedar Creek; 57,700 pounds rein. steel for bridge across Cedar Creek; 1018 cu. yds class A Port. cem. conc. and 144,000 lbs. rein. steel for bridge across North Fork Pacheco Creek.

UKIAH, Mendocino Co., Cal. — Until Sept. 11, 10 a. m., bids will be rec. by W. H. Prather, county clerk, to const. three rein. conc. bridges at Henley Creek, Grist Creek and Hornbrook creek, and also a corru. iron pipe culvert with headwalls, all in road from Dois Rios to Covelo, involv. 231.82 cu. yds. rein. conc.; 119.70 cu. yds. plain conc. County furnishes corru. pipe f. o. b. Dios Rios. Cert. check 10% req. Plans obtainable from county surveyor on deposit of $10, returnable.

SAN DIEGO, Cal.—de Waard & Cobham, 207 Granger Bldg., San Diego, submitted low bid to supervisors at $5544 to repair bridge over Sweetwater river. Other bids were: Lipscomb & Dutton, $5661 Great Western Bldg Co. $6815; C. O. Larson, $6257; Fred W. Steffgen, $6547; L. C. Smith, $6950; H. A. Jackson, $7266.

DREDGING, HARBOR WORKS AND EXCAVATIONS

PORTLAND, Ore.—Petitions are being circulated for presentation to the City Council seeking the construction of a sea wall along the Portland waterfront. City Eng. O. Laurgaard has prepared preliminary estimate for the wall and the intercepting sewer, which would be an integral part of the undertaking, the cost being $1,989,000; of this amount the wall would cost $1,686,000.

LOS ANGELES, Cal.—Until 2:30 p. m. Sept. 14, bids will be rec. by harbor comm., 312 Byrne Bldg., for dredging slip at Berth 230, under spec. 429, involving 700,000 cu. yds. material and for conc. viaduct and ramp for Harbor Blvd. Spec. 409.

SAN JOSE, Santa Clara Co., Cal.—County surveyor preparing spec. for bridges and culverts in Alamitos road Supervisor's District No. 4 from bridge at Hacienda to end of road near quarter sections corner in the west line section 15, T. 9 S, R. 1 E. Henry A. Pfister is county clerk.

BIGGS, Butte Co., Cal.—John Phillips, Sacramento, at $19,380 awarded cont. by Drainage District No. 200 of Butte County, at the office of W. W. Green, engineer of District, to const. protection levee along or near the west line of the district to restrain flood water of Cherokee canal; const. of 2 drainage ditches near the levee; removal of present east levee of Cherokee canal for distance of 600 ft. and placing removed earth alongside proposed levee. Other bids were:

Ajax Dredging Co., S. F.	$19,722
Tieslau Bros., S. F.	22,600
Daniel Bayles, Biggs	23,940
C. R. Adams, Merced	28,800

HONOLULU, T. H.—See "Government Work and Supplies," this issue. Bids wanted for Breakwater.

BIGGS, Butte Co., Cal.—John Phillips, Sacramento, at approx. $20,000 awarded cont. by Drainage District No. 200 of Butte County to const. protection levee along or near the west line of the district to restrain flood water of Cherokee canal; const. of 2 drainage ditches near the levee; removal of present east levee of Cherokee canal for distance of 600 ft. and placing removed earth alongside proposed levee.

SACRAMENTO, Cal.—Revised plans for the drainage of lands south of the Sutter Buttes in the vicinity of Poddle Creek have been submitted to the State Reclamation Board by R. L. Morehead, farmer of the district. The plans provide for the const. of a canal from foot of Buttes southward to pt. where it would join Poddle Creek, which would carry the excess waters to a pumping plant just north of the junction of the Wadsworth canal with the Sutter-Butte by-pass. It is estimated the cost of the shorter canal would be $19,000.

CALIFORNIA — State Reclamation Board, Forum Bldg., Sacramento, will consider applications for improvements in various reclamation districts:

District 1660—construction of levees.

District 2047—construction of 7 current retards at Hamilton Bend.

District 1500—Installation of pipes through levee for the pumping plant of A. Morbai near Four-Mile Bend above Knights Landing.

District 1500—Approval of new and supplementary plans for reclamation of district.

District 1000—Extension of pipes through levee near district cross canal for Margaret Lyall pumping plant.

District 1500—Final hearing on application to construct current retards near Collins Eddy. Temporary permission already given.

IRRIGATION PROJECTS

SACRAMENTO, Cal.—Following is a partial list of applications filed with State Department of Public Works, Division of Water Rights, during month of July, for permits to appropriate water:

Application No. 3498 (Los Angeles County) C. F. Cook, Los Angeles, 3000 ac. ft. per annum from Big Santa Anita Canyon for agricultural and domestic purposes. Proposes to irrigate 1500 acres in the Santa Anita Tract.

App. 3499 (Tehama Co) J. J. Mooney, Proberta, Cal., for 5 cu. ft. per sec. from Sacramento River, for irrigation of 400 acres. Est. cost $5000.

App. 3500 (Tehama Co) Geo. B. Champlin, Asa G. Peake, R. S. Godboldt, and L. L. Godboldt, Red Bluff, 26 cu. ft. per sec. from Sacramento River to irrigate 2090 acres in the Stanford Vina Ranch. (No cost given).

App. 3501 (Marin Co) R. H. Thayer, San Rafael, .01 cu. ft. per sec. from an unnamed creek for irrigation and domestic purposes to irrigate 1 acre. Est. cost $1000.

App. 3502 (Madera Co) Southern California Edison Company, Los Angeles (a) 300 cu. ft. per sec., (b) 400 cu. ft. per sec., (c) 25 cu. ft. per sec. from (a) Chiquito Creek (b) Balls Creek (c) Power House Creek for power purposes

App. 3503 (Madera Co) Southern California Edison Co. Los Angeles for (a) 150 cu. ft. per sec .(b) 500 cu. ft. per sec. from (a) Mugler Creek (b) Chiquito Creek, for power purposes.

App. 3504 (Madera Co) Southern California Edison Co., Los Angeles, 50 cu. ft. per sec. and 7000 ac. ft. per annum from Chiquito Creek for power purposes.

App. 3505 (Madera Co) Southern California Edison Co., Los Angeles, (a) 200 cu. ft. per sec., (b) 700 cu. ft. per sec. from (a) Jackass Creek, (b) West Fork Jackass Creek, for power purposes.

App. 3506 (Madera Co) Southern California Edison Co., Los Angeles, 720 cu. ft. per sec. from Jackass Creek for power purposes.

App. 3507 (Fresno Co) Southern California Edison Co., Los Angeles, 5000 ac. ft. per annum from South Fork San Joaquin River, for power purposes.

App. 3508 (Madera Co) Southern California Edison Co., Los Angeles, 500 cu. ft. per sec. and 10,000 ac. ft. per annum from Middle Fork San Joaquin River for power purposes.

App. 3509 (Madera Co) Southern California Edison Co., Los Angeles, 800 cu. ft. per sec. and 80,000 ac. ft. per annum from Middle Fork San Joaquin River, for power purposes.

App. 3510 (Madera Co) Southern California Edison Co., Los Angeles, 850 cu. ft. per sec. and 60,000 ac. ft. per annum from San Joaquin River, for power purposes.

Application No. 3512 (Lake Co) E. W. Skaggs, Fulton, Cal., 0.75 cu. ft. per sec. from Putah Creek, for irrigation of 60 acres. Est. cost $1500.

App. 3513 (Plumas Co) A. J. Watson, Quincy, Cal., 90,000 ac. ft. per annum from Red River Creek for irrigation of 10,000 acres. Est. cost $1,000,000.

App. 3514 (Plumas Co) A. J. Watson, Quincy, Cal., 25 cu. ft. per sec. from Last Chance Creek, 5 cu. ft. per sec. from Red Clover, and 90,000 ac. ft. per annum from Red Clover and Last Chance Creeks, for power purposes to generate 18,750 t.h.p. 5½ miles of ditch. Est. cost $675,000.

App. 3516 (Stanislaus Co) D. F. Koetitz, Modesto, Cal., for 3 cu. ft. per sec. from Stanislaus River for irrigation of 240 acres. Est. cost $5000.

App. 3517 (Mendocino Co) Edward E. Bruner, 1499 Sutter St., San Francisco, .25 cu. ft. per sec. from Howell Creek for domestic, stock and irrigation purposes. Est. cost $1000.

App. 3518 (San Joaquin Co) Herman F. Strecher, Stockton, Cal., 7.12 cu. ft. per sec. from San Joaquin River, for irrigation of 570 acres by pumping. Est cost $5000.

App. 3519 (Yuba Co) Browns Valley Irrigation District, Browns Valley, Cal., 12,000 ac. ft. per annum from Tennessee Creek, for irrigation and domestic purposes. Area to be irrigated, 3000 acs.

App. 3520 (Santa Cruz Co) City of Santa Cruz, Santa Cruz, Cal., 100 cu. ft. per sec. from San Lorenza River, for power generation. Proposed development, 3200 h. p.

App. 3521 (Los Angeles Co) Mary O. Petchner, Palmdale, Cal., 2 cu. ft. per sec. from Bear Gulch, for irrigation and domestic use. Area to be irrigated 160 acres.

App. 3522 (Los Angeles Co) Benjamin F. Burkhart et al, Little Rock, Cal., 1500 ac ft. per annum from Devils Gulch for domestic purposes and irrigation.

App. 3523 (Riverside Co) Kuster and Waterbury, Corona, Cal., .97 cu. ft. per sec. from natural drainage channel tributary to Temescal Wash., for irrigation of 78 acres. (Supplemental to App. 2487).

App. 3524 (Mono Co) Indian Wells-Fremont Water Storage District, Inyokern, Cal. 1175 cu. ft. per sec. and 39,400 ac. ft. per annum, from Mill and Leevining Creeks, Gibbs Canyon, Walker, Parker and Rush Creeks, for power purposes. Length of conduit, 41.7 mi. Proposes to develop 8830 t.h.p.

App. 3525 (Mono Co) Indian Wells-Fremont Water Storage District, Inyokern- Cal., 1275 cu. ft. per sec. and 65,-400 ac. ft. per annum from Mill, Leevining, Gibbs Canyon, Walker, Parker, Ruch Creeks and natural run-off and seepage from Adobe and Black Lake Valleys, for power purposes. Length of conduit, 57.3 miles. Propose to develop 29,795 t.h.p.

App. 3526 (Mono Co) Indian Wells-Fremont Water Storage District, Inyokern, Cal., 1275 cu. ft. jer sec. and 65,400 ac. ft. per annum from Mill, Leevining, Gibbs Canyon, Parkerf, Rush Creeks and natural run-off and seepage from Adobe and Black Lake Valleys, for power purposes. Total length of conduit, 64.3 miles. Propose to develop 29,659 t.h.p.

App. 3527 (Mono Co) Indian Wells-Fremont Water Storage District, Inyokern, Cal., 1275 cu. ft. per sec. and 65,-400 ac. ft. per annum from Mill, Leevining, Gibbs Canyon, Walker, Parker, Rush Creeks and natural run-off and seepage from Adobe and Black Lake Valleys, for power purposes. Total length of conduit, 67.8 miles. Propose to develop 53,182 t.h.p.

App. 3528 (Mono Co) Indian Wells-Fremont Water Storage District, Inyokern, Cal., 1275 cu. ft. per sec. and 66,-600 ac. ft. per annum from Mill, Leevining, Gibbs Canyon, Walker, Parker, Rush Creeks, flood waters from Marble and Montgomery Creeks, and natural run-off and seepage from Adobe and Black Lake Valleys, for power purposes. Total length of conduit, 80.3 miles. Propose to develop 11,523 t.h.p.

App. 3529 (Mono Co) Indian Wells-Fremont Water Storage District, Inyokern, Cal., 1275 cu. ft. per sec. and 66,-600 ac. ft. per annum from Mill, Leevining, Gibbs Canyon, Walker, Parker, Rush Creeks, flood waters from Marble and Montgomery Creeks, and natural run-off and seepage from Adobe and Black Lake Valleys, for power purposes Total length of conduit, 86.4 miles. Propose to develop 4466 t.h.p.

App. 3530 (Mono Co) Indian Wells-Fremont Water Storage District, Inyokern, Cal., 1275 cu. ft. per sec. and 66,-600 ac. ft. per annum from Mill, Leevining, Gibbs Canyon, Walker, Parker, Rush Creeks, flood waters from Marble and Montgomery Creeks, and natural run-off and seepage from Adobe and Black Lake Valleys, or power purposes. Total length of conduit including 45 miles in Owens River, 224.2 miles. Propose to develop 11,250 t.h.p.

App. 3531 (Modoc Co) SX Ranch, Alturas, Cal., 365 ac. ft. per annum from Dry Valley, for irrigation of 65 acres Est. cost. $1000.

App. 3532 (Los Angeles Co) San Dimas Water Co., San Dimas, Cal., 2500 ac. ft. per annum from Puddingstone or Walnut Creek, for agriculture and domestic use. Est. cost, $150,000.

App. 3534 (Los Angeles Co) Nelle F. Johnson, Los Angeles, Cal., 10 in. from La Prais Creek and 10 in from 2 springs for agricultural and domestic purposes. Ditch 1 mile long.

App. 3535 (San Bernardino Co) Patrick Zanini, Barstow, Cal., 4 cu. ft. per sec. from Mojave River, for irrigation and stock watering by means of 3 pumps. Est. cost, $3000.

App. 3539 (Santa Clara Co) K. T. Howe, Morgan Hill, Cal., 2 cu. ft. per sec. from Uvas Creek, for irrigation and domestic purposes. Irrigated area 160 acres.

App. 3540 (San Diego Co) San Diego and Arizona Railway Co., San Diego, Cal., 210 ac. ft. per annum from Clover Creek, for locomotives. Est. cost $9000.

App. 3541 (Tulare Co) California Hot Springs Inc., Hot Springs, Cal., for 35 cu. ft. per sec. from Deer Creek, for generation of 97 h.p. Est. cost $15,000.

App. 3545 (Mono Co) John J. Roden-

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

kirch, Dyer, Nevada, 1 cu. ft. per sec. from Elm Creek and 1 cu. ft. per sec. from Wildhorse Creek, for agricultural purposes. Est. cost $5000.

App. 3548 (Siskiyou Co) Samuel J. Dunaway et al, Happy Camp, 3 cu. ft. per sec. from Buzzard Creek, for power for mining. Est. cost $1000.

App. 3549 (Sierra Co) J. E. West, Fresno, Cal., 60 cu. ft. per sec. from Whiskey Creek, for hydraulic placer mining. Est. cost, $2000.

App. 3550 (Nevada Co) Pacific Gas & Electric Co., San Francisco, 26,670 ac. ft. per annum from Fordyce Creek, for agricultural purposes. Est. cost, $745,-500.

App. 3551 (Lassen Co) Elbert E. Koons, Stacy, Cal., 2 cu. ft. per sec. from Spencer Creek, for irrigation of 160 acres. Est. cost $3000.

App. 3552 (Tehama Co.) Geo. Vogelsang, Vina, Cal., 2.62 cu. ft. per sec. from Sacramento River, on East Bank of Sacramento River, for irrigation of 210 acres. Est. cost, $2000.

App. 3554 (Nevada Co.) Excelsior Water & Power Co., Sacramento, Cal., 25 cu. ft. per sec. from South Yuba River, for generation of hydroelectric power. Est. cost, $15,500.

PERMITS

Following permits were granted by the Division of Water Rights during the month of July:

Permit No. 1478 (Butte Co) Guy Wilkinson, Oroville, Cal., for 15,000 cu. ft. per sec. from Feather River, for power purposes. Proposes to develop 47,659 t.h.p. Est. cost $500,000.

Permit 1481 (Nevada Co) Excelsior Water & Power Co., Sacramento, Cal., for 60,000 ac. ft. per annum from Deer Creek, for irrigation of 18,000 acres. Est. cost $329,000.

Permit 1482 (Kern Co) T. C. Hanners and M. C. Benedict, Inyokern, Cal., for .12 cu. ft. per sec. from Demsey canyon for domestic and irrigation of 105 acres near point of diversion. Est. cost $4000.

Permit 1483 (Riverside Co) James Kincheloe, 835½ W 40th Place, Los Angeles, Cal., for 3.06 cu. ft. per sec. from Bedford Canyon, for irrigation of 245 acres near point of diversion. Est. cost $18,000.

Permit 1487 (Merced Co) Annie A. Scanlon, San Francisco, Cal., for 3 cu. ft. per sec. from North Fork of Merced River for power purposes. Proposes to develop 36 t.h.p.

Permit 1488 (Mariposa Co) Annie A. Scanlon, 2739 California Street, San Francisco, Cal., for 3 cu. ft. per sec. from North Fork of Merced River for mining purposes near point of diversion. Est. cost $1000.

TRACY, San Joaquin Co., Cal—Directors of the Banta-Carbona Irrigation District have adopted the report of Engineer W. D. Harrington for work in the district and have applied to the State Bond Commission for permission to call an election to vote bonds of $705,000 to finance the project. Water will be pumped through and a system of pipe lines, water to be obtained from the San Joaquin river.

MODESTO, Stanislaus Co., Cal.—Modesto Irrigation District votes bonds of $135,000 of which $351,000 is to reimburse the Turlock Irrigation District for moneys advanced in the construction of the Don Pedro dam and $60,000 for the installation of an electric drainage system yet to be undertaken by the district.

PHOENIX, Ariz. Verde River Irrigation and Power Dist. 517 East Adams St., comprising 102,000 acres of land, 12 mi. n. of Phoenix, voted a $23,000,000 bond issue on Aug. 7. Bids for the sale of the bonds will be advertised shortly, and it is expected that bids for the construction work will be called soon after. The proposed construction work involves (1) Irrigation works and (2) power development. The first comprises the following construction projects: Camp Verde storage dam—alternate plan no. 1, rockfill type; maximum height, 265 ft., Camp Verde dam—alternate plan No. 2, conc. constant radius arch type; Horseshoe dam, multiple arch type, 160 ft. high; Bartlett diversion dam, conc. constant radius arch type, 28 ft. high; McDowell Canal, 22.7 mi. long; Paradise Canal, 39.4 mi. long; New River dam, earth fill type, 90 ft. high; distribution system for 102,000 acres; and 50 deep well type pumping plants. The Power Development plans include: Camp Verde power plant, 24,000 h. p.; Horseshoe power plant, 3700 h. p.; Horseshoe canal, 15 mi. long; Bartlett power house, 12,000 h. p.; Power Plant No. 1, diversion dam 35 ft. high; canal 7.6 mi. long to develop 8000 h. p.; Power Plant No. 2, diversion dam 25 ft. high, canal 3.9 mi. to develop 6800 h. p.; Power Plant No. 3, diversion dam 20 ft. high, canal 7.8 mi., to develop 8700 h. p.; Power Plant No. 4, diversion dam, 28 ft. high, canal 4.7 mi. long to develop 4900 h. p., Thebo, Starr & Anderton, Sharon Bldg., San Francisco, are consulting engrs. on the project. E. W. Michael, pres., Phoenix.

RENO, Nevada.—Ira McFarland, former deputy state engineer of Nevada, is in Reno in the interest of a power project in Clark county, Nevada, which involves the construction of a hydroelectric plant and the irrigation of 4000 acres in the vicinity of Indian Springs at cost of approx $500,000.

PORTERVILLE, Tulare Co., Cal. — An election will be held Sept. 7 in proposed Vandalia Irrigation District to decide the question of forming the above district. Should the district be organized a bond election will be called to finance construction of irrigation works.

PHOENIX, Ari.—Roosevelt Improvement Dist. has been organized by vote of landholders. A $500,000 bond issue was also authorized. About 12,000 acres have been added to the Salt River project.

LIGHTING SYSTEMS

PACIFIC GROVE, Monterey Co., Cal. —Until Sept 6, 10 a. m., bids will be rec. by E. S. Johnston, city clerk, to install electrolier system in Forest Ave. bet. Pine and Sinex Aves. and in Lighthouse Ave., bet. Fountain and Eardley Aves. Cert. check 10% payable to Pres. of Bd. of Trustees req. Plans obtainable from clerk. H. D. Severance, city engineer.

SANTA ANA, Cal.—Until 7 P. M., Sept. 10, bids will be rec. by city trustees to const. 86 double light copper and steel standards, for system of ornamental lighting on W. 4th St., bet. N. Ross and N. Artesia Sts.; also a similar system on E. 5th St., bet. French St. and N. Main St., also const. two reinf. conc. transformer vaults, condints; 1915 bond imp. act. E. L. Vegeldy, City Clerk.

MACHINERY AND EQUIPMENT

MENDOTA, Fresno Co., Cal. Until Aug. 30, 8 P. M., bids will be rec. by T. C. McCabe, Clerk, Mendota Grammar School District, for fur. one new Reo Speedwagon chassis together with 11 to 15 passenger school bus body. Bidders must submit specifications. Further information obtainable from clerk.

VALLEJO, Solano Co., Cal.—Austin Western Road Machinery Co., has been requested by city council to submit specifications and estimates of cost for rollers, one grader and scarifier, tools and other equipment for street improvement purposes. T. D. Kilkenny is city eng.

SAN JOSE, Santa Clara Co., Cal.—Henry A. Pfister, county clerk, instructed to advertise for bids for fur. two new rear roller wheels, 68-dia. for an Austin 10-ton gas roller, one wheel to be equipped with differential, f. o. b. San Jose. Further information obtainable from clerk.

RAILROADS

MERCED, Merced Co., Cal. Plans and specifications for the 16.79 mi. railroad to be constructed by the Merced Irrigation District, bet. Merced Falls and Detweiler, for relocation of part of the Yosemite Valley Ry., for which bids will be opened in Merced, Sept. 4, are on file at the office of The Building & Engineering News, 818 Mission St., where they may be seen by prospective bidders. The project involves the following approx. quantities: 300 acres clearing and grubbing; 654,836 cu. yds. solid rock excav.; 175,288 cu. yds. loose rock excav.; 163,011 cu. yds. common excav.; 22,000 cu. yds. common borrow; 57,000 cu. yds. loose rock borrow; solid rock borrow (no quantity estimated); if bidder desires, he may submit an alternate price for all excav. unclass. comprising 1,072,135 cu. yds.; 1,000,000 cu. yds. overhaul per 100 ft.; also per 1000 ft. for locomotive haul over 2000 fe. (no estimated quantity); rip rap (no estimated quantity), 1300 cu yds. retaining wall laid in cement mortar; placing corr. iron culverts as follows: 444 ft. 18-in., 1397 ft. 24-in., 653 ft. 30-in., and 1909 ft. 36-in. concr. culvert ends (no estimated quantity); rubble masonry culvert ends (no estimated quantity). Tunnels: 3495 ft. excav., minimum unlined tangent section; overhaul, per 100 ft. and per 1000 ft. (no estimated quantity); 2720 cu. yds. concr lining; 600 cu. yds. concr. portals. Trestles, 350,046 F. B. M. fitting and erecting timber; 1247 cu. yds. concr. piers and abutments. Tracklaying and ballasting: 17.63 mi. tracklaying incl. siding; 16.87 mi. ballasting; setting 8 switches. The dist. will furnish all rails, ties and other track material, including all materials for fastening the rails and switches in place, and also all rock or gravel for ballast timber for trestles and pipe for culverts. All other materials required for the completion of the work must be furnished by the contractor.

SAN FRANCISCO—City Engineer M. M. O'Shaughnéssy has been instructed to proceed with plans and specifications for the proposed Eureka Tunnel route of the Municipal Railway system, the city appropriating $320,000, or 25 per cent of the cost of the route, the remainder of the estimated cost of the project, or approximately $1,048,107, to be raised by assessments.

PHOENIX, Ariz.—Options on 2 entire blocks, each containing 24 city lots and a large portion of a third have been closed by the Tucson, Phoenix and Tidewater railroad in preparations to begin construction of its proposed mainline link tracks bet. here and Tucson. Deeds to the properties have been filed with the county recorder transferring title to representatives of the railroad company. James S. Douglas, president.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. **24 VAN NESS AVENUE**
Junction Valencia Phone Market 8926 Near Market

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by S. P. R.R. to construct track in First St., on following unit bids: lay, surface and line work (labor only) $.80 ft.; grade, $2 cu. yds; remove granite curve, $.38 lin. ft.; remove conc. walks, $.05 sq. ft.; renew conc. (labor only) $.75 lin. ft.; renew conc. walks, (labor only) $.20 sq. ft.; install switches, $90 ea.; place track crossings (labor only) $200 ea; place 50-lb. guard rail (labor only) $.50 lin. ft.; place derails (labor only) $24 ea.; plank crossings, $.14 sq. ft.; asph. on plank crossings, $.30 sq. ft.; shift track $.80 track ft.; remove 60 lb. rail and replace with 90 lb. rail, $.50 track ft.; reconst. duct line manholes, $220 ea.

SAN FRANCISCA—Frank G. White, ch. eng., State Board of Harbor Commissioners, completing plans for installation of third track on Pier No. 36 in connection with construction of ferry apron to operate at low tide.

SAN FRANCISCO — Following the ruling of Attorney General Daugherty, to allow the Interstate Commerce Commission view the Southern Pacific-Central Pacific merger to stand, official of the former company announces that construction will be undertaken immediately on the following improvements, in addition to others yet to be announced:

1—Building of the Natron cutoff between Oak Ridge and Turk, in Oregon.

2—Completion of double tracking of the eastern line through Nevada and Utah.

3—Construction of new stations, particularly at Sacramento.

4—Rejuvenation of the entire line from Portland, Oregon, to El Paso, Texas, through re-ballasting and the laying of heavier rails.

5—Purchase of additional equipment.

LOS ANGELES, Cal.—See "Wharves and Docks," this issue. Trilby rails and switches, etc.

MERCED, Merced Co., Cal.—Until 11 a. m., Sept. 4, bids will be rec. by directors of the Merced Irrigation Dist. to const. approx. 16.79 mi. of railroad, except certain bridges and structures. Said railroad will extend from a point on the present line of the Yosemite Valley R.R. at Merced Falls, Merced County, to a junction with said present line near Detwiler, Mariposa county. The work comprises the clearing and grubbing of the right of way where required, grading of the roadbed, driving of tunnels, construction of wooden trestles and conc. footings therefor, placing of culverts, track laying, ballasting, laying switches and frogs and setting switch stands, making road crossings, and all other work necessary for the completion of the road, excepting 5 bridges with the abutments therefore, and the fences, cattle guards, station bldgs. and signs. The Dist. will furnish all rails, ties and other track material, including all materials for fastening the rails and switches in place, and also all rock or gravel for ballast, timber for trestles and pipe for culverts. All other materials required for the completion of the work must be furnished by the Contractor. The est. quantities, besides the track laying and ballasting are as follows: Excavation, 1,072,000 cu. yds.; trestle, 330,000 F. B. M. and 1247 cu. yds. conc; tunnels, 3495 lin. ft. and 3320 cu. yds. conc.; rock walls, 1944 cu yds. Thebo, Starr & Anderton, Sharon Bldg., San Francisco, consulting engrs. Plans and spec. may be obtained from the office of the board upon deposit of $10. Cert. check 5%. A. L. Cowell, secy.

MEXICALI, Mex. — James Maxie, Yuma, awarded cont. by Mexican National Railways for grading the first unit of the right-of-way for the Mexicali-to-La Bomba Ry. The contr. was to have been awarded to the Pioneer Transfer Co., Calexico, but the company and the railroad could not agree on the interpretation of the bid.

LOS ANGELES, Cal.—Until 2:30 p. m., Aug. 31, bids will be rec. by harbor comm., 312 Byrne Bldg., for following: Industrial track and equip. under spec. 513. Trilby rails and switches under spec. 512.

OREGON — Central Pacific Railroad Co. has been authorized by Interstate Commerce Commission to proceed with construction of the Natron Cut-Off. Under the authorization the work must be begun by Jan. 1, 1924 and completed within two years. The Central Pacific's request to retain excess earnings as part of its program to financing construction was denied. The line will start at Oakridge, Ore., and run 118 miles to pt. near Kirk, Ore. The cost of construction is placed at $16,000,000.

FIRE EQUIPMENT

SANTA PAULA, Cal —The $13,000 fire truck bond issue carried at the recent election.

MISCELLANEOUS SUPPLIES

MERCED, Merced Co., Cal. — Until 10:30 a. m., Sept. 4, bids will be rec. by directors of Merced Irrigation Dist., for 6000 bbls. cement, delivered in sacks in carload lots f. o. b. Exchequer quarry on the Yosemite Valley Ry., near Exchequer, Mariposa county. Cert. check 5%. A. L. Cowell, secy.

SAN FRANCISCO, Cal.—L. J. Cohn, 110 Sutter St., San Francisco, ot $8,778.20 awarded cont. by Bd. Pub. Wks. for fur. and del. street signs.

RESERVOIRS AND DAMS

MERCED, Merced Co., Cal.—No definite action was taken at the meeting of the Contractors Association of Northern California and the directors of the Merced Irrigation District, in the request of the contractors' association that the directors of the district reconsider their decision rejecting bids and constructing the Exchequer dam by day labor. While the directors favor the contract method they are in favor of constructing the dam by day labor due to the wide difference in the estimated cost and the lowest bid received for the project. Thebo-Starr and Anderton, Sharon Bldg., San Francisco, are the engineers for project. 30

PIPE LINES, WELLS, ETC.

AVALON, Santa Catalina Island — William Wrigley, Jr., has ordered completion of 14-mi. pipe line from Middle ranch to Avalon. The pipe line will supply the city with 21,000,000 gals. daily. The project is estimated to cost $1,000,000.

NEWPORT BEACH, Cal.—Thomas W. Simmons has been granted franchise by council to lay an oil pipe line in the city of Newport Beach, together with lease on pier for loading purposes; cost of pipe line, $300,000. Work will start soon on pipe line, which will extend from Huntington Beach. Simmons' plans include the construction of 4 80,000 bbl. storage tanks, gathering tanks and lines. Later, he will build a line from Santa Fe Springs.

AHWAHNEE, Madera Co., Cal. — Following is complete list of bids rec. by Tri-County Hospital Committee, T. J. Cronin, secy., to const. concrete tank and lay water mains complete, at sanitarium at Ahwahnee:

E. C. Moran and E. W. Redman	
Pipe line	$4950.00
Pipe line dipped	5150.00
Brown & Stafford, Madera	
Reservoir	4633.00
Pipe line	4778.00
Pipe line dipped	4878.00
Larson Bros.	
Reservoir	7200.00
D. Stephenson	
Reservoir & pipe line	9981.00
Reservoir & pipe line dipped	10,108.00
Frank Kuhn	
Reservoir	5300.00
Pipe line	5500.00
Martin Murphy	
Pipe line	4892.70
Pipe line dipped	4993.70

TERRA BELLA, Tulare Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by earle E. Clemens, secy. Terra Bella Irrigation District, for fur. and del. f. o. b. Terra Bella, well casing as follows:

16-in. double No. 12, 220 ft.
12-in. double No. 12, 1500 ft.
2 16-in. starters, 2 ply.
2 12-in. starters, 3 ply.

See call for bids under official proposal section in this issue.

SANTA BARBARA, Cal.—U. S. Cast Iron Co., Birmingham, Ala., submitted to council bid for 3060 ft. 12-in. c. i. water pipe, 6500 ft. 8-in. and 15,000 ft. 6-in. pipe, as follows: for sand moulded pipe; $35,251; by new chilling process, $31,863. According to Fred Johnston, city mgr., the new type of water pipe is moulded by pouring molten metal into a chilled cylinder revolving at a high rate of speed. The centrifugal force created by the rotary motion of the cylinder forces the metal to adhere to the inside of the mold until cooled, casting a single section of pipe in a short period of time, eliminating the large overhead incurred by using sand molds and patterns.

TERRA BELLA, Tulare Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by Earle R. Clemens, secy. Terra Bella Irrigation District, to drill two wells. Bids are wanted for drills 100-ft. and 1000 ft. deep. Cert. check 10% payable to district req. Specifications obtainable from secretary.

NAPA, Napa Co., Cal —Until Sept. 11, 10 A. M., bids will be rec. by Jas. A. Daly, County Clerk, for fur. and laying 1,100 ft. 4-in. pipe for supplying water to county infirmary. Cert. check 10% payable to Chairman of Board of Supervisors req. Spec. obtainable from Clerk.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Until Sept. 5, 3 p. m., bids will be rec. by Bd. Pub. Wks. to construct safety station at Seventeenth, Castro and Market. Est. cost $4500. Plans obtainable from city eng. office, 3rd floor City Hall. 34

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

SAN FRANCISCO—See "Railroads," this issue. Tunnel and Muny Railway Extension.

LOS ANGELES, Cal.—J. A. Hill, 1308 Shatto St., Los Angeles, submitted only bid to Bd. Pub. Wks. at $5849 for const. ventilating shafts and appurtenances for the 2nd St. tunnel, on 2nd St. near Grand Ave.

SACRAMENTO, Cal.—The bid of F. DeCarie, Portland, Ore., at $195,000 to construct incinerator has been rejected by city commissioners as the time stated for "trial of same" was given as 3 days when the specifications provided 30 days. Bids were ordered readvertised to be opened Aug. 23. Plans and specifications obtainable from city clerk H. G. Denton. Albert Givan, city engineer.

WATER WORKS

YUBA CITY, Sutter Co., Cal.—Until Aug. 27, 8 p. m., bids will be rec. by C. C. Kline, city clerk, for fur. and installing one vertical deep well turbine pump complete with motor for municipal water works. Plans and further information obtainable from City Eng. Edw. Von Geldern. **See call for bids under official proposal section in this issue.**

SANTA BARBARA, Cal. — Keystone Iron & Steel Co. submited only bid to council on fire hydrants for State St. water system. The 3-ft. bury hydrants wer $60 and 3½-ft. $62.50; or $1800 and [illegible] complete.

SAN MATEO, San Mateo Co., Cal.—City council rejects bids rec. Aug. 20, to const. rein. conc. pump chamber and install two six-inch sewer pumps with automatic starter, and for removal of old sewer pumps, motors, framework and iron pipe connected with former system. New bids will be asked. Bids received follow: Charles Peterson, $4,-625.25; Martin Murphy, $4260; H. C. Fiele, $4290; Gould & John, $5392; Botman and Hendrickson, 5365.65.

SANTA BARBARA, Cal.—Contracts awarded by city council were:
U. S Cast Iron Pipe & Fdy. Co. at $30,890 for De la Vaud centrifugal water pipe; and at $3749.20 for fittings.
Mark-Lally Co., at $541.20 for 12-in. gate valves and $871.20 for 8-in. valves.
Pacific Pipe & Supply Co., at $1277.28 for 6-in. gate valves; and at $124.56 for 4-in. gate valves.
Keystone Iron & Steel Wks., at $1,-837.50 for 30 hydrants with 3½-in. bury.

PLAYGROUNDS AND PARKS

SAN FRANCISCO — Ford Motor Car Co. has been granted permit by Board of Supervisors to erect and maintain a 10-ft. wire fence on its property in Harrison St., bet. 21st and 22nd Sts.

FRESNO , Fresno Co., Cal —City council contemplates bond issue to purchase park site of 60 to 90 acres on San Joaquin River in vicinity of Lane's bridge.

LOS ANGELES, Cal.—Until Aug. 29, bids will be rec. by Bd. of Education, 730 Security Bldg., to const. fence at Staunton Avenue school site; at Rowan avenue school and fence and gates at Nevin school.

NEWMAN, Stanislaus Co., Cal. — Swimming pool committee of Chamber of Commerce has had preliminary plans prepared by Town Eng. Sherman for a municipal swimming pool. The matter will be presented to the city trustees shortly.

SEWERS & STREET WORK

BURBANK, Cal.—Frank Lowry, Box 107, Hollywood, awarded contr. by City trustees to imp. Varney St., bet. Verdugo Ave. and Providencia Ave., involv. grading. 40c cu. yd.; macadam paving. 10c sq .ft.; curb. 50c ft.; walk, 17c sq. ft ; gutter, 10c sq. ft.

GRASS VALLEY, Nevada Co., Cal.—Healy-Tibbetts Const. Co., 34 Pine St., San Francisco, bidding 21 3 cents for 4-in. and 24.9 cents for 5-in. hyd. conc. pavement, awarded contract to pave sts the total costing in the neighborhood of $100,000. Other bidders were: V. R. Dennis; F. E. Green; D. Costello; M. Blumenkranz; W. H. Graham and Galbraith and Janes.

OAKLAND, Cal.—Cambar and Garden, 969 3rd St., Oakland, awarded cont. by council to const. sewer beg. at pt. 69th ave and Mesaba Ave., thence n.w. in Mesaba Ave. 206 ft. 8-in. vit. sewer, $1.45 lin. ft.; lampholes, $15 ea; wye branch, $1 ea.

HERMOSA BEACH, Cal.—George H. Oswald, 366 E 58th St., awarded contr. by city trustees at $117,205 for const. 5½-ft. walks, class A curbs, 7½-ft. gutters and monuments on Summit Ave bet. E St. and Manhattan Ave. and portions of Manhattan Ave. The bids were: Geo. H. Oswald. 25c sq. ft. walk, 75c ft. curb, 30c sq. ft. 5½-in. thick gutters, 32c sq. ft. 6-in. thick gutters, $15 each for standard city monuments.
H. Wigman, 31c walks, 68c curb; 32c gutters; $10 monuments; total, $125,-870.80.

PETALUMA, Sonoma Co., Cal.—City Eng N S. Frost preparing spec. to imp. D St. from north end of D St. bridge to Hooper St.

SAN ANSELMO, Marin Co., Cal.—S. P. Brownlee, San Rafael, at $7500 awarded cont. by town trustees to imp. Medway Rd and Maple Lane for their entire length, by const. conc. curb and gutter; wooden headers; grade and pave with macadam base with asph. conc. surface. A. J. Raisch, San Francisco, only other bidder at $7663.90.

LOS ANGELES, Cal.—G. A. Constantine, 910 Haas Bldg., Los Angeles, awarded cont. by supervisors at $10,-775 to imp. Miramonte Blvd. and portions of Florence Ave. and Nadeau St., under county imp. No. 12, involv. 2760 cu. yds. excav. 63.4c yd.; 5010 lin. ft. curb 55c ft.; 19,765 sq. ft. walk 18.5c ft.; 9590 sq. yds. oil and screenings roadway 27.25c.

FULLERTON, Cal —Bent Conc. Pipe Co., 533 Security Bldg., Los Angeles, awarded cont. by city trustees at approx. $10,500 for fur. 10 500 lin. ft. 22-in. sewer pipe for main outfall at $1 ft. Pacific Clay Products Co. bid $1 07 ft.

LOS ANGELES, Cal.—G. A. Constantine 910 Haas Bldg., submitted low bid to Bd. Pub. Wks. at $301,000 to imp. Vine St., bet. 71.05 ft. n. of Yucca St. and 169.62 ft. s of Camerford Ave., involving grading at $20,800 (lump sum); 18,000 sq. ft. asph. paving 32c ft.; 560,133 sq. ft. 6-in. conc. paving 23.6c ft.; 12,086 sq. ft. bitum. base paving 10c ft.; 10,431 ft. curb, 63.5c ft.; 55,567 sq. ft. walk 20c ft.; 521 sq. ft. gutter 25c ft.; storm drain complete, $130,-932.83; 150 ft. 6-in. san. sewer $800 (lump sum); 834 ft. hse. sewers $1.50 ft.; lighting conduits complete, $8860.10
Other bids were:
Geo. R. Curtis, 2440 E 26th St., Los Angeles, $20,000 grading; 35c asph paving; 27c conc. paving; 10c bitum. paving; 65c curb; 20c walk; 30c gutter; $135,000 storm sewer; $1200 san. sewer; $2 hse sewers; $8865 lighting conduits.
Wm. Liddington, 420 E-60th Et., Los Angeles, $19,000 grading; 40c asph. paving; 23 1/3c conc. paving; 12c bitum. paving; 64c curb; 19c walk; 24c gutter; $137,000 storm drain; $700 san. sewer $1.50 hse. sewers; $8900 lighting conduits.
W. D. McCray, Amer. Bank Bldg., Los Angeles, $30,000 grading; 40c asph. paving; 24c conc. paving; 20c bitum. paving; 65c curb; 21c walk; 27c gutter; $138,000 storm drain; $300 san. sewer; $1.50 hse. sewers; $9500 lighting conduits.

VACAVILLE, Solano Co., Cal.—California Const. Co., 58 2nd St., San Francisco, at $66,371 awarded cont. by City Trustees to pave portions of Davis, Mason, West, Parker Sts., etc.

BAKERSFIELD, Kern Co., Cal. — Council declares inten. to imp. Niles St. bet. Baker and Williams Sts.; grade & pave with 6-in. cem. conc.; const. conc. and corru. iron culverts; 1911 Act. V. Van Riper, city clerk.

SANTA ROSA, Sonoma Co., Cal.—City Eng. Geo. F. Comstock has completed spec. to grade and pave, const. conc. curbs, gutters and walks in Beaver St., bet Howard and Spencer Ave.

PHOENIX, Ariz. Until Sept. 11, 2 P. M., bids will be rec. by E. S. Wheeler, Dist. Eng., U. S Bur. Pub. Rds., 242 W. Washington St., Phoenix, to const. Prescott-White Spar Forest Highway in Prescott Nat'l. Forest, 15.583 mi. in length, involv.:
Clearing and grubbing, the entire project;
423,404 cu. yds. Unclassified Excavation.
15.637 mi. Finishing Graded Road.
1,470 cu. yds. Class "A" and 890 cu. yds. Class "D" Concrete.
190,000 lbs. Reinf. Steel.
11,746 lin. ft. Corru. Metal Pipe Culverts.
82,500 lin. ft. Protection Ditch.
237 lin. ft. Conc. Hand Rail
Gov't. has equipment for lease to contractors. Resident Eng. for this project is camped approx. 2 mi. south of Prescott and is available to conduct prospective bidders over the proposed work. Plans obtainable from Dist. Eng. at Phoenix, on deposit of $10, returnable.

ORANGE, Cal.—The $190,000 outfall sewer bond issue carried at the recent election. The bonds will run 25 years at interest not to exceed 5%

SAN DIEGO, Cal.—Until 10:30 a. m., Sept. 11, bids will be rec. by council to imp. Indiana St., near Myrtle Ave. and portions of other streets, grade & pave with 1½-in. asph. conc. surface on 2½-in. bitum. base; const. concrete walks, curbs, 12-in. conc. pipe culvert, 91-ft. long; curb inlets; 1911 Act. F. A. Rhodes, city engr.

ORANGE, Cal.—Until Sept. 4, bids will be rec. by council to const. storm drain in Cambridge St., bet. Walnut St. and Santiago creek, involv. 2640 ft. 18-in. and 3500 ft. 24-in. pipe; cost, about $12,000. C. C. Bonebrake, city engr.

SAN FRANCISCO—Board of Health requests supervisors to authorize construction of main sewer in Colby St., bet. Bacon and Woolsey Sts.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp 23rd St., bet. Santa Clara and William Sts.: Grade; pave with 1½-in. Warrenite-Bitulithic wearing surface on 3-in. bituminous conc. base; hyd. conc. curb, gutter and walks; hyd. conc. culvert.

PLUMAS AND LASSEN COUNTIES, Cal.—Until Sept. 17, 2 P. B., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to surface with gravel 12.7 mi. of highway bet. 3 mi. east of Chester and 3 mi. east of Westwood. R. M. Morton, State Highway Eng **See call for bids under official proposal section in this issue.**

FORTUNA, Humooldt Co., Cal —F. L. Overhulser, Fortuna, at $.84 cu. yd. awarded cont. by town trustees to gravel streets.

UKIAH, Mendocino Co., Cal.—Until Sept. 11, 10 a. m., bids will be rec. by Hale Prather, county clerk, to const. Sec. 3 of Nash and Highway road, west end, approx. 2½-mi. in length. Cert check 10% req. Plans obtainable from county surveyor on deposit of $10, returnable.

LONGVIEW, Wash.—Until Sept. 1, 3 P. M., bids will be rec. by Wesley Vandercook, ch. eng., Long-Bell Lumber Co., to const. sanitary sewer, involv. 2050 lin. ft. 12-in. and 6500 lin. ft. 10-in. conc. pipe; 13 manholes; pump sump 6000 cu. yds. excavation. Owners will furnish concrete pipe, sand, gravel and cement.
Separate bids, same date, to const. sanitary trunk sewer in Oregon Way bet. Beech St. and Columbia Way, involving 2000 lin. ft. 42-in. conc. pipe; 5 manholes; 4400 cu. yds. excavation. Owners to furnish cons. pipe, sand, cement, gravel.
Cert. check 5% req. with each bid. Plans obtainable from eng. on deposit of $10.

ORANGE, Cal. Until p. m., Sept. 4 bids will be rec. by trustees to const. 10 conc manholes complete with frames and covers and approx. 2630 ft. 18-in. conc. pipe; and 3500 ft. 21-in. conc. pipe. Cert. check or bond 10%. W. A. White, city clerk.

MARYSVILLE, Yuba Co., Cal.—Until Sept. 12, 10 a. m., bids will be rec. by W. M. Strief, county clerk, to gravel approx. 3½-miles of Woodruff School House road and La Porte road, about 6-mi. northeast of Marysville. Cert. check 10% payable to county clerk req. Plans obtainable from county surveyor, J. R. Meek.

GLENDALE, Cal.—Until 7 p. m., Sept. 6, bids will be rec. by city clerk, Van Wye, to imp. first alley east of Louise St., bet. Lexington and Doran and portions of Kenwood, Doran and Louise St., involving approx. 1017 lin. ft. grading, 19,400 sq. ft. 3-in. macad., 1065 ft. 4-in class B c. i. pipe(laying only), together with service pipes, assessment act.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Sept. 11, 2 p. m., bids will be rec. by H. E. Miller, county clerk, to imp. 1600-ft. of Ocean St., beg. at pt. 200-ft. north of Santa Cruz city limits. Cert. check 10% payable to county req. Plans obtainable from County Surveyor Lloyd Bowman on deposit of $5, returnable.

PETALUMA, Sonoma Co., Cal.—Until Sept. 4, 7:30 p. m., bids will be rec. by Lyman Green, city clerk, to imp. Broadway St., bet. Bassett St. and Lot No. 177, involv. grading; const. conc. curb and gutter and macadamize with stand. macadam. 1915 Bond Act. Cert. check 10% payable to city req. N. S. Frost, city engineer.

SAN BERNARDINO CO., Cal.—H. M. Henning, Eagle Rock, at (a) $61,882, contractor to furnish powder and (b) $56,792 Govt. furnish powder, submits low bid to Dist. Eng. U. S. Bur. of Rds., 9 Main St., San Francisco, to const. extension to Big Bear Valley Natl. Forest highway in San Bernardino county, approx. 2-mi. in length, involv. clearing of entire project; 50,900 cu. yds. unclassified excavation; 75 cu. yds. A conc.; 64 cu. yds. cement rubble masonry; 9000 lbs. rein. steel; 1222 lin. ft. conc pipe; 100 sq. yds. hand placed embankment. Other bids:

Utah Const. Co., San Francisco, (a) $87,937; (bb) $87,865.

Edwin A. Irish, Los Angeles, (a) $69,553; (b) $65,481.

B. E. Browley, (a) $78,534.50; (b) $73,444.50.

DeWaard and Cobham, San Diego, (a) $86,645; (b) $77,486.

Ross Const. Co., Los Angeles, (a) $104,321; (b) $104,321.

Engineer's estimate, (a) $75,961; (b) $70,871.

SAN BENITO CO., Cal—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Sept. 11, to grade and surface with gravel 3-mi. in San Benito county, bet. one-fifth mile so. and San Benito river and Pajaro river bridge. This project involves: 50,000 cu. yds. excav. without classification; 15,500 sta. yds. overhaul; 1600 cu. yds. structure excav. without classification; 11,600 tons gravel or stone surface; 175 cu. yds. class A Port. cem. conc. (culverts and monuments); 144 lin. ft. 12-in. pipe; 822 lin. ft. 18-in., 166 lin. ft. 24-in., 92 lin. ft. 30-in. and 175 lin. ft. 36-in. corru. metal pipe; 86 monuments. The Commission will furnish corru. metal pipe.

LONG BEACH, Cal.—All bids for constructing deep sanitary sewer in Broadway, bet. Alamitos and Golden Aves., rejected by council as too high. Engr. est. $54,000. The bids were: R. N. Nikovich, $73,438; Mike Guho, $79,500; S. M. Kerns, $89,973; Pennell Barnett, $90,000.

RED BLUFF, Tehama Co., Cal.—City trustees sell $24,000 sewer extension bond issue for premium of $1242. W. F. Luning, city eng.

PACIFIC GROVE, Monterey Co., Cal.—Clark and Henery Const. Co., 38 South Sutter St, Stockton at $86,671.50 awarded cont by council to imp. Lighthouse Ave., bet 19th St. and city limits, involving 265,000 sq. ft. 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement $.249 sq. ft.; 5 s.w. crossings, $30 ea; $65 lin. ft. corru. iron culvert, $3.50 lin. ft.; 14 catchbasins $55 ea.; 650 lin. ft. 12-in. pipe culvert, $2.50 lin. ft.; 130 lin. ft. 18-in. pipe culvert, $3.40 lin. ft.; 11,480 lin. ft. curb and gutter, $1.40 lin. ft.

BAKERSFIELD, Kern Co., Cal. — Weitzel and Larsen, Bakersfield, at $4091 awarded cont. by council to imp. Pacific St., bet. Robinson and Haley St; grade, const. curb, gutter and walks.

PORTERVILLE, Tulare Co., Cal. — E. A. Burns, Stockton, at $7564.80 awarded cont. by city council to const sewers in Cornell addition.

CALIFORNIA — The State has absorbed $3,000,000 worth of State Highway bonds, no bids having been offered. The bonds will be sold later if the market improves.

PACIFIC GROVE, Monterey Co., Cal.—Clark and Henery Const. Co., 38 So. Sutter St., Stockton, at $21,640 awarded cont. by city trustees to imp. Forest Ave., bet. Lighthouse and Sinex Ave., involv. 1340 lin. ft. curb and gutter, $1.40 lin. ft.; 240 lin. ft. corru. iron culvert, $3.50 lin. ft.; 76,000 sq. ft. 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement, $.249 sq. ft.

SAN DIEGO, Cal.—Pioneer Truck Co., Union Bldg., San Diego, awarded cont. by council at $17,402 to pave Soledad Ave., Ludington Pl., Whitefield Pl. and Cowrie St.

PERKELEY, Alameda Co., Cal.—City council, E. M. Hann, clerk, declares intention to grade portions of Claremont Ave., const. conc. curb and gutter and pave with oil macadam. 1911 Act. Protests Sept. 11. C. L. Huggins, city engineer.

SAN DIEGO, Cal.—Pioneer Truck Co., Union Bldg., awarded cont. by council at $19,898 to imp. Redwood, Palm, Bancroft and 33rd Sts., involv. (1) 6599 cu. yds. earth excav. at $1.33 yd.; (2) 724.5 cu. yds. earth embank. at 5c yd.; (3) 33,168 sq. ft. cem. walk at 21c ft.; (4) 6863.7 ft. curb at 60c ft. H. G. Fenton bid (1) $1.40; (2) 10c; (3) 69c; (4) 25c.

G. R. Daley, 4430 Boundary St awarded cont. at $36,538 to imp. Imperial Ave through the Encanta dist., involv. (1) 4761 cu. yds. earth excav. at $1.05 yd.; (2) 2778 cu. yds. earth embank. at 10c yd.; (3) 180,832.5 sq. ft. 1½-in. wearing surface on 3-in. bitum. base at 17c ft.; (4) four culverts complete at $330; (5) conc. retaining wall at $200. Other bids were:

Calif. Constr. Co.—(1) 44c; (1) 1c; (3) 20c (Warrenite); (4) $514; (5) $1209 total, $39,998.72.

Griffith Co.—(2) $1.20; (2) 11c; (3) 17.4c (Topeka); (4) $510; (5) $1278; total, $43,103.23.

Southwest Paving Co.—(1) 75c; (2) 9c; (3) 22.5c (Willite); (4) $1250; (5) $1000.

SONOMA COUNTY, Cal.—State Highway Commission rejects bids rec. to grade and surface with gravel 11.5 mi. bet. Beltane and Schellville, the project involv. 46,000 cu. yds. embankment without classification; 91,000 sta. yds. overhaul; 2000 cu. yds. struc. excav. without classification; 3500 cu. yds. gravel insubbase; 1525 cu. yds. class A Port. cem. conc. (culverts and monuments); 60 cu. yds. rubble masonry; 1503 lin. ft. 18-in. and 254 lin. ft. 24-in. corru. metal pipe; the commission to fur. corru. pipe. Low bid submitted by Wilson D. Ellis & Co., 766 Euclid Ave., Berkeley, at $238,888. Engineer's est. $199,837.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Santa Clara St., bet. Market and 1st St., involv. removing of existing basalt block, gutters, make gravel fill and const. hyd. conc. gutters; remove portions of present pavement and repave with asph. conc. wearing surface, etc. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

PALO ALTO, Santa Clara Co., Cal.—Cit1 Eng. J. F. Byrbee, Jr., has completed spec. to pave certain streets in Crescent Park and completion of unpaved portions of Ashby avenue. Bids will be asked by city council shortly to pave portions of Addison Ave., Byron and Kipling Sts.

TRINITY COUNTY, Cal.—Until Sept. 17, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to surface with gravel or broken stone 11.1 mi. in Trinity county, bet. 2 mi. south of Weaverville and Tom Long Gulch. R. M. Morton, State Highway Eng; **See call for bids under official proposal section in this issue.**

SANTA CLARA CO., Cal.—J. P. Holland, 540 Branan St., San Francisco, at $83,104.50 awarded cont. by State Highway Comm. to grade and surface with gravel 4.5 mi. of highway in Santa Clara county bet. 5 mi. east of Gilroy and San Felipe. Eng. est., $76,756 50.

HUNTINGTON PARK, Cal. — City trustees will start proceedings shortly for improving Albany St., bet. Laura Ave. and Lyfert St., 3000 ft., involv. 120,000 sq. ft. asph. conc., part 4-in. and about 2 blocks 5-in. pavement.

Proceedings will be started as soon as street rights are acquired to pave Santa Fe Ave., bet Slauson Ave., and Saturn St., involv. 8-in. asph. conc. (5-in. base with 3-in. wearing surface). Haword McCurdy, P. E. Bldg., Los Angeles, City Engr.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. 21st street, bet. Santa Clara and William Sts: Grade; pave with 1½-in. Warrenite-Bitulithic wearing surface on 3-in. bituminous base; hyd. conc. curb, gutter, walks and alley driveways.

GLENDALE, Cal. — E. L. Fleming, 1007 S Boynton Ave., Glendale, submitted low bid to council to imp. Sycamore Canyon Rd., bet. Sinclair and east city limits, involv. 2295 lin. ft. grading $3.80 ft.; 3726 sq. ft. gutter 21c ft.; 55,830 sq. ft. 5-in. oil macad. 13c ft.; 930 ft. curb 50c ft.; 2098 ft. 8-in. c. i. water pipe at $6650 (complete). Other bids were:

W. J. Curren—$4.18 grading; 21c gutter; 14.25c paving; 50c curb; $6500 pipe.

P. L. Ferry—$4.08 grading; 21c gutter; 14c macad.; 50c curb; $6800 pipe.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, declares inten. to const. 6-in. vit. sewer in portion of Alta Ave.; 4 br. manholes with c. i. tops; 54 4-in. wye branches. 1911 Act. Protests Aug. 14.

SAN FRANCISCO—Municipal Constr. Co., 112 Lyon St., San Francisco, at $23,442.82 awarded cont by Bd. Pub. Wks. to imp. Liberty St., bet. Church and Noe and Sanchez St. bet. 20th and 21st Sts., involv. 56,897 sq. ft. conc. pave; 4670 sq. ft. asph. conc. pave; 20,556 sq. ft art. stone walks; 3267 lin. ft. conc. curb; 47 lin. ft. granite curb, to be reset; 64 lin. ft. 6-in. side sewers; two 6-in. vit. pipe traps with 4-in. vit. pipe risers and c. i. frames and covers; 93 lin. ft. 10-in. vit. pipe culverts; 5 br. catchbasins; reset 2 br. catchbasins; 960 lin. ft. 14-in. armored conc. coping; 53 lin. ft.; 9-in. conc. coping.

OREGON CITY, Ore.—Until Sept. 8, bids will be rec. by Fred A. Miller, county clerk, for two road projects as follows:

Project No. 2, grading, Paving and rock shoulders on a section of the Mt. Hood Loop-Rock Creek bridge road known as Market Road No. 16; 9-ft. 1-course Port. cem. pavement of 7-in. uniform thickness with gravel shoulders.

Project No. 3, grading, paving and gravel or broken stone shoulders on a section of Market Road No. 17: 9-ft. 1-course Port. cem. pavement of 7-in. uniform thickness, gravel or broken stone shoulders; forms to be left in place. Plans obtainable from county surv. at Oregon City.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. two streets, as follows:

21st St., bet. Santa Clara and William Sts: Grade; pave with 1½-in. Warrenite-Bitulitcic surface on 3-in. bituminous conc. base; hyd. conc. curb, gutter, walks and alley approaches.

23rd St., bet. Santa Clara and William Sts.: Grade; pave with 1½-in. Warrenite-Bitulithic surface on 3-in. bituminous conc. base; hyd. conc. curbs, gutter and walks.

BAKERSFIELD, Kern Co., Cal.—Council declares inten. to imp. Sonora St., bet. Kentucky and Bernard Sts., grade and pave with 1½-in. Warrenite-bitul. paving on 3½-i asph. concr. base; const. curbs, walks and gutters; 1911 Act.

SACRAMENTO, Cal.—Tieslau Bros., 2819 Grove St., Berkeley, and Davison and Nicolsen, 336 W-Lafayette St., Stockson, submit identical bids to the city commission at $102,000 to const. subway through B St., levee, involv. 700 cu. yds. class A conc; 510 cu. yds. class B conc; 15,200 cu. yds. excavation; 3 tons rein. steel; 3000 s. ft. wire mesh; 80 tons structural steel (beams); 7 tons structural steel (gates); 1262 lin. ft. pipe railing (3 rails); 30 squares water-proofing; 186 lin. ft. ½-in. conduit; 10 outlets with fixtures, etc.; 1800 cu. yds. backfill (back of structure); 20,600 fill (bow levee and approaches) 300 cu. yds. ballast; 22,400 sq. ft. 7-in. conc. pavement; 730 lin. ft. curb; 900 lin. ft. curb wall (sidewalk footings); 3900 sq. ft. walks. Other bids:

Frederickson & Shannon, Fresno, $107,177; Healy-Tibbitts Constr. Co., San Francisco, $117,696; Matthews Construction Co., Sacramento, $133,577; Jenkins and Elton, Sacramento, $109,540

Taken under advisement until Aug. 23. Albert Givan, city eng.

SACRAMENTO, Cal. — Frederickson and Shannon, Cory Bldg., Fresno, at $22,759.95, submits low bid to city commissioners to const. pedestrian lane through levee at 12th St. adjacent to 12th St. subway involv. 13,000 cu. yds. excavation; 250 cu. yds. embankment; 17.7 tons reinforcing steel; 250 cu. yds. concrete in place; 327 lin. ft. pipe railing; 187 lin. ft. electric conduit; 12 mariné fixtures; 12 outlets; 720 cu. yds. backfilling; 3750 sq. ft. sidewalk.

Other bids: Davison & Nicolsen, Stockton, $24,000; Tieslau Bros., Berkeley, $23,450.

Taken under advisement until Aug. 23. Albert Givan, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Sept. 4, 3 p. m., bids will be rec. by H. E. Miller, county clerk, to imp. Marks road, a portion of Slaughter rd., a portion of Montgomery road, portion of Soquel and San Jose road and Quarry road in Soquel Road District. Cert. check 10% payable to county clerk req. Plans obtainable from County Surv. Lloyd Bowman on deposit of $5, returnable.

SACRAMENTO, Cal.—Clark & Henery Constr. Co., Ochsner Bldg., Sacramento, awarded cont. by council to imp. portion of Freeport Blvd., involv. const. conc. curb and gutter; place c. i. gutter drains with 6-in. vit. sewer connections; const. conc. manholes and reconst. present ones; const. vit. sewers, pave with 5½-in. asph. conc.

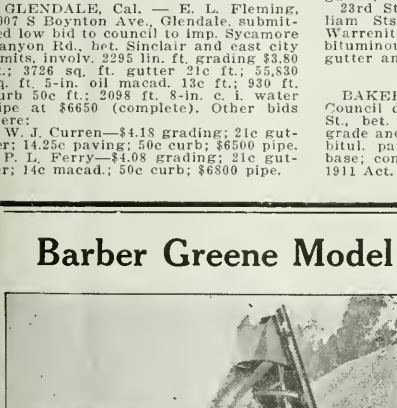
PACIFIC GROVE, Monterey Co., Cal.—Clark & Henery Const. Co., 38 S-Sutter St., Stockton, at $86,671.50 submits only bid to city trustees to imp. Lighthouse Ave., bet. 19th St. and city limits: Grade; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; 15 corru. iron culverts; 14 catchbsains; 18 in. vit. pipe storm sewer; 5 sidewalk crossings.

PACIFIC GROVE, Monterey Co., Cal.—Clark & Henery Constr. Co., 38 S-Sutter St., Stockton, at $21,640 submits only bid to city trustees to imp. Forest Ave., bet Lighthouse Ave. and Sinex Ave: Grade; pave with 3-in. asph. conc. base and 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; corru. iron culverts.

SAN FRANCISCO—L. J. Cohn, 110 Sutter St., San Francisco, at $7620 awarded cont. by Bd. of Pub. Wks. to const. Tonquin street sewer, involv. 285 lin. ft. 2x3 ft. rein. conc. sewer and 1200 lin. ft. piles, below cutoff. Healey-Tibbetts Constr. Co. only other bidder at $7826.25.

FRESNO, Fresno Co., Cal.—Calif. Rd. and St. Imp. Co., Bank of Italy Bldg., Fresno, awarded cont. by city council to imp. E St., bet. Fresno and Inyo Sts., involv. grade, $.055 sq. ft.; 3½-in. asph. conc. base with 1½-in. asph. conc top course with liquid asph. and rock screenings surface coat pavement, $.218 sq. ft.; conc. curb, $.62 lin. ft.; conc. gutter, $.33 sq. ft.; art. stone walks, $.235 sq. ft.; 12-in. corru. metal culvert Type A, $5.75 lin. ft.; 12-in. do, Type B, $5.75 lin. ft; cem. conc. pave, $.30 sq. ft; manholes $25 ea; 184 lin. ft. 12-in. vit. pipe, $294.40.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

SAN FRANCISCO—Board of Supervisors will shortly authorize Bd. of Pub Wks. to ask bids to construct rein. conc. sewer in 6th St., bet. Brannan and Townsend Sts. Plans for the work are being completed.

MERCED, Merced Co., Cal. — Until Sept. 3, 8 p. m., bids will be rec. by J. W. Spagnoli, clerk, Merced Union Elementary School District, to imp. streets fronting school property, involv. 33,480 sq. ft. grading; 31,400 sq. ft. paving; 1000 lin. ft. curb and 2040 sq. ft. gutter. Spec. obtainable from clerk.

MODOC CO., Cal.—Only one bid was rec. by C. H. Sweetser, Dist. Eng. U. S. Bureau of Public Rds., 9 Main St., San Francisco, Aug. 21, to surface Adin to Adin Summit Natl. Forest Highway in Modoc county, 28-mi. s.w. of Alturas, approx. 10.9 mi. in length, involv 17,300 cu. yds. crushed rock gravel surfacing. The bid was as follows: Collins and Seppi, Chico, $69,200.

FRESNO, Fresno Co., Cal—Following contracts awarded by county supervisors for highway projects:

T. A. Hanrahan, Fresno, $105,117.44 const. White's Bridge road to Tranquillity, 6.67 mi.; engineer's est. $108,-214 4-in. asph. conc. pave.

Thompson Bros., G and Divisadero sts., Fresno, $73,421.56 to pave Blackstone Ave., 4.44 mi., eng. est. $74,390; 4-in. asph. conc. pave.

California Const. Co., 58 2nd St., San Francisco and Fresno, Calif., $72,710.78, pave Sanger-Academy rd., eng. est $76,-453; 5-in. asph. conc. pave.

T. A. Hanrahan, Fresno, $53,057, Alta Ave., unit, 2-mi. from Reedley; eng. est. $50,031; 5-in. asph. conc. pave.

Thompson Bros., $35,760 Toll House road; eng. est. $33,000; graveling.

Blanco & Taylor, Vallejo, $42,000 for Trimmer Springs road; eng. est. $44,500 gravel and widen.

ARIZONA—W. C. Braley, Waypool, Ariz., submitted low bid to bureau of public roads, Aug. 15 and was awarded contr. at $87,803.43 for constructing Sec. 1 of the Salt Aiver-Pleasant Valley highway, Tonto national forest, Gila county, Ariz., 16.522 mi., 12 ft. wide. The award was made on condition "A", alt. No. 2. His bid was as follows:

(1) Cleaning and grubbing, condition A, at $8400 (lump sum); (3) 18,917 cu. yds. rock excav. at $1.25 yd.; (4) 80,946 cu. yds. common excav. at 28c yd.; (7) 16,522 mi. finishing at $600 mi.; (8) 22 cu. yds. A conc at $35 yd.; (11) 358 cu. yds. D conc. alt. No. 1, at $30 yd.; (12) 15,000 lbs. reinf. steel, alt. No. 1, at 11c lb.; (13) 450 cu. yds. cem. rubble masonry, alt. No. 2, at $14 yd.; (19) 3608 lin. ft. 18-in. c. m. p. at $2.20 ft.; (20) 920 lin. ft. 24-in. c. m. p. at $3.30 ft.; (40) 121 cu yds. hand placed embank. at $2 yd.; (42) 43,732 lin. ft. protection ditch at 10c ft.; (43) 4730 lbs. reinf. steel alt. No. 2, at 11c lb.; (44) clearing and grubbing, condition B—; (45) 18,917 cu. yds. rock excav., condition B—. Totals— (1) $93,373.13; (2) $87,803.43; (3) —; (4) —; estimated equipment rental, $2388; engineering and contingencies, $8780.34. Condition A, alt. No. 2, total, $96,583.77. Other bids were:

C. E. Mauldin, Halstead, Kan.—(1) $4850; (3) $2.10; (4) 58c; (7) $100; (8) $30; (11) $25; (12) 11c; (13) $18; (19) $3.25; (20) $4; (40) $2; (42) 5c; (43) 11c (44) —; (45) $2; totals, (1) $122,271.18; (2) $120,291.48; (3) $119,629.48; (4) $117, 649.78; equipment rentals, $1562.50.

L. C. Lashmet Constr. Co., Albuquerque, N. M.—(1) $8000; (3) $1.79; (4) 69c; (7) $150; (8) $30; (11) $25; (12) 10c; (13) $12; (19) $2.52; (20) $3.61; (40) $2; (42) 5c; (43) 10c; (44) —; (45) $1.75; totaals, (1) $126,144.43; (2) $121,567.43; (3) $124,887.75; (4) $120,310.75; est. equipment rentals, $1325.

Hoops Constr. Co., Miami, Ariz.—(1) $5000; (3) $1.53; (4) 81c; (7) $100; (8) $30; (12) 11.5c; (13) $8; (19) $2.50; (20) $3 75; (40) $3; (42) 7c; (43) 11.5c; (44) —; (45) $1.50; totals (1) $130,180.71; (2) $121,859.66; (3) $129,613.20; (4) $121,-292 15.

Engr.'s est. (1) $1650; (3) $1.75; (4) 47c. (7) $100; (8) $31; (11) $22; (12) 10c; (13) $11; (19) $2.40; (20) $3.70; (40) $2; (42) 4c; (43) 10c; (44) —; (45) —; total (1) $101 564.05; (2) $97,611.05; (3) —; (4) —; engineering and contingencies, $9761.11; total, condition A, alter. No. 2, $107,372.16.

PACIFIC GROVE, Monterey Co., Cal. —William H. Ten Eyck, Pacific Grove, awarded cont. by Pacific Grove Grammar School Dist. to const. conc. walks, curbs, gutters, walls and open drains, etc., at school site.

VACAVILLE, Solano Co., Cal.—City trustees order plans prepared to pave Dobbin St., bet. Main St. and the creek; West Ct., bet. Main and Kendal; Parker St. from alley to Kendal and Kendal St. bet. West and Dobbins.

PHOENIX, Arizona. — Kisselburg, Schmidt & Hitchcock submitted low bid to city comm., at $113,850 to imp. 7th Ave., bet. Roosevelt St. and Mcdowell Rd., by paving with 4-in. asph. conc. Their bid on cement conc. was $117,-533.97. J. C. Steele & Co. bid $115,113.73 on 5-in. cem. conc. Phoenix-Tempe Stone Co. bid $126,712.06 on 4-in. Warrenite-bitul.

SANTA ANA, Cal.—City Eng. W. G. Knox states that paving program, totaling $150,000, for streets adjacent to the northwest section, includ. Hickey St., Baker St., N Flower and other sts., will be underway as soon as water pipe can be laid. Delay in pipe shipments is holding up the work.

OAKLAND, Cal.—Until Aug. 30, 12 M., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. Alcatraz Ave., from boundary line of city crossing Alcatraz Ave. bet. College and Benvenue Aves., to the boundary line of the city that crosses Alcatraz Ave. bet. Shattuck Ave. and Dover St., involving grading; const. conc. curb and gutter; pave with bituminous conc.; extend existing corru. iron and conc. main culverts; etc. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

OAKLAND Cal—Until Aug. 30, 12 M., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. 6th St., bet. Harrison and Oak Sts., involv. grading; construct conc. curbs and gutters; pave with 2-in. Warrenite-Bitulithic surface on 6-in. Port. cem. conc. base; 1911 Act. Cert. check 10% payable to city rek. W. W. Harmon, city eng.

FRESNO, Fresno Co., Cal.—Bids will be asked at once by D. M. Barnwell, county clerk, to const. two units of county highway system: Elm avenue road to Caruthers and Raisin City costing approx. $200,000. County Surv. Chris P. Jensen, Cory Bldg., is completing spec. for the Fowler Laton highway; est. cost $100,000.

WOODLAND, Yolo Co., Cal.—Until Sept. 4, 2 P. M., bids will be rec. by H. R. Saunders, County Clerk, for fur. and spreading 4,000 cu. yds. of 1-in to ¼-in crushing rock or gravel along Jefferson Blvd. through Reclamation Dist. Nos. 900 and 999. Cert. check 10% payable to county req. Asa G. Proctor, County Surveyor.

NAPA, Napa Co., Cal.—Until Sept. 4, 8 P. M., bids will be rec by Howard E. Roper, Clerk, Napa Union High School District, to grade; const. walks and driveways and parking areas on high school grounds. Plans by Walter A. Hoff, Landscape Engineer, are obtainable from office of Principal at high school, Jefferson and Lincoln Sts. Cert. check 10% payable to Pres. of Bd. of Trustees of Dist. req.

LOS ANGELES, Cal.—Residents of the valley, living bet. Cahuenga Pass and Calabasas, in territory near Ventura Blvd. have presented to the city council through H. M. Merrick, pres. of the Hollywood Foothills Imp. Assn., a petition asking authorization for const. of Mulholland Dr., a scenic roadway which is to follow the crest line of the Hollywood foothills. The highway is to have a width of 200 ft. with parking on both sides. The est. cost of the road, which will be entirely within the city limits, is $1,000,000.

SANTA MONICA, Cal.—J. D. Kneen Paving Co., Dudley Blk. awarded cont. by council at $28,519 to pave 4th St., bet. Pico Blvd. and Central Ave., with 1½-in. Warrenite-Bitul. surface on 3½-in. asph. conc. base; const. 6-in. vit. hse. sewers; manholes and flushtanks. John A. Morton, city engr.

SANTA ROSA, Sonoma Co., Cal. — City council will provide $30,000 in budget to pave street intersections. Geo. F. Comstock, city engineer.

CARSON CITY, Nevada—F. A. Dahle Construction Co., Logan, Utah., at -269,-845.10 awarded cont. by State Highway Commission for Project No. 85, grade; const. culverts and place gravel surface bet. Caliente and Ploche, Lincoln county. Other bids were: Nevada Contracting Co., Fallon, Nevada, $291,615.60 Wasatch Grading Co., Provo, Utah, $299,286.70. George W. Borden, state highway engineer.

LOS ANGELES, Cal.—Geo. R. Curtis, 2410 E 26th St., submitted low bid to Bd. Pub. Wks. to imp. Hobart Blvd., bet. Lemon Grove Ave. and Melrose Ave., involv. grading at $2000 (lump sum); 54,342 sq. ft. bitum. base paving 19c ft.; 1236 ft. curb 65c ft.; 3310 sq. ft. walk 20c ft.; 29 ft. hse. sewers $1.50 ft.; gutters 29c ft.

Griffith Co., 502 L. A. Ry. Bldg., low bidder to 10th St., bet. Gaffey and Meyler Sts., involv. grading at $4200 (lump sum); 152 sq. ft. asph. paving 35c ft.; 81,077 sq. ft. conc. paving 22c ft.; 360 sq. ft. oiling and rolling 10c ft.; 3337 ft. curb 65c ft.; 17,262 sq. ft. walk 22c ft.; 153 sq. ft. gutter 30c ft.; san. sewer complete; $6000; catchbasins and connections, complete, $6.

VISALIA, Tulare Co., Cal.—City Eng. L. H. Gadsby has completed spec. to imp. portions of W Center, N Giddings, Hall Ave., etc., involv.

4631 cu. yds. cut.
227 cu. yds. grading, fill.
212,757 sq. ft. pavement, 4-in. base and 1½-in. Warrenite-Bit. wearing surface.
2731 lin. ft. conc. curb.
7785 lin. ft. gutter.
172 lin. ft. culvert, part circle.
507 sq. ft. alley approaches.
4 culvert manholes.
460 lin. ft. storm sewer, 8-in. vit. pipe including 2-8x4 wye branches.
780 lin. ft. storm sewer, 10-in. vit. pipe, including 4 10x4 wye branches.
1 storm sewer manhole.
6 catchbasins.
860 lin. ft. header boards to be left in place.

Work under 1911 Act & Bond Act 1915 Protests will be heard Aug. 27. Ida Markham, city clerk.

LOS ANGELES, Cal.—Nick Bebek, 425 W 78th St., submitted low bid to Bd. Pub. Wks. at $18,800 to const. sewer in Florence Ave., bet. Normandie Ave. and 161 ft. w. of Wenker Ave.

Leo Miletich, 610 W. 54th St., low bidder at $7500 to const. sewer in Verdugo Rd., bet. Glassell Ave. and Ave. 35.

RIVERSIDE, Cal.—County Supervisors declare inten. to const. roadway 24 ft. wide, on Nuevo Rd., bet. Lakeview Ave. and Perris Blvd., involv. grade & pave with 5-in. cem. conc.; const. cem. conc. and corru. iron culverts and conc. end walls. Rd. Dist. Imp. No. 14. D. G. Clayton, Clerk. A. C. Fulmor, county surveyor.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. east side of Pacific Blvd., bet. Huntington Park City limits and Vernon city limits, 3005 lin. ft. or .57 mi., involv. 11,668 sq. ft. removal existing conc. walk; 2883 lin. ft. removal existing conc. curb; 2559 cu. yds excav. including finished grading; 22,-685 sq. ft. walk; 2862 ft. curb; 6839 sq. ft. gutters; 5020 sq. yds. removal of pavement; catch basins; 22,400 sq. ft. oil and screenings roadway (on 52nd, 54th and 55th Sts.) average haul 1 mi. from Dozier on P. E. Ry. Est. contr. price, $23,729.65.

Inten. declared to imp. west side Pacific Blvd., bet. Huntington Park city limits and Vernon city limits 2874 lin. ft. or .54 mi., under County Imp. No. 55, involv. 11,905 sq. ft. removal existing conc. walk; 2946 lin. ft. removal of existing conc. curb; 3033 cu. yds. excav., incl. finish grading; 22,418 sq. ft. conc. walk; 2930 lin. ft. curb; 6480 sq. ft. gutter; 4744 sq. yds. conc. pavement; catch basin; 19,600 sq. ft. oil and screenings roadway (on 52nd, 53rd, 54th and 55th Sts.) Average haul, 1 mi. from Dozier on P. E. Ry. Est. contr. price, $23,153.55.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3137	Shell	Owner	2800
3138	Davies	Owner	1000
3139	Feltman	Mullen	2000
3140	Clement	Mullen	1500
3141	Nieson	Mohler	4000
3142	Magnuson	Owner	3000
3143	Peterson	Peterson	7000
3144	Pelicano	McLeran	1500
3145	Tomsky	Coburn	2500
3146	Terry	Robinson	1675
3147	Burfeind	Harder	20000
3148	Delte	Owner	20000
3149	Frank	Owner	18000
3150	Johnson	Owner	22000
3151	Mattern	Taylor	2530
3152	Western	Moore	2975
3153	Sweeney	O'Brien	11891
3154	Mergenthaler	California	1123
3155	Same	Insulate	1607
3156	Same	Reilly	2818
3157	Same	Cobbledick	3124
3158	Same	Elvin	1418
3159	Same	Calif.	1420
3160	Same	Heidt	2454
3161	Same	Snook	1480
3162	Same	Scott	2515
3163	Mergenthaler	Atlas	3235
3164	Meyer	Owner	15000
3165	Kirby	Owntr	7000
3166	Garin	Owner	6900
3167	Pfeifer	Bjorkman	4000
3168	Meinberger	Owner	6000
3169	Trowbridge	Owner	5000
3170	Chamberlain	Owner	6000
3171	O'Connor	Owner	14500
3172	Johnson	Owner	6000
3173	Voorhies	Owner	20000
3174	Hale	Owner	60000
3175	Damico	Amoroso	32000
3176	Union	Larsen	4000
3177	Claverie	Rogers	3000
3178	Dahla	Owner	4999
3179	Burnett	Owner	2000
3180	Mathinusen	Carson	1500
2181	Western Pac	Delaney	2467
3182	Thode	Wilson	6876
3183	French	Cuthbertson	9340
3184	Naumann	McCauley	4750
3182	Greely	Burns	6000
3183	Cerf	McCaulcy	3800
3184	Hotel Owners	Fennell	47676
3185	Whetston	Salomon	6339
3186	De Martini	Owner	25000
3187	Phillips	Coast	35000
3188	Trowbridge	Lindberg	10580
3189	Campbell	Owner	3000
3190	Raisch	Cox	4000
3191	Edgar	Neish	3000
3192	Janssen	Owner	3950
3193	Same	Same	6950
3194	Spandau	Owner	9000
3195	Alexander	Peterson	4000
3196	Central	Owner	5000
3197	Howard	Wengard	6760
3198	Cassiday	Owner	3500
3199	Hopkins	Phoenix	1000
3200	Olsen	Owner	1000
3201	Lucy	Thorup	1500
3202	Garden	Mangels	9857
3203	Gnecco	Moller	17792
3204	Greely	Burns	11641
3205	Vignie	Mattock	36000
3206	Hexberg	Owner	7000
3207	Papenhausen	Owner	5500
3208	Sordelli	McCarthy	5100
3209	Hallett	Owner	2000
3210	Benn	Owner	8000
3211	Central		18000
3212	Rooney	Owner	5000
3213	Wagner	Carsen	1000
3214	Giusti	Hansen	4600
3215	Getz	Owner	25000
3216	Same	Same	30000
3217	Pickwick	Vukicevich	126000
3218	Selinger	Owner	10000
3219	Ksysick	Remmers	2000
3220	Marthinusen	Carson	1500
3221	Holt	Owner	8000
3222	Fazzio	Owner	2450
3223	Getz	Owner	8000
3224	Wiley	Arnott	4000
3225	Mash	Owner	10000
3226	S F Whse	Owner	16000
3227	Harder	Owner	1000
3228	Lindeman	Owner	8000
3229	Bullerdiech	Pritchard	1000
3230	Phipps	Owner	2000
3231	Frish	Owner	1000
3232	Bascilli	Saari	1400
3233	Hunt	Helbing	60000
3234	Cescio	Prisa	5000
3235	Bennett	Morris	6800
3236	Trowbridge	Lindberg	10580

STATIONS

(3137) SE SAN BRUNO AND SILVER Aves.
NE RAILROAD AVE and Newcomb. Two one-story steel auto service stations.
Owner—Shell Co., of California, 343 Sansome St., San Francisco.
Plans by Owner. $1400 each

ADDITION

(3138) NO. 544 SAN BRUNO AVE Addition to front and rear of dwelling interior alterations, etc.
Owner—T. A. Davis, Premises.
Architect—G. Knabenshuh, 97 Holloway Ave., San Francisco. $1000

ALTERATIONS

(3139) NO. 979 MARKET. New store front; interior work.
Owner—Feltman & Curme, Chicago, Ill.
Architect—None.
Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco $2000

ALTERATIONS

(3140) NO. 508 SUTTER. New store front; construct dressing rooms for milliner.
Owner—Mrs. Clement, Premises.
Architect—None.
Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco. $1500

DWELLING

(3141) S GEARY 85 W Forty-second Ave. One-story and basement frame dwelling.
Owner—H. Nielson, 150 10th Ave., S. F.
Architect—None.
Contractor—T E. Mohler, 751 28th Av., San Francisco. $4000

DWELLING

(3142) E SIXTEENTH AVE 175 S Judah. One-story and basement frame dwelling.
Owner—P. G. Magnuson, 231 Rolph St., San Francisco.
Architect—Gustav Stahlberg, 544 Market St., San Francisco. $3000

FRAME FLATS

(3143) N CALIFORNIA 82-6 W Tenth Ave. Two-story and basement frame (2) flats.
Owner—Elizabeth Peterson, 683 9th Ave., San Francisco.
Architect—None.
Contractor—Gustav Peterson, 683 9th Ave., San Francisco. $7000

REMODEL

(3144) 123-133 KEARNY ST. Remodel front for store.
Owner—Pelicano-Rossi Co., 123 Kearny St., San Francisco.
Architect—None.
Contractor—R. McLeran & Co., Hearst Bldg., San Francisco. $1500

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

ALTERATIONS
(3145) 1750 SUTTER ST. 5-ply tar and gravel roof for dwelling; repair plastering; painting; tinting and papering.
Owner—J. T. Tomsky, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $2500

ALTERATION
(3146) 20 MARKET ST. Alter store front.
Owner—Ferry Drug Co., premises.
Architect—None.
Contractor—Robinson & Gillespie, 1051 Sutter St., S. F. $1675

FLATS
(3147) NE FRANCISCO AND GOUGH Streets, 2-story & basement frame (4) residential flats.
Owner—Dr. Wm. Burfeind.
Architect—Jas. T. Narbitt, Richmond.
Contractor—John Harder, 870 39th Ave. San Francisco. $20,000

FRATERNITY HOUSE
(3148) N PARNASSUS 235-5 W Willard, 2-story and basement frame fraternity house.
Owner—Delta Sigma Delta Fraterniay.
Architect—August G. Headman, New Call Bldg., S. F. $20,000

APARTMENTS
(3149) NW CABRILLO AND FORTY-seventh Ave, 2-story and basement frame (4) apartments.
Owner—H. J. Frank, 315 Montgomery St., San Francisco.
Architect—M. G. Bugbee, 619 Washington St., S. F. $18,000

APARTMENTS
(3150) S FOURTEENTH 55 W Sanchez 3-story and basement frame (12) apartments.
Owner—Ernest Johnson, 581 Belvedere St., San Francisco.
Architect—None. $22,000

RESIDENCE
(3151) LOT 21 BLOCK 24 ST. FRANcis Wood Extension No. 2. Excavate grade, concrete work, carpentry, etc. for addition to residence.
Owner—Hermann A. Mattern, 80 San Pablo Ave., S. F.
Architect—H. H. Gutterson, 278 Post St., San Francisco
Contractor—Taylor & Jackson, 290 Tehama St., San Francisco.
Filed Aug. 16, 1923. Dated Aug. 13, 1923.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $2530
Bond, Sureties, Forfelt, none; Limit, 30 days; Plans and specifications filed.

ADDITIONS & ALTER
(3152) 556-558 CLAY ST. BET. SANsome and Montgomery through to Merchant St. Remove old work; reinforced concrete and steel work, etc except plumbing, wiring, painting and fixtures for additions and alterations to 3-story class C bldg.
Owner—Western California Fish Co., 556 Clay St., San Francisco.
Architect—Nathaniel Blaisdell, 255 California St., S. F.
Contractor—Clarence M. Moore and M. P. Madsen, 77 O'Farrell St., S. F.
Filed Aug. 16, 1923. Dated Aug. 6, 1923.
Rein. conc. completed.....$743
Hollow tile completed 744
Completed and accepted 744
Usual 35 days 744
TOTAL COST, $2975
Bond, $1400; Sureties, J. Molgaard and G. H. Moore; Forfeit, $10 day; Limit, 60 days; Plans and specifications filed.

BUILDING
(3153) N CLINTON PARK 117-6 W Valencia W 27-6 x N 70. All work for building.
Owner—Eugene & Margaret Sweeney, 430 30th St., S. F.
Architect—None.
Contractor—O'Brien Bros., 928 Oak St., San Francisco.
Filed Aug. 16, '23. Dated Aug. 8, '23.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $11,891
Bond, Sureties, none; Forfeit, $10; limit, 90 days; Plans and specifications, none.

BUILDING
(3154) N SACRAMENTO 130-6 W Montgomery. Cast iron wk., Braun molding, elevator cage for 3-story and basement class A bldg.
Owner—Mergenthaler Linotype Co., premises.
Architect—A. A. Cantin, Foxcroft Bldg., San Francisco.
Contractor—California Artistic Metal & Wire Co., 349 7th St., S. F.
Filed Aug. 16, '23. Dated June 25, '23.
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $1123
Bond, Sureties, none; Forfeit, $10 day; Limit, Sept. 25; Plans and specifications filed.

(3155) INSULITE FLOORING ON above.
Contractor — Insulite Chemical Co. of Aurora, Ill. (O. T. Larsen, Pacific Coast manager, Monadnock Bldg.)
Filed Aug. 16, 1923. Dated July 14, 1923.
Payments same as above.
TOTAL COST, $1607.30
Bond, Sureties, none; Forfeit, $5; Limit Oct. 15. Plans and specifications filed.

(3156) LATHING, PLASTERING, ORnamental plaster wk, cement plastering etc. on above.
Contractor—Francis O'Reilly, 180 Jessie St., San Francisco.
Filed Aug. 16, 1923. Dated July 14, 1923.
Payments same as above.
TOTAL COST, $2818
Bond, Sureties, none; Forfeit, $10 day; Limit, soon as possible; Plans and specifications filed.

(3157) GLASS & GLAZING ON ABOVE
Contractor — Cobbledick Kibbe Glass Co., 666 Howard St., S. F.
Filed Aug. 16, 1923. Dated July 29, 1923.
Payments same as above.
TOTAL COST, $3124
Bond, Sureties, none; Forfeit, $10; Limit, on or before Sept. 20; Plans and specifications filed.

(3158) LUMBER ETC. (Carpentry wk) on above.
Contractor—Arthur Elvin, 180 Jessie St San Francisco.
Filed Aug. 16, 1923. Dated Aug. 2, 1923.
Payments same as above.
TOTAL COST, $1418
Bonds, Sureties, Forfeit, Limit, none; Plans and specifications filed.

(3159) MILL WORK ON ABOVE.
Contractor — California Mill Co., 645 Bryant St., San Francisco.
Filed Aug. 16, '23. Dated Aug. 2, '23.
Payments same as above.....
TOTAL COST, $1420
Bond, limit, forfeit, none. Plans and specifications filed.

(3160) SHEET METAL WORK (except steel windows) on above.
Contractor—W. Heidt Cornice Works, 152 First St., San Francisco.
Filed Aug. 16, '23. Dated July 14, '23.
Payments same as above.....
TOTAL COST, $2454
Bond, none. Limit, Oct. 1, 1923. Forfeit, $5. Plans and specifications filed.

(3161) PLUMBING ON ABOVE.
Contractor—Frederick W. Snook Co, 596 Clay St., San Francisco.
Filed Aug. 16, '23. Dated June 25, '23.
Payments same as above.....
TOTAL COST, $1480
Bond, none. Limit, Oct. 1, 1923. Forfeit, none. Plans and specifications filed

(3162) STEAM HEATING, OIL STORage tank and burner, etc., on above.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Aug. 16, '23. Dated July 28, '23.
Payments same as above.....
TOTAL COST, $2515
Bond, none. Limit, as work progresses Forfeit, none. Plans and specifications filed.

(3163) ELECTRIC WORK ON ABOVE
Contractor—Atlas Electric Co., 185 Stevenson St., San Francisco.
Filed Aug. 16, '23. Dated July 5, '23.
Payments same as above.....
TOTAL COST, $3253
Bond, $1625. Sureties, C. O. Munson and Spencer B. Bagge. Limit, none. Forfeit, $5. Plans and specifications filed.

DWELLINGS
(3164) E TWENTY-EIGHTH AVE 50 75 and 100 S Anza. Three two-story and basement frame dwellings.
Owner—H. Meyer, 5326 Geary St., San Francisco.
Architect—None. $5000 each

FRAME FLATS
(3165) W NINETENTH AVE 150 N Anza. Two-story and basement frame (4) flats.
Owner—J. C. Kirby, 130 20th Ave., San Francisco.
Architect—None. $7000

STORES
(3166) N HAYES 76¼ W Ashbury. One-story frame (2) stores.
Owner—E. A. Garin, 1982 Fulton St., San Francisco.
Plans by Owner. $6900

DWELLING
(3167) N ROLPH 150 E Madrid. One-story and basement frame dwlg.
Owner—F. G. Pfeifer, 2539 Mission St., San Francisco.
Architect—None.
Contractor—Bjorkman & Bjorkman, 175 Newton St., San Francisco. $4000

RESIDENCE
(3168) SW BRODERICK & GREENwich. Two-story and basement frame residence.
Owner—H. S. Meinberger, 5720 California St., San Francisco.
Architect—None. $6000

ALTERATIONS
(3169) NO. 556 MARKET. New store fronts; partitions; roofing; plastering; painting ,etc.
Owner—Perkins-Trowbridge & Danzee, % Architect.
Architect—Edward E. Young, 2002 California St, San Francisco. $5000

REMODEL
(3170) NE POWELL AND SUTTER Remodel stores.
Owner—Chamberlain & Proctor, 850 Mills Bldg., San Francisco.
Architect—None. $6000

FRAME FLATS
(3171) N CHESTNUT 164 E Van Ness Ave. Two-story and basement frame (3) flats.
Owner—J. O'Connor, % Architect.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., San Francisco. $14,500

DWELLINGS
(3172) W THIRTY-THIRD AVE 29 & 61 S Cabrillo. Two one-story and basement frame dwellings.
Owner—S F. Johnson, 632 Funston Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000 each

APARTMENTS
(3173) NW FULTON & MASONIC AV Three-story and basement frame (12) apartments.
Owner—W. R. Voorhies, 12 Loyola Terrace, San Francisco.
Architect—None. $20,000

WAREHOUSE
(3174) S STEVENSON 175 W Fifth. Seven-story and basement Class B warehouse and fire department building.
Owner—Hale Bros., Inc., 5th and Market Sts., San Francisco.
Architect—Geo. De Colmesnil, 1607 Chronicle Bldg., San Francisco.
Contractor — MacDonald & Kahn, 130 Montgomery St., S. F. $60,000

APARTMENTS
(3175) W POLK 80 S Union. Three-story and basement frame (16) apartments.
Owner—Tony Damico, 889 Filbert St., San Francisco.
Architect—None.
Contractor—F. C. Amoroso, 1336 Kearny St., San Francisco. $32,000

ALTERATIONS
(3176) NE GRANT AVE & MARKET. Alter front; install new elevators, etc.
Owner—Union Trust Co., Premises.
Engineer—C. E. Bimble, 904 Claus Spreckels Bldg., S. F.
Contractor—Larsen Siegrist Co., 904 Claus Spreckels Bldg., S. F. $4000

ALTERATIONS
(3177) NO. 21 CAYUGA ST. Rebuild engine room by enclosing same in Mastertile; concrete foundation; new roof trussed.

Owner—Marie Claverie, Premises.
Architect—None.
Contractor—E. L. Rogers, 1136 55th St., Oakland. $3000

DWELLINGS
(3178) S MOULTRIE 75 and 100 S Crescent. Two one-story and basement frame dwellings.
Owner—John Dahla, 430 Crescent Ave., San Francisco.
Architect—None $2000 each

ADDITION
(3179) NE GOUGH AND PACIFIC. Two-room addition and bath for apartments (now under construction).
Owner—G. W. Burnett, 815 O'Farrell St., San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco. $2000

ALTERATIONS
(3180) NO. 172 STILLMAN. Alter and add to dwelling.
Owner—R. Marthinusen, Premises.
Architect—None
Contractor—Otto Carson, 180 Jessie St., San Francisco. $1500

REPAIRS
(3181) SE BRANNAN AND EIGHTH. Repair fire damage to auditors' office building.
Owner—Western Pacific Railroad Co., Mills Bldg., San Francisco.
Architect—None.
Contractor—Chas. S. Delaney, 2415 Bush St., S. F. $2467

FRAME BLDG.
(3182) LOT 8 BLK 15 (Entrada Court) Ingleside Terrace. All work for one-story and basement frame bldg
Owner—Frederick G. and Bertha M. Thode.
Architect—Gustave Stahlberg, Flatiron Bldg., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco.
Filed Aug. 17, '23. Dated Aug. 16, '23.
Frame up and enclosed .....$——
Brown coated ..... ——
Completed and accepted..... ——
Usual 35 days..... ——
TOTAL COST, $6876
Bond, $3438. Sureties, Chas. Monson & Edwin T. Peterson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3183) S LAKE 70 E Tenth Ave. All work for two-story frame dwelling and garage.
Owner—W. Shepard French, 114 Sansome St., San Francisco.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., San Francisco.
Filed Aug. 17, '23. Dated Aug. 7, '23.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $9340
Bond, none. Limit, 90 days. Forfeit, $3. Plans and specifications filed.

DWELLING
(3184) E THIRTIETH AVE 125 N Taraval. All work for frame dwlg.
Owner—Alfred E and Theresa Naumann, 124 Lake View, S. F.
Architect—A. G. Griewank, 516 Call Bldg. San Francisco.
Contractor—McCauley & Webber, 247 Granada Ave., San Francisco.
Filtd Aug. 17, '23. Dated Aug. 14, '23.
Contract signed .....$ 750
Enclosed 1000
Plastered 1000
Completed 1000
Usual 35 days..... 1000
TOTAL COST, $4750
Bond, $2375. Surety, Maryland Causalty Co. Limit, 90 days. Forfeit, $1.50. Plans and specifications filed.

FRAME FLATS
(3182) E EIGHTH AVE 107-6 N Geary. Two-story and basement frame (2) flats.
Owner—Annie Greely, 358 8th Ave., San Francisco.
Plans by Contractor.
Contractor—John Burns, 2614 McAllister St., San Francisco. $6000

DWELLING
(3183) LOT 33 BLK "H" Mission Terrace. All work for frame dwelling
Owner—Emile and Carrie Cerf, 51 First St., San Francisco.
Architect—A. C. Griewank, 516 Call Bldg., San Francisco.
Contractor—McCauley & Weber, 247 Granada Ave., San Francisco.
Filed Aug. 18, '23. Dated Aug. 8 '23.
Contract signed $300
Building enclosed 875
Plaster completed 875
Building completed 875
Usual 35 days..... 875
TOTAL COST, $3800
Bond, $1900. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, $1.50. Plans and specifications filed.

BUILDING
(3184) SE FOLSOM AND FALMOUTH NE 90 SE 160 SW 90 NW to beg. All work for one-story and mezzanine floor reinforced concrete building.
Owner—Hotel Owners Laundry Ass'n., 722 York St., San Francisco.
Architect—Fred H. Meyer and Albin R. Johnson, 742 Market St., S. F.
Contractor — Fennell & Chisholm, 180 Jessie St., San Francisco.
Filed Aug. 18, '23. Dated Aug. 17, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST $47,676
Bond, $23,838 Surteies H. C. Matthies and Peter Bradley. Limit, 100 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(3185) N GREEN, No. 1854-56. Alter and add to 2 flat frame building for (4) apartments.
Owner—V. G. Whetston, % Architect.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Contractor—L. Salomon, 1430 Ellis St, San Francisco.
Filed Aug. 18, '23. Dated July 26, '23.
Ready for painting..... 25%
Completed and accepted..... 50%
Usual 35 days..... 25%
TOTAL COST, $6339
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(3186) S UNION 68 W Jones. Three-story and basement frame (6) apartments.
Owner—M. De Martini, 946 Broadway, San Francisco.
Architect—P. F. De Martini, 946 Broadway, San Francisco. $25,000

BUILDING
(3187) SE BRANNAN AND GILBERT. Two-story concrete building.
Owner—Chas E. Phillips Co., 907 Bryant St., San Francisco.
Plans by Contractor.
Contractor—Coast Constr. Co., 918 Crocker Bldg., S. FG. $35,000

FRAME FLATS
(3188) E SANCHEZ 89 S Elizabeth. Two-story and basement frame (2) flats.
Owner—H. J. Trowbridge, 646 Folsom St., San Francisco.
Architect—E. A. Essman, 277 Diamond St., San Francisco.
Contractor — C. Lindberg, 257 Surrey St., San Francisco. $10,580

DWELLING
(3189) W TEMPLE 96.33 N 17th St. One-story and basement frame dwelling.
Owner—D. D. Campbell, 1537 Addison St., Berkeley.
Architect—None. $3000

DWELLING
(3190) S PARNASSUS AVE 197-6 W Fourth Ave. Two-story and basement frame dwelling.
Owner—A. J. Raisch, 46 Kearny St, San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $4000

DWELLING
(3191) N ARLETA 125 W San Bruno. One-story and basement frame dwelling.
Owner—Geo. and Elizabeth Edgar, 86 Raymond Ave., San Francisco.
Architect—Jas. G. Neish, 627 Sunnydale Ave., San Francisco.
Contractor—James G. Neish, 627 Sunnydale Ave., S. F. $3000

DWELLING
(3192) E THIRTY-SECOND AVE 225 N Geary. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $3950

FRAME FLATS
(3193) W SEVENTH AVE 200 S Geary Two-story and basement frame (2) flats.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $6950

FRAME FLATS
(3194) NO. 1692 GREENWICH. Two-story and basement frame (2) flats.
Owner—A. and M. Spandau, 1958½ Greenwich St., San Francisco.
Architect—Wm. Arthur Newman, 402 Post Office Bldg., S. F. $9000

DWELLING
(3195) N BERNARD 183 E Leavenworth. One and one-half-story and basement frame dwelling.
Owner—Harriet Alexander, 2060 Ellis St., San Francisco.
Architect—None.
Contractor—W. C. Petersen, 2060 Ellis St., San Francisco. $4000

ALTERATIONS
(3196) NO. 979 MARKET. New front; raise floor for motion picture theatre.
Owner—Central Theatre Co., 74 Montgomery St., San Francisco.
Architect—Bernard J. Joseph and B. S. Hirschfeld, 74 New Montgomery St., San Francisco. $5000

ALTERATIONS
(3197) NO. 247 SEVENTEENTH AVE. Alterations & repairs for (2) flats.
Owner—Ray L. Howard, Premises.
Architect—None.
Contractor—C. Wengard, 1286 34th Ave San Francisco. $6760

DWELLINGS
(3198) SW QUESADA 225 and 250 W Ione. Two one-story and basement frame dwellings.
Owner—Richard F. Cassidy, 465 California St., San Francisco.
Architect—None. $3500 each

ALTERATIONS
(3199 N POST 60 W Powell. Remove present and install new sidewalk lights.
Owner—E. W. Hopkins, 354 Pine St, San Francisco.
Architect—S. Schnaittacher, 233 Post St., San Francisco.
Contractor — Phoenix Sidewalk Light Co., Monadnock Bldg., San Francisco. $1000

ADDITION
(3200) NO. 418 ANDOVER. Two-room addition to dwelling and plaster front.
Owner—O. M. Olsen, Premises.
Architect—A. W. Richardson, 941 Church St., San Francisco. $1000

ADDITION
(3201) NO. 664 EIGHTEENTH AVE. Two bedrooms and bath addition to bungalow.
Owner—Mrs. R. V. Lucy, Premises.
Designer—J. H. Thorup, 2436 Balboa St., San Francisco.
Contractor—J. H. Thorup, 2436 Balboa St., San Francisco. $1500

RESIDENCE
(3202) LOT 7 BLK 24 St. Francis Wood Extn No. 2. All work for rame residence.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Theo. W. Lenzen, Humboldt Bank Bldg., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Aug. 20, '23. Dated Aug. 18, '23.
Frame up $2464.25
Brown coated 2464.25
Completed and accepted..... 2464.25
Usual 35 days..... 2464.25
TOTAL COST, $9857.00
Bond, $4,928.50. Sureties, Theresa Gamma and John A. F. Steimke. Limit, specifications filed.

BUILDING
(3203) N BROADWAY 137-6 E Fillmore E 40xS 137-6. Reinforced concrete work for five-story reinforced concrete building.

Owner—M. H. Gnecco, 36 Wood St., San Francisco.
Architect—Edw. E. Young, 2002 California St., San Francisco.
Contractor—Fred Moller and R. De Lucca, Call Bldg., San Francisco.
Filed Aug. 20, '23. Dated Aug. 7, '23.
2nd story joists set..... $3336
4th story joists set..... 3336
Completed and accepted..... 3336
Usual 35 days..... 4448
TOTAL COST, $17,792
Bond, none. Limitn 90 days. Forfeit, plans and specifications, none.

FRAME FLATS
(3204) E EIGHTH AVE 107-6 N Geary N 25xE 120. All work for two-story frame flat building.
Owner—Annie Greely, 358 8th Ave., San Francisco.
Architect—John Burns, 2614 McAllister St., San Francisco.
Contractor—John Burns, 2614 McAllister St., San Francisco.
Filed Aug. 20, '23. Dated Aug. 20, '23.
Frame up and roof boards on $2912
1st coat plaster on..... 2912
Completed and accepted..... 2912
Usual 35 days..... 2912
TOTAL COST, $11,648
Bond, limit. forfeit, none. Plans and specifications filed.

APARTMENTS
(3205) N O'FARRELL 55 W Hyde. 4-story and basement class C (9) apartments.
Owner—Chas. Vignie, 128 Ellis St., S. F.
Architect — Baumann and Jose, 251 Kearny St., San Francisco.
Contractor—Mattock and Feasey, 251 Kearny St., S. F. $36,000
NOTE—Former application withdrawn and this application filed in its stead.

FLATS
(3206) N ANZA 106-3 N 14th Ave. 2-story and basement frame (2) flats
Owner—C. Hexberg, 286 Liberty St., San Francisco.
Architect—P. C. Fisher, 1126 Hearst Bldg., San Francisco. $7000

DWELLING
(3207) LOT 21 BLOCK 20 ST FRANCIS Wood Extension No. 2. 1½-story and basement frame dwelling.
Owner — Henry F. Papenhausen, 532 3rd Ave., San Francisco.
Architect — Henry H. Gutterson, 278 Post St., San Francisco. $5500

DWELLING
(3208) S TWENTY-FOURTH 150-10 W Diamond. 1-story and basement frame dwelling.
Owner—A. Sordelli, 24th and Diamond Sts., San Francisco.
Architect—R. Essmann, 277 Diamond St., San Francisco.
Contractor—James F. McCarthy, 434 Eureka St., S. F.

DWELLING
(3209) S DUNCAN 176 E Dolores. 1-story and basement frame dwelling
Owner—Arthur Hallett, Jr., 55 Lapidge St., San Francisco.
Architect—None. $2000

FLATS
(3210) W TWENTIETH AVE. 175 N Fulton. 2-story and basement frame (2) flats.
Owner—S. Bem.
Architect — Edward E. Young, 2002 California St., S. F. $8000

BUILDINGS
(3211) N MARKET 55 E Waller. 1-sto. reinforced concrete and frame auto laundry bldgs., stores, gasoline station, washing sheds, etc.
Owner—Central Finance Corporation, care architect.
Architect—Wm. F. Gunnison, 57 Post St., S. F. $18,000

DWELLING
(3212) E FAXON AVE 100 N Ocean Ave. One-story and basement frame dwelling.
Owner—J. E. Rooney, 20 Hamburg St., San Francisco.
Architect—None. $5000

ALTERATIONS
(3213) NO. 2214 WEBSTER. Raise and make general alterations to residence.
Owner—Mrs. Agnes B. Wagner, Prem.
Architect—None.
Contractor—Otto Carson, 180 Jessie St., San Francisco. $1000

ALTERATIONS
(3214) S MOULTON 79 E Fillmore St. Move and raise cottage and make additions to same.
Owner—N. Giusti.
Architect — A. H. Armitage, 72 New Montgomery St., San Francisco.
Contractor—H. E. Hansen, 180 Jessie St., San Francisco. $1600

GARAGE, ETC.
(3215) SW ELLIS AND BUCHANAN. One and two-story concrete garage and stores.
Owner—B. Getz, Chronicle Bldg., S. F.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco. $25,000

STORES, ETC.
(3216) SE CLEMENT AND TWELFTH Ave. Two-story and basement reinforced concrete Class C stores & offices.
Owner—B. Getz, 1605 Chronicle Bldg., San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco. $30,000

STORES, ETC.
(3217) NW MISSION 50 NE Fifth NE 75 NW 160 SW 125 SE 75 NE 50 SE 85. All work for two-story and basement Class B reinforced concrete building (auto stage terminal and stores).
Owner—The Pickwick Corporation, 683 Market St., San Francisco.
Architect — O'Brien Bros., Inc., 318 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 185 Stevenson St., San Francisco.
Filed Aug. 21, '23. Dated Aug. 11, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $126,000
Bond, $63,000. Sureties, J. H. McCallum and H. W. Gaetjen. Limit, 180 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(3218) SW SEVENTEENTH AVE AND Irving. Two two-story and basement frame (4) apartments.
Owner—A. M. Selinger, 1601 Irving St., San Francisco.
Architect—None. $10,000

ADDITION
(3219) NO. 222 CLINTON PARK. Construct addition to front for flats; re-arrange partitions.
Owner—V. J. Ksysick and wife, Prem.
Architect—None.
Contractor—W Remmers, 276½ Ellington Ave., San Francisco. $2000

ALTERATIONS
(3220) NO. 172 STILLMAN. General alterations and repairs to residence
Owner—R. Marthinusen, Premises.
Architect—None.
Contractor—Otto Carson, 180 Jessie St., San Francisco. $1500

DWELLINGS
(3221) W TWENTY-FIRST AVE 275 and 300 S Anza. Two two-story and basement frame dwellings.
Owner—O. C. Holt, 543 21st Ave., San Francisco.
Architect—None. $4000 each

DWELLING
(3222) E SIXTEENTH AVE 75 N Irving. One-story and basement frame dwelling.
Owner—Leo Fazzio, 1138 Stanyan St., San Francisco.
Architect—None. $2450

DWELLINGS
(3223) E TWENTY-SEVENTH AVE 300 and 325 S Irving. Two one-story and basement frame dwlg.
Owner—Sol Getz & Sons, 24th Ave. and Lincoln Way, San Francisco.
Architect—None. $4000 each

DWELLING
(3224) W TWENTY-FIRST AVE 175 N Irving. One-story and basement frame dwelling.
Owner—Ralph Wiley, 1250 26th Ave., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $4000

ALTERATIONS
(3225) N POST 200 W Webster. Remodel present buildings for (12) apartments.
Owner—S. L. Mash, Kearny and Bush Sts., San Francisco.
Architect—M G. Bugbee, 619 Washington St., San Francisco. $10,000

OFFICES
(3226) S BRANNAN 137-6 E Third St. Two-story brick offices.
Owner—San Francisco Warehouse.
Architect—George A Applegarth, 1800 Claus Spreckels Bldg., San Francisco. $16,000

ADDITION
(3227) NO. 27 SCOTT. Add bedroom to flat.
Owner—Mrs. Harder.
Architect—E. A. Neumarkel, 544 Market St., San Francisco. $1000

DWELLINGS
(3228) E TWENTY-FOURTH AVE 35 and 60 S Cabrillo. Two one-story and basement frame dwellings.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman. $400 ea

ALTERATIONS
(3229) NO. 3869 SEVENTEENTH. Remodel basement for flat.
Owner—N. Bullerdieck, Premises.
Architect—None.
Contractor—S. H. Pritchard, San Anselmo, Calif. $1000

ALTERATIONS
(3230) N HAYES 137-6 W Broderick. Reset foundation; enlarge lightwell; cement basement; new partitions, etc., for dwelling.
Owner—Edward Phipps, 1432 Hayes St., San Francisco.
Architect—None. $2000

FOUNDATION
(3231) E SCHRADER 63 N Grove. Construct foundation and underpin flats.
Owner—O. H. Frisk and C. Swanson, 4331 19th St., San Francisco.
Architect—None. $1000

ADDITION
(3232) W SANCHEZ 114 N Twenty-fourth. Additions and alterations to flats.
Owner—I. G. Bascilli, 1072 Sanchez St., San Francisco.
Architect—None.
Contractor—S. Saari, 155 Berlin St., San Francisco. $1400

APARTMENTS
(3233) SE CALIFORNIA & OCTAVIA. Four-story and basement reinforced concrete (18) apartments.
Owner—M. A. Hunt, 1332 Lombard St., San Francisco.
Plans by Owner.
Contraactor — The Helbing Co., 1332 Lombard St., S. F. $60,000

RESIDENCE
(3234) NE WOOLSEY AND DARmouth. All work for one-story and basement frame residence.
Owner—Ernest Cresclo.
Architect—F. F. De Martini, 946 Broadway, San Francisco.
Contractor—A. Brisa.
Filed Aug. 22, '23. Dated June 27, '23.
Frame up $1250
Brown coated 1250
Completed and accepted..... 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, none. Limit, 90 days after July 5, 1923. Forfeit, none. Plans and specifications filed.

BUNGALOW
(3235) LOT 17 BLK 21, Ingleside Terrace. All work for one-story and basement bungalow.
Owner—Leander E. and Laura M. Bennett, 53 Palm Ave., San Francisco.
Architect—None.
Contractor—Alfred T. Morris, 602 9th Ave., San Francisco.
Filed Aug. 22, '23. Dated Apr. 28, '23.
Frame up .....$ 600
Brown coated 1500
Standing finish on..... 1500
Completed 1500
Usual 35 days..... 1700
TOTAL COST, $6800
Bond, none. Limit, 100 days after May 1, 1923. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(3236) E SANCHEZ 89 S Elizabeth S 25xE 100. All work for two-story frame flats.

Owner—H. J. Trowbridge, 2945 16th St., San Francisco.
Architect—Ernest U. Essmann, 277 Diamond St., San Francisco.
Contractor — C. Lindberg, 257 Surrey St., San Francisco.
Filed Aug. 22, '23. Dated Aug. 17, '23.
Frame up $2745
Brown coated 2745
Completed and accepted.....2745
Usual 35 days.....2745
TOTAL COST, $10,580
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Aug. 16, 1923—E TWENTY-FIFTH Ave. 225 N Fulton N 50 E 120 Bryan Feerick to whom it may concern .....Aug. 15, 1923
Aug. 16, 1923 — W LAUREL 93 S Jackson 34-8¼ x 67-6. Viola K. Marx to Joel Johnson..Aug. 2, 1923
Aug. 16, 1923—SE PINE & STOCKton E 57-6 x S 60. Emma Meyer to John Spargo .....Aug. 15, 1923
Aug. 16, 1923—W TWENTIETH AVE 175 N Clement N 25 x W 120. Cornelia Morse to Klaus Adler..Aug. 11, '23
Aug. 16, 1923—N GEARY 137-6 W Larkin W 30xN 120. Angelo J Ferrogziaro to whom it may concern.....August 7, 1923
Aug. 16, 1923—NW DERBY AND Mason N 60xW 77-6. Spring Valley Water Co to Walter N Reed.. .....August 16, 1923
Aug. 17, 1923—SE TWENTY-SECOND Ave and California 32-6 on California by 90 on 22nd Ave. Nicolaus Hesse to John V Stiefel.Aug. 16, 1923
Aug. 17, 1923—NW CALIFORNIA & Laguna 34-4 W th 137-6 N 34-4 E 137-6 S to beg. Alphonse Snow to Edward Jose.....Aug. 16, 1923
Aug. 17, 1923—W SIXTEENTH AVE 221-1 S California 25x120. Edgar G & Olga Oden to Strand & Strand .....August 17, 1923
Aug 17, 1923—W OTIS 107 S McCoppin S 28xW 90. A L Thulin to whom it may concern..Aug. 15, 1923
Aug. 17, 1923—N FOURTEENTH 38 E Belcher E 38xN 69-9½. O Madsen to James Jensen.....July 20, 1923
Aug. 17, 1923—N TURK 87-6 E Hyde E 50xN 137-6. Christopher C Miller to R J H Forbes....Aug. 16, 1923
Aug. 17, 1923—NE GOLDEN GATE and Baker. R W Joost to whom it may concern.....Aug. 15, 1923
Aug. 17, 1923—LOT 16 BLK 23, St. Francis Wood Extension No. 2, Garden Homes Co to W J and H C Mangels (as Mangels Bros).... .....August 15, 1923
Aug. 17, 1923—S EAST PARK 254 W Andover W 25xS 100 Lot 20. Blk 7, Ptn Holly Park Tract. Nellie Theresa and Eugene Wanderer to Paul Piper and Ebert Thomson... .....August 14, 1923
Aug. 17, 1923—S FULTON 106-3 E Clayton E 25xS 137-6. Nanon G Fitzgerald to E A Garin..June 1, 1923
Aug. 18, 1923—LOT 16 BLK 3160, Westwood Park. Hans and wife Esther E Nelson to whom it may concern.....August 16, 1923
Aug 18, 1923—LOT 9 BLK 3199, Westwood Park. Holger Hanson and wife Ruth E Hanson to whom it may concern.....Aug. 13, 1923
Aug. 18, 1923—W HOWARD 27-6 N Erie N alg W curve Howard 28-10¼ W parl with S 13 86-8 S 83° 59' 48" dist 28-10¼ E 86-9½ m or l to beg. John C and Lauretta L Exley to C T Merchant.Aug 14, 1923
Aug. 18, 1923—E THIRTY-NINTH AV 135 N Balboa N 105xE 120. Wm Klute to Meyer Bros....Aug. 18, 1923
Aug 20, 1923—LOT 6 BLK 2986 Claremont Court being 230 ft. E of Claremont Blvd. S E Benko to J W Jessiman.....Aug 20, 1923
Aug. 20, 1923—E BON VIEW 75 N Eugenia. Frenk Bleuss to Albert Bernhardt.....Aug. 10, 1923
Aug. 20, 1923—W VERMONT 150 S Mariposa 25x90. Mary Mattersheed to Jos Novello.....Aug. 20, 1923
Aug. 21, 1923—E TWENTY-NINTH Ave 25 N Balboa N 25xE 82-6. Chas and Grace Bantel to T L and Thos R Sherman.....Aug. 12, 1923
Aug. 21, 1923—NO. 60 SANSOME 97x97 at SE Bush and Sansome. Continental Ins Co, Fidelity Phoenix Fire Ins Co of N. Y. to Frederick W Snook Co.....Aug. 21, 1923
Aug. 21, 1923—E PRINE & RHINE SE 33-4xNE 75 Ptn Lots 6, 7 and 8 Blk "N" Mission St. Land Co. Charles Gust to whom it may concern.....Aug. 17, 1923
Aug. 21, 1923—SW TABOR PLACE & Second S 68-9xW 98. Felix Kahn to whom it may concern...Aug. 1, 1923
Aug. 21, 1923—NW FOLSOM 343-9 SW Fourth SW 34-4½xNW 160. J F Mitchell to whom it may concern.. .....August 15, 1923
Aug. 21, 1923—LOT 11 BLK "F" Mission Terrace; Lot 3 Blk "I" Mission Terrace. Walter E Hansen to whom it may concern.....Aug. 17, 1923
Aug. 21, 1923—E FUNSTON AVE 60 N Fulton N 30xE 92-6. Henry Oswald to A Petersen...Aug. 18, 1923
Aug. 21, 1923—LOT 19 BLK 3138; Lot 12 Blk 3113, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Aug. 21, 1923
Aug. 21, 1923—E FAXON AVE 275 S Holloway Ave S 25xE 112-6 Lot 18 Blk 19, Lakeview. James A Arnott to James Arnott & Son..Aug. 2, 1923
Aug. 21, 1923—SE 7-6 OF LOT 7 and all Lot 8 Blk 2977, Merritt Terrace. James A Arnott to James Arnott & Son .....Aug. 15, 1923
Aug 21, 1923—NO. 456 WALLER ST. Adolphe Miller to G C Hladik... .....August 21, 1923
Aug. 22, 1923—NE GEARY AND Thirty-fifth Ave E 32-6xN 100. F J Povey to C D Delmarter..... .....August 2, 1923
Aug. 22, 1923—SE BUSH AND Sansome 97x97 No. 60 Sansome. The Continental Ins Co and The Fidelity Phoenix Fire Ins Co to Barrett & Hilp, July 19, 1923; The Iron & Steel Contracting Co, Aug. 1, 1923; J Z Smith, July 30, 1923, The Raymond Granite Co, Aug. 1, 1923; Mission Marble Works..... .....August 10, 1923
Aug. 22, 1923—W FIFTEENTH AVE 425 S Judah S 25x127-6. D W and L S Ross to whom it may concern.. .....August 20, 1923
Aug. 22, 1923—E MASONIC AVE 25 N Grove N 59x80. Rose and W S Hoffman to whom it may concern. .....August 22, 1923
Aug. 22, 1923—NW BOSCANA 231 NE Cortland Ave NE 25-8xNW 70 Lot 329 Cobb Tract. C and Sofia Beck to Samuel Saari.....Aug. 17, 1923
Aug. 22, 1923—NW SACRAMENTO & Joyce W 56xN 57-6. Ellen Ryan to Bay Constr Co.....Aug. 21, 1923
Aug. 22, 1923—S GEARY 102-6 W 43d Ave 25x100. Edward F and Bessie Helms to whom it may concern... .....Aug. 22, 1923
Aug. 22, 1923—S GEARY 77-6 W 43d Ave 25x100. Edward F and Bessie Helms to whom it may concern... .....August 22, 1923
Aug. 22, 1923—E YORK 75 S Twenty-sixth S 125xE 100. A G Sala to Thomas F Mitchell.....Aug. 22, 1923
Aug. 22, 1923—W ELEVENTH 37-9 N Kissling 37-9x90. Samuel Schell to whom it may concern.Aug. 16, 1923
Aug. 22, 1923—N GROVE 215-6 W Franklin. G Demaestri to E K Nelson.....Aug. 22, 1923
Aug. 22, 1923—SE NATOMA 122-6 SW Mary 25x70. Ralph Brown to Barrett & Hilp.....Aug. 15, 1923
Aug. 22, 1923—E NINETENTH AVE 175 N Ortega 25x130. Frank Carter .....August 15, 1923
Aug. 22, 1923—LOT 13 BLK 48, Sunnyside being N line Monterey Blvd 150 S from E Acadia Otto C and Nielie Niehuss to John W and Ernest B Bachman...Aug. 17, 1923
Aug. 22, 1923—W FIFTEENTH AVE 400 S Judah S 25x127-6. D W and L S Ross to whom it may concern.. .....Aug. 20, 1923
Aug. 22, 1923—NW CLAY & TAYLOR 68 on Clay and 72-6 on Taylor. Lloyd B Ham to whom it may concern.....Aug. 20, 1923
Aug. 22, 1923—SE BALBOA AND Forty-seventh Ave S 90xE 60. B N Nichols to Meyer Bros..... .....August 22, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Aug. 17, 1923—E NINTH AVE 50 N Judah N 50xE 95. P J Rudenko (Pacific Elevator Co) vs James C Gibson $844.32
Aug. 18, 1923—N IRVING 95 E 35th Ave 25x100. Civic Center Supply Co vs Henry E Nolan.....$69.75
Aug. 20, 1923—NW MORSE 134 NE Lowell NE 25xNW 122 m or l. Charles D Delmarter vs Anthony M Tadwick $646.37
Aug. 21, 1923—S BUSH 186 W Steiner W 36-6xS 137-6. Goldberg & Wilson Electric Co vs Annie and Gus Berndt $428.89
Aug. 21, 1923—E MISSION 268 S 23rd S 55xE 122-6. George McCauley vs Mrs. M Secvhnitman.....$76.50
Aug 21, 1923—W THIRTY-FIFTH Ave 200 S Cabrillo. John W Johnston vs Daniel J O'Hara.....$100
Aug. 22, 1923—E CHERRY 119-6 N Washington N 40xE 117-9. Joseph Musto Sons-Keenan Co vs Helen S Levy and A L Stone.....$175

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Aug. 17, 1923—N ANZA 50 E 46th Ave E 28.5xN 120; N Anza 78.5 E 46th Ave E 25xN 120. Reinhart Lumber & Planing Mill Co to A G Bennett
Aug. 17, 1923—SW OCEAN AVE 111 NW Jules Ave NW alg SW Ocean Ave 27.17 m or l rung. S 136-8 m or l E 25 m or l N 126-3 m or l to SW Ocean Ave and pt beg. Ptn Lot 25 Blk 25, Lakeview. J H Kruse to E H Bode & George C Knaebenshuh and John R Morrison (as Knaebenshuh & Morrison) .....
Aug. 18, 1923—N JACKSON 137-6 W Lyon W 25xN 127-8¼. Stone & Gernitti to Augusta W Dusenbery and Daniel J Patterson.....
Aug. 20, 1923—SW GEARY AND Eighteenth Ave W 32-6xS 100. Michel & Pfeffer Iron Works to Oscar Tobriner and W L Hemminga

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Aug. 16, 1923—E MONTGOMERY S Pine 240 Montg. St. Geo. C. Alexander as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt
3768	Hally	Strang	7000
3769	Hansen	Chistensen	11800
3770	Pierson	Randlett	4500
3771	Jackson	Owner	3000
3772	Patrick	Owner	5500
3773	California	Truscott	9000
3774	Reeder	Andrew	2950
3775	Mattison	Owner	2800
3776	Lucas	Owner	6000
3777	Oliver	Owner	1000
2778	Nordhogen	McCord	3750
3779	Clark	Maganini	1200
3780	Woolworth	Mullen	2500
3781	Dingley	Easterly	6600
3782	Jones	Owner	2000
3783	Reeves	Owner	3600
3784	Goodman	Marshall	2000
3785	Johanson	Owner	5200
3876	Clauson	Owner	2000
3787	Jenkins	California	13500
3788	Mulligan	California	12500
3789	S P Co	Hutchinson	——
3790	Same	Same	——
3791	Breuner	Logstrup	1187
3792	Same	Goodmundson	3609
3793	Same	Royal	16229
3794	Same	Bayley	3978
3795	Norris	Owner	2000
3796	Brazier	Owner	4000
3797	Anderson	Owner	1000
3798	Magnani	McCord	4000
3799	Edlund	Owner	18000
3800	Graftmiller	Blanchard	1400
3801	Johnson	Owner	3500
3802	Noble	Owner	4000
3803	Fabiola	Pedgrift	2000
3804	Jackson	Abrahamson	3980
3805	Johnson	Owner	2750
3806	Feige	Field	3233
3807	Mentch	Lodge	5000
3808	Muther	Owner	5000
3809	Jones	Owner	7000

3810	Roth	Owner	5000
3811	Minani	Owner	1000
3812	Kennedy	Owner	1800
3813	Carlson	Owner	2500
3814	Krilettch	Brunetti	1000
3815	Duval	Owner	4800
3816	Baker	Owner	5000
3817	Ayers	Herygora	1500
3818	Hart	Owner	7250
3819	Russell	Rutherford	14059
3820	McCoy	Scott	29500
3821	Gow	Owner	3500
3822	Tiedman	Griffith	3250
3823	Grimes	Owner	6500
3824	Ray	Diestal	14000
3825	S. P. Co.	Hutchinson	——
3826	Hillhouse	Maurice	28000
3827	Da Cosce	Marshall	18000
3828	Steel Tank Co	Owner	7000
3829	Rydman	Rydmai	1500
3830	Westen	Heath	4000
3831	Bramlage	Bramlage	10000
3832	Bowers	Owner	15000
3833	Croyland	Fox	3100
3834	Heltman	Owner	2300
3835	Gargagletto	Parker	2950
3836	Booth	Owner	2000
3837	Sanders	Owner	3500
3838	Ross	Sigwald	4000
3839	Osborne	McCarter	2550
3840	Pearce	Owner	3800
3841	Kahn	MacDonald	35000
3842	Westphal	Marlanen	9300
3843	Westphal	Van Heerden	1292
3844	Westphal	Glimme	1550
3845	Westphal	Chubb	663
3846	Westphal	Spott	267
3847	Westphal	Fearey	1363
3848	Romie	Wilson	15000
3849	Runnels	Owner	7000
3850	Dang	Brennan	10000
3851	Ralston	Graham	3500
3852	Christensen	Owner	2600
3853	Johannessen	Owner	4000
3854	Kiskin	Clay	1900
3855	Hammarberg	Owner	3000
3856	Fraser	Knight	15000
3857	McNaughton	McPhee	4000
3858	Naylor	Hendricksen	6000
3859	Mills	Owner	3600
3860	Berryman	Owner	1500
3861	Close	Orton	3000
3862	Leiter	Owner	1000
3863	Fiegler	Owner	2600
3864	Parker	Owner	3800
3865	Eckley	Norgrove	4200
3866	Hollidge	Owner	16000
3867	Maclulich	Pearson	1900
3868	Garrett	Owner	1000
3869	McIntier	Owner	4900
3870	Johnston	Owner	6500
3871	Preston	Birch	3000
3872	Marsan	California	6000
3873	Young	Owner	4000
3874	Hocken	Owner	2300
3875	Matthews	Anderson	6500
3876	MacInnes	Greenleaf	4000
3877	Baker	Owner	5000
3878	Saroni	Pond	16000
3879	Coit	Coit	8000
3880	Myers	Myers	5500
3881	Fillmore	Smith	5200
3882	Johnson	Owner	7000
3883	Johnson	Owner	7500
3884	Thompson	Thompson	4500
3885	Hallens	Owner	7500
3886	Mehrtens	Holmes	2400
3887	Gooden	Owner	8000
3888	Nunecke	Vollmer	4500
3889	Mertens	Williford	5600
3890	Campbell	Owner	3000
3891	Peterson	Wallstrom	9000
3892	Scheelene	McDuffie	10000
3893	Bigelow	Owner	4000
3894	Marquis	Owner	4000
3895	Landgrebe	Owner	3000
3896	Patterson	Owner	8000
3897	Clarke	Pratt	2500
3898	Birmingham	Malley	5000
3899	Garberino	Benassini	1000
3900	Carpenter	Owner	4250
3901	Agrella	Owner	3500
3902	Spiropulus	Hauri	6800
3903	Blake	Matthew	705

DWELLINGS
(3768) NO. 1126, 1132, 1136 MOUND St., Alameda. Three one-story 5-room dwellings.
Owner — Frank Hally Co., 2315 Santa Clara Ave, Alameda.
Architect—None.
Contractor — F. Strang, Syndicate Bldg., Oakland. $3500 each

STORES
(3769) WEBB AND PARK STS., Alameda. One-story brick stores.
Owner—John Hansen, 1736 Central Av., Alameda.
Architect—None.
Contractor—H. J. Christensen, 505 17th Oakland. $11,800

COAL YARD
(3770) E PARK 60 S Encinal, Alameda Coal Yard.
Owner—Pierson & Swanson, 1324 Park St., Alameda.
Architect—None.
Contractor—E. Randlett. $1500

ADDITION
(3771) FIFTH AND CARLTON STS., Berkeley. Add to machine shop.
Owner—Byron Jackson, Premises.
Architect—None. $3000

DWELLING
(3772) NO. 948 ALAMEDA, Berkeley. One-story 6-room dwelling.
Owner—H. G. Patrick, 1973 Marin Ave., Berkeley.
Architect—None. $5000

SHOP
(3773) NO. 1331 FOURTH ST., Berkeley. One and two-story shop.
Owner—California Ink Co., 3rd and Camelia Sts., Berkeley.
Architect—None.
Contractor—Truscon Steel Co., 709 Mission St., San Francisco. $9000

DWELLING
(3774) NO. 515 FIFTY-SIXTH ST., Oakland. One-story 4-room dwlg.
Owner—H. W. Reeder, 4925 Telegraph Ave., Oakland.
Architect—None.
Contractor—F. A. Andrews, 4923 Telegraph Ave., Oakland. $2950

DWELLING
(3775) NO. 2430 HEARST AVE., Oakland. One-story 4-room dwlg.
Owner—E. T. Mattison, 3629 Laguna Ave., Oakland.
Architect—None. $2800

DWELLINGS
(3776) S FIFTY-NINTH 150, 184 and 218 E Shattuck Ave., Oakland. Three one-story 5-room dwellings.
Owner—L. L. Lucas, 2201 Ashby Ave., Berkeley.
Architect—None. $3000 each

DWELLING
(3777) NW BIRCH HILL DRIVE and Circle Hill, Oakland. One-story 3-room dwelling.
Owner—C. D. Oliver.
Architect—None. $1000

DWELLING
(3778) E SIXTY-NINTH AVE 200 N Flora, Oakland. One-story 6-room dwelling.
Owner—A. Nordhogen, 1392 27th St., Oakland.
Architect—None.
Contractor—E. J. McCord, 1218 E-14th St., San Leandro. $3750

ALTERATIONS
(3779) NO 1444 TWENTY-THIRD AV., Oakland. Alterations.
Owner—Clark Invst. Co., 1520 15th St., Oakland.
Architect—None.
Contractor—J. F. Maganini, 603 36th St., Oakland. $1200

ALTERATIONS
(3780) NO. 1115 WASHINGTON, Oakland. Alterations.
Owner—F. W. Woolworth, Rialto Bldg., San Francisco.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
Samuels Co.
JEWELERS
33 Kearny 895 Market

Architect—None.
Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco. $2500

DWELLING
(3781) NO. 542 E-TWENTY-FIRST St., Oakland. One-story 5-room dwelling.
Owner—Mrs. E. L. Dingley, 1007 Chestnut St., Oakland.
Architect—None.
Contractor—John A. Easterly, Box 2291 R. F. D. No. 1, Oakland. $6600

DWELLING
(3782) NO. 2845 CARMEL ST., Oakland. One-story 4-room dwelling.
Owner—E. M. Jones, Premises.
Architect—None. $2000

DWELLINGS
(3783) NO 2618-2622 THIRTY-FIFTH Ave., Oakland. Two one-story 4-room dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $1800 each

DWELLING
(3784) NO. 1657 EIGHTY-SECOND AV Oakland. One-story 4-room dwlg.
Owner—M. Goodman, 682 14th St., Okd.
Architect—None.
Contractor—Alex F. Marshall Co., 1424 Franklin St., Oakland. $2000

DWELLINGS
(3785) NO. 2756-2760-64-68 SEVENTY-eighth Ave., Oakland. Four one-story 4-room dwellings.
Owner — K. A. Johanson, 2429 13th Ave., Oakland.
Architect—None. $2600 each

DWELLING
(3786)..S HOPKINS 350 E Peralta Ave. Oakland. One-story 4-room dwlg.
Owner—W. W. Clauson, 2945 Geogria St., Oakland.
Architect—None. $2000

FLATS
(3787) N FORTIETH 220 W Webster Oakland. Two-story 16-room flats and garage.
Owner—K. Jenkins.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $13,500

APARTMENTS
(3788) E KINGSLEY 180 N Excelsior Ave., Oakland. Two-story 16-room apartments.
Owner—Wm. G. Mulligan.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland, $12,500

CROSSING
(3789) FOURTEENTH ST., Oakland. All work for plank and concrete crosing.
Owner—Southern Pacific Company.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
Filed Aug 15, '23. Dated July 31, '23.
TOTAL COST—Planking 14c per sq. ft. concrete, 21c per sq. ft.; asphaltum, 3¾c per sq. ft.; excavation, 1.080 per cu. yd.
Bond, $821. Surety, Globe Indemnity Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

CROSSING
(3790) WATKINS ST., Estudillo. All work for plank and concrete crossing.
Owner—Southern Pacific Company.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
Filed Aug. 16, '23. Dated July 31, '23.
Each month 75%
Usual 35 days..... 25%
TOTAL COST—Asphaltum toping, 3¾c per sq. ft.; planking, 14c per sq. ft.; concrete, 21c per sq. ft.; excavation, $1.80 per cu. yd.
Bond, $515. Surety, Globe Indemnity Co. Limitt, 30 days. Forfeit, none. Plans and specifications filed.

PAINTING
(3791) NE TWENTY-SECOND AND Adeline N 250 E 127 S 36-6 E 127 S 213-6 W 254, Oakland. All work for painting three-story warehouse
Owner—John Breuner Co., 15th and Clay Sts., Oakland.
Architect—Reed & Corlett, Oakland Bank Bldg., Oakland.

Contractor — Logstrup & Thomsen, Mountain Blvd., Oakland.
Filed Aug. 15, '23. Dated Aug. 8, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1187
Bond, $594. Surety, Fidelity & Deposit Co. Limit, Oct. 22, 1923. Forfeit, none. Plans and specifications filed.

(3792) ROOFING AND DAMPPROOFing on above.
Contractor—A. K. Goodmundson, 2140 San Pablo Ave., Oakland.
Filed Aug. 15, '23. Dated Aug. 9, '23.
Payments same as above.....
TOTAL COST, $3609
Bond, $1805. Surety, Fidelity & Deposit Co. Limit, Oct. 15, 1923. Forfeit, none. Plans and specifications filed.

(3793) HARDWOOD FLOORS ON above.
Contractor—Royal Floor Co., 180 Jessie St., San Francisco.
Filed Aug. 15, '23. Dated Aug. 9, '23.
Payments same as above.....
TOTAL COST, $16,229
Bond, $8115. Surety, Fidelity & Deposit Co. Limit, Nov. 15, 1923. Forfeit, none. Plans and specifications filed.

(3794) STEEL SASH ON ABOVE.
Contractor—The William Bayley Co., 525 Market St, San Francisco.
Filed Aug. 15, '23. Dated July 3, '23.
Materials delivered 50%
Materials installed 25%
Usual 35 days..... 25%
TOTAL COST, $3978
Bond, $1989. Surety, National Surety Co. Limit, Oct. 5, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
(3795) S STUART 200 W California, Berkeley. One-story 4-room dwlg.
Owner — Justus Norris, 524 17th St., Oakland.
Architect—None. $2000

DWELLING
(3796) NO. 6 CLAREMONT CRESCENT Berkeley. One and one-half-story 5-room dwelling.
Owner—Jas. W. Brazler, 1912 Blake St., Berkeley.
Architect—None. $1000

ADDITION
(3797) NO. 2028 DELAWARE, Berkeley. Addition.
Owner—N. B. Anderson, Premises.
Architect—None. $1000

DWELLING
(3798) E ONE HUNDRED SECOND Ave. 42 S Sunnyside, Oakland. 1-story 5-room dwelling.
Owner—M. Magnani.
Architect—None.
Contractor—E. J. McCord, San Leandro $1000

DWELLING
(3799) N PENNIMAN 200 W High St., Oakland. 1-story 4-room dwelling.
Owner—E. H. Edlund, 4154 Penniman, Oakland.
Architect—None. $1800

ALTERATION
(3800) 1224 CHESTNUT ST., Oakland. Alteration.
Owner—W. J. Grafmiller, 1614 12th St., Sacramento.
Architect—None.
Contractor—James & Blanchard $1400

DWELLING
(3801) S FIFTY-NINTH ST. 385 W Los Angeles, Oakland. 1-story 5-room dwelling.
Owner—H. E. Johnson, San Leandro.
Architect—None. $3500

DWELLING
(3802) W ADELINE ST 100 S 58th St., Oakland. 1-story 5-room dwelling.
Owner—G. H. Noble, Park and Central Ave., Alameda.
Architect—None. $4000

ADDITION
(3803) NE COR. BROADWAY & MOSS Ave., Oakland. Addition.
Owner—Fabiola Hospital, premises.
Architect—None.
Contractor — Jas. H. Pedgrift, 4100 Broadway, Oakland. $2000

DWELLING
(3804) W CONTRA COSTA PLACE 150 N Contra Costa Ave., Oakland. 1-story 5-room dwelling.
Owner—Leslie A. Jackson, 305 Fairmount Ave., Oakland.
Architect—None.
Contractor—H. R. Abrahamson, 41 Yosemite Ave., Oakland. $3980

DWELLING
(3705) E BRUCE 166 S E-38th St., Oakland. 1-story 5-room dwelling.
Owner—Oscar Johnson, 3742 Bruce St., Oakland.
Architect—None. $2750

ADDITION
(3806) 2107 HIGH ST., Oakland. Addition.
Owner—E. K. Feige, premises.
Architect—None.
Contractor—F. H. F Field, 572 62nd St., Oakland. $3233

DWELLING
(3807) 563 CHETWOOD, Oakland. 1-story 5-room dwelling.
Owner—U. S. Mentch, 2233 47th Ave., Oakland.
Architect—None.
Contractor—C. F. Lodge, 5494 Bond St., Oakland. $5000

DWELLING
(3808) 1080 CLARENDON CRESCENT, Oakland. 1-story 6-room dwelling.
Owner—G. W. Muther, 5519 Thomas St., Oakland.
Architect—None. $5000

DWELLING
(3809) 584 ROSAL AVE., Oakland. 1-story 6-room dwelling.
Owner—Robert Parry Jones, 3128 Grove St., Oakland.
Architect—None. $7000

DWELLING
(3810) 1115 WELLINGTON AV., Oakland. 1-story 5-room dwelling.
Owner—L. W. Roth, 4329 Leach Ave., Oakland.
Architect—None. $5000

GREENHOUSE
(3811) 2236 NINETY-SIXTH AVE., Oakland. 1-story greenhouse.
Owner—Matsue Minani, premises.
Architect—None. $1000

DWELLING
(3812) E FIFTY-EIGHTH AVE. 380 S Tevis, Oakland. 1-story 5-room dwelling.
Owner—J. B. Kennedy, 1136 58th Ave., Oakland.
Architect—None. $1800

DWELLING
(3813) S SIXTY-THIRD ST. BETW. California and Sacramento, Oakland. 1-story 5-room dwelling.
Owner—A. H. Carlson, 945 63rd St., Oakland.
Architect—None. $2500

ALT. & ADDITION
(3814) 1975 WARNER AVE., Oakland. Alteration and addition.
Owner — K. Kriletich, 1226 Campbell, Oakland.
Architect—None.
Contractor—E. Brunetti, 1604 94th Ave., Oakland. $1000

DWELLING
(3815) E KENYON ROAD 93 E Circle South, Oakland. 1-story 6-room Oakland.
Owner—P. Duval, 914 E-22nd St., Oakland.
Architect—None. $4800

DWELLING
(3816) 1376 BARROWS ROAD, Oakland. 1-story 6-room dwelling
Owner—W. J. Baker, 2255 Ransome Ave Oakland.
Architect—None. $5000

DWELLING
(3817) N ALTMAN PLACE 250 E Admiral Way, Oakland. 2-story dwlg.
Owner—M. T. Ayers, R. F. D. No. 1, Box 576, Oakland.
Architect—None.
Contractor—J. E. Heryford. $1500

DWELLINGS
(3818) W SIXTY-FIRST AVE. 253 S E-14th St., Oakland;
W SIXTIETH AVE. 273 S E-14th St E SIXTIETH AVE. 40 N East Lawn Oakland. 3 1-story 5-room dwlgs.
Owner—J. G. Hart, 2419 E-20th St., Oakland.
Architect—None. $2750 ea

DWELLING
(3819) NW SANTA CLARA AVE AND Willow W 50xN 140, Alameda All work for two-story and basement frame dwelling.
Owner—Mrs. Ella F. Russell, 2149 Santa Clara Ave., Alameda.
Architect—Frank W. Dakin, 310 California St., San Francisco.
Contractor—Thos. Rutherford, 985 35th St., Oakland.
Filed Aug. 17, '23. Dated Aug. 16, '23.
2nd story joists in place.....$2600
Roof on 2600
Interior plastered 2600
Completed and accepted..... 2739
Usual 35 days..... 3520
TOTAL COST, $14,059
Bond, $7100. Sureties, F. E. Nelson and Henry Drath. Limit, 100 days. Forfeit, $5. Plans and specifications filed.

GARAGE
(3820) NW EIGHTH AVE AND E-Twelfth St., 100x150, Oakland. All work except gas vents, skylight vents, parts depart, counter, sliding sash and dwarf door, and varnish on rooms 1 and 2 for one-story and mezzanine Class C garage.
Owner—H. L. McCoy.
Architect—A. W. Smith, 1010 Broadway, Oakland.
Contractor—Geo. A. Scott, 685 23rd St., Oakland .
Filed Aug. 17, '23. Dated Aug. 15, '23.
Walls 10 ft. high..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $29,500
Bond, $15,500. Sureties, C. M. MacGregor and Alice M. Scott. Limit, Dec. 1, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
(3821) N CLIFTON 137 W. Miles Ave., Oakland. One-story 5-room dwlg.
Owner — Andrew B. Gow, 5668 Ayala St., Oakland.
Architect—None. $3500

DWELLING
(3822) E NINETIETH AVE 132 S E-Fourteenth, Oakland One-story 5-room dwelling.
Owner—John Tiedman, 1440 90th Ave., Oakland.
Architect—None.
Contractor—Griffith & Nickerson, 1323 96th Ave., Oakland. $3250

DWELLING
(3823) SW WOODRUFF AVE AND Hopkins, Oakland. One-story 8-room 2-family dwellirg.
Owner—R. D. Grimes, 355 12th St., Oakland.
Architect—None. $6500

APARTMENTS
(3824) S MANDANA BLVD. 174 W Rand Ave., Oakland. Two-story 12 room apartments
Owner—C. B. Roy, 474 Stow Ave., Oakland.
Architect—None.
Contractor—Diestal & Vezina, 474 Stow Ave., Oakland. $14,000

TRACK
(3825) FIRST ST., Oakland. Construct track.
Owner—S. P. Co.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
Filed Aug. 17, 1923. Dated Aug. 8, 1923.
Each mo. 75%
Usual 35 days 25%
TOTAL COST, $——
Lay, surface and line track (labor only) 80c per track ft.; grading $2 cu. yd.; removing granite curve 38c lin. ft; removing conc. sidewalk 5c sq. ft; renew conc. curb (labor only) 75c lin. ft; renew conc. sidewalk (labor only) 20c sq. ft.; install switches $90 each; placing track crossing (labor only) $200 ea, placing 50 lb. guard rail (labor only) 50c lin. ft; placing derails (labor only) $24 each; plank crossings (labor only) 14c sq. ft.; asphaltum on plank crossings, $.0375 sq. ft.; shift track, 80c track ft.; remove 60-lb. rail and replace with 90-lb. rail, 50c track ft.; reconstruct duct line manholes $220 each.
Bond, $13,900; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 90 days; Plans and specifications filed.

UNDERTAKING PARLOR & APTS.
(3826) NE COR. Adeline & Essex Sts., Berkeley. 2-story and basement frame and tile undertaking parlor and apt. bldg.
Owner—A. J. Hillhouse & William M. Hull, 2901 Grove St., Berkeley.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—F. W. Maurice, 1362 E 25th St., Oakland.
Filed Aug. 18, 1923. Dated Aug. 14, 1923. Payments not specified.
TOTAL COST, $28,000
Bond, Sureties, Forfeit, none; Limit, Dec. 1; Plans and specifications filed.

APARTMENTS
(3827) W LAKESHORE AVE 346 N Rand Ave. being Lot 160 Blk 838, Oakland. All work for two-story apartments and 4 garages.
Owner—Virginia Da Cosse.
Architect—None.
Contractor—Alex F. Marshall Co., 1424 Franklin St., Oakland.
Filed Aug. 18, '23. Dated Aug. 17, '23. Paid by Builders Clearing House checks .....
TOTAL COST, $18,000
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

SHOP
(3828) FOURTH AND HARRISON, Berkeley. One-story mill construction boiler shop.
Owner—Steel Tank & Pipe Co., Prem
Architect—None. $7000

DWELLING
(3829) NO. 1224 TALBOT, Berkeley. One-story 4-room dwelling.
Owner—Marie Rydman, Premises.
Architect—None.
Contractor—H. Rydman, Premises. $1500

DWELLING
(3830) NO. 1111 SPRUCE ST., Berkeley. One-story 5-room dwlg.
Owner—N. I Westen.
Architect—None.
Contractor—C. R. Heath, 2113 University Ave., Berkeley. $4000

DWELLING
(3831) SE ARLINGTON AVE AND Mendocino Path, Berkeley. Two-story 8-room dwelling.
Owner—Mabel M. Bramlage, 367 Alcatraz Ave., Oakland.
Architect—None.
Contractor—E. D. Bramlage, 367 Alcatraz Ave., Berkeley. $10,000

ADDITION
(3832) NO. 2322 VALLEY, Berkeley. Addition.
Owner—M. P. Bowers, Premises.
Architect—None. $1500

DWELLING
(3833) NO. 1126 EUCLID AVE., Berkeley. Two-story 4-room dwelling
Owner—Adeline B. Croyland, Berkeley Inn, Berkeley.
Architect—None.
Contractor — Fox Bros., 1814 Hearst Ave., Berkeley. $3100

DWELLING
(3834) 1751 SIXTY-EIGHTH AVENUE Oakland. 1-story 5-room dwelling.
Owner—W. W. Heltman, 1318 81st Ave., Oakland.
Architect—None. $2300

DWELLING
(3835) W EIGHTY-FIFTH AVE. 225 N Dowling, Oakland. 1-story 5-rm. dwelling.
Owner—Frank Bargagletto, 2350 84th Ave., Oakland.
Architect—None.
Contractor—F. Parker, 1445 89th Ave., Oakland. $2950

DWELLING
(3836) E SIXTY-NINTH AVE 531 S Weld, Oakland. 1-story 4-rm dwlg.
Owner—B. S. Booth, 91 Nova Drive., Oakland.
Architect—None. $2000

DWELLING
(3837) 3715 CARRINGTON, Oakland. 1 story 5-room dwelling.
Owner—T. P. Sanders, 2925 Shattuck Ave., Berkeley.
Architect—None. $3500

DWELLING
(3838) 2327 THIRTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—H. R. Ross, 2544 Humboldt Ave Oakland.
Architect—None.
Contractor—J. W. Sigwald, 3927 Agua Vista Oakland. $4000

ALTERATIONS
(3839) 1028 THIRTY-THIRD AVENUE Oakland. Alterations.
Owner—Mrs. D. Osborne, 4511 Walnut Ave., Oakland.
Architect—None.
Contractor—H. T. McCarter, 2551 60th Ave., Oakland. $2550

DWELLING
(3840) 1728 EIGHTY-FOURTH AVE., Oakland. 1-story 6-room dwlg.
Owner—J. C. Pearce, 8906 E-14th St., Oakland.
Architect—None. $3800

ELEVATORS
(3841) SIXTEENTH & BDWY., Oakland. Elevators.
Owner—Kahn Bros., Inc.
Architect—E. W. Cannon, Central Bank Bldg., Oakland.
Contractor—MacDonald & Kahn., Tapscott Bldg., Oakland. $35,000

DWELLING
(3842) S SIDE AND ADJOINING A F Hockenbeamer residence, 731 Arlington Ave., Berkeley. 2-story and basement frame dwelling and garage except brick, lath, plaster, tile, elec., plumbing, painting, papering, heating, fin. hdw., elec. fix., hardwood floors, ornamental iron, and shades.
Owner—J. C. Westphal, 102 Clay, Berkeley.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—Otto Mallonen, 5030 Dover St., Oakland.
Filed Aug. 20, 1923. Dated June 28, 1923
Foundation & grading comp.....$1395
Framed 1395
Ready for plaster 1395
Cases in place 1395
Completed and accepted 1395
Usual 35 days 2325
TOTAL COST, $9300
Bond, Sureties, None; Forfeit, $5 day; Limit, without delay; Plans and specifications filed.

(3843) PAINTING ON ABOVE.
Contractor—A. Van Heerden Co., 6250 College Ave., Oakland.
Filed Aug. 20, 1923. Dated June 28, 1923
Half completed $484
Completed and accepted 484
Usual 35 days 324
TOTAL COST, $1292
Bond, $646; Sureties, H. H. Proctor and C. J. Pijken; Forfeit, $5 day; Limit, without delay; Plans and specifications filed.

(3844) LATHING AND PLASTER ON above.
Contractor—T. Glemme, Oakland.
Filed Aug. 20, 1923. Dated June 28, 1923
Brown coated $581
Completed and accepted 581
Usual 35 days 388
TOTAL COST, $1550
Bond, Sureties, none; Forfeit, $5 day; Limit, without delay; Plans and specifications filed.

(3845) BRICK WORK ON ABOVE.
Contractor—Charles Chubb, 1932 Linden, Oakland.

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Filed Aug. 20, 1923. Dated June 28, 1923
Half completed $248
Completed and accepted 248
Usual 35 days 167
TOTAL COST, $663
Bond, Sureties, none; Forfeit, $5 day; Limit, without delay; Plans and specifications filed.

(3846) ELECTRIC WORK ON ABOVE.
Contractor — Spott Electric Co., 2155 Broadway, Oakland.
Filed Aug. 20, 1923. Dated June 28, 1923
Roughed in $100
Completed and accepted 100
Usual 35 days 67
TOTAL COST, $267
Bond, Sureties, none; Forfeit, $5 days; Limit, without delay; Plans and specifications filed.

(3847) PLUMBING AND SEWERING on above.
Contractor—A. M. Fearey, 4377 Adeline, Oakland
Filed Aug. 20, 1923. Dated June 28, 1923
Roughed in $511
Completed and accepted 511
Usual 35 days 341
TOTAL COST, $1363
Bond, Sureties, none; Forfeit, $5 day; Limit, without delay; Plans and Specifications filed.

STORES
(3848) SW BANCROFT AND ELLSworth, Berkeley. One-story 5-room concrete stores.
Owner—F. F. Romie, 418 Newton Ave., Oakland.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—Leslie R. Wilson, 2216 Blake St., Berkeley. $15,000

DWELLING
(3849) NO. 1960 YOSEMITE, Berkeley. One-story 6-room dwelling.
Owner—Oscar I Runnels, 2133 University Ave., Berkeley.
Architect—None. $7000

GARAGE
(3850) NO. 2430 DWIGHT WAY, Berkeley. One-story Class C garage.
Owner—Dang & Muldoon.
Architect—None.
Contractor—J. P. Brennan, 2110 Shattuck Ave., Berkeley. $10,000

DWELLING
(3851) W HIGH 37 S Allendale, Oakland. One-story 5-room dwelling.
Owner—Jos. Halston.
Architect—None.
Contractor—C. H. Graham, 1607 High St., Oakland. $3500

DWELLING
(3852) NO. 3443 SHEFFIELD AVE., Oakland. One-story 5-room dwlg.
Owner—C. Christensen, 3414 Sheffield Ave., Oakland.
Architect—None. $2600

DWELLING
(3853) N BROOKDALE AVE 120 W Renwick, Oakland. One-story 5-room dwelling.
Owner—G. R. Johannessen, 840 45th St., Oakland.
Architect—None. $4000

ALTERATIONS
(3854) NO. 2236 MYRTLE ST., Oakland. Alterations.
Owner—Chas. Riskin, 1300 Myrtle St., Oakland.
Architect—None.
Contractor — R. C. Clay, Rex Hotel, Oakland. $1000

DWELLING
(3855) S SIXTY-FIRST 200 E Occidental, Oakland. One-story 4-room dwelling.
Owner—A. Hammarberg, 743 Alcatraz Ave., Oakland.
Architect—None. $3000

APARTMENTS
(3856) S FORTIETH 350 E West St., Oakland. Two-story 12-room apartments and garage.
Owner—D. N. Fraser.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. $15,000

DWELLING
(3857) NO. 2351 E-TWENTY-THIRD St., Oakland. One-story 5-room dwelling.
Owner—A. J. McNaughton, 2332 E-23rd St., Oakland.

Architect—None
Contractor—A. J. McPhee, 2144 E-27th St., Oakland. $4000

DWELLING
(3858) NO. 30 ALVARADO COURT, Oakland. Two-story 7-room dwlg.
Owner—W. W. Naylor, 3525 Durant Ave., Berkeley.
Architect—None.
Contractor—A. H. Hendricksen, 6458 Raymond St., Oakland. $6000

DWELLINGS
(3859) NO. 3903-05 MIDVALE AVE., Oakland. Two one-story 4-room dwellings.
Owner—Jonathan Mills, 756 7th St., Oakland.
Architect—None. $1800 each

DWELLING
(3860) N MERRILL 145 E Green Acre Road, Oakland. One-story 4-room dwelling.
Owner—A. Berryman, 4527 Tulip St., Oakland.
Architect—None. $1500

DWELLING
(3861) NO. 2401 HARRINGTON AVE., Oakland. One-story 5-room dwelling.
Owner—I. E. Close.
Architect—None.
Contractor—A. E. Orton, 6800 Trenor St., Oakland. $3000

ALTERATIONS
(3862) NO. 3601 WEST ST., Oakland. Alterations.
Owner—E. T. Leiter, Premises.
Architect—None. $1000

DWELLING
(3863) NO. 1000 FIFTY-NINTH ST. (rear), Oakland. One-story 3-room dwelling.
Owner—Mrs. C. Fiegler, 800 59th St., Oakland.
Architect—None.
Contractor—Jensen & Pedersen. $2600

DWELLING
(3864) NO. 1742 SIXTY-SEVENTH Ave., Oakland. One-story 5-room dwelling.
Owner—F. H. Parker, 1127 8th Ave., Oakland.
Architect—None. $3800

DWELLING
(3865) N GLENWOOD GLADE 170 E Broadway Terrace, Oakland. One-story 6-room dwelling.
Owner—W. W. Eckley, 1590 Alice St., Oakland.
Architect—None.
Contractor — C. M. Norgrove, 2220 Roosevelt Ave., Berkeley. $4200

DWELLINGS
(3866) NO 5421-5585-5415 MANILA Ave., Oakland. Three one-story 7-room dwellings.
Owner—Geo. H. Hollidge, 5926 Taft Ave., Oakland.
Architect—None. $5000 each

ADDITION
(3867) 6168 OCEAN VIEW DRIVE, Oakland. Addition.
Owner—Mrs. J. Maclulich, premises.
Architect—None.
Contractor—Ben Pearson, 2103 Grant St., Berkeley. $1900

ADDITION
(3868) 6801 E-FOURTEENTH ST., Oakland. Addition.
Owner—Garrett Lumber Co., premises.
Architect—None. $1000

DWELLING
(3869) 6091 ROCKRIDGE BLVD., Oakland. 1-story 6-room dwelling.
Owner—H. W. McIntier, 1528 Franklin St., Oakland.
Architect—None. $4900

DWELLING
(3870) E VALLE VISTA 105 N Elwood Oakland. 2-story 9-room dwelling.
Owner—E. S. Johnston, 1110 Grand Ave. Oakland.
Architect—None. $6500

DWELLING
(3871) W SIXTY-EIGHTH AVE. 410 N Arthur, Oakland. 1-story 5-room dwelling.
Owner—F. W. Preston.
Architect—None.
Contractor—C. A. Birch, 300 13th St., Oakland. $3000

STORE & FLAT
(3872) E FAIRFAX AVE. 200 N Bond St., Oakland. 2-story 6-room store and flat.
Owner—D. A. Marsan.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $6000

DWELLING
(3873) W MONTGOMERY ST. 70 S John St., Oakland. 1-story 6-room dwelling.
Owner—Jas. H. Young, 4174 Emerald St., Oakland.
Architect—None. $4000

DWELLING
(3874) W SIXTY-THIRD AVE. 400 S E-14th St., Oakland. 1-story 5-rm. dwelling.
Owner—Wm. Hocken, 1339 63rd Ave., Oakland.
Architect—None. $2300

DWELLING
(3875) E BROOKWOOD RD. 102 S Trestle Glen Rd., Oakland. 1-story 6-room dwelling and garage.
Owner—Mrs. J. B. Matthews.
Architect—None.
Contractor — A. Frederick Anderson, 2800 Delaware St., Oakland. $6500

DWELLING
(3876) N MADERA 100 E Kingsland, Oakland. 1-story 4-room dwelling.
Owner—Miss G. MacInnis, 2910 Telegraph Ave., Oakland.
Architect—None.
Contractor—McWethy & Greenleaf 2910 Telegraph Ave., Oakland. $4000

DWELLING
(3877) 1321 BATES ROAD, Oakland. 1-story 6-room dwelling.
Owner—W. J. Baker, 2255 Ransome Av., Oakland.
Architect—None. $5000

DWELLINGS
(3878) E HAVENSCOURT BLVD. 350 390 440 N Arthur;
NW COR. SIXTY-FIFTH AND Avenal Ave.;
NE COR. SIXTY-SIXTH AVE. & Arthur St., Oakland. 5 1-story 5-room dwellings.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St. Oakland. $3200 each

DWELLING
(3879) NO. 201 HIGHLAND AVE., Piedmont. Two-story 8-room dwelling and garage.
Owner—Coit Investment Co., 300 14th St., Oakland.
Architect—None.
Contractor—Roger Coit, 300 14th St., Oakland. $8000

DWELLING
(3880) NO. 98 RAMONA AVE., Piedmonth. One-story 5-room dwelling and garage.
Owner—R. M. Myers, 33 Estrella Ave., Piedmont.
Architect—None. $5500

DWELLING
(3881) NO. 248 OAKMOUNT AVE., Piedmont. Two-story 5-room dwelling.
Owner—Ben M. Fillmore, 181 Vernon Terrace, Oakland.
Architect—None.
Contractor—E. M. Smith, 181 Beverly Road, Oaakland. $5200

DWELLINGS
(3882) NO. 46 AND 48 OLIVE AVE., Piedmont. Two one-sory 5-room dwellings and garages.
Owner—L. Johnson & Son, 223 Greenbank Ave., Piedmont.
Architect—None. $3500 each

RESIDENCES
(3883) NO. 50 AND 52 OLIVE AVE., Piedmont. Two one-story 5 and 6-room residences and garages.
Owner—L. Johnson & Son, 233 Greenbank Ave., Piedmont.
Architect—None. $3750 each

RESIDENCE
(3884) NO. 67 SPRING AVE., Piedmont. One-story 5-room residence and garage.
Owner—H. E. Thompson, 458 Lakeshore Blvd., Oakland.
Architect—None. $4500

DWELLINGS
(3885) NO. 1006-02-08-10 TAYLOR AV. Alameda. Four one-story 5-room dwellings.
Owner — Herman Hallensleben, 731 Taylor Ave., Alameda.
Architect—None. $3750 each

DWELLING
(3886) NO. 473 LINCOLN AVE., Alameda. One-story 3-room dwelling
Owner—H. G. Mehrtens, 1536 Webster St., Alameda.
Architect—None.
Contractor—A. S. Holmes, 417 Montgomery St., San Francisco. $2400

DWELLINGS
(3887) NO. 1024-26 SAN ANTONIO AV Alameda. Two one-story 6-room dwellings.
Owner—J. J. Gooden, 2901 Santa Clara Ave., Alameda.
Architect—None. $4000 each

DWELLING
(3888) NO. 2042 SAN JOSE AVE., Alameda. One-story 5-room dwelling.
Owner—Edith H. Nunecker, 931 Chestnut St., Alameda.
Architect—None.
Contractor—W. G. Vollmer, 1183 Regent St., Alameda. $4500

DWELLINGS
(3889) NO. 756 HAIGHT AVE & NO. 1507 LINCOLN AVE., Alameda. Two one-story 4-room dwellings.
Owner—H. G. Mertens.
Architect—None.
Contractor—H. Williford, 3265 Central Ave., Alameda. $ 2800 each

DWELLING
(3890) NO. 1214 JOSEPHINE ST., Berkeley. One-story 5-room dwlg.
Owner—D. Campbell, 2412 Oregon St., Berkeley.
Architect—None. $3000

DWELLINGS
(3891) NO. 1415-1417-1421 KAINS, Berkeley. Three one-story 4-room dwellings.
Owner—A. W. Peterson, 1262 N-Union St., Stockton.
Architect—None.
Contractor—E. J. Wallstrom, 600 W-Main St., Turlock. $3000 each

DWELLING
(3892) NO. 1940 THOUSAND OAKS Blvd., Berkeley. Two-story 8-room dwelling.
Owner—Lester Scheeline.
Architect—None.
Contractor—Mason McDuffie Co., Shattuck and Addison, Berkeley. $10,000

DWELLING
(3893) NO. 2545 HILLGARD, Berkeley. One-story 6-room dwelling.
Owner—John E. Higelow, 2234 Atherton St., Berkeley.
Architect—None. $4000

DWELLING
(3894) NO. 1421 EDITH, Berkeley. One and one-half-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $4000

DWELLING
(3895) E DIVISION ST. 495 S Hampel, Oakland. 1-story 5-room dwlg.
Owner—W. W. Landgrebe, 2829 Minna Ave., Oakland.
Architect—None. $3000

DWELLINGS
(3896) 2706 2712 SIXTY-EIGHTH AVE Oakland. 2 1-story 5-room dwlgs.
Owner—J. F. Patterson, San Pablo Hotel, Oakland.
Architect—None. $4000 ea.

DWELLING
(3897) 5666 LOS ANGELES, Oakland. 1-story 4-room dwelling.
Owner—F. E. Clarke, 1st Natl. Bank Bldg., Oakland.

Architect—None.
Contractor—C. A. Pratt, 1305 Filbert St., Oakland. $2500

DWELLING
(3838) E LAKESHORE AVE. 500 N Ranleigh Way, Oakland. 1-story 6-room dwelling.
Owner—J. Birmingham, 900 Lakeshore Ave., Oakland.
Architect—None.
Contractor—F. F. Malley 900 Lakeshore Ave., Oakland. $5000

ADDITION
(3899) 5105 SHAFTER AVE., Oakland. Additon.
Owner—A. Garberino, premises.
Architect—None.
Contractor — P. Benassini, 5111 Miles Ave., Oakland. $1000

DWELLINGS
(3900) W CHABOLYN TERRACE 120 140 180 N Chabot Road, Oakland. 3 1-story 6-room dwellings.
Owner—E. E. Carpenter, 2507 Channing Way, Berkeley.
Architect—None. $4250

DWELLING
(3901) N E-THIRTY-SECOND ST 126 E 14th Ave., Oakland. 1-story 5-room dwelling.
Owner—A. J. Agrella, 1512 78th Ave., Oakland.
Architect—None. $3500

BAKERY
(3902) W CAMPBELL ST. 100 S 7th St., Oakland, 1-story brick bakery.
Owner—Theo. Spiropulus, 1651 7th St., Oakland.
Architect—None.
Contractor—J. J. Hauri, 822 56th St., Oakland. $6800

PAINT APTS.
(3903) 159 LAKE ST., Oakland. Paint apartments.
Owner—F. T. Blake.
Architect—None.
Contractor—Cros. Matthew.
Filed Aug. 21, 1923. Dated —.
Completed and accepted $705
TOTAL COST, $705
Bond, $350; Sureties, W. E. Cook and M. Schoonmaker; Forfeit, Limit, none; Plans, none; Specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Aug. 16, 1923—LOT 26 Map Heights Tract, Oakland. Arthur E Clark to Alder & Clark .....Aug. 13, 1923
Aug. 16, 1923—NO. 3401-09 TELEGRAPH Ave., Oakland. Walter G Hall and Emilie H Buhs to J Chester Ballard.....Aug. 9, 1923
Aug. 16, 1923—S 49.8 LOT 28 BLK A Map Elmwood Park, Berkeley. B Cianciarulo to John Perona.....August 16, 1923
Aug. 17, 1923—LOTS 26 AND 27 BLK 5 Map R-Sub Hollywood Tract, Oakland. G R Blasingame to whom it may concern.....Aug. 17, 1923
Aug. 17, 1923—NW TENTH & MADISON 40x100, Oakland. Fred E Adams to Harry C Knight.....August 17, 1923
Aug. 17, 1923—S FLEMING AVE., het. 55th and Seminary Ave., Oakland. Frank Owen to Walter B Dickie.....August 17, 1923
Aug. 17, 1923—NO. 5627 FLEMING Ave, Oakland. Frank Owen to Walter B Dickie.....Aug. 17, 1923
Aug. 18, 1923—E RECARDO AVE 42 S Arroyo Ave S 42xE 125, Piedmont. Helen J Wilson to C T Stout.....August 16, 1923
Aug. 18, 1923—NE 18-9 LOT 18 and SW 12½ Lot 19 Blk 6, Havenscourt, Oakland. Blanche H Buckley to C P Pond.....Aug. 15, 1923
Aug. 18, 1923—SW TWENTY-THIRD Ave and E-15th, Oakland. Henry J Kuhhmeyer and Allen E King to whom it may concern..Aug. 15, 1923
Aug. 18, 1923—N WISCONSIN 200 W Laurel, Oakland Thomas F Gallagher to H L Valleroy.Aug. 17, 1923
Aug. 18, 1923—PTN LOTS 1 AND 2 Blk "B" Map Annex to Ramos Bungalow Park, ——. Frank Ramos and Brother to whom it may concern.....August 6, 1923
Aug. 18, 1923—S HOLWAY 448 W 62d Ave 37x100, Oakland. D W Parks to whom it may concern.Aug 18, 1923
Aug. 17, 1923—PTN LOTS 15 AND 16 Blk "C" Map Piedmont Knoll, Oakland. H H and Alvaretta S Leonard to Alfred Peterson.....Aug. 10, 1923
Aug. 17, 1923—W TERRACE 85.14 S Mather N 85.14 SW 150 E 127, Oakland. Myron M Routt to Alex F Marshall.....Aug. 17, 1923
Aug. 20, 1923—SW CORNER SIXTY-fourth & Doyle Sts., W 250 S 107 Emeryville. Detroit Steel Products Co. to Adam Arras Co. ..Aug. 11, 1923
Aug. 20, 1923—NW 22.50 LOT 2 ALL Lot 3 & SE 3 Lot 4 Blk 23 Boulevard Park, Oakland. R. E. Reeves to G N White.....Aug. 17, 1923
Aug. 20, 1923—LINCOLN AVE AND East Alameda, Loop, Alamed. S. P. Co. to Hutchinson Co. ..Aug. 13, 1923
Aug. 20, 1923—PTN LOT 27 BLK 7 Map Boulevard Park, Oakland. A. D. Gordon to whom it may concern.....Aug. 18, 1923
Aug. 20, 1923—1—SW ELEVENTH & Washington Sts. W 90 S 34; 2—W Washington St. 34 S 11th St. W 90 S 10, Oakland. Whitthorne & Swan to William Knowles....Aug. 18, 1923
Aug. 20, 1923—N FORTY-THIRD ST. 140 E West St E 50 N 100, Oakland. Howard J. Cruz to Thos Rutherford .....May 14, 1923
Aug. 21, 1923—5422 SHAFTER AVE., Oakland. Maud Green Bowles by Mary E Green to whom it may concern.....August 18, 1923
Aug. 21, 1923—SW SHATTUCK AVE and Dwight Way, Berkeley. G A Mattern to Walter Sorensen.....August 18, 1923
Aug. 21, 1923—SE TWELFTH AVE and E-22nd 40x80, Oakland. H W McIntier to whom it may concern.....July 20, 1923
Aug. 22, 1923—S PRINCETON 360 E Fairfax Ave E 40xS 110, Oakland. T Legris to whom it may concern .....August 22, 1923
Aug. 22, 1923—U. C. GROUNDS, Berkeley. Regents of U. C. to I M Sommer.....Aug. 17, 1923
Aug. 22, 1923—PTN LOTS 21, 22 AND 23 Blk 1. Clifton Park, Oakland. Sarah A Surface to J W Krafft.....August 21, 1923
Aug 22, 1923—LOT 10 BLK 12 Amended Map Central Park, Berkeley. Ellen L and Nellie Hayes to whom it may concern.....Aug. 21, 1923
Aug. 22, 1923—LOT 22 BLK 6, Map Berkeley Heights, Berkeley. Richard Perrott to whom it may concern.....August 21, 1923
Aug. 22, 1923—LOT 7 BLK "E" Maxwell Park, Oakland. Arthur Bard & Co to whom it may concern.....July 14, 1923
Aug. 22, 1923—LOT 9 BLK "E" Maxwell Park, Oakland. Arthur Bard & Co to whom it may concern.....July 14, 1923
Aug. 22, 1923—LOA 9 BLK "E" Maxwell Park, Oakland. Arthur Bard & Co to whom it may concern.....July 14, 1923
Aug. 22, 1923—LOT 11 BLK "E" Maxwell Park, Oakland. Arthur Bard & Co to whom it may concern.....July 14, 1923
Aug 22, 1923—LOT 13 BLK "E" Maxwell Park, Oakland. Arthur Bard & Co to whom it may concern.....July 14, 1923
Aug. 22, 1923—LOT 15 BLK "E" Maxwell Park, Oakland. Arthur Bard & Co to whom it may concern.....July 14, 1923
Aug. 22, 1923—LOT 17 BLK "E" Maxwell Park, Oakland. Arthur Bard & Co to whom it may concern.....July 30, 1923
Aug. 22, 1923—LOT 5 BLK "F" Maxwell Park, Oakland. Arthur Bard & Co to whom it may concern.....August 15, 1923
Aug. 22, 1923—LOT 5 BLK "E" Maxwell Park, Oakland. Arthur Bard & Co to whe mit may concern.....July 14, 1923
Aug. 22, 1923—NO. 2662 KINGSLAND Ave., Oakland. C M Costa to J W Merritt.....August 20, 1923
Aug. 21, 1923—LOT 6 G. W. Emmons Tract, Alameda. Hale H Luff to Thos A Cuthbertson....Aug. 10, 1923
Aug. 14, 1923—N HOPKINS 50 W Fruitvale Ave 30x75, Oakland. James M Lekas to Mauri & Wierk .....August 1, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Accepted

Aug. 17, 1923—W PARK VIEW TERrace 100.95 N Grand Ave N 63.69 NW 132.24 SW 53 SE 167.56, Oakland. Carl T Doell vs F E Osborne $300.56
Aug. 17, 1923—SE SUNNYSIDE DR 683 NE E-14th NE 40 SE 179 74 SW 40 NW 179.77, San Leandro. Jess A Leite vs Henry R Vall and Maria G Avellar $160.16
Aug. 17, 1923—SE SUNNYSIDE DR 323 NE E-14th NE 40 SE 180.02 SW 40 NW 180.05, San Leandro. Jess A Leite vs Henry R Vall and Maria G Avellar $167.42
Aug. 17, 1923—N RUSSELL 60 E Pine Path E 40xN 150, Berkeley. P A Anderson and F E Nelson (Nelson Lumber Co) vs G Johanson, N and Gabrielle Woodworth $726.65
Aug. 17, 1923—NO 465 BRENNON ST., Oakland. F E Gold vs Sophie H Truman, E E Kennedy and Mary Posey $208.50
Aug. 18, 1923—SE RITCHIE AND Ney Aves, Oakland. Eureka Mill & Lumber Co vs Samuel and Emma Le Fevre, Cosmopolitan Mutual Building & Loan Assn, R C Bitterman and Wilson S Gould Trustees $268 87
Aug. 18, 1923—W NINTH AVE 140 N E-22nd N 60xW 150, Oakland. Eureka Mill & Lumber Co vs H D Bacon, Jane Doe Bacon and Samuel Le Fevre $374.80
Aug. 18, 1923—E PIEDMNOT AVE 156 N 41st N 32.5xE 100, Oakland. Eureka Mill & Lumber Co vs J S and Jane Doe Panosian and Fred Peters $952.74
Aug. 18, 1923—S TRENOR 200 E 69th Ave., Oakland. E L Blackman Co vs C R Schmidt $582,14
Aug. 18, 1923—LOT 45 BLK 835, Snyder's Piedmont Terrace-by-the-Lake, Oakland. Suuset Lumber Co vs A P Bendel and Mervin P Rose $720.26
Aug. 18, 1923—NE E-FOURTEENTH and Dutton Ave E 40xN 60, San Leandro. W P Fuller & Co vs G Marini $634.22
Aug. 18, 1923—LOT 24 and Ptn Lot 25 Blk 18 Map Lakeshore Highlands, Oakland. W E Stevens vs William Anderson $137
Aug. 20, 1923—PTN LOT 1 BLK 10 Boulevard Park Tract, Oakland. Joseph Sehrs vs T. J. Burke and T. P. Sanders $120
Aug. 22, 1923—E WASHINGTON 50 S Eighth S 75xE 75, Oakland. W P Fuller & Co vs J Meyer.....$350.39
Aug. 22, 1923—E BROADWAY 84 S Nineteenth S 156 E 150 N 35-4 E 7-4 N 4-8 W 7-4 N 200 W 50 S 84 W 100, Robert E Sheridan vs Broadway Bldg Co., J Andrews & Joseph Z Leov.....$1076
Aug. 22, 1923—S SANTA CLARA AV 110 E Morton E 40xS 140, Alameda W J Clements vs Fred S and Edith Sarah Collier.....$217.43

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Aug. 15, 1923—LOT 2 BLK "C" Map Foothill Park Tract, Oakland. Melrose Lumber & Supply Co to Mrs. M A Sohncke.....$1214.02

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Aug. 16, 1923—PTN LOT 2 BLK "S" Revised Map Oakland Heights, Oakland Frederick Dubovsky to Bertha Grave $133.33
Aug. 21, 1923—LOT 45 BLK 835 Map Snyders Piedmont Terrace-by-the-Lake, Oakland. Sunset Lumber Co to A P Bandel et al $720.26
Aug. 22, 1923—LOT 4 BLK "D" Map Linda Park Tract, Oakland Sunset Lumber Co to John Krafuss et al $1098.68

Notice of Non-Responsibility

ALAMEDA COUNTY

Aug. 16, 1923—LOT 6 BLK 13, Map Broadmoor, San Leandro. Broadmoor Improvement Co as to improvements on property.....
Aug. 20, 1923—PT 52 FROM S ATHens Ave & San Pablo Ave S 40 thence at right angle 185 right angles 92 E 85 right angles 52 E to pt begin, Oakland. W. H. Donahue as to improvements on property.....
Aug. 20, 1923—PT 26 S OF SW COR San Pablo & Athens Ave. S 26 W 100, Oakland. Joseph M. Lopez as to improvements to property.....
Aug. 21, 1923—NW E-TWELFTH & Fifteenth Ave 75x140, Oakland. T Tum Suden Mercantile Co. as to improvements on property.....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2500 and Over Reported

FLATS (2), one-story 5-rooms and garage, $7000; No. 2700 O St, Sacramento; owner, Mrs. R. Trengore; contractor, R. M. Smith, 2633 30th St., Sacramento.
ADD to railroad shop, $61,780; Sacramento; owner, W. P. R. R. Co.; contractor, Wm. Murcell, 527 Ochsner Bldg., Sacramento.
SALESROOM building, one-story, $31,198; No. 1400 K St., Sacramento; owner, F. F., R. L. & G J. Ochsner Ochsner Bldg., Sacramento; architect, E. C. Hemming, Ochsner Bldg. contractor, Wm. Murcell, Ochsner Bldg., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 3146 2nd Ave., Sacramento; owner, Sam Preitkis, 2940 34th St., Sacramento.
DWELLING, one-story 6-room and garage, $4300; No. 3733 6th Ave, Sacramento; owner, L. M. Jones; contractor, G. Snyder, Rte. 2, Box 1645, Sacramento.
DWELLING, one-story 5-room and garage, $4850; No. 3701 H St., Sacramento; owner, J. G. Black, 1330 P St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacramento.
DWELLING, 1-story 5-room, $4500; No. 3709 H Sst. Sacramento; owner, J. G. Black, 1330 P St., Sacto; contractor, Thos. B. Hunt, 2926 S St., Sacramento.
DWELLING, one-story 5-room and garage, $4000; No. 831 41st St., Sacramento; owner, L. J. Miller, 1080 Santa Ynez St., Sacramento.
INSTALL clothing store, $3000; No. 922 K St., Sacramento; owner, Mrs. Evans, Hotel Land, Sacramento; contractor, J. H. Wijgant, 1364 41st St., Sacramento.
DWELLING, one-story 5-room and garage, $2500; No. 1465 47th St., Sacramento; owner, C. E. Wright, 817 J St., Sacramento.
STORE building, one-story, $26,360; No. 1313-19 Y St., Sacramento; owner, Mrs Edith B. Dierssen, 812 9th St., Sacramento; contractor, Geo. D. Hudnutt.
DWELLING, one-story 5-room, $4900; No. 1014 29th St., Sacto.; owner, Geo. Milonas, 920 29th St., Sacramento; contractor, F. Maloney, 3172 T St., Sacramento.
DWELLING, one-story 4-room and garage, $2500; No. 1633 48th St., Sacramento; owner, Edwin Bimrose, 1321 X St., Sacramento; contractor, O. H. Moore, 2922 35th St., Sacto.
DWELLING, 1-story 5-room and garage, $2500; No. 3864 3rd Ave., Sacramento; owner, O. H. Moore, 2922 35th St., Sacramento.
DWELLING, 1-story 5-room and garage, $2500; No. 3870 3rd Ave., Sacramento; owner, O. H. Moore, 2922 35th St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 2221 17th St, Sacramento; owner, M. Lund, Stockton Blvd., Sacramento; contractor, Rowen & Son, 1816 F St., Sacto.
DWELLING, 2-story 7-room and garage, $6400; No. 1101 41st St., Sacramento; owner, L. J. Skirming, 1017 17th St., Sacramento; contractor. G. B. Stahl, 3008 I St., Sacramento.
DWELLING, 1-story 5-room and garage, $2750; No. 3549 Folsom St., Sacramento; owner, J. T. Obenchain, General Delivery, Sacramento; contractor, H. Buck, 916 17th St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 2700 V St., Sacramento; owner, Alpine Constr. Co.
DWELLING, one-story 5-room and garage, $2950; No. 432 42nd St., Sacramento; owner, Sacramento Bldg. Invst. Corp.; contractor, E. R Beebe, 916 38th St., Sacramento.
DWELLING, one-story 5-roo mand garage, $2950; No. 540 42nd St., Sacramento; owner, Sacramento Bldg. Invst Corp.; contractor, E. R. Beebe
DWELLING, one-story 5-room and garage, $2700; No. 4125 F Burlingame Terrace; owner, Sacramento Bldg. Invst. Corp.; contractor, E. R. Beebe.
BUILDING, 9-story and basement, $1,200,000; No. 1123 L St., Sacramento; owner, Hotel Senator Corp., 504 Nicholaus Bldg.; architect, MacDonald & Couchot, 234 Pine St., San Francisco; contractor, Cahill Bros., 110 Sutter St., San Francisco.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Aug. 13, 1923—LOT 2227, Elmhurst. G P Beere to whom it may concern .....Aug 9, 1923
Aug. 15, 1923—LOT 15, Buena Vista, Sacramento. Sonoma A Klees to whom it may concern...Aug. 9, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Aug. 10, 1923—LOT 3 BLK "E," Fairmond. Sacramento Hardwood Floor Co vs H F DeLuca and D E Houghton $155
Aug. 10, 1923—LOT 3 BLK "E," Fairmond. William A Rapp & Co vs Henry F and Josephine E DeLuca (ux) $27.30
Aug. 17, 1923—LOT 3 BLK "E," Fairmond. J M Bowen vs Henry F and Josephine E DeLuca.....$109.79

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

$2500 and Over Reported

RESIDENCE, $4750; 1835 Carmel; owner, T. E. Williamson, San Juan and W Park Ave., Stockton.
RESIDENCE, $3500; 1035 South American, Stockton; owner, Charles Curtis, 1135 S American, Stockton.
RESIDENCE, $4350; 1703 South Grant, Stockton; owner, V. Pellegri.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Aug. 16, 1923—LOT 4 BLK "J" Sunset. Wm. J Duff to V. D Valio.....August 14, 1923

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING and garage, $5800; No. 619 Normal Ave., Fresno; owner, O. Moore.
DWELLING and garage, $4500; No. 705 Farris Ave., Fresno; owner, Wm. Ellis.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Amount
Aug. 15, 1923—LOT 5 BLK 27, Hazelwood. A G Atamian to H B Zerorian .....Aug. 14, 1923
Aug. 15, 1923—LOT 1 BLK 34, Alta Vista Tract, Fresno. Herman E De Pew to whom it may concern. .....August 11, 1923
Aug. 15, 1923—LOTS 47, 48 BLK 6, Roeding Addition. W H Ross to whom it may concern..June 12, 1923
Aug. 15, 1923—W ½ and S ½ of E ½ Lot 18, Elmore Tract, Fresno. J A Whitaker to whom it may concern .....August 11, 1923
Aug. 16, 1923—LOTS 17 AND 18 BLK 2, Boone Tract, Fresno. Central Bldg Co to whom it may concern.. .....August 13, 1923
Aug. 17, 1923—LOTS 11 AND 12 BLK 54, Firebaugh. Malanca Bruno to whom it may concern..Aug 14, 1923
Aug 21, 1923—E 40 FT. LOT 2 BLK 96, Sierra Vista Addition No. 5, Fresno. Jas A Wathen to whom it may concern.....Aug. 14, 1923

LIENS FILED.

FRESNO COUNTY

Recorded Amount
Aug. 15, 1923—LOTS 11, 12 BLK 2, Normal Vista, Fresno. Sunset Lumber Co vs D H Bolton.....$976
Aug. 15, 1923—LOTS 9 AND 10 BLK 59, Fowler. Fowler Lumber Co vs First National Bank of Fowler and Y Honda $1014
Aug. 16, 1923—NE 5 ACRES OF SW ¼ of Sec. 11, 14-20, Fresno. Kutner-Goldstein Co vs Alma Pearson $215
Aug. 16, 1923—LOT 1, Parlier Industrial Tract, Fresno. Western Lumber Co vs D Kellerman & Sons and Parlier Winery $3138
Aug. 16, 1923—LOTS 36 AND 37 BLK 2, Maywood Add'n, Fresno. Routt Lumber Co vs Walter B Berton and W H Say.....$135
Aug. 16, 1923—LOTS 1 AND 2 BLK 4, Torrence Terrace, Fresno. Routt Lumber Co vs C S Goodenough and Mary Torrence $790
Aug. 16, 1923—LOTS 6 AND 7 BLK 4, Torrence Terrace, Fresno. Routt Lumber Co vs C S Goodenough and Mary Torrence.....$772
Aug. 17, 1923—LOTS 7 TO 13 BLK 2, Belmont Heights, Fresno. Routt Lumber Co vs Wm A Slutchour.$1111
Aug. 18, 1923—LOTS 7 TO 13 BLK 2, Belmont Heights, Fresno. Hollenbeck-Bush Planing Mill Co vs W A Sluthaur $866

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1000 and Over Reported

RESIDENCE
W MONTEREY ST., bet. 5th and 6th Sts., Gilroy. All work for residence.
Owner—Pasquale Perrelli, Gilroy.
Architect—None.
Contractor—William Radtke, Gilroy.
Filed Aug. 13, '23. Dated Aug. 11, '23.
Frame up $1737.50
Plaster on 1737.50
Completed 1737.50
Usual 35 days..... 1737.50
TOTAL COST, $6950 00
Bond, none. Limit, 90 working days from Aug. 13, 1923. Forfeit, plans and specifications, none.

SCHOOL
SARATOGA. Electric fixture work on school building.
Owner—Saratoga School District, Saratoga.
Architect—Wyckoff & White, Growers' Bank Bldg., San Jose.
Contractor—Roy Davenport, Los Gatos
Filed Aug. 13, '23. D ated July 13, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $486.50
Bond,s, $243.25 and $121.63. Sureties, James Crawford and B. Eastwood. Limit, 30 working days from July 13, 1923. Forfeit, none. Plans and specifications, filed.

RESIDENCE
ONE ACRE PLOT ON S SIERRA ST., Stanford University, opp. present residence of David Starr Jordan. All work for two-story residence.
Owner—Board of Trustees Leland Stanford Jr. University, Stanford University, Palo Alto.
Architect—Arthur B and Birge M. Clark, 600 Embarcadero, Palo Alto
Contractor—J. W. Osborne and R. C. Knight, Mt. View.
Filed Aug. 9, '23. Dated Aug. 6, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $20,400
Bond, $10,200 Sureties, John Dudfield and James Pierce. Limit, 120 working days from Aug. 11, 1923. Forfeit, none. Plans and specifications filed.

COTTAGE, 6-room, $5480; 21st near San Antonio, San Jose; owner W. P. Wagner; architect, Main & Evans.
ALTERATIONS, $1100; San Carlos and Market, San Jose; owner, Druids Bldg. Assn., 45 W San Carlos, San Jose; architect, Binder & Curtis, 255½ S 1st St., San Jose; contractor, Geo. Lindblom, 471 W San Carlos, San Jose.
COTTAGE, 5-room, $1800; Gardner nr. William, San Jose; owner, Geo. W. Bunda, 328 E Jerome St., San Jose.
COTTAGE, 4-room, $3400; 15th near Jackson, San Jose; owner, V. Herbert; architect, L. C. Rossi.
RESIDENCE, 2-family, $5500; San Pedro and Clayton; owner, Manuel Leal, 306 W Sta. Clara, San Jose; architect, F. Neyes.
REMODEL, $1000; Bestor and Eleventh Sts., San Jose; owner, N. J. Howe.
COTTAGE, four-room, $1975; Martha St. near Fourth, San Jose; owner, A. H. Klatt; contractor, V. Lanotti.
ADDITIONS, $1000; No. 765 S-Twelfth St., San Jose; owner, G. Boviciuno; contractor, Felix Savio.
COTTAGE, 6-room, $3500; 21st St. nr. Santa Clara St., San Jose; owner, T. P. Arnevich, 77 S-Market St., San Jose.
APARTMENT house, 2-story (9 apts), $24,000; Seventh and San Carlos Sts., San Jose; owner, J. O. Boesch, 318 S-10th St., San Jose; contractor, E. Wommensen, 101 S-16th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Aug. 8, 1923—LOT 12, Taylor Sub., San Jose. Harry Freisen to whom it may concern.....Aug. 8, 1923
Aug. 8, 1923—LOT 1 BLK 8, Chapman and Davis Tract, San Jose. M D Cartwright to whom it may concern.....Aug. 7, 1923
Aug. 8, 1923—PTN LOT 2 BLK 95, Palo Alto. Vance M Brown to whom it may concern...July 27, 1923
Aug. 8, 1923—PTN LOT 1 BLK 18, Palo Alto. Clarence W Grigsby to Wells P Goodenough.....Aug. 4, 1923
Aug. 8, 1923—LOTS 3 AND 4 BLK 24, College Terrace, San Jose. Roma L Mitchell to whom it may concern .....Aug. 7, 1923
Aug. 8, 1923—PTN LOT 2 Rhodes Tract, San Jose. A M Elliott to whom it may concern...Aug. 1, 1923
Aug. 8, 1923—NO. 74 AND 76 S-FIRST St., San Jose. Herold Shoe Co to Megna & Newell.....July 7, 1923
Aug. 9, 1923—LOT 35 Walsh Residence Park, San Jose. Carl Strange to whom it may concern..Aug. 7, 1923
Aug. 9, 1923—PARCEL 50 Described in deed Lennon to Adams in Vol. 564 Deeds Page 245, San Jose. L C Rossi to whom it may concern.. .....August 9, 1923
Aug. 9, 1923—NO. 805 S-SECOND ST., San Jose. Fannie Glennon to Wilmott Bros.....Aug. 9, 1923
Aug. 9, 1923—NO. 65 N-EIGLEBERRY St., Gilroy. A L and F Janet Phillips to whom it may concern.... .....August 6, 1923
Aug. 11, 1923—LOT 29 BLK 14, Rose Lawn, San Jose. Harry F Dowell to whom it may concern.Aug. 9, 1923
Aug. 11, 1923—PTN LOTS 23 AND 24 Blk 2, D. Divine's Survey No. 1, San Jose. A W Lannin to T J Lannin .....August 9, 1923
Aug. 11, 1923—PTN LOTS 23 AND 24 Blk 2, D. Divine's Survey No. 1, San Jose. A W Lannin to T J Lannin.....August 9, 1923
Aug 13, 1923—PTN LOTS 23 AND 24 Blk 2, D. Divine's Survey No. 1, San Jose. A W Lannin to T J Lannin.....Aug. 9, 1923
Aug. 13, 1923—E HANNA ST., bet. Third and Fourth Sts., Gilroy. Clara L Boss to C S Holmes..... .....August 10, 1923
Aug. 13, 1923—ON ALMADEN ROAD about 2 miles from San Jose. S Cozzo (by G Sanfilippo, Agent) to Frank Nevis.....August 13, 1923
Aug. 13. 1923—PTN LOT 2 BLK 4 R 4 N, San Jose. F Harold Vining to whom it may concern..Aug. 11, 1923
Aug. 13, 1923—LOTS 9, 10, 11, 12, 13 and 14 and 33 Hayes Sub, San Jose. Michael De Sando to R E Ford and J C Thornberg.....Aug. 9, 1923
Aug. 14, 1923—NO. 860 N-SEVENteenth St., San Jose. Antone Megna to Megna & Newell....Aug. 13, 1923
Aug. 14, 1923—PTN LOT 4 BLK 40, Palo Alto. Louis Lacombe to whom it may concern..Aug. 11, 1923
Aug. 14, 1923—E N-THIRD ST 412½ N Jackson St., San Jose. Joseph R Malvose to Wm H O'Neil..... .....August 13, 1923
Aug. 14, 1923—LOT 1 BLK 3 N. R 5 W. Miller & Lux Western Add'n to Gilroy. Samuel McCormick to whom it may concern...Aug. 9, 1923
Aug. 15, 1923—PARCEL 47 in deed Lennon to Adams Book 564 Deeds Page 245, San Jose. L C Rossi to whom it may concern..Aug. 15, 1923
Aug. 15, 1923—LOT 9 BLK 9, Hanchett Residence Park, San Jose. S G Youngquist to whom it may concern.....August 10, 1923
Aug. 15, 1923—PTN BLK 2, Naglee and Sainsevain Add'n., San Jose. S G Youngquist to whom it may concern.....August 9, 1923
Aug 15, 1923—ODD FELLOWS HOME Trustees Odd Fellows Home to Z O Field.....August 13, 1923
Aug. 15, 1923—S ½ LOA 6 and N ½ Lot 7 Blk 33, Reed's Add'n., San Jose. E J Hawley to whom it may concern.....Aug. 14, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Aug. 11, 1923—LOTS 6 AND 7 BLK 17 Ledrmu Tract, San Jose. Pacific Mfg Co vs Annie Scorsur....$1147.25
Aug. 11, 1923—PTN LOT 10 BLK 2, Clayton et al vs Sainsevain et al. Pacific Mfg Co vs Elizabeth Hickey $593
Aug. 13, 1923—LOT 1 BLK 13, Naglee Park Tract, San Jose. Wm F Serpa vs Peter Swanson $351
Aug. 14, 1923—LOT 5 PTN of Santa Teresa Rancho, San Jose. Henry Cowell Lime & Cement Co vs J H Swiekard $260.14
Aug. 14, 1923—LOT 1 BLK 13, Naglee Park Tract, San Jose. Henry Cowell Lime & Cement Co vs Peter Swanson $319.08
Aug. 14, 1923—PTN LOTS 53 AND 51 Blk 5, Cook and Branhams Addn., San Jose. Henry Cowell Lime & Cement Co vs J Paulson.....$228.73
Aug. 15, 1923—LOT 10 BLK 21, Montgomery and Rea Sub., San Jose. Austin M Drinkwater vs Anton and Monica Anderson $170
Aug. 15, 1923—LOTS 6 AND 7 BLK 17, Lendrum Tract, San Jose. Austin M Drinkwater vs Annie Scourser $174.50
Aug. 16, 1923—LOT 10 BLK 21, Montgomery & Rea Sub., San Jose. San Jose Hardware Co vs Monica and Anton Anderson $145.62
Aug. 17, 1923—LOT 26 BLK 14, Evergreen Park, San Jose. Dudfield Lumber Co vs James Pennington $64.49
Aug. 17, 1923—LOT 20 BLK 16, Morgan Hill. Sunset Lumber Co vs R. R. Henken $271.70
Aug. 18, 1923—LOT 8 BLK 6 Hanchett Park Tract, San Jose. Borchers Bros vs Mary B Leaman.$413.76

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Aug. 16, 1923—PTN LOT 3 BLK 38, Palo Alto. Palo Alto Hardware Co, $253; Bldg Trades Council of San Jose, $407.40 to Rose M and Lillie B Carter.....
Aug 16, 1923—LOTS 8, 9, 10 AND 11, Adams Tract, San Jose. E F Wolters to F W Aust.....$288.88

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $2800; SW Thirteenth and Florida Sts., Richmond; owner, C. L. Swartout, 240 7th St., Richmond; contractor, S. B. Robinson, 338 20th St., Richmond.
STORES (3), one-story brick, $14,139; NW Sixth and Macdonald Ave., Richmond; owner, H. J. Bucking, 1818 Macdonald Ave., Richmond; architect, J. T. Narbett, 9th and Macdonald, Richmond; contractor, P. M. Sanford, Box 1061 Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., SEPTEMBER 1, 1923

Published Every Saturday
Twenty-third Year No. 35

Schumacher

Office
210 American National Bank Building

Permanence
Economy

Wall

Warehouses
San Francisco Oakland

Appearance
Comfort

Board

For Sale by all Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

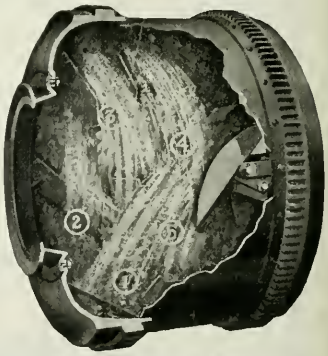
Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

sued Every Saturday SAN FRANCISCO, CALIF., SEPTEMBER 1, 1923 Twenty-third Year No. 35

BUILDING and ENGINEERING NEWS

No. 818 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

ubscription terms payable in advance
. S. and Possessions, per year..$5.00
anadian and Foreign, per year.. 6.00
ingle Copies 25c

Entered as second-class matter at
on Francisco Post Office under act of
ongress of March 3, 1879.

OME OWNERSHIP AND DEBTS, BOTH INCREASE

Home ownership in the United States ncreased from 38.4 per cent in 1910 to 0.9 per cent in 1920, according to Richrd T. Ely, chairman of the department f political economy, University of Wisonsin, and director of the National Initute of Research in Land Economics nd Public Utilities. The figures are om statistics compiled by that orgaization and the United States Bureau f the Census In 1890 the percentage f home ownership stood at 36.9. A eady increase in the number of owns is therefore indicated.

Of the present proportion of dwellgs owned by those who live therein, 17 are free from debt or mortgage and 5.2 per cent are encumbered. The verage value of homes in the latter ass increased from $3,250 to $4,938 etween 1890 and 1920, while the size f the mortgage increased from $1,293 $2,102, evidencing that the owners e going more deeply into debt than efore. In 1890 the average mortgage presented 39.8 per cent of the value the home; in 1920, 46.2 per cent. In 890, 26.5 per cent of the owned homes ere owned free of debt, and 10.2 per nt were encumbered.

Purchase of automobiles, in the opinn of Dr. Ely, has had much to do with e increase in the size of the mortgage, at least with its remaining unpaid.

PLANS FOR 1924 ROAD SHOW ARE BEING COMPLETED

Plans for the 1924 Convention and road show of the American Road Builders' Association have practically all been completed. These two events are to be held simultaneously the week beginning January 14th. The convention headquarters are to be in the Congress Hotel. The road show will be held in the Coliseum and the adjoining Greer Building.

Mr. Frank Page, president of the American Road Builders' Association, has appointed Mr. Chas. M. Upham manager of the convention and road show. Mr. Upham will report directly to the executive committee of the American Road Builders' Association. With the approval of that committee, Mr Upham will appoint several committees to handle various features of the two big events of the year in the highway industry.

Mr. Page and Mr. Upham spent some time recently in Chicago making detailed arrangements for both the convention and the show. As a result, all important preliminaries are already completed. Work also is being pushed on the whole program in such manner as to give ample time for all concerned to make their plans.

Mr. Upham will open an office in Chicago well in advance of the date of the convention and road show. Meanwhile, arrangements are being made to the date of drawings for space in the road show may be announced shortly. General features of the convention also have already been mapped out to an extent that will permit the details to be determined before the end of September.

Mr. S. F. Beatty, president of the Highway Industries Exhibitors' Association, has advised Mr. Page and Mr. Upham that that organization will cooperate in every possible way to make the 1924 road show and convention successful. With the two organizations working together in close harmony, maximum results for both these events are assured.

All inquiries regarding the convention and road show should be addressed to the home office of the American Road Builders' Association at 37 West 39th Street, New York City, until the announcement of the location of the temporary Chicago office has been made.

HUGE LUMBER HOLDINGS IN NEW HANDS

Sales of the St. Maries Lumber Co. of St. Maries, Idaho, to Fred Herrick of St. Maries for a reported consideration of $2,000,000 is announced. William Kroll of Spokane was president and principal owner of the St. Maries company.

The transaction involves the mill, planing mill, dry sheds, offices and other buildings, besides yard and track facilities, located on 100 acres with a frontage of nearly a mile on the St. Joe river in Idaho. It is estimated that there are about 17,000,000 feet of lumber in the yards and between 5,000,000 and 6,000,000 feet of logs in the river.

Timber holdings include 100,000,000 feet of white pine on Mica creek, besides a quantity of cedar and other timber.

ADVERSE REPORT IS SUBMITTED ON ANTIOCH BRIDGE

Major U. S Grant III, engineer of the War Department in San Francisco, announces that he has reported adversely on the application of the Delta Bridge Corporation for the erection of a bridge across the San Joaquin river at Antioch. Major Grant gave as the reason for his adverse report the fact that he believed the construction of the type of bridge proposed by the corporation probably would prove a menace to navigation. The low type of bridge, Major Grant said, would be entirely unacceptable to the War Department. The report of Major Grant, based on public hearings held on the application, was forwarded to Colonel Herbert Deakyne, district engineer of the War Department, who will forward it to Washington for final action.

EXPLAIN QUANTITY SURVEY ADVANTAGES

In announcing its recent establishment of a quantity survey bureau, the St. Louis Master Builders' Association thus stated the objects and expected advantages:

"The object of this bureau is to eliminate the present duplication of effort and expense in the purely mechanical operation of taking off items of excavation, concrete (plain and reinforced), brickwork, and lumber bills, these being the quantities most frequently estimated by the general contractor.

"The bureau will serve not only to act as an arithmetical check on quantities, to constitute a means of clearing up indefinite items in plans and specifications thdough conference with the designer, to reduce the number of extras, to save in the time required for bidding, and to insure as to quality and quantity of materials needed for the project, but also to reduce the cost of maintaining large individual estimating bureaus.

"The Quantity Survey has nothing whatever to do with prices, and is not related to price fixing. It merely accurately determines the quantity of construction material required to complete a definite structure.

"Such quantity survey bureaus have long been in existence in England, and more recently in a number of important cities in the United States, including New York, Chicago, Milwaukee and others. St. Louis is taking this step in order to keep pace with other progressive cities in this respect.

"Quantities will be furnished by the bureau to anyone desiring them on the basis of actual cost, as no attempt is to be made to profit by its operation."

Resignations of J. C. McLeod, division engineer and C. H. Whitmore, market road engineer of the Oregon State Highway Department, have resigned to accept positions with the California State Highway Department. Whitmore has been assigned to San Francisco and McLeod to Sacramento. In Oregon, promotions to fill the vacancies have been made from the ranks of present employes. J. S. Sawyer, now resident engineer at Springfield, succeeds McLeod and J. H. Scott succeeds Whitmore.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The International General Electric Company has been awarded a contract for new equipment for the electrification of thirty-five additional miles of the Paulista Railway of Brazil. The contract involves about $1,000,000. The extension is part of the extra portion planned at the time the first contract was closed in 1920. The order calls for five sixty-two ton 3,000 volt switching engines, a complete substation of 4,500 kilowatts ultimate capacity with motor generator sets, stepdown transformers, switchboards, switch gear and other auxiliary equipment and overhead line materials and transmission for the extension.

Following an illness of only a few days, Daniel Best, founder of the Best Manufacturing Company, out of which grew the caterpillar tractor that during the World War became the famous tank, died at his home in San Leandro, August 22, at the age of 85. Best crossed the plains to Oregon over the wagon trail in 1859, settling in San Leandro in 7886 where the Best Tractor Co. was founded, manufacturing combined harvesters and heavy threshing machines. Some twelve years ago the modern tractor was patented by a son, L. C. Best, present head of the organization.

The value of output of furniture in California for 1922 exceeded $35,000. The growth of the furniture business on the Pacific Coast the past few years has been remarkable, according to "The Timberman." San Francisco, Berkeley, Oakland, Portland, Tacoma and Seattle are each year not only increasing in the production of furniture but are diversifying the higher grades of furniture which formerly centered to a large extent in Grand Rapids, Mich., and in the southern states.

State Forester M. B. Pratt is encouraged by reports which are reaching him from the redwoods and pine districts of the state, because of the active participation in the work of reforestation by the lumber companies and the growing tendency to avoid destructive methods in lumbering. A number of the companies have employed expert foresters, and are planting seed beds preparatory to extensive replanting of the cut-over areas. Other efforts are being made to secure a new growth.

The State Railroad Commission has taken under advisement the application of the Santa Fe and Los Angeles Harbor Railroad for permission to construct a railroad over certain streets and highways between Los Angeles and its harbor district and from there to El Segundo. The Los Angeles County Planning Commission has entered a demand that if the line is constructed the tracks should be elevated to avoid grade crossings.

Demand for $6100 damages for alleged breach of contract in the construction of 29 houses in the Hollywood section of San Leandro is contained in the suit of S. Victor Davidow against R. E. Neikirk, contractor. Davidow claims Neikirk's failure to adhere to the specifications as to workmanship, style and materials has forced to accede to the demands of purchasers for a return of their money.

July building permits reported officially to the American Contractor from 210 cities show practically no diminution of money volume for planning as compared with June. Compared with activity for july, 1922 the figures for this year show a 12 per cent gain. Pacific Coast building activity during July as indicated by the construction permits issued by the various cities may be estimated through a study of the following figures

	July, 1923	July, 1922
Seattle	$ 3,122,315	$1,559,205
Portland	1,532,115	2,206,615
Tacoma	386,445	375,136
San Francisco	3,237,115	3,024,036
Oakland	1,947,324	1,900,710
Los Angeles	15,083,272	8,064,018
Long Beach	1,377,332	535,884
San Diego	1,177,045	717,881

One of the largest sales of pulp timber ever made, involving approximately 3,340,000 cords, is announced by the Forest Service. The award, made conditionally, covers pulp timber in the Cascade Creek unit, Tongass National Forest, Alaska, to Hutton, McNear & Dougherty of San Francisco. The sale was made on the perpetual timber supply plan by which enough seed trees are left to insure complete natural reproduction and under which, it is believed, at least 1,500,000 tons of paper can ultimately be produced annually from Alaskan pulp wood.

Decision to open 42,700 acres of public lands in California and Colorado for homestead entry by former service men is announced at Washington by the Interior Department. The tract includes 38,000 acres in Imperial County, California, near the towns of West Moreland and Dixie Land and 4,700 acres in Montrose and Gunnison Counties, Colorado, near Ouray. The exact dates for the opening will be announced by local land offices.

In keeping with an opinion rendered by Attorney General U. S. Webb, Governor Friend W. Richardson has appointed W. F. McClure, state engineer, director of the department of public works and reappointed R. M. Morton as highway engineer and Harvey M. Toy, L. Everding and Nelson T. Edwards members of the state highway commission.

The Horse Thief Lumber Co., operating near Dorris, Siskiyou County, has closed down. Cost of labor and the transportation of its product via auto trucks a distance of about sixty miles over through roads, and the drop in lumber prices are the reasons assigned for closing down.

The Pacific Coke & Coal Company, capitalized at $7,500,000, organized under the laws of Delaware, has filed articles of incorporation at Sacramento. The purpose of the company is to erect a steel plant in the Los Angeles harbor district.

J. C. Manley, city engineer of Tacoma, Wash., for the past five years will resign his position, due to failing health. He will take up outside work.

City of Merced will vote bonds of $25,000 September 11 to finance purchase and improvement of park lands.

ALONG THE LINE

E. T. Meredith, formerly secretary of agriculture, during the Wilson administration, and John F. Stevens, original chief construction engineer of the Panama Canal, have accepted appointments to the research council of the national transportation institute. Stevens was head of the American Railway Mission to Russia in 1917.

Melnotte McCants, for seventeen years connected with the Market St. Railway Company, has been appointed general manager of the company, succeeding Colonel Chas. N. Black, who retains the position of President of the Company.

A. W. Earl, former designer-engineer at Mare Island, has been appointed an assistant to County Surveyor Geo. A. Posey of Alameda County. Earl will be engaged on the Oakland-Alameda estuary tube project at a salary of $425 a month.

Arrangements have been completed whereby a course in carpentry will be given at the Reno, Nevada, high school. Apprentices of the Carpenters' Union will have the privilege of taking the course.

Interested citizens and taxpayers of Sonoma county have started movement seeking construction of permanent highway from Sebastopol to Monte Rio via Guerneville, approximately 18 miles in length, to cost $750,000.

Building inspectors of about thirty-five pacific Coast cities will hold their annual convention at Coronado, September 10, according to M. C. Woodruff, city building inspector of San Jose.

Plans for the semi-annual banquet of the Fresno Builders' Exchange are being completed, according to R. W. Crouch, secretary-manager of that organization. The banquet will be held Sept. 17.

J. D. Halstead Lumber Co., Olburgin Durgin, painting contractor, E. H. Coffman, roofer and Van Fleet Freear Company, are new members of the Fresno Builders' Exchange.

The Jack-Thompson Lumber Co. has purchased a site at 29th avenue and Glasscock streets, Oakland, and will establish yards. R. E. Jack and C. G. Thompson are the owners.

An election seeking the formation of the Roseville Irrigation District in Placer County, failed to carry. It was proposed to place 8700 acres under irrigation.

Santa Rosa City Council is planning bond issue for approximately $185,000 to finance construction of sewage disposal plant.

Tacoma, Wash., is planning a $2,400,000 bond issue to finance school improvements.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

L. A. MASTER HOUSE PAINTERS HOLD BANQUET

The summer banquet and round-up of the Master House Painters and Decorators' Association of Los Angeles county was held August 18 in the Elite Caterers', Los Angeles. About 100 members and guests attended. The Los Angeles Paint, Oil and Varnish Club attended in a body.

A meeting of the board of directors of the State Association of Master House Painters and Decorators was held prior to the banquet and the association had as its guests the state officers and visitors from several outside cities. Past-president Horace Mann of the association was the toastmaster. Entertainment furnished by the Walter Trask trio put the guests in an amiable mood for the speaking program which followed.

Wm. Hermann of San Jose, delegate from California to the international convention at Toronto, Canada, gave a very interesting report of the proceedings. He had been instructed by the state association to invite the international association to hold its next convention in San Francisco but Atlantic City was chosen as the place for the 1924 meeting and he paved the way for renewal of the invitation to hold the 1925 convention in San Francisco.

Andrew Sullivan of San Francisco, recounted eloquently his experience on a 7000-mile automobile trip through western Canada and the Rocky Mountain states, down through Utah and Arizona and across the desert to Los Angeles.

W. W. Woolley, of San Francisco, secretary of the state association, spoke on the work of the organization and prospects for the future.

The following state officers were present: John Heritage, Charles Burr, B Gallishotti and Andrew Sullivan of San Francisco, directors; G. Bowen of Oakland, director; Herman Axt, San Francisco, sergeant-at-arms; R. W. Germain, Los Angeles, first vice-president; Paul Schwenzfeier, Pasadena, director; W. W. Woolley, Burlingame, secretary. Other out-of-town guests were: John F. Burland and W. W. Stratton of San Diego; W. Hayward and James Natier of Santa Barbara; W. Janssen of Ventura; J. W. Realy and N. McDonald, San Francisco; C. E. Irwin, Berkeley; Frank La Torres, past state president and managing secretary of the San Francisco association. Among other past presidents in attendance was R. P. Tuttle of Los Angeles.

At the meeting of the state directors the organization of associations in Santa Barbara, Fullerton and Ventura was discussed and the addition of these three cities to the state roll is assured.

MAYOR JAS. ROLPH JR. HONORED ARCHITECTS

Jas. Rolph Jr., Mayor of San Francisco, has been presented with a gold medal by the Societe des Architects of France due to his activity in the construction of the San Francisco civic center. G. Albert Lansburgh, on behalf of the American group of the society, made the presentation.

OAKLAND BUILDERS & REALTORS WILL WORK IN HARMONY

Two of the biggest factors in the upbuilding and development of Oakland joined hands at a recent banquet held under the auspices of the Oakland Real Estate Board and the Alameda County Builders' Exchange.

The men who sell the land and arrange for buildings joined in a study of development conditions with the men who do the construction work, and problems affecting both were sifted and solutions offered.

"Oakland is striding toward its goal as the leading industrial city of the Pacific slope," declared C. W. Boden of the real estate board, "and to achieve this goal co-operation and understanding between the realtors and the builders is vitally necessary. We will sell the land and arrange for building. You must do the building and you must build for the future."

"The builders," said Horace D. Jones, general contractor and chairman of the Builders' Exchange publicity committee, 'will follow in the path blazed by the realtors. Our professions are twins. We depend on each other. In our hands, perhaps, lies Oakland's greatest hope for future commercial and residential greatness. As we build today, so will be the Oakland of the future."

Speakers for the realtors were Boden, S. H. Masters and Fred Kaiser.

The Builders' Exchange speakers were Jones, Walter Spencer and A. J. Hillam.

Discussion was centered on two questions of leading importance to both professions. The questions were:

"What the Builder Owes to the Broker" and "What the Broker Should Expect From the Builder."

"The builders' and realtors' professions are interlocking," said Spencer, "and prosperity in one profession must reflect prosperity on the other."

OMAHA MASTER PLUMBERS ARE VICTORIOUS IN SUIT

The Master Plumbers' Association of Omaha won a signal victory over the local journeymen plumbers' union on August 9 in Judge W. G. Hasting's division of the Douglas County district court when the court ordered a temporary injunction, recently issued, to stand pending final hearing in the Fall term. The injunction prevents the municipal plumbing board from interfering with journeymen plumbers who have not passed the city examination for licenses.

The court action was the result of a strike which journeymen plumbers and steamfitters declared on March 1, and which has been in existance since that time. The plumbers, when refused their demanded increase of 25 per cent in their wage scale, struck, and since that time Omaha, so far as these two crafts are concerned, has been an open shop town.

But the strikers, it was alleged in court, felt sure that they could control the situation by appealing to the city plumbing board. This board, it was charged, refused to grant a license to any applicant unless he was a union man and had the endorsement of the local union of plumbers.

The issue between the masters and the journeymen came to a focus first when one of the non-union employes of the master was arrested and arraigned in police court for working at the plumbing trade without a license. The employe was found guilty and fined. The master then went into district court and obtained a temporary injunction, which is and will be in effect until the Fall term.

J. J. Hanighen, president of J. J. Hanighen Company, and one of the biggest plumbing contractors in the Middle West, said that when the journeymen went on a strike it was impossible for him to obtain help in Omaha and that he had to go to Chicago, Kansas City, Denver, and other cities for the necessary employes. These employes, he said, were driven off of their jobs by the union men.

A. C Nelson, president of the Superior Plumbing Company, said the city plumbing inspector refused to permit his non-union employes to work at the plumbing trade and threatened him with arrest if they did. "I sent them up to take the examination, but they were asked nothing but absurd and ridiculous questions."

It was shown that licenses were refused to all non-union men.

BUILDERS PROMOTE OPEN SHOP IN UTAH

The Utah Builders' Exchange has been formed at Salt Lake City, Utah, with the following officers: Jacob A. Kahn, president of the Capital Electric Company, Salt Lake City, president; George Q. Morris, Elias Morris & Sons, vice-president; James S. Taylor, Morrison-Merrill Lumber Company, secretary; P. L. Godard, executive secretary. The executive board consists of Messrs. Kahn, Morris, Taylor, and Ramm Hansen, prominent Salt Lake City architect.

The membership of the organization is composed of representatives of the various building industries, who will endeavor to bring together all reputable persons, firms and groups engaged in designing, contracting, manufacturing, merchandising, constructing, or in any way identified with the promotion of the building industry in the state of Utah. The object of the organization is, to promote and establish permanently the "American Plan" open shop principle in the building industry in Utah; to establish and conduct apprenticeship schools for the development, education, and encouragement of young men who may be induced to enter the building crafts, that the number of skilled proficient workmen may be increased; to conduct an employment bureau as a medium of contact between employers and workmen in the building crafts; and to effect economies by the standardization of methods.

The Exchange will acquire, possess, and distribute to members information having to do with the particular branch of the building industry in which they are severally engaged. The executive secretary is in general charge of the operation of the Exchange, under the direction of the Executive Board which is selected from the Central Council, a body made up of representatives of each of the elements in the building industry. The launching of this organization to be known as the Utah Builders' Exchange is a decided step forward in the promotion of the building industry in that state.

Southern Pacific Spending $90,000,000 To Serve Pacific Coast

A comprehensive and impressive program for construction work, new facilities and improvements to maintain highest class trensportation service for Pacific Coast states has been launched by the Southern Pacific Company.

Expenditures totaling in excess of $50,000,000 are involved in the improvement program, which is being carried into effect as rapidly as possible.

This program is in addition to the recent purchase by the Southern Pacific Company of a record number of freight and passenger cars, refrigerafor cars and powerful locomotives at a cost aggregating $40,000,000.

The announcement calling for renewed activity throughout the territory served by the railroad follows close upon the heels of the decision of Government officials at Washington to accept the United States court decision affirming the Southern Pacific-Central Pacific merger.

Included in the improvements are the building of new lines, extensive double tracking, new classification and industrial yards in different cities, freight terminals, creosoting plants, rock crushing plants, station buildings, additions to shop equipment, replacement and strengthening of bridges, line changes to eliminate curves, new and heavier ballasting and heavier rails, new tunnels and improvements to existing ones and so on.

Outstanding in this work are such projects as the building of the Natron Cut-off and a new entrance to Portland, double tracking sections between San Francisco and Ogden and over the Tehachapi Mountains, from Tehachapi to Seivert, which will give complete double track from Bakersfield to Mojave, new station facilities at Sacramento, extensive new terminal yards and freight facilities in Los Angeles and a large tie and timber treating plant in Oakland.

In San Francisco industrial trackage will be built on Beale street at a cost of $122,000. A team yard in the same territory is being constructed.

Some of the highlights of the company's program follows:

The Company is double tracking parts of its line and building more passing tracks at strategic points from San Francisco to Ogden. This work together with a double track arrangement now being negotiated with the Western Pacific will greatly facilitate the tremendous movement of Pacific Coast crops to the East.

A part of this second track construction work over the mountains and in Nevada, entailing an expenditure of nearly $3,000,000, has been almost completed. This includes construction of 5.27 miles of second track between Blue Canyon and Emigrant Gap, 6.5 miles between Andover and Truckee and in Nevada, two stretches of second track between Wells and Moor, 8.7 miles, and between Valley Pass and Montello, 20.3 miles.

Arrangements being completed for carrying on this important work over the original Central Pacific lines will necessitate additional expenditure in excess of 8,000,000 and will result in a continuous stretch of double track of 166 miles from San Francisco to Emigrant Gap a continuous stretch of double track from Andover to Sparks, a distance of 46 miles. The double tracking from Wells to Moor and from Valley Pass to Montello is in the Pequops Mountains, the only territory on the Salt Lake Division where all freight and some passenger trains require helper engines.

Ten and one-half miles of double track are being completed over the Tehachapi Mountains at a cost of $600,000 which this winter will give a stretch of double track from Tehachapi to Mojave.

Surveying crews now are contemplating the task of staking out a second line from Tehachapi toward Bakersfield. This difficult line is being run at an easy grade and, when construction is completed, will represent a total of about $10,000,000 for the two-track line between Bakersfield and Mojave.

Operation of the Southern Pacific's gigantic new locomotives now in heavy freight service has made the use of heavier rail and heavier ballast necessary.

The company is adding this year 70 miles of 110 pound rail, the heaviest in the West, and more than 280 miles of 90 pound rail. In addition it has ordered from steel mills 53,000 tons of rail, sufficient for the laying of 330 miles of track next year.

The use of these heavy rails throughout the system has necessitated the re-ballasting of much of the line with crushed rock ballast.

In order to maintain this necessary roadbed, three big rock-crushing plants are being built. One is at Santa Margarita, Calif., another at Palisade, Nevada, and a third at Lucin, Utah. The total capacity of these plants will oe in excess of 150 carloads of rock a day. They will represent an investment of more than $600,000 and will give employment to many men.

Preliminary work is being completed as rapildy as possible preparatory to the starting of actual construction of the new line through Klamath Falls to Oakridge in Oregon, known as the Natron Cut-off(providing a second route between San Francisco and Portland.

This project entails about 118 miles of construction work through a scenic and practically virgin section of Oregon. It will cost in the neighborhood of $15,000,000.

In order to earry the traffic through Klamath Falls and over the Natron Cut-off it will be necessary to expend about $5,000,000 in new construction work from Black Summit to Grass Lake, south of Klamath Falls

In the Imperial Valley of California 21.7 miles of new line are being constructed from Calipatrie east and south to a point near Holtville, and as previously announced, extensions of line totaling 23.42 miles are being added in Kern County, Calif.

Yard limits are being extended and main track re-arranged at Nutglade near Dunsmuir, at a cost of $110,000. This marks the beginning of a large yard at this point. A line change of more than one-half mile is being made near Mott, California, on the Shasta Division, eliminating the Big Canyon trestle which is 615 ft. long and 104 ft. high. This work will cost $135,000 and will give a permanent roadbed in place of this trestle.

Near Crockett on the Western Division another line change is being made at a cost of $110,000 involving the construction of 1.25 miles of new track. Elimination of curvature at this point will permit increased speed of trains.

Cross ties used by the Southern Pacific are being creosoted to prolong their life and two big modern tie and timber treating plans are to facilitate this work.

One is to be constructed at Oakland at a cost of $600,000 and the other is now in operation at Wilmington. The Oakland plant will have a large tie storage yard with a capacity of 350,000 ties and the mist modern facilities for hndling them.

Among the new shop improvements just completed, under way or about to start are: At Sacramento, $211,000 planing mill, a $51,000 acetylene generating plant, an extension to the steel foundry building and the installation of a new crane, aggregating an additional $24,000; at the Bayshore shops, new equipment being installed at a cost of $39,700; at San Luis Obispo, new power plant and oil house cisting in the neighborhood of $50,000; at Los Angeles, locomotive erecting shop, and extension to machine shop to cost about $600,000; at Brooklyn, Oregon, freight car repairing shed and wheel shop.

The Company is planning an improved entrance into the city of Portland, which will cost in the neighborhood of $4,500,000.

The first unit of a new and extensive classification yard at Los Angeles recently was completed at a cost of about $300,000. Arrangements are being completed which call for the expenditure of $1,000,000 during the next twelve months in developing further this comprehensive terminal yard project.

A new steel bridge with a span of 400 feet over the Colorado River is being constructed at Yuma. This with a four mile track line change, two miles of icing and yard tracks and a new station will entail expenditures of about $1,000,000.

TEN PRODUCTION RECORDS ARE ESTABLISHED IN INDUSTRY

Julius H. Barnes, president of the Chamber of Commerce of the United States, in an address before the National Association of Insurance Agents, at Buffalo, cited ten production records that have been established in industry during the last few months. They are: Largest pige iron production; largest cotton consumption; largest steel ingot production; largest crude oil production; largest automobile and truck production; largest residential construction; largest production of locomotives; largest volume of mail-order sales; largest volume of retail sales; largest volume of railroad car loadings.

Barnes also made several significant comparisons of changes that have taken place in the United States since the pre-war year of 1913. The more important of these comparisons are: The population of the United States has increased fourteen millions of people, with their enlarged requirements; the annual national income has increased from thirty-four billion, to fifty billion; the aggregate savings deposits have increased from six billion to fourteen billion dollars, and the deposits in national banks have increased from six billion to seventeen billion dollars.

Chas. E. Ashburner, former city manager of Norfalk, Virginia, arrived in Stockton August 29, to assume his duties as city manager of Stockton. He will receive a salary of $20,000 a year.

PUBLICATIONS

"House construction That Reduces Heating Costs," a bulletin published by the engineering extension service of Purdue University, LaFayette, Indiana, is of especial interest to all persons who contemplate building. It is intended to set forth some of the present weaknesses in framed-wall type of construction and to suggest reasonable modifications which may be recommended as substitutes for present building practice. Of the four things to be kept in mind in building residences—the convenience of the occupants; the efficiency of the building, considering it as a physical plant; the artistic effect of the finished structure; and the first coat—the pamphlet concerns itself chiefly with the efficiency of the building, holding that the average builder seldom considers this point.

"The Truscon Steel Joists Data Book," as its name implies, is a handbook of information. It has been the aim to present in concise, convenient form essentials, tables for designing, specifications, and details so that the man who has the book can lay out and design a complete steel joist installation. The book is so profusely illustrated that photographs and drawings practically tell the whole story. Tables of carrying capacities and properties are set in large bold type so that they are easily read, and they are conveniently arranged for use. Copies of the publication can be had free by addressing the Truscon Steel Company, Youngstown, Ohio.

"Atlas Almanac," published by the service department of the Atlas Portland Cement Company, is a monthly review of progressive ideas in the building material business. Business conditions generally are discussed with much understanding, and progressive business handling methods employed all over the country are placed at the service of the reader. Copies of the Atlas may be obtained by writing to the company at New York, Chicago, Philadelphia, Boston, or to any of its other offices.

"Donley Devices," a folder published by the Donley Brothers Company, Cleveland, gives an interesting account of complete tests of Donley Inserts, among fifteen different kinds of concrete inserts, made at the engineering laboratory of the University of Michigan In these tests Donley Inserts, it is stated, registered a resistance of 9000 pounds or more, while few of the other makes, tested at the same time, went above the 6000 mark.

The Portland Cement Association, 111 West Washington St., Chicago, has issued a booklet on concrete floor construction. The book is intended to serve architects, engineers and designers by eliminating the uncertainty in floor construction and obviating a great deal of needless experimentation. Copies will be sent free on request.

"Estimating Building Costs" is the title of a 240-page book written by Charles F. Dingman, and published by the McGraw Hill Company. It is a practical guide on estimating building construction costs and shows how to analyze a construction job into its component parts.

Canada To Establish Day and Night Schools For Training Apprentices

With reference to "Vocational Schools and the Building Industry" The Contractor, of Toronto, has the following to say:

"With the exception of woodworking, carpentry, electrical work and sheet metal workers, very little is being done (in Canada) to train workers for the building trades. The possibilities, however, are great, and in every province the vocational school administrators are anxious to co-operate with employers and employees in providing suitable courses for apprentices and older workers.

"The large grants paid by the federal and provincial governments (of Canada) have made it possible for every industrial community to establish vocational classes suited to local requirements.

"Scattered throughout the Dominion, there are over seventy day schools supported by public funds which provide training for various trades and occupations. One of the principal objectives of these schools is to prepare boys and girls for useful employment and to improve the efficiency and earning capacity of those already employed. The day schools are confined to the larger industrial communities, but in over two hundred localities evening classes are conducted for the benefit of workers, who desire supplementary training to fit them for promotion or greater earning capacity.

In all provinces except Prince Edward Island, Manitoba and Alberta the schools are controlled by local advisory committees composed of members of the local school board and of employers and employees representing local industries and trades."

"Although little has been done to encourage boys to enter the various building trades, the fault is not entirely with the schools. Many employers fail to realize their responsibility for training industrial workers and neglect their opportunities as taxpaying citizens to take steps to improve school conditions. There is a splendid opportunity for employers to co-operate with the school administrators and thus secure better training for workers in all branches of the building and construction industry. Local committees of builders and contractors may do very valuable work by advising and assisting those in charge of vocational schools, and such assistance will be welcomed. Only by working together can the schools understand the needs of industry and the employers appreciate the usefulness and limitations of the schools"—A. G. C. News-Letter.

STANDARD FORM OF BUILDING AND CONSTRUCTION CONTRACT

The Interdepartmental Board of Contracts and Adjustments, consisting of representatives from all government departments, has tentatively adopted a standard form of building and construction contract, including instructions to bidders, invitations for proposals, proposal and contract form. Before finally adopting this form the board desired to give business and professional men an opportunity to state what, if any, changes they consider necessary to make this contract fair and equitable to both parties. In drafting this form the board has endeavored to eliminate inequitable provisions and to approximate commercial practice as far as the law permits. The annual report of the chairman recently submitted to the director of the bureau of the budget explains the policy of the board regarding its work. Approximately 224 federal statutes relating to government contracts, many of which apply only to particular departments, make it difficult to draft a uniform standard contract for all departments. The board contemplates recommending the enactment of a new public contract law that will repeal all obsolete and conflicting statutes and establish uniformity of contract procedure. During the past year the board adopted a standard form of government lease, which was approved by the President on May 26 and is now in use by all of the departments of the government. Business men are interested as taxpayers in how the government spends its money, even if they should not have or contemplate having contractual relations with the government. Before a standard contract form is adopted for government construction work the board thinks it only fair that contractors have an opportunity to examine the tentative form and submit their views. It is requested that interested parties examine this contract and submit their suggestions as soon as possible to the Board of Contract and Adjutment, bureau of the budget, of which Mr. Gordon A. Ramsay is the chairman.

PLASTER BOARD ORDINANCE IS PASSED BY SUPERVISORS

Ordinance No. 5980, adding a new section to the San Francisco Building Law, with regard to the use of wood lath or plaster board, has been signed by the Mayor. The Ordinance adds a new Section to be known as Section No. 107-B to read as follows:

Section 107B. Whenever in this Ordinance, which is known as the "Building Law" of the City and County of San Francisco, wood lath is required, or plaster board as described in Section 107A (as adopted February 21, 1921), is required, there may be used in lieu thereof, except in Class "A" and "B" buildings, an all steel lath weighing not less than three and two-tenths (3.2) pounds per square yard and dipped in a non-corrosive paint, with deformed unperforated ribs not less than one-half inch wide and spaced not over five-eighths inch apart; the ribs to be connected by means of an open mesh or deformed metal with length of openings not greater than distance apart of the ribs.

The steel lath to be firmly applied to the wood joists, furring strips, studs or supports with 3d fine blue nails or one-inch staples. Spacing of nails or staples to be not more than six (6) inches apart in one direction, and sixteen (16) inches apart in the other direction.

In the application of steel lath to board or plank surfacing the same should be raised therefrom by steel furring strips; spacing of nails or staples to be same as that given for wood supports.

Where joists, studding, furring strips or other supports are of metal, the steel lath shall be securely fastened to same with galvanized iron wire not less than 18 gauge, spacing to conform to that given for nails or staples in use on wood supports.

All such metal lath shall have applied thereon, to a minimum of one-half inch grounds, at least two (2) coats of hardwall plaster, or in lieu thereof, two (2) coats of lime mortar to which has been added Keene Cement in proportion of two hundred (200) pounds of Keene Cement to one (1) cubic yard of lime mortar.

Section 2. This Ordinance shall take effect immediately.

L. A. AUDITOR PRAISES S. F. CIVIC BUILDINGS

"Compared to San Francisco, we of Los Angeles are not even listed on the map of cities with beautiful civic buildings," declared John S. Meyers, City Auditor of Los Angeles, speaking before the San Francisco Board of Supervisors at the weekly meeting, Aug. 20, at which he was an honorary guest. "The grandeur of the rotunda and exterior of the City Hall of San Francisco is only offset by whole effectiveness of the Civic Center," said Meyers. "We regret in Los Angeles that our city buildings are so poor, but we are now floating bond issues which will provide money to erect new city structures and lay out a plan for the civic center."

TRADE NOTES

Smith-Booth-Usher Company of San Francisco and Los Angeles, has resumed the publication of its Priced Stock Bulletin. This has been done at the urgent request of friends and patrons, but instead of putting it out under one cover the company now issues it in two parts: (1) Covering construction and industrial equipment, pumps and engines and motors and compressors; (2) covering machine tools, woodworking machinery and small tools. Hereafter each will be issued regularly each month. This priced stock bulletin is a time-saver for builders and contractors and purchasing agents because of referring to it they can determine at once the exact cost of any equipment or machinery they want and whether they can secure it at once, the bulletin showing equipment actually in stock.

The Raymond Concrete Pile Company has opened a Pacific Coast office at 720 Washington Bldg., Los Angeles, for the purpose of negotiating contracts for constructing piers, wharves, ore and coal handling docks, and other harbor improvements and for furnishing Raymond concrete piles. O. C. (Jack) Struthers, formerly with Pratt & Thompson, general contractors of Kansas City, is in charge of the Los Angeles office. The Raymond Concrete Pile Company is now building the five million dollar municipal grain elevator pier at Norfalk, Va., and was the contractor on the Atlantic City board walk.

P. S. Wind, 509 Eddy street, San Francisco, has perfected the Wind sand blast machine, especially designed for carving and lettering granite, marble, glass, wood and other materials, also being adaptable for cleaning castings, metals for plating and automobiles for painting. The machine claims economy of air in operation, adjustability, light construction and cheapness of price.

The Duro Pump & Manufacturing Company, Dayton, Ohio, has issued a Data Book and Standard Specifications covering Duro Pumps and Water Supply Systems. The book furnishes vital data and specifications covering the installation of electric and gasoline driven water supply systems and household pumps.

Fred L. Johnston has resigned as city manager of Santa Barbara, to take effect October 1, next. He announces that he will re-establish the firm of Johnston & Johnston in partnership with his father, John T. Johnston, who is now engaged in the realty business in Santa Barbara.

Plant of Pacific Enameling & Manufacturing Co., 880 Sixtieth street, Oakland, on August 29, suffer a fire loss totaling approximately $20,000.

Just The Core

Bishop—$1,650,000 bond issue carried by Owens Valley Irrigation District.

Chico—A modern demonstration fruit evaporator is being installed.

Chowchilla—3600-acre tract to be subdivided into 20 and 40-acre plots.

Crockett—C. & H. Corporation plans to build twenty-five new homes.

Exeter—Packing plant planned by California State Olive growers.

Glendale—Thime Hosiery Company plans early construction of $1,000,000 plant.

Hardwick—Southern Pacific plans $65,000 steel bridge across Kings River.

Hemet—$40,000 packing plant planned by Hemet Orange Growers Association.

Kern County—$1,000,000 to be spent on 38 miles of new highway.

Korbel—Northern Redwood Lumber Company planning new railroad to tap lumber holdings on north fork of Mad River.

Lankershim — Work on $2,000,000 Veterans' Hospital to begin soon.

La Jolla—$250,000 modern seaside hotel to be built soon.

Livermore—Oso Products Company is establishing branch soap factory.

Lodi—Pioneer System of Pre-Cooling Plants — Constructing $25,000 plant which is the first of ten to be built.

Los Angeles—Santa Fe surveying for new line from Los Angeles to Bakersfield.

Marysville—$150,000 being spent on reclamation of 6600 acres in Yuba County.

Merced—8,000,000 tons of lime stone to be handled by modern cement plant, now being constructed.

Newport—30-acre deposit of "rotary mud," used for oil well casings, found in Santa Ana Heights.

Newport Beach—$500,000 to be spent in development of Pacific Electric Island.

Oakland—$750,000 terminal planned by Ocean Fruit Express Company.

Perris—Perris Mining Company developes feldspar-silica deposits.

Pittsburg—250 new cottages to be built; 10 are now under construction.

Pomona—New tile factory is being established.

Redlands—Jones Bros. Cider and Vinegar plant to be rebuilt.

Richmond—$100,000 being spent to fill 420 acres of marsh land.

Riverside—Riverside Products Co. will build concrete tile factory with capacity of 8,000 concrete tiles daily.

Roseville—P. G. & E. Co. installing new $21,400 equipment at Halsey Power House.

Sacramento—Construction of $2,000,000 Hotel Senator to be started soon.

San Andreas—Large manufacturer to operate Copperopolis asbestos property.

San Bernardino County—Southern Sierras Power Co. to locate $500,000 mill Creek Power Plant at Forest Home.

San Francisco—Western Vacuum Ice Co. plans ice manufacturing plant, with 100 tons daily capacity.

Santa Ana—Will have new plant manufacturing Johnson's quick demountable wheels and rims.

Sonoma—Dooley Doll and Toy Factory, Inc., considering location of factory.

Stockton—$100,000 hotel to be built.

Suisun—Work started on Carquinez Bridge at Marrow Cove.

Susanville—20,000,000 feet of timber is being cut at Meadow Brook Farm.

SAN FRANCISCO GETTING MANY NEW INDUSTRIES

Commercial enterprises entering the San Francisco field are smashing all records, 167 new concerns having been listed by the Industrial Department of the Chamber of Commerce during the week ending August 25.

"Business is good. Business is good," comments the tabulator as he speeds to keep up with the outposts reporting the industrial information.

The record shows that since January 1 of the current year, the Chamber of Commerce Industrial Department has listed 1851 newly established commercial enterprises. In addition to this total there have been 886 changes, removals and expansions adding to the unprecedented activity.

On the basis of 200 business days in the eight months, the total shows an average a shade above nine new enterprises in the commercial field every day during the period.

From January 1 to June 22 there were 1003 new enterprises and 483 removals and expansions.

NEW BRICK MARKET SEEN IN DWELLINGS

That a new and vast market in the field of housing is just being appreciated by brick makers is reported by the Common Brick Manufacturers' Association, which states that whereas in former years the ratio of frame houses to those of permanent type stood as about 89 to 11, the porportion is now rapidly changing and increased use of brick in home building is preceptible in every part of the country. It is said that in the past brick makers have looked principally to the larger jobs, and are just realizing that home building offers a dependable outlet, because homes are always being built through other construction may be at a standstill. Should each state make a gain of 1,000 brick houses this year, the consumption of brick would be increased 25 per cent over that for last year, states the report.

BUILDING EXHIBIT FOR EAST BAY EXPOSITION

One of the distinctive divisions of the third annual East Bay Manufacturers' Exposition to be held at Idora Park, Oakland, September 22-30, inclusive, as an outstanding feature of the Fiesta de la Laguna and Obapesia Week, will be that devoted to building materials and household appliances, manufactured in the East Bay area.

Arranging for this special exhibit is a committee headed by William Knowles architect who laid out this year's exposition; G. L. Richards of the Rhodes-Jamieson Co.; S. C. Irving of the Parrafine Paint Company; A. K. Goodman, roofing contractor, and Paul Morrison of A. Schlueter & Company.

UTICA FREE ACADEMY PUTS ON BRICKLAYING COURSE

Bricklaying has been added to the course of study at the Utica, N. Y., Free Academy.

With a shortage of bricklayers prevailing in Utica, as well as in other communities, and workmen getting average $12 a day for laying bricks, the Utica Board of Education has approved expenditures of about $800 for equipment and materials to conduct the course

First lessons will be given at the opening of the fall term. It is expected that at least 150 students will enroll. A bricklayer and a carpenter have been employed to teach the subjects.

Building News Section

APARTMENTS

To Be Done By Day's Work.
APARTMENTS Cost, $60,000
SAN FRANCISCO, S Pacific Ave. 97-6 W Franklin.
Three-story and basement frame (12) apartments.
Owner—Harry C. Warwick, 3769 Jackson St., San Francisco.
Architect — Ed Musson Sharpe 400 Montclair Ave., Oakland.

Contract Awarded.
APTS. & STORES Cost, $20,000
OAKLAND, SW 38th & Grove.
Two-story brick apts. and stores.
Owner—Guiseppe Merline.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—Murphy F. Hamilton, Albany.

Plumbing & Heating Contract Awarded
APT. HOTEL Cost, $500,000
SAN FRANCISCO, NW Taylor and O'Farrell Sts.
Twelve-story and basement Class A apartment hotel, 62x112-6.
Owner—Matthew A. Little, 535 Geary St., San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco.
Plumbing & heating awarded to C. Peterson Co., 390 6th St., at $86,000

Contract Awarded.
APARTMENTS Cost, $23,000
SAN FRANCISCO, SE Union & Steiner Streets.
Alter three-story frame building into 4 4-room apartments.
Owner—A. Zietrich, 2165 Union St., San Francisco.
Architect — Albert Fabre and Ernest Hildebrand, 110 Sutter St., S. F.
Contractor—Louis Cohn Co., 110 Sutter St., San Francisco.

Plans Being Re-figured—Bids Close Sept. 1, 1923, 1:30 p. m.
APARTMENTS Cost, $30,000
PITTSBURG, Contra Costa Co., Cal.
Two-story frame and stucco apt. house 12 3-room apts).
Owner—Mrs. Nohle Heath.
Architect—Jas. Narbett, 906 Macdonald Ave., Richmond.
Plans are on file in the office of the Contra Costa County Builders Exchange, Richmond.

Completing Plans—Owner To Take Sub-Figures Shortly.
APARTMENTS Cost, $200,000
SAN FRANCISCO, SW Jones and Sacramento Streets.
Six-story and basement reinforced concrete apartment building (70 2 and 3-room apts.)
Owner—Chas. Johnson, 36 Steiner St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.

Owner Taking Sub-Figures.
APARTMENTS Cost, $50,000
SAN FRANCISCO, Shrader & Hayes Sts
Three-story frame and brick veneer apartment house (15 2 & 4-room apartments)
Owner—Emil Nelson, 4837 Geary St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Owner Taking Sub-Figures.
APT. BLDG. Cost, $90,000
SAN FRANCISCO, E Franklin St. N Washington.
Four-story and basement class C apt. bldg. (18 4-room apts.)
Owner—L. D. Stoff, 919 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Owners Taking Segregated Figures.
APARTMENTS Cost, $18,000
SAN FRANCISCO, E Van Ness Ave. 163 N Broadway.
Three-story and basement frame (3) apartments.
Owner—F. C. Keck, Mason & Market, San Francisco.
Architect—Grace Jewell & Wm. Gunnison, associated, 57 Post St., S. F.

Segregated Figures Being Taken—Concrete & Elec. Work Awarded.
APARTMENTS Cost, $100,000
SAN FRANCISCO, N Bush 91-8 W Mason.
Six-story and basement concrete (35) apartments.
Owner—Jos. J. Angeli, 875 Bush St., San Francisco.
Architect—C. H. Barrett, 342 Grant Ave San Francisco.
Electrical work awarded to Crown El. Co., at $5750.
Concrete work to L. Vannucci, 16th & Mission Streets.

Plans Being Prepared.
WAREHOUSE Cost $—
FRESNO, Fresno Co., Cal., 1147 Van Ness Avenue.
One-story reinforced concrete warehouse.
Owner—Valley Fruit Co.
Architect—E. Mathewson, Cory Bldg., Fresno.

Plans Being Prepared.
APT. BLDG. Cost $100,000
FRESNO, Cal., Van Ness Ave., and Olive.
Fireproof apartment building.
Owner—Mrs. J. V. Story; 1249 M St., Fresno.
Architect—E. Mathewson, Cory Bldg., Fresno.

Plans Completed.
APARTMENTS Cost, $80,000
SAN FRANCISCO, S Pine 172 W Powell
Four-story and basement reinforced concrete (16) apartments.
Owner—Margaret E. Bell, 825 Pine St. San Francisco.
Architect—E. H. Denke, 1317 Hyde St. San Francisco.

LOS ANGELES, Cal.—E. M. Frasier, Regent Apts., 6th and Park View Sts., is preparing plans for a $1,500,000 10-story class A apt. bldg. to be erected at n.e. corner Hollywood Blvd. and Ivar St. by the Richardson Bldg. & Engr. Co. 141 N. Larchmont Blvd. for a syndicate headed by F. A. Powell and B. E. Harrison. It will contain 170 single and double apts.

LOS ANGELES, Cal.—Geo. E. Barrett Jr., and Frazier McIntosh, 931 Bartlett Bldg., have secured a 99-year lease on the property at n.e. cor. 6th St. and Rampart Blvd. and contemplate the erection of a 12-story class A reinf. conc. and brick apt house to contain 256 rms. The site is 140x180 ft.

LOS ANGELES, Cal.—L. A. Smith, Lilly-Fletcher Bldg., 3rd St. and Western Ave., has completed plans for a 3-story apt. bldg. to be erected at 503 Union St. for S. Cooper; will contain 72 rooms, divided into 36 apts. Frame and plas. constr., 3-story and part basement, comp. rfg., hardwd. and O. P. fls., gas rads., aut. water htr., tile baths and drainbds., wall beds, O. P. trim, metal skylights.

PASADENA, Cal.—Myron Hunt, 1107 Hibernian Bldg., and Walter Webber, 1017 Hibernian Bldg., L. A., assoc. architects, have prepared plans and are taking bids for erecting a 3-story and basement class C apt. house at 149 S. Los Robles Ave., Pasadena, to be called the Stanley Apartments. It will contain 83 rms. and 40 baths; cafe and complete kitchen, storage room with lockers and laundry in the basefront, tile and comp. rfg., pine and birch trim, white enam. finish, oak fls., tiled baths, steam htg., aut. elevator, Terrazzo fl. in cafe, ornam. iron balconies; cost $150,000.

LOS ANGELES, Cal.—Harlan A. Page Jr., 406 Acacia St., has purchased the cor. of E. Palmer Ave. and Mariposa St. and will erect a 4-story class C apt. bldg.; it will contain between 80 and 100 apts. and will be of brick construction, 4-story and basement, 152x186 ft., press. brick facing, comp. rfg., gas htg., elevator, etc.

BONDS

MARYSVILLE, Yuba Co., Cal. — Feather River Union School District No. 10 failed to vote bonds of $30,000 at recent election, to finance construction of new school.

SALINAS, Monterey Co., Cal. — The $80,000 bond issue of the Gonzales Union High School District has been sold by the county supervisors. Proceeds of the sale will finance erection of new high school.

SAN FRANCISCO—Board of Supervisors has received word from New York attorneys of approval of legality of $12,000,000 school bond issue.

SACRAMENTO, Cal.—Until Sept. 17, bids will be rec. by county supervisors for purchase of $17,000 bond issue of Florin School District; proceeds of sale to finance school improvements. Woollett & Lamb, Mull Bldg., Sacramento, are the architects.

WATERFORD, Stanislaus Co., Cal — Roberts Ferry Union School District votes direct tax of $3200 to finance school improvements.

CHURCHES

Plans Being Prepared.
CHURCH Cost, $60,000
SAN FRANCISCO, Courtland Ave. near Mission St.
Owner—St. Kevin's School.
Architect—Geo. McCrea, 369 Pine St., San Francisco.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. S.F.
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO, CALIF.
PHONE SUTTER 5917

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

Figures To Be Taken Next Week.
CHURCH Cost, $65,000
OAKLAND, Cal., Excelsior Ave., near Park Blvd.
Reinforced concrete church with slate roof.
Owner—St. Margaret's Parish.
Architect—Geo. E. McCrea, 369 Pine St., San Francisco.
Bids will be taken from a selected list of contractors.

Bids Opened—Contracts To Be Awarded To Low Bidders.
CHURCH Cost, $45,000
BERKELEY, Northbrae.
Frame and stucco church.
Owner—Northbrae Methodist Episcopal Church.
Architect—Geo. Rushforth, 354 Pine St. San Francisco.

General Contract

Thos. Cuthbertson, 1766 12th Ave., San Francisco	$38,347
Walter Murch, Oakland	39,528
H. P. Nelson	42,160
J. M. Bartlett	43,190
Isaac Penny, S. F.	46,999
Alfred Vogt, S. F.	48,862

Plumbing

Carl T. Doell, 467 21st St., Oakland	$1657
A. M. Poulsen	1874
Chas. W. Knights	1923
Berkeley Plumbing Co.	2096.50

The heating and ventilating bids will be taken at a later date.

Preliminary Plans Prepared.
CHURCH. Cost, $25,000
SAN LEANDRO, Alameda Co., Cal.
Frame and stucco church.
Owner — San Leandro Presbyterian Church
Architect—Walter O. Lewis, % Powers & Ahnden, 460 Montgomery St., San Francisco.

Preliminary Plans Prepared.
CHURCH $100,000
BURLINGAME, San Mateo Co., Cal.
Two-story and basement hollow tile and brick church with cement exterior and tile roof.
Owner—First Methodist Church.
Architect—Paul V. and Rollin S. Tuttle, Associated, 557 12th St., Oakland.

LOS ANGELES, Cal.—St. Basil's Parish of the Catholic Church has purchased a site at the northeast corner of Willshire Blvd. and Harvard Blvd. and contemplates the erection of a $500,000 cathedral. The present church building at Seventh and Catalina Stss. will be moved to the new site and used temporarily. Father E. R. Kirk is the pastor.

FACTORIES AND WAREHOUSES

Plans Completed.
FLOTATION PLANT Cost, $25,000
BERKELEY, Alameda Co., Cal., 615 University Ave.
One-story flotation plant.
Owner—Geo. A. Moore & Co., 212 California St., San Francisco.

Plans Being Figured—Bids Close Aug. 31, 1923, noon.
LAUNDRY Cost—
SAN FRANCISCO, Van Ness Ave. and Filbert St. (St. Elizabeth's Infant Shelter)
Two-story class C laundry bldg.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—Leo J. Devlin, Pacific Bldg San Francisco.
Bids are being taken for a general contract, electrical work, power plant equipment and heating. The electrical bids will be opened early next week.

Additional Contracts.
LAUNDRY Genl Contr. price $47,676
SAN FRANCISCO, Howard and Fallmouth Streets.
One-story & mez. floor, reinforced concrete laundry building 90x160.
Owner—Hotel Owners' Laundry Association.
Architect—Meyer & Johnson, Bankers' Investment Bldg., San Francisco.
Contractors—Fennell & Chisholm, 180 Jessie St., S. F.
Plumbing awarded to E. Sugarman 4415 California St., S. F.

Contract Awarded.
LOFT BLDG. $25,000 approx.
SAN FRANCISCO, S Mission St. W Seventh St.
Two-story and basement concrete loft building, 25x160.
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 185 Stevenson St., San Francisco.

Plans Being Prepared.
ADDITION Cost—
OAKLAND, Foothill Blvd. and 69th Ave
One-story and basement reinforced concrete addition to automobile factory.
Owner—Chevrolet Motor Co., of California, premises.
Architect—Engr. Dept. of Owner.

Grading Contract Awarded—Sub-Figures To Be Taken Shortly.
STORAGE BLDG. Cost—
SAN FRANCISCO, NE Geary & Emerson Sts.
Seven-story reinforced concrete storage building.
Owner—Bekins Fireproof Storage Co., 13th and Mission Sts., San Francisco.
Engineer — Edw. T. Flaherty, I. W. Hellman Bldg., Los Angeles (deceased).
Contractor—Clinton Construction Co., 923 Folsom St., S. F.
Grading awarded to Farrar & Carlin grading Co., 180 Jessie St., S. F.

Contractors Taking Sub-Figures.
FACTORY Cost $—
OAKLAND, Cal., 1001 22nd Ave.
Large 1-story brick factory bldg.
Owner — California Wire Cloth Co., premises.
Architect—Engineering Dept. of Owner
Contractor — MacDonald & Kahn, 130 Montgomery St., S. F. and 1916 Broadway, Oakland.

Plans Being Prepared.
ICE CREAM PLANT Cost $—
OAKLAND, 5th Ave., & E 11th St.
One-story brick milk and ice cream plant.
Owner—Mutual Creamery Co.
Architect—A. W. Smith, American Bk. Bldg., Oakland.

LOS ANGELES, Cal.—L. A. Smith, Lilly-Fletcher Bldg., 3rd and Western Ave., has completed plans for a 3-story class C loft bldg., to be erected on Wall St., near Pico St., for Lloyd & Casler, 409 Jr. Orpheum Bldg. Brick walls, 3-story, and part basement, 44x150 ft., comp. rfg., cement and maple fls., steel sash, wire glass, sprinkler sys., elec. elevator, struc. steel. Owner will erect by day labor and subcontract.

SAN PEDRO, Cal.—The San Pedro Lbr. Co. has started work on a $120,000 planing mill on the Wilmington-San Pedro road. The mill will employ 70 men.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

CALDOR, El Dorado Co., Cal.—California Door Co., George E. Wilson, manager, is planning to rebuild its mill recently destroyed by fire. New equipment will be installed.

FRESNO, Fresno Co., Cal.—California Chain Stores Co., Los Angeles, E. C. Dearth, general manager, conferring with Chamber of Commerce regarding the establishment of a milk condensary plant with a daily capacity of 50,000 gals. J. C. Brandon, secretary of the Industrial Department of the Fresno Commerce Chamber, is in charge of the project.

LOS ANGELES, Cal.—Winter Constr. Co., 200 L. A. Ry. Bldg., have the cont. at $111,000 to erect a 2-story class A meat packing plant, at 1337 Willow St., for the John Morrell Co. Simeon Charles Levi, 329 Douglas Bldg., resident archt. for Henschion & McLaren, engrs. of Chicago. Dimensions, 80x140 ft., reinf. conc. constr., basement, comp. rfg., concrete fls., steel sash, refrigerating system, hollow tile smoking rooms, cork insulation, elec. elevator, cold storage doors, boilers, designed for future story.

SPOKANE, Wash. — Western Fruit Express is having plans prepared for a group of shop buildings to be erected here at a cost of $200,000. Ralph Budd, president of the Great Northern Railway, heads the company.

LOS ANGELES, Cal.—Articles of incorporation have been filed at Sacramento by the Pacific Coke and Coal Company which plans to construct a steel plant in the Los Angeles Harbor District. The company is organized under the laws of Delaware and capitalized at $7,500,000 with $2,500,000 in preferred stock and 50,000 shares of no par common stock.

LOS ANGELES, Cal.—Archt. William F. Bowen, 813 Union League Bldg., has completed preliminary plans for a class A storage warehouse to be erected at cor. Slauson and Vermont Aves., for I. Nussbaum, 5806 S Vermont Ave. Reinf. conc. constr., 5-story and basement, 96x214 ft., conc. exter., comp. rfg., conc. fls., springler system, steel sash, 3 elec elevators, steel rolling doors, wire glass; cost $300,000.

FLATS

Plans Completed.
FLAT BLDG. Cost, $10,000
SACRAMENTO, Cal. No. 720 17th St.
Two-story (5) flat building.
Owner—Mrs. Nancy Chalmer, 1630 H St., Sacramento.

Contract Awarded.
FRAME FLATS Cost, $10,000
SAN FRANCISCO. N Chestnut 219 W Van Ness Avenue.
Two-story and basement frame (2) flats.
Owner—Anna L. Cole, 1234 Filbert St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., 5324 Geary St, San Francisco.

Contract Awarded.
FLATS, ETC. Cost $12,000
SAN FRANCISCO, S Bay 87-6 E Gough.
Two-story and basement frame and stucco flats (2 5-room flats and garage, large billiard room and dressing room on roof.
Owner—R. E. Callahan.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—John Eldrup, 3723 Market St., San Francisco.
Contract includes all work except painting, wall beds, light fixtures, shades and hardware.

To Be Done By Day's Work.
FLATS $11,000 each
SAN FRANCISCO, W Baker 50 & 75 S Greenwich.
Two 2-story and basement frame flat bldgs. (2 flats each)
Owner—W. W. Rednall, 2500 Filbert St., San Francisco.
Plans by owner.

GARAGES

Permit Applied For.
GARAGE Cost $—
SAN FRANCISCO, SW 17th and Valencia Streets.
One-story reinforced concrete garage 222 by 312 feet.
Owner—Jas. D. Phelan.
Contractor—Arthur G. Scholz, Phelan Bldg., San Francisco
Manager of Construction—J. E. Scully, Phelan Bldg., S. F.

Plans Being Prepared.
STORE & GARAGE Cost—
SAN JOSE, Santa Clara Co., Cal., SE 8th and Santa Clara Sts.
One-story store and garage bldg. (stone tile).
Owner—K. T. Romie of Stone-Tile Mfg Co., San Jose.

Plans Being Prepared.
GARAGE BLDG. Cost —
SAN FRANCISCO, S Market St. 216 E 15th St.
Two-story and basement reinforced concrete garage bldg. with gasoline storage tank of 600 gals.
Owner—Joseph Pasqualetti, Humboldt Bank Bldg., San Francisco.
Contractor — American Concrete Co., Humboldt Bank Bldg., S. F.

Completing Plans.
TERMINAL Cost, $200,000
LOS ANGELES, Cal., 6th and Los Angeles Sts.
Two-story and basement reinforced concrete auto stage terminal.
Owner—Louis R. Lurie, S. F.
Lessee—Pickwick Auto Stage Co.
Architect—O'Brien Bros, 318 Montgomery St., San Francisco.

Contract Awarded.
GARAGE Cost, $21,400
OAKLAND, SE 7th & Filbert Sts.
One-story brick garage.
Owner—L. C. Bruzzone & D. Boero.
Architect—A. W. Smith, American Bk. Bldg., Oakland.
Contractor—G. A. Scott, 685 23rd St., Oakland.

LOS ANGELES, Cal.—L. A. Motor Bus Co., L. A. Ry. Bldg., has had plans prepared by its engr. dept. for a 1-story and part 2-story garage and office bldg. to be erected at 1021 N. Virgil St. Dimensions, 211x174 ft., br. walls compl. rfg., reinf. conc. fls., hydro-elec. elevator, steel sash, wire and plate glass, gas steam rads., auto washer, met. skylights, metal lath, wood trusses, steel rolling doors, lockers, struc. steel, cem. and O. P. fls., sprinkler sys. waiting rm., repair shop, offices, rest rms., press. brick facing; cost $65,000.

ROSEVILLE, Placer Co., Cal.—F. E. Michael, Roseville, awarded contract by T. A. Mealia to erect garage building 200 ft. long with portions 50 ft. and 62 ft. wide.

LOS ANGELES, Cal.—Architect W. Douglas Lee, 400 Sun Drug Bldg., is completing plans for a 4-story class A garage bldg., to be erected at 1348 S. Figueroa St., for Mrs. Costello, and to be occupied by the J. V. Baldwin Motor Co., 1201 S Figueroa St. Reinf. conc. constr., 4-story and basement, 72x200 ft., cem. facing, art. stone or terra cotta trim, comp. rfg., cem. and tile fls., plate glass, steel sash, gas rads., 2 elec. elevators, metal skylights, wire glass, ornam. iron work.

LOS ANGELES, Cal. — Los Angeles Motor Bus Co. has had plans prepared and will take bids this week through its engr. dept., 806 L. A. Ry. Bldg., for a 1-story and part 2-story garage and office bldg., to be erected at 1021 N. Virgil St. Dimensions, 211x174 ft., reinf conc. fls., brick walls, comp. rfg., hydro elec. elevator, steel sash, wire and plate glass, wood roof trusses, steel rolling doors, metal skylights, auto washer, gas steam rads, lockers, cem. and O. P. fls., sprinkler system, struc. steel; repair shop, waiting rms, offices, restrooms, press. brick facing; cost, $65,000.

GOVERNMENT WORK AND SUPPLIES

ing received by Bureau of Supplies & Accounts, Navy Department, for fur. and del. following materials to Navy Yards; date for opening bids as noted at end of each paragraph:

Schedule 1239, for Mare Island, 50,000 lbs. cotton rags, Sept. 18.

Schedule 1242, for Puget Sound, 800 gals. asphaltum varnish (date not set).

Schedule 1243, for Puget Sound, 1000 lbs. artificial vermilion and 1000 lbs. of lampblack, in oil; Sept. 18.

Schedule 1244, for Mare Island, 50,000 lbs. zinc oxide, Sept. 11.

Schedule 1245, for various eastern & western yards, miscellaneous quantity of tube expanders, Sept. 11.

Schedule 1246, for Mare Island, 200 tons pig iron, Sept. 11.

Schedule 1251, for Mare Island, 7000 gals. petroleum spirits, Sept. 18.

Schedule 1255, for Norfolk and Mare Island, 51,850 paint cans, Sept. 11.

Schedule 1258, for Norfolk and Mare Island, 15,352 sq. ft. asbestos millboard, Sept. 18.

SAN FRANCISCO—Until Sept. 11, 11 a. m., bids will be rec. by U. S. Engineer, 85 2nd St., under Order No. 4776-483, for fur. and del. one impeller of cast steel for pump of suction dredge. Further information obtainable on request.

SAN FRANCISCO—Until Sept. 11, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4777-486 for fur. and del. O. P. and R. W. lumber at U. S. Engineer Wharf, Rio Vista, Solano county. Lists of Materials desired obtainable on request.

SAN DIEGO, Cal.—Until Sept. 12 bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., to construct roads and walks at San Diego, Calif. Work provided for under Specification No. 4901. Plans obtainable on deposit of $10.

PEARL HARBOR, T. H.—W. F. Martens, 112 Cutler Bldg., Rochester, N. Y., at $80,405.50, time for completion 280 days, awarded contract by Bureau of Yards and Docks, Navy Department, under Specification No. 4760, to construct additional storage facilities at Pearl Harbor, T. H.

PUGET SOUND, Wash.—Bureau of Yards and Docks, Navy Department, has cancelled Specification No. 4893 for interior painting of Marine Corps quarters at Puget Sound, Wash., navy yard.

PEARL HARBOR, T. H.—Board of Yards and Docks, Navy Department, has cancelled Specification No. 4815, providing for installation of refrigerating equipment at Pearl Harbor, T. H.

SEATTLE, Wash.—Until Sept. 10, 11 a. m., bids will be rec. by Alaskan Engineering Commission, Bell Street Terminal, for fur. and del. under Circular No. 620, the following materials: Sterling Water-tube Boiler, track spikes, frogs, guard rails, guard rail clamps, end blocks, switchpoints, switchstands, and railroad crossings. Further information regarding this circular may be had from San Francisco offices of Commission, 306 Customhouse.

PUGET SOUND, Wash.—Bureau of Yards and Docks, Navy Department, has cancelled Specification No. 4894 for repairs to Marine barracks Nos. 1, 2 & 4, at Puget Sound, Wash.

PUGET SOUND, Wash.—Plans are obtainable from the Bureau of Yards and Docks, Navy Department, Washington, D. C., and bids will be asked shortly for the erection of three 200-ft. radio masts at Puget Sound Navy Yard, work being provided for under Specification No. 4897. Deposit of $10 required for plans, obtainable from Bureau.

SAN FRANCISCO—Until Sept. 5, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4785-483, for fur. and del. Rio Vista, Solano county: miscellaneous kitchen equipment.

WASHINGTON, D. C.—Until Sept. 4, 10.30 A. M., bids will be rec. by Purchasing Offices, Panama Canal, under Circular No. 1553, for fur. and del. Balboa (Pacific Port), following materials: Steel Cable, Sheets (iron, copper and brass), Special Bronze, Pig Lead, Bolts, Jacks, Storage Batteries, Inspirators, Tackle Blocks, Air Hose, Leather Belting, Brake-band Lining, Magnesia Pipe Covering, Quicklime, Lumber, (poplar, maple and creosoted southern yellow pine), and Creosoted Southern Yellow Pine Bridge Ties. Further information regarding this circular may be obtained from Assistant Purchasing Agent, Fort Mason, San Francisco.

HALLS AND SOCIETY BUILDINGS

Commissioned To Prepare Plans.
LODGE BLDG. Cost, $100,000
SANTA BARBARA, Cal.
Two-story class A lodge bldg.
Owner—Elks of Santa Barbara.
Architect—Carl Werner, Santa Fe Bldg. San Francisco.

Preliminary Plans Prepared.
STORE & LODGE Cost, $175,000
BERKELEY, Alameda Co., Cal., Milvia St. and Shattuck Ave.
Three-story brick or concrete store and lodge building.
Owner—Knights of Columbus, Walter Chowen, pres.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Permission has been obtained to sell the bonds.

Plans Being Figured.
DANCE PAVILION Cost, $100,000
OAKLAND, Broadway near 19th.
Two-story and basement class B rein. conc. store and dance pavilion.
Owner—J. F. Hassler.
Architect — Schirmer - Bugbee Co., Thayer Bldg., Oakland.
Figures are being taken for a general contract.

Working Drawings Being Prepared.
STORES & LODGE Cost, $32,000
LOS BANOS, Merced Co., Calif., 6th and K Streets.
Three-story and basement brick and tile stores and lodge rooms, 60x100 feet.
Owner—Masonic Lodges of Los Banos.
Architect — Henry F. Starbuck, 2550 Merced St., Fresno.

Steel Contract Awarded.
STORE, ETC. Cost, $1,000,000
SAN FRANCISCO, N Post St., between Powell and Mason Sts.
Thirteen-story class A store and club building.
Owner—Elks' Club.
Architect—Meyers and Johnson, 742 Market St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St., San Francisco.
Contractors — R. McLeran Co., Hearst Bldg., San Francisco.
Steel contract awarded to Golden Gate Iron Works, 1541 Howard St., at $140,000.

Completing Plans.
CLUB & STORE Cost, $—
OAKLAND, Cal., Clay St., bet. 12th and 13th Streets.
Six-story class A club and store bldg.
Owner—Athens Athletic Club.
Architect—Wm. Knowles, Central Bk. Bldg., Oakland.
Contractor—MacDonald & Kahn, 130 Montgomery St., S. F. and 1916 Broadway, Oakland.
Wrecking of the building has been started. Plans will be completed in about 60 days.

SACRAMENTO, Cal. — The Scottish Rite Cathedral Association has purchased the entire block of 28th, 29th, K and L Sts., as a site on which it is proposed to erect a new temple to replace the present structure, erected in 1917. The present quarters it is said, are already overcrowded. Officers of the association are: John Clauss, president; F. F. Atkinson, vice president; Adolph Teichert, treasurer; F. A. Edinger, F. R. Swain, E. C. Hopkins, Dr. G. Parker Dillon, J. H. Heldhusen and J. C. Boyd.
Plans for the present structure were prepared by Architect Carl Werner, Santa Fe Building, San Francisco.

SEBASTOPOL, Sonoma Co., Cal. — The Sebastopol Pythian Castle Association, capitalized at $75,000, has been organized for the purpose of financing construction of a modern lodge building. Directors of the association are: J. B. and T. J. Bridgford, L. E. Totman, H. B. Scudder, Louis Ceroghino, J. B. Darby and A. S. Huck, all of Sebastopol.

WOODLAND, Yolo Co., Cal.—R. G. Lawson, member of the Building Committee of Elks' Lodge, announces construction will be started in September on the proposed $85,000 lodge hall, a 2-story reinforced concrete structure to be erected at Bush and College Sts. Articles for a building association to finance construction have already been filed with the county clerk. W. H. Weeks, 369 Pine St., S. F., is the architect.

VISALIA, Tulare Co., Cal. — County supervisors contemplate levying direct tax to finance construction of American Legion memorial buildings in various towns and cities of the county.

HOSPITALS

Plans Being Prepared.
HOSPITAL Cost, $—
SONOMA, Sonoma Co., Cal.
One-story and basement hollow tile hospital.
Owner—Sonoma Valley Hospital, Mr. and Mrs. Crane.
Architect—Frank W. Dakin, 310 California St., S. F.

New Plans Being Prepared.
HOSPITAL Cost, $70,000
SAN FRANCISCO.
Four-story and basement class C hospital.
Owner—Chinese Six Co.
Architect—O'Brien Bros., 318 Montgomery St., San Francisco.
A new lot has been purchased and new plans are being prepared.

REDWOOD CITY, San Mateo Co., Cal. Until Sept. 17, 10 a. m., bids will be rec. by Elizabeth M. Kneese, county clerk, for fur. and installing X-ray equipment in the new county hospital building. Will H. Toepke, architect, 74 New Montgomery St., San Francisco. Cert. check 10% payable to County Treasurer req. Plans on file in offices of clerk and obtainable from architect.

BAKERSFIELD, Kern Co., Cal. — Until Sept. 17, 10 a. m., bids will be rec. by F. E. Smith, county clerk, to replace roofs and for other repairs on boiler house and morgue building at the Kern county hospital. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to county clerk req. Plans obtainable from architect.

SAN PEDRO, Cal.—Archt. Edward Cray Taylor and Ellis Wing Taylor, engr., 713 W 8th St., have completed plans and are taking bids for a 40-bed hospital to be erected at n.w. cor. Patton and 7th Sts., San Pedro, for the Harbor Hospital Assn. Frame and plas. constr., 1-sto. and basement, comp rfg., cem., O. P. and tile fls., gas rads., metal lath, incinerator, metal skylights aut. water htr., plate and wire glass, steel sash, terrazzo fls., operating rms, 2 wards and 24 private rms.; $45,000.

SAN FRANCISCO—Date for opening bids to repair elevators in San Francisco hospital has been extended by the Board of Public Works from Aug. 29 to Sept. 19. Plans for this work obtainable from Bureau of Architecture, Third Floor, City Hall.

VISALIA, Tulare Co., Cal.—Supervisors of Kings and Tulare counties commission Architect Anton Johnson, Kingsburg, to prepare plans for childrens' tuberculosis ward building to be erected at Springdale. The estimated cost is $40,000. Plans will be ready for adoption about Sept. 20.

SANTA CRUZ, Santa Cruz Co., Cal. Public mass meeting has been called by county supervisors to consider levy of tax to finance construction of new county hospital buildings. Henry H. Meyers, Kohl Bldg., San Francisco, is the architect.

HOTELS

Contract Awarded.
ALTERATION Cost $15,000
SAN FRANCISCO, NE Van Ness & Fern Avenues.
Renovate, construct new bathrooms, extend elevator one story for rooming house.
Owner—Voorhees Estate.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Daniel R. Wagner, 540 Call Bldg., San Francisco.

OLYMPIA, Wash.—Grant Smith Co., Seattle, awarded contract by Olympic Hotel Corp., to erect fireproof hotel building for fixed fee of $125,000. Geo. B. Post & Sons, Architects.

LOS ANGELES, Cal.—Graham Constr Co., 529 Citizens Nat. Bank Bldg., have the contract at about $60,000 to erect a class C hotel bldg. at 721 E 6th St., for B. J. Saboda, Eugene Hotel; will contain 52-rms. with 50 per cent baths, lobby and store. Brick 3-story and part basement, comp. rfg., 50x100 ft. O. P. tile and cement fls., steam htg. sys., steel sash, plate and wire glass, tile entrance, art. stone trim, tile baths, unit water htr., O. P. trim.

ANTIOCH, Contra Costa Co., Cal.—Chamber of Commerce has appointed committee to submit report on proposal to oganize building corporation to finance construction of modern hotel. Committee consists of: Thos. Milan, Wm. Belshaw, Wm. Bloomfield, E. Sweeney and F. J. Silvia.

WE ARE all down.
* * *
AT CAPITOLA-By-The-Sea.
* * *
HAVING SOME fun.
* * *
AND HELPING to judge.
* * *
THE BATHING Girls' Revue.
* * *
AND EVERYTHING.
* * *
AND CLARENCE Sand Pratt, President.
* * *
OF THE Pratt Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
WILL NOT talk business.
* * *
UNLESS, OF course.
* * *
YOU NEED a carload.
* * *
OF CLEAN, sharp sand.
* * *
AND MY folks say.
* * *
DON'T START Clarence.
* * *
TO TALKING.
* * *
ABOUT HIS new rock company.
* * *
(THE PRATT Rock & Gravel Co.)
* * *
FOR SANDY never knows.
* * *
WHEN TO stop.
* * *
SANDY SEES a fortune.
* * *
IN THE crushing.
* * *
OF THE cobbles at Prattrock.
* * *
ON THE Tahoe-Placerville Highway.
* * *
NEAR FOLSOM, Sacramento County.
* * *
AND SANDY Pratt is asking.
* * *
HIS FRIENDS to share.
* * *
SOME OF his good fortune.
* * *
SANDY GAVE a carload.
* * *
OF CLEAN, sharp sand.
* * *
AND ANOTHER large carload.
* * *
OF CLEAN, hard rock.
* * *
AS PRIZES for "Builders' Day."
* * *
BUT IN the contest.
* * *
FOR A good trade name.
* * *
FOR SANDY'S new crushed rock.
* * *
YOU CAN win $100.00 worth.
* * *
OF PREFERRED stock.
* * *
OR $50.00 worth.
* * *
OF COMMON stock.
* * *
BOTH OF which are sure.
* * *
TO INCREASE in value.
* * *
IN A short time.
* * *
SOME OF Sandy's best friends.
* * *
AND CUSTOMERS, too.
* * *
ARE BECOMING stockholders.
* * *
AND LATER will be dividend receivers.
* * *
BUT SANDY is so busy.
* * *
TRYING TO have a good time.
* * *
AND HELPING.
* * *
THE OTHER fellow enjoy himself.
* * *
THAT SANDY has forgotten.
* * *
ALL ABOUT the new rock company.
* * *
AND ITS wonderful product.
* * *
PRATT'S CLEAN, hard rock.
* * *
"I THANK you."

Mr. N. O. Stockholder in Sandy Pratt's new crushed rock company, the Pratt Rock & Gravel Co. This man, Mr. Poor Judgment, and his sad family now see their terrible mistake, for Clarence Sand Pratt, President of the new company, at great length and with a flow of oratory that Julius Caesar would have been proud of, told this now sad man of the wonderful prospects and profits of the new company that Sandy Pratt is going to operate in conjunction with his three sand pits. These folks cried so hard that the tears ran down the stairs and drowned a baby, two parrots and a cat in the flat below.

LOS ANGELES, Cal.—See "Miscellaneous Buildings," this issue. Dormitory.

LOS ANGELES, Cal.—M. S. Evinger 1457 Ogden Dr., has a contr. to erect a $70,000 3-story, 75-room, brick hotel bldg. (Mark Twain Hotel) on Wilcox Ave., s. of Hollywood Blvd., for E. W. Stanfield. Plans by Webster & Chrysler, Markham Bldg., 6372 Hollywood Blvd. Stucco exter., tile and comp. rf., steam htg. The owner contemplates an 85x150 ft. garage at the rear and a store and shop bldg. adjoining.

MODESTO, Stanislaus Co., Cal.—H. E. Craig, Los Angeles, is planning the erection of a three-story brick and steel hotel building at Seventh and I streets, this city. The site has already been purchased.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Groose Bldg., has completed plans and is taking bids on separate contrs. for a class C hotel bldg., to be erected on Santa Monica Blvd. near Western Ave., for Mrs. M. L. Garrigus; will contain 100 rms. each with bath and dressing rm. and stores and shops on first fl. Brick walls, 4-story, basement, press. brick facing, art stone trim, steam htg. sys., mech. vtg. sys., comp. rfg., aut. elec. elevator, tile baths, plate glass, metal store fronts, metal lath, ornam. iron. Cost $125,000.

LOS ANGELES, Cal. — Archt. Leonard L. Jones, 603 Groose Bldg., is completing plans for a 4-story class C hotel bldg., to be erected at 910 W 10th St., for Mrs. Thomas; will contain large lobby and 95 rms., with 70 per cent baths. Brick walls, basement, 48x162 ft. comp. rfg., O. P. tile and hardw. fls., steam htg. sys., press. brick facing, steel sash, plate and wire glass, O. P. trim, storage water htr., elec. elevator, ornam, iron work, struc. steel, metal lath.

POWER PLANTS

OLYMPIA, Wash.—Allen R. Moore, Mt. Vernon, applies to Marvin Chase, state supervisor of hydraulics, for water appropriation for $100,000 hydro-electric project. Plans construction of concrete diversion dam, 160-ft. on top and 100-ft. at bottom with spillway over the rim rock; power for use in Skagit county, Wash.

CARMICHAEL, Sacramento Co., Cal.—Petition presented to county supervisors seeking formation of public utility district for the distribution of electricity to each tract in the Carmichael district. An attempt made a year ago to form a similar district was blocked due to the law. The last legislature revised the law which prompts another election.

SEATTLE, Wash.—Company engineers of Puget Sound Light and Power Co. have completed plans for three-story concrete and steel substation to be erected at Union and Western Aves; est. cost $50,000.

WELTON, Ariz.—The $200,000 bond issue advertised for sale by the Gila Valley Power Dist. is for the purpose of building a power line from Yuma to Wellton and through the dist. together with sub-stations, etc. W. R. Elliott, Phoenix, Ariz., is the engr. in charge. Mrs. Marie B. Hindman, Wellton, secy.

PUBLIC BUILDINGS

Plans Being Prepared.
POST OFFICE Cost $200,000
OAKLAND, Cal., Willow St., bet. 15th and 16th Sts.
Two 1-story reinforced concrete and steel post office bldgs.
Lessee—U. S. Government.
Owner—Oakland Building & Mortgage Co., 308 12th St., Oakland.
Designer & Contractor—Schuler and McDonald, 308 12th St., Oakland.
The Government has leased the bldg. for a period of 10 years.

NAPA, Napa Co., Cal. — Napa City Council has endorsed movement seeking construction of American Legion proposed Memorial Hall and Civic Auditorium and has adopted resolutions urging the county supervisors to levy direct tax to finance construction of such a structure.

RED BLUFF, Tehama Co., Cal.—Allen and Allen, Red Bluff, at $1024 awarded contract by county supervisors to install lawn sprinkling system in courthouse grounds.

FULLERTON, Orange Co., Cal.—Until 10 a. m., Sept. 11, bids will be rec. by city trustees for the erection of the new city hall bldg. in accordance with plans prepared by Archt. W. Horace Austin, First Natl. Bank Bldg., Long Beach, and John C. Austin, 1125 Detwiler Bldg., Los Angeles, assoc. archts. Bldg. will be 2-story, 105x103 ft., with loggia, assembly hall. Cost, $140,000. There will be an auditorium in the basement, with stage, motion picture apparatus, dressing rms. kitchen, etc.; chamber of commerce quarters, etc. besides main city offices. Steel and conc. construction, stucco and terra cotta exter., hardw., pine and marble trim, terrazzo fls. Palms and other tropical plants will be used to further the Spanish style. The site is Spadra Ave. and Whiting St. R. L. Wertz is gen. supt. for Horace Austin, Long Beach.

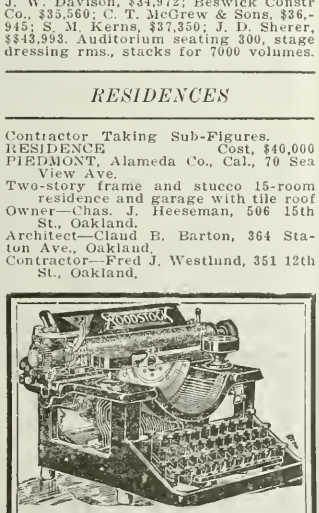
ANAHEIM, Orange Co., Cal. — City trustees have awarded a contract at $51,000 for the construction of a natatorium at Anaheim city park. The pool and necessary dressing rms., diving standards and other equipment, will cover a space 50x100 ft. M. Eugene Durfee, archt., 204 Samuel Kraemer Bldg., Anaheim.

SAN FRANCISCO—Board of Supervisors has received word from New York attorneys, advising of approval of legality of $2,000,000 Relief Home Bonds, recently voted.

LONG BEACH, Cal.—W. P. Hayes & Son, 1145 Cherry Ave., and 142 E 3rd St., Long Beach, were the low bidders at $32,579.50 for erecting the branch municipal library bldg. on Freeman Ave. near Anaheim Rd., Long Beach. Piper, Kahr, Dedrick & Bobbe, archts. Complete list of bids: W. P. Hayes & Son, $32,579.50; W. Jay Burgin, $34,500; J. W. Davison, $34,972; Beswick Constr Co., $35,560; C. T. McGrew & Sons, $36,945; S. M. Kerns, $37,350; J. D. Sherer, $$43,993. Auditorium seating 300, stage dressing rms., stacks for 7000 volumes.

RESIDENCES

Contractor Taking Sub-Figures.
RESIDENCE Cost, $40,000
PIEDMONT, Alameda Co., Cal., 70 Sea View Ave.
Two-story frame and stucco 15-room residence and garage with tile roof
Owner—Chas. J. Heeseman, 506 15th St., Oakland.
Architect—Cland B. Barton, 364 Staton Ave., Oakland.
Contractor—Fred J. Westlund, 351 12th St., Oakland.



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

Plans Being Figured.
RESIDENCE Cost—
PIEDMONT, Alameda Co., Cal.
Two-story frame residence (colonial style).
Owner—H. J. Knowles.
Architect—Albert Farr and J. F. Ward, Foxcroft Bldg., S. F.
Bids are being taken from a selected list of contractors.

Plans Being Figured.
RESIDENCE Cost, $30,000
PALO ALTO, Santa Clara Co., Cal.
Two-story and basement frame & stucco residence and separate garage.
Owner—F. A. Wickett.
Architect—Albert Farr and C. R. Ward, 68 Post St., San Francisco.
Figures are being taken from a selected list of contractors.

Plans Being Figured.
RESIDENCE Cost, $10,000
BURLINGAME, San Mateo Co., Cal.
Two-story frame and plaster residence.
Owner—Carl Torello, Burlingame.
Architect—Ernest L. Norberg, 409 Occidental Ave., Burlingame & Balboa Bldg., San Francisco.

To Be Done By Day's Work.
RESIDENCES Cost, $15,000
SAN FRANCISCO, SW Lake & McLaren Avenue.
Two 2-story and basement frame residences.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.

Completing Working Drawings—Ready For Figures in Two Weeks.
RESIDENCES Cost, $15,000 ea
SAN MATEO, San Mateo Co., Cal., Blythdale Ave.
Two 1½-story hollow tile residences.
Owner—G. T. Marsh et al.
Architect — Willis E. Huson, Chronicle Bldg., S. F.

Plans Being Figured.
RESIDENCE Cost, $15,000
SAN FRANCISCO, Portola Drive.
Two-story frame and plaster residence (8 rooms and garage).
Owner—Dr. Henry W. Nasser.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

Permit Applied For.
RESIDENCE Cost, $15,000
STOCKTON, San Joaquin Co., Cal., 140 East North St.
Residence.
Owner—Mrs. W. J. Young, 1444 N El Dorado, Stockton.

Plans Completed.
RESIDENCE Cost, $12,000
OAKLAND, W Merritt 400 S Wesley.
Two-story 9-room frame residence.
Owner—F. P. Summer, Lenox Apts., Oakland.
Architect—M. I. Diggs, 1901 Telegraph Ave., Oakland.

Plans Completed.
RESIDENCE Cost, $10,000
ALAMEDA, Alameda Co., Cal. Bay St.
Two-story frame and stucco residence.
Owner—L. J. Rissman.
Architect—Walter O. Lewis, % Powers & Ahnden, 460 Montgomery St., San Francisco.
Construction will not be started until March, 1924.

Contract Awarded.
RESIDENCE Cost, $10,000
PEBBLE BEACH, Los Angeles Co., Cal.
One-story frame and stucco residence.
Owner—Mrs. Edw. L. Bryton.
Architect — Miss Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor—M. J. Murphy, Carmel.

RESIDENCE Cost Approx. $15,000
PALO ALTO, Santa Co., Cal.
Two-story frame and stucco residence with tile or shingle roof (8 rooms and garage).
Owner—Dr. Jas. G. Sharp, Palo Alto.
Architect—John K. Branner, 251 Kearny St., San Francisco.
Contractor—The Minton Co., Mountain View, Cal.

BEVERLY HILLS, L. A. Co., Cal.—Archts Edelman & Barnett, 726 H. W. Hellman Bldg., have completed plans and will take bids next week for a 12-room Italian residence to be erected at Beverly Hills, for William Weisman. Hollow tile walls, 2-story, plas. exter., V-shape, 4 tile baths and drainbd, tile rfg., basement, hot water htg., hardw. fls and inter trim, tile marble mantels, vacuum cleaning system, ornam. iron; cost $40,000.

LOS ANGELES, Cal.—Arch. Wm. F. Bowen, 813 Union League Bldg., is preparing plans for a 16-unit residence court, to be erected at Cor. Evergreen St. and Blanchard Ave., for Mr. Keltz; each unit will contain 4 rooms. Frame and plaster constr., 2-story, comp. and tile rfg., hardwood flaars, tile baths and drainbds., gas rads., aut. water htrs., O. P. trim, wall beds, ornam. iron work. Cost, $50,000.

SCHOOLS

Plans Being Figured—Bids Close Sept. 24, 1923, 8 p. m.
SCHOOL Cost—
SANTA ROSA, Sonoma Co., Cal., Fremont School site.
Reinforced concrete school building.
Owner—Santa Rosa Grammar School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Figures are being taken for the following segregated contracts:
General contract.
Electrical work.
Plumbing.
Painting.
Window shades.
Cork carpets.
Blackboards.
Heating and ventilating.
See call for bids under Official Proposals.

Commissioned to Prepare Plans.
SCHOOL Cost, $40,000
ESPARTO, Yolo Co., Cal.
One-story 5-room reinforced concrete school.
Owner—Esparto Grammar School Dist.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.
To replace building recently destroyed by fire.

Ready For Figures This Week.
CONVENT Cost, $60,000
SAN FRANCISCO, Green St., between Steiner and Pierce Streets.
Two-story reinforced concrete parochial school and convent (St. Vincent de Paul Church).
Owner—Roman Catholic Archbishop of San Francisco.
Architect — Shea and Shea, Chronicle Bldg., San Francisco.
Figures will be taken from a selected list of contractors.

Commissioned to Prepare Plans.
SCHOOL Cost, $200,000
PASO ROBLES, San Luis Obispo Co., Cal.
Two-story and basement reinforced concrete high school.
Owner—Paso Robles Union High School District.
Architect—Orville L. Clark, Chapman Bldg., Los Angeles.
Preliminary Plans Prepared.
COLLEGE BLDGS. Cost, $2,000,000
OAKLAND, Alameda Co., Cal., Foothill Blvd. near San Leandro.
Group of fireproof college buildings.
Owner—St. Mary's College.
Architect—John J. Donovan, Tapscott Bldg., Oakland.

SAN FRANCISCO—Frank J. Reilly, 180 Jessie St., at $129,985 submits low bid to Board of Public Works for general construction of Portola Primary school to be erected in block bounded by Goettinger and Somerset Ave., Barrows and Bacon Sts. Will be frame construction.

P. J. Enright, 2720 McAllister St., at $10,850 low for heating and ventilating.

Butte Electric Equip. Co., 830 Folsom St., at $5233 low for electric work.

Thos. Skelly, 1344 9th Ave., at $8586 low for plumbing.

Complete list of bids follow:

General Construction

Frank J. Reilly	$129,985
Anderson & Ringrose	141,650
Mahoney Bros.	142,105
Carl H. Peterson	143,000
Beck & Kohn	149,837
Peters Construction Co.	168,300
P. J. Reilly	156,460
C. L. Wold	163,165
I. M. Sommer	173,453

Electrical Work

Butte Electric Eq. Co.	$5233
L. Flatland	5300
Standard Elec. Cons. Co.	5669
M. B. Ryan	5570
E. J. Doherty	6255
Central Electric Co.	6152
F. E. Newbery Co.	5500
Radelfinger Bros.	5465

Plumbing Work

Thos. Skelly	$ 8,586
A. Lettich	8,900
E. H. Hogan	10,990
J. E. O'Mara	9,700
C. Peterson Co.	10,200

Heating and Ventilating

P. J. Enright	$10,850
H. W. Moffatt	10,899
Knittle Cashel Co.	10,990
J. E. O'Mara	10,977
C. Peterson Co.	11,260
E. H. Hogan	14,952
A. Lettich	10,902
Scott Co.	11,160

SAN FRANCISCO—Geo. H. Trask, 39 Natoma St., San Francisco at $1291.32 submits low bid to fur. and install metal lockers in Horace Mann School. Other bids: Fred Medart Mfg. Co., $1,397.40; Waterhouse, Wilcox Co., $1473; Rucker Fuller Desk Co., $1707.

BAKERSFIELD, Kern Co., Cal. — Until Sept. 10, 1 p. m., bids will be rec. by Juan Lazada, clerk, Indian School District, Box 368, Bakersfield, to erect one-room frame school, 12 by 20 ft. Cert. check 10% req. with each bid. Plans obtainable from clerk.

FRESNO, Fresno Co., Cal.—Irwin and Hopkins, Fresno, at $4185 (structure complete) awarded contract by Alvina School District to construct 2-room addition to present school. Other bids for structure only were: Paul Mundt, Raisin City, $3990; V. K. McGinty, Fresno, $3992; Otto P. Johnson, Kingsburg $3944; E. B. Clark, Caruthers, $2965.

WHEATLAND, Yuba Co., Cal.—Trustees plan to levy direct tax for $30,000 to finance construction of new high school. Construction will not be started until the summer of 1924.

ALVISO, Santa Clara Co., Cal.—Until Sept. 8, 8 P. M., bids will be rec. by George Nicholson, Clerk, Alviso School District, to construct additions to present school. Wolfe & Higgins, Architects, Auzerais Bldg., San Jose. Cert. check, 10% payable to clerk req. Plans obtainable from architects.

LOS ANGELES, Cal.—L. Z. Brown, 4329 Melrose Ave., was low bidder at $47,657 for installing heating system in new John C. Fremont high school bldg.; Edwin Berstrom, archt. Other bids were: Thos. Haverty Co., $47,970; Lohman Bros., $48,484; W. W. Brooks, $48,800; J. Hokom, $49,600; Midgley Bros., $51,000; Williams Radiator Co., $52,400.

Palms School

Palms-Williams Radiator Co. was low bidder at $2500 for installing heating system in the new addition to the Palms school bldg. Other bids were: W. H. Robinson, $4283; L. Z. Brown, $4587; Western Engr-Constr. Co., $4705; Thos. Haverty Co., $4756; J. Hokom, $5755; W. W. Brooks, $5890; Midgley Bros., $5945.

LOS ANGELES, Cal.—J. F. Kobler, 301 N Ardmore Ave., was low bidder at $60,724 on the gen. contr. for erecting a new school bldg. at Palo Verde school site. Low bidders on other contracts were: Ora King on plumbing at $4862; Western Engr.-Constr. Co. on heating at $7540; Wickens & Empie on painting at $1692; Peerless Electric Co. on wiring at $2674.

LOS ANGELES, Cal.—J. S. Metzger & Son, 559 Mission Rd., were low bidders at $48,896 on the gen. contr. for erecting a new bldg. at Park Ave. school site; Farrar & Payne, archts. Low bidders on other contracts were: G. C. Sutton on plumbing at $4488; L. Z. Brown on heating at $4893; H. H. Mann on painting at $1034; Peerless Electric Co. on wiring at $2292.

LOS ANGELES, Cal. — Callahan, Schilling & Brown, 534 San Fernando Bldg., were low bidders at $33,189 for erecting a new bldg. at Sierra Vista school site. Low bidders on other contracts were: Coast Radiator Co. on heating at $550; Ora King on plumbing at $2570; Peerless Electric Co. on wiring at $1436; and Wickens & Empie on painting at $910.

SHAFTER, Kern Co., Cal.—Until Sept. 12, 1 P. M., bids will be rec. by N. E. Vandam, clerk, Poplar School District, to erect one-room concrete school. Cert. check 10% req. Plans obtainable from clerk at Shafter.

MILLER STATION, Fresno Co., Cal. —Until Sept. 5, 1 P. M., bids will be rec. by W. M. Dyer, Clerk, Los Deltas School District, to erect school building from plans by W. John. Cert. check 10% res. Plans obtainable from clerk.

LOS ANGELES, Cal.—Archt. H. F. Withey, 405 S Western Ave., has completed plans for a 2-story 15-rm brick school bldg. to be erected on Fries Ave. for board of education. Selected common brick facing, tile rf., reinf. conc. corridor fls. and stairways, maple finish fls., steam heat. Est. cost $110,000. Plans filed with city bldg. dept. and bids will be called for in about two weeks.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET
near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

LOS ANGELES, Cal.—Until 9 a. m., Sept. 12, bids will be received by the board of education for erecting new school bldgs. as follows:

For erecting a now bldg. at Sherman school site. Homer W. Glidden, archt. Brick constr., $90,000. Separate bids for general work, plumbing, wiring, heating and painting.

For erecting a new bldg. at Araon Ave. school site; brick constr.; $70,000. W. D. Lee, archt. Separate bids on general work, plumbing, wiring, heating and painting.

For erecting a new bldg. at Ramona school site, n.c. cor. Normandie Ave. and Santa Monica Blvd. Lyman Farwell archt. Plans revised by archt. dept. of board of education; brick constr.; $105,000. Separate bids on general work, plumbing, wiring, heating & painting.

For erecting a new school bldg. at Jefferson high school site; brick const. $10,000. Separate bids on general work, gas heating and electric wiring.

Plans and specifications for the above work may be obtained at the secretary's office, 730 Security Bldg.

SAN FRANCISCO—Mahoney Bros. at $3450 submits only bid to Bd. Pub. Works to furnish and install shooting gallery equipment in Mission High School.

BURLINGAME, San Mateo Co., Cal.—Bids will be received until Sept. 17, 1923 8 p. m., by Mrs. J. M. Vickerson, Clerk Burlingame Grammar School District for constr. 1-story frame and brick veneer 4-room and auditorium addition; cost $35,000, and a 2-room frame and plaster addition ($10,000) to present schools. E. L. Norberg, 407 Occidental Ave., Burlingame and Balboa Bldg., S. F., architect. **See call for bids under Official Proposals.**

ALHAMBRA, L. A. Co., Cal.—Until 7:30 p. m., Sept. 6, bids will be rec. by the board of education of Alhambra City high school district for erecting additions to the gymnasium at the high school site, Alhambra. Allison & Allison, 1405 Hibernian Bldg., archts. Bids will be taken separately on the general work and for plumbing and heating. One addition will be 23x26 ft. and will contain boys' showers; the other will be 25x57 ft. and will contain girls' showers and dressing rms.; 1-sto. brick constr., comp. rfg., metal skylights, cem. floors.

MERCED, Merced Co., Cal.—Until 8 p. m., Sept. 5, bids will be received by board of trustees of Merced union high school dist., for erecting the auditorium annex at Merced union high school site. Allison & Allison, 1405 Hibernian Bldg., L. A., archts. W. E. Bedesen, Merced, engr. Bids are being taken on segregated contr. basis.

HUNTINGTON PARK, L. A. Co., Cal.—L. W. Odell & Co., 958 S Vermont Ave., was low bidder at $26,095 on the gen. contr. for erecting a new girls' gymnasium bldg. at Huntington Park Union high school site; Alfred W. Rea and Chas. E Garstang, 905 Trust & Savings Bldg., archts. Low bidders on the other contracts were: Alhambra Wall paper & Paint Co. on painting at $1900; Geo. L. Patterson on wiring at $945; and Cora King on plumbing at $2860. The bldg will be 100x100 ft., brick constr., comp. rfg.

ESCONDIDO, San Diego Co., Cal.—Alexander Constr. Co., Huntington Park, was low bidder at $34864 with the only bid submitted for the bldg. compl. for erecting the first unit of an elementary school bldg., at Escondido Board of Education. A. C. Zimmerman, 836 H. W. Hellman Bldg., archt. Bids taken under advisement.

YREKA, Siskiyou Co., Cal. — Until Sept. 8, 10 a. m., bids will be rec. by Leile R. Steele, secretary Siskiyou Union High School District, to install vacuum steam heating system in branch high school at Sisson and for a vacuum steam heating system in branch high school at Weed. Separate bids are desired for each structure. Plans obtainable from secretary of district at Yreka on deposit of $10, returnable.

STOCKTON San Joaquin Co., Cal.—Until Sept. 14, 4 p. m., bids will be rec. by Ansel S. Williams, secy. Board of Education, Lindsay and San Joaquin Sts., for fur. and del. lumber. Lists of materials desired are available from secretary.

SAUSALITO, Marin Co., Cal.—Until Sept. 25, 8 p. m., bids will be rec. by C. W. Ellis, clerk, Sausalito School District, to replace toilet facilities, move out-buildings and construct new and re-roof old shed buildings. Plans obtainable from S. G. Ratto, Water St. near Princess St., Sausalito.

LOS ANGELES, Cal.—North Pacific Constr. Co., 1302 Detwiler Bldg., was awarded the general contract at $146,140 for erecting the new Fairfax high school buildings at Fairfax and Melrose Aves. John and Donald B. Parkinson, 42 Title Insurance Bldg., are the architects. The contr. was awarded on the original bid of $445,900 with an addition of $240 for lead gutters and valleys instead of galv. iron. Other contrs. were awarded as follows: Plumbing to W. W. Brooks at $33,600; painting to R. P. Tuttle & Co., at $11,989; and wiring to American Electric Constr. Co., at $20,480 The bids for heating were held under advisement and referred back to the building committee.

FRESNO, Fresno Co., Cal. — Until Sept. 10, 10 a. m., bids will be rec. by H. M. McLennan, clerk, Madison School District, Box 486, Fresno, to paint school buildings of district. Further information obtainable from clerk.

RICHMOND, Contra Costa Co., Cal.—Bids were opened on August 27 by W. T. Helms, secy. Richmond Union High School District, 235 Tenth St., to install hot water system in gymnasium at high school. Jas. T. Narbett, architect, 906 Macdonald Ave., Richmond.

The contr was awarded to Spiersch Bros., 322 13th St., Richmond .Following is a list of the bids received:

Spiersch Bros, Richmond	$2005
J. I. Collins, Richmond	2148
W. H. Picard, Oakland	2244
Abeele Co., S. F.	2325

HANFORD, Kings Co., Cal. — Until Sept. 12, 10 a. m., bids will be rec. by J. H. Smith, Paddock School District, to erect bungalow school building. Plans may be seen at office of County Supt. of Schools at Hanford.

SAUSALITO, Marin Co., Cal.—Until Sept. 25, 8 p. m., bids will be rec. by C. W. Ellis, clerk, Sausalito School District, to replace wooden shingles on s.e. side of roof of South school with asbestos shingles of quality approved by trustees of district. Further information obtainable from clerk.

BANKS, STORES & OFFICES

To Be Done By Day's Work.
STORE BLDG. Cost, $20,000
SACRAMENTO, Cal., 1300 J St.
One-story store building.
Owner—Wright & Kimbrough, 817 J St., Sacramento.

Plans To Be Prepared.
MARKET BLDG. Cost $—
SAN JOSE, Santa Clara Co., Cal., Santa Clara & 6th Sts.
One-story steel, corrugated iron or frame market bldg. (40 to 60 stalls and a oil service station).
Owner—Cooks Oil Co. (F. R. Cook, pres. Seymour, San Jose).

Sub-Contracts Awarded.
BUILDING Cost, $37,000
SAN FRANCISCO, N Stevenson 275 W 6th St.
Three-story and basement steel frame and concrete department store.
Owner—Wm. Ede Co.
Architect—Wm. Knowles, Hearst Bldg., San Francisco.
Contractor—Wm Knowles, Hearst Bldg San Francisco.
Steel awarded to Golden Gate Iron Works, 1541 Howard St., $9000.
Plastering to Peter Bradley, Call Bldg.
Brick work to Reed & Reed.

Plans Being Prepared.
STORE, ETC. Cost, $200,000
SACRAMENTO, Cal., K St., bet. 11th and 12th Streets.
Three-story & basement class C brick store and loft building (brick and terra cotta front)
Owner—W. S. and H. H. Hart, 2199 3rd Ave., Sacramento.
Architect — Woolleit & Lamb, Mull Bldg., Sacramento.

Plans Being Prepared.
STORE & OFFICE $20,000
GILROY, Santa Clara Co., Cal.
Two-story reinforced concrete store & office building.
Architect Binder & Curtis, 255½ S 1st St., San Jose.

Figures To Be Taken Shortly.
STORE & OFFICE Cost, $40,000
SAN JOSE Santa Clara Co., Cal., 1st St. and Fountain Alley.
Two-story brick store and office bldg. and alter adjoining two bldgs.
Owner—M. Blum, San Jose.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.

Owner Taking Sub-Figures.
STORE Cost, $22,500
BERKELEY, Alameda Co., Cal. Telegraph Ave. N Bancroft Way.
One-story and basement reinforced concrete store.
Owner—Mercantile Trust Co.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

Mr. C. Collupy of the Mercantile Trust Co., 464 California St., San Francisco, is taking all bids.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Plans Being Figured.
MARKET Cost—
SAN FRANCISCO, SW 45th Ave. and Cabrillo.
One-story reinforced concrete market.
Owner—I. F. Schneir.
Architect—Baumann & Jose, 251 Kearny St., San Francisc o.
Figures are being taken for a general contract.

Sub-Figures Being Taken.
OFFICE BLDG. Cost, $80,000
OAKLAND, Alameda Co., Cal. E Broadway 150 N 20th St.
Three-story and basement steel and brick Class C store, loft and office building.
Owner—R. H. Cross.
Architect—R. Van Woods, 505 17th St., Oakland.
Contractor—H. J. Christensen, 505 17th St., Oakland.
Brick work will be done by Stephen McPherson.

SANTA ANA, Orange Co., Cal.—Hill & Rinard, Santa Ana, have been awarded the contr. at $78,000 to erect a 4-story store and office bldg. at s.e. cor. Broadway and W 4th St., for Walter L. Moore. The bldg. will be of brick with terra cotta trimmings. H. Newton Thornton, 313 Hill Bldg., Santa Ana, is the archt. Mateer's drug store will occupy the cor. store.

LOS ANGELES, Cal. — Wallace & Bush, Van Nuys Bldg., have gen. contr on a percentage basis for alterations and additions to bank at s.w. cor. 6th a nd Main Sts., for the Hellman Commercial Trust & Sav. Bank. Edelman & Barnett, 726 H. W. Hellman Bldg., architects. Work will consist of tearing out fls. and partitions, add. to mez. fl., new marble and conc. fls., ornam plas., oak trim, marble partitions and fixtures, art glass, ornam. iron and bronze grilles, plate glass; $50,000.

ORANGE, Orange Co., Cal. — Archt. M Eugene Durfee, 204 Kraemer Bldg., Anaheim, is preparing plans for a 2-story brick store and apt. bldg., costing $60,000, which is to be erected on N. Glassell St.; owner's name withheld. It will contain 6 stores on the first floor, with 19 apts. above.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., are preparing plans for a 4-story and basement class A bank and office bldg. to be erected at s.e. cor. of Lake Ave. and Colorado St., Pasadena, for the Pacific Southwest Trust & Savings Bank. Dimensions, 50x100 ft., reinf. conc. frame and floors, brick filler walls, terra cotta and press. brick facing, hardw. trim, marble and tile work, elevators, steam htg., bank fixtures; cost $200,000.

PASADENA, Los Angeles Co., Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., are completing plans for the 8-story and basement Class A bank and office building to be erected at SE cor. of Colorado St. and Marengo Ave., Pasadena, for Pacific Southwest Trust & Savings Bank. Dimensions, 146x214 ft., steel frame constr., brick filler walls, reinf. concr. floors, press. brick and terra cotta facing, marble and tile work, bank fixtures, elevators, steam heating. Cost, $1,300,000. Bids will be taken in 10 days or 2 weeks

LOS ANGELES, Cal.—Paul Wiley, 421 Cal. Bank Bldg., has the contr to erect a 1-story brick bank and store building at the corner of Florence and Compton Aves., for the California Bank. Walker & Eisen, 325 Pacific Finance Bldg., are the architects. Dimensions, 130x70 ft., brick walls, press. brick and terra cotta facing, plate glass windows, steel beams, comp. rfg., metal skylights, pine trim, cement floors, bank fixtures. Cost, $50,000.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is completing plans for a 5-story and basement Class A mercantile building to be erected on the east side of Broadway adjoining the Story Bldg., for the First National Bank. The building to be occupied by Desmond's store. Dimensions, 62x154 ft., steel frame construction, brick filler walls, terra cotta facing, plate glass, hardware trim, marble and tile work, elevators, steam heating system, designed for 12-sto. Cost, $500,000.

THEATRES

Contract Awarded.
THEATRE, ETC. Cost, $100,000
SAN FRANCISCO, W Grant Ave. bet. Jackson and Pacific streets.
Three-story Class A Chinese theatre, stores and apartment building.
Owner— Mandrin Theatre Co. (Chin Lain, 723 Grant Ave.)
Architect—A. A. Cantin, Foxcroft Bldg. San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco.

Completing Plans.
THEATRE Cost, $350,000
SACRAMENTO, Cal., K St., near 10th Street.
Class A steel frame and reinforced concrete theatre.
Owner—Paramount Theatre Cptn.
Architect — Leonard Starks, Ochsner Bldg., Sacramento.
Plans will be ready for figures the end of September.

GLENDALE, L. A. Co., Cal.—Arthur G. Lindley and Chas. Selkirk, assoc., 800 American Bank Bldg., Los Angeles, have been commissioned to prepare plans for a class A theatre bldg., to be erected on east side of Brand Blvd., n. of Wilson St., for Dr. Jessie A. Russell and William McMillan; the theatre has been leased to the West Coast Theaters, Inc. and C. L. Langley, Inc. It will have a seating capacity of 2100 people and there will also be offices and shops in the bldg., reinf. conc. constr., press. brick facing, terra cotta or art stone trim, mech. ventilating system, steam htg., etc.; $300,000.

WHARVES AND DOCKS

Plans Being Figured—Bids Close Sept. 6, 2 p. m.
CONC. DECK Cost, $9000
SAN FRANCISCO, Pier No. 36.
Lower car ferry apron (150 ft. concrete deck)
Owner—State Board of Harbor Commission.
Engineer—Frank White, Ferry Bldg.

Contract Awarded.
WHARF Cost, $12,000
SAN FRANCISCO, Potrero Gas Plant.
Wharf 178 by 30.
Owner—Pacific Gas & Elec. Co.
Architect—Eng. Dept. of Owner.
Contractor—Healy-Tibbetts Constr. Co. 64 Pine St., S. F.

LOS ANGELES, Cal.—Los Angeles Harbor Commission has authorized the construction by the Pan-American Petroleum Co. of a fire-proof oil loading wharf at Pier No. 1, Los Angeles harbor. The wharf will cost $150,000 and will have loading capacity of 180,000 bbls. oil every four hours and will accommodate two of the largest tankers at the same time. The harbor engr has been instructed to construct metal fire breaks or bulkheads under all of the wooden municipal wharves.

SACRAMENTO, Cal.—Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, at $72,170 submits only bid to city council to const. concrete piling and upper 250 ft. of M St. wharf bet. M and N Sts. Taken under advisement until Aug. 30. Albert Givan, City Eng.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
EXCHANGE BLDG. Cost $100,000
SANTA ROSA, Sonoma Co., Cal., 2nd St. near B St.
Three-story and basement fireproof exchange bldg., 45x87.
Owner—Pacific Telephone & Telegraph Company.
Architect—E. V. Cobby, 333 Grant Ave. San Francisco.

LOS ANGELES, Cal.—Until 4 p. m., Sept. 5, bids will be received by purchasing dept., board of education, 1437 San Pedro St., for furnishing 9 tents.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is preparing plans for a dormitory bldg to be erected on W Pico St. near Arlington St. for the Home of the Good Shepherd; it will have dormitory rms. to care for 100 girls, with kitchen, dining rm., recreation center, sewing rms., and library. Reinf. conc. skeleton constr., 4-story and basement, (50x165 ft., brick walls, reinf. conc. fls., and roof slab, rug. brick facing, slate rfg., steam htg. sys., maple and O. P. fls., steel sash; Cost $140,000.

SAN FRANCISCO—Until Sept. 5, 2 P. M., bids will be rec. by M. Philomene Hagan, Sect'y., Playground Commission, 376 City Hall, to erect field house in Funston Playground, in north side of Chestnut St at Buchanan. Cert. check 10% payable to Sect'y. req. Plans obtainable from Sect'y. at City Hall.

CALIFORNIA—Until Sept. 24, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, for painting bridges in Mendocino and Humboldt counties. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—J. J. McLeod, 1246 Golden Gate Ave., has been awarded a contract by Vukicevich & Bagge, 185 Stevenson St, for the plumbing for a 2-story and basement reinforced concrete auto stage terminal and store bldg. It will be erected on s.e. 5th and Jessie Sts., for Louis R. Lurie. O'Brien Bros., 315 Montgomery St., are the architects.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and foreign Trade Bureau of the San Francisco Chamber of Commerce, Merchants Exchange Bldg.

D-761—San Francisco, Calif. Manufacturers and specialists on metal press, stamping work and assembling are seeking connections with firms who desire work of this class done. Very attractive rates. z

D-764—Salt Lake City, Utah. Manufacturers' representative desires to secure the representation in the state of Utah of firms dealing in door beds, hardware and gas ranges.

D-765—Seattle, Wash. Manufacturer of washable auto polish is seeking distributor for same in this city. Must be able to locate plant here.

D-769—Cleveland, O. Party desires to communicate with manufacturer, producer, distributor, exporter and importer, financial house or any responsible commercial enterprise in or around San Francisco seeking representation in Cleveland, or who is interested in developing business there.

D-774 — Winnemucca, Nev. Party knows of large deposit of iron ore, 30 miles from the main line of the Southern Pacific and about five miles from a narrow gauge line. One deposit is traceable for a mile and is about fifty feet wide.

D-775—St. Paul, Minn. Party desires to get in touch with San Francisco firms seeking representation in Minnesota.

D-777—Kansas City, Mo. Party has exclusive selling and distributing privileges in all the states west of the Rocky Mountains, together with the entire export business, for selling electrical merchandise, covering washing machines, ironing machines, wringers, roll-a-tubs, etc. Desires to give some man of high standing and good reputation an opportunity of coming in with him and getting in business for himself. Will consider A1 business men only.

D-778—Los Angeles, Calif. Party is interested in finding a man to take the exclusive sale of the Miracle piston rings in the central and northern sections of California. It is necessary to make just a small investment in the stock he would necessarily have to carry to properly supply the trade.

D-779—Rochester, N. Y. Manufacturers seeking to increase their business in Rochester or who wish to be represented, please communicate with the writer.

(Continued on Page 19)

Official Proposals

NOTICE TO CONTRACTORS

(Sewage Disposal Plant, City of Tracy)

Sealed proposals for constructing the sewage disposal plant on property of the City of Tracy, will be received at the office of the City Clerk, City Hall, Tracy, **until 8 P. M. on the 11th day of September, 1923,** and will be publicly opened and read in the Council Chambers of the City Hall, Tracy, on the 11th day of September, 1923, after 8 P. M.

All proposals must be made upon the blank forms of proposal prepared by the City, to be obtained from the City Clerk, Tracy, or from Clyde F. Smith, consulting engineer, 516 Santa Barbara Road, Berkeley, Calif.

The work to be done consists of excavation, grading, reinforced concrete construction, piping and installation, installation of all machinery, boring of well and laying of the outfall sewer. In general, the work to be done consists of all construction work and materials necessary to build the sewage disposal plant as shown on the plans of Clyde F. Smith, Consulting Sanitary Engineer, and W. D. Harrington, City Engineer of the City of Tracy.

The following units are to be bid upon:

1. Outfall sewer, 18 inch concrete or vetrified pipe about 6600 feet, including 2 man-holes
2. Two units of Imhoff Tanks with appurtenances, including sludge drying beds.
3. Dosing tank with Miller Siphon.
4. Trickling filters with all appurtenances.
5. Two units of secondary settling tanks with appurtenances.
6. Pump House with two gasoline motors and pumps.
7. Overflow bypass 12 inch concrete or vitrified pipe, about four hundred (400) feet.
8. Boring 6 inch well.

The work is to commence within ten days of the signing of the contract and is to be finished by December 11, 1923.

Plans and specifications may be consulted at the office of the City Clerk, Tracy, or at the office of Clyde F. Smith, Consulting Sanitary Engineer, 516 Santa Barbara Road, Berkeley, Calif. Sets of plans and specifications may be obtained from the Consulting Sanitary Engineer or City Engineer upon deposit of fifteen dollars, ten dollars of which will be returned upon receipt of bona fide bid.

All bids must be accompanied by a certified check, certificate of deposit or draft, or cashier's check or draft, payable at sight to the City Clerk in an amount equal to ten per cent of the bid. Unsuccessful bidders' checks will be returned when contract is awarded. Successful bidder's check will be returned when contract is signed and bond furnished.

The bond to be furnished by successful bidder is to be in a sum equal to fifty per cent of the amount of the contract as material and labor bond as well as bond for twenty-five per cent of the contract for faithful performance.

Bidders must bid on the various units separately. The City reserves the right to accept or reject bid on any or all units or parts of units. If the City wishes to omit any unit or part of unit the price bid on that unit or part of unit shall be subtracted from the total amount bid.

The city reserves the right to reject any or all proposals, or to increase or decrease the amount of any class or portion of the work.

Done by order of the Board of Trustees of the City of Tracy.

Dated: This 23d day of August, 1923.

GEORGE L. FRERICHS,
Clerk of the City of Tracy.

(SEAL)

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Santa Rosa Grammar School Dist.)

Notice is hereby given that sealed bids will be received and opened by the Board of Education of the City of Santa Rosa School District, Sonoma County, State of California, in the present High School Annex building, in Santa Rosa, at **8 p. m., September 24, 1923,** for the erection and completion of a grammar school building in the said City of Santa Rosa, State of California, according to plans and specifications prepared for the same by W. H. Weeks, Architect.

Bids will be received on the GENERAL CONSTRUCTION, together with separate bids on the:

Electrical Work.
Plumbing Work.
Painting Work.
Window Shades.
Cork Carpets.
Blackboards.
Heating and ventilating.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks 369 Pine Street, San Francisco, California, or at the office of W. Herbert, Rosenberg Building, Santa Rosa, California.

All bids should be presented on bid forms furnished by the Architect.

Each bid must be accompanied by certified check on some responsible California bank, in a sum of not less than Five (5) Per Cent of the amount bid, made payable to Mrs. Sara N. Hatch, Clerk of the Board of Education of the City of Santa Rosa School District, for the purpose stated in the specifications.

Each bid must be enclosed in sealed envelopes and addressed to Mrs. Sara N. Hatch, Clerk of the Board of Education, and endorsed:
"PROPOSAL FOR FREMONT GRAMMAR SCHOOL BUILDING."

The Board reserves the right to reject any and all bids."

Bids must be delivered to the undersigned Clerk of the Board of Education, at her office in the present High School Annex, in the said City of Santa Rosa, at the time and place of meeting above stated; or any time up to the hour of opening of said bids.

SARA N. HATCH,
Clerk of the Board of Education, of the City of Santa Rosa School District, Santa Rosa, California.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Burlingame Grammar School Dist.)

Notice is hereby given that the undersigned trustees of the Burlingame Grammar School District, San Mateo County, California, will receive sealed bids at the Howard Avenue School, Burlingame, for the addition of four class rooms and auditorium to the Oak Grove School Building, with plumbing and steam heating separate contract and also separate figures for the addition of an Auditorium to the Roosevelt School Building with plumbing and steam heating a separate contract and an alternate figure for gas steam heat for said auditorium, up to the hour of **eight (8) o'clock p. m., on Monday, the 17th day of September, 1923,** at which said time and place said bids will be publicly opened.

All bids must be addressed to Mrs. J. M. Vickerson, clerk of the Board, and must be accompanied by a certified check made payable to the order of aforesaid clerk in amount equal to at least ten (10) per cent of the largest bid so submitted, and no proposal will be considered by said Board unless accompanied by such check.

The said check to be forfeited to said Burlingame Grammar School District, as ascertained and liquidated damages in case the successful bidder fails or refuses to enter into a contract to perform the work, and give satisfactory bonds required, within ten days after the date of the award.

The plans and specifications for said works may be obtained from E. L. Norberg, architect, 407 Occidental Avenue, Burlingame, or Balboa Building, San Francisco.

The said Board of Trustees expressly reserves the right to reject any and all bids. A deposit of $10 required on plans.

Done by order of the Board of Trustees of the Burlingame Grammar School District, County of San Mateo, State of California.

F. H. THRALL, Chairman.
RUFUS H. KIMBALL, Trustee.
MRS. J. M. VICKERSON,
Clerk of Board of Trustees.

BIDS WANTED FOR PAINTING BRIDGES

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on September 24, 1923,** at which time they will be publicly opened and read, for painting in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Mendocino County, on Route 1 Sections I, J and K bridges over Rattlesnake Creek (No. 2), Elk Creek, Rattlesnake Creek (No. 3), Big Dann Creek, Cedar Creek, Rock Creek, Bridges Creek, Red Mountain Creek, McCoy Creek, South Fork Eel River (1st crossing).

Humboldt County, on Route 1 Sections A, B, C and D bridges over South Fork Eel River (2nd crossing), East Branch Creek, Ohman Creek, Elk Creek, Bridge Creek, Bear Creek and Jordan Creek.

Forms or proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's

MT. DIABLO CEMENT

A Contra Costa County Product. Awarded Gold Medal P. P. I. E.

Cowell Santa Cruz Lime

Always used where quality counts.

HENRY COWELL LIME & CEMENT CO.

2 MARKET STREET SAN FRANCISCO, CALIF.

BRANCHES

Oakland San Jose Sacramento Santa Cruz Portland, Ore. Tacoma, Wash.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE WEST 3810.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated August 27, 1923.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on September 17, 1923,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Plumas and Lassen Counties, between 3 miles east of Chester and 3 miles east of Westwood (II-Plu-Las.-29-A), about twelve and seven-tenths (12.7) miles in length, to be surfaced with gravel.

Trinity County, between 2 miles south of Weaverville and Tom Long Gulch (II-Tri-20-A&B), about eleven and one-tenth (11.1) miles in length, to be surfaced with gravel or broken stone.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: August 20, 1923.

BIDS WANTED FOR GOVERNMENT HIGHWAY

NOTICE TO CONTRACTORS

Sealed proposals for constructing or improving the Prescott-White Spar Forest Highway, located in the Prescott National Forest, State of Arizona, County of Yavapai, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, 242 West Washington Street, Phoenix, Arizona, until 2 o'clock P. M., on the 11th day of September 1923, at which time and place they will be publicly opened and read. The right is reserved to reject any or all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The length of the project to be constructed or improved is approximately 15.583 miles and the principal items of work are approximately as follows:

Clearing and Grubbing, the entire project.
Unclassified Excavation, 423, 404 Cubic Yards.
Finishing Graded Road, 15.637 Miles
Class "A" Concrete, 1,470 Cubic Yards
Class "D" Concrete, 890 Cubic Yards
Reinforcing Steel, 190,000 Lbs.
Corrugated Metal Pipe Culverts, 11,716 Lin Feet
Protection Ditch, 82,500 Lin. Feet
Concrete Hand Rail, 237 Lin. Feet.

The Government has available for loan to contractors on a rental basis, equipment as listed in the specifications on page 37. Contractors will state in bid the equipment that will be used during the construction and the minimum time required. The estimated rentals will be deducted from the total of the construction items and award will be made on bid to best advantage to the Government.

The work embraced in this contract shall be completed within 450 weather working days following the execution of the contract by the Secretary of Agriculture.

The contract form and maps, plans, specifications and estimates of quantities may be examined by responsible contractors at the Bureau of Public Roads, 242 West Washington Street, Phoenix, Arizona.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of certified check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms, and in accordance with instructions forming a part of the specifications above referred to and must be accompanied by proposal guaranty in an amount at least equal to five per cent (5%) of the total amount of the proposal.

E. S. WHEELER,
District Engineer.
(Continued on Page 29)

BUSINESS OPPORTUNITIES

(Continued from Page 16)

D-784—Seattle, Wash. Firm has inquiry from Australia asking prices on crude oil packed in drums and suitable for use in Semi-Diesel engines. Prefer to get in touch with independent companies in San Francisco who would like to quote on this.

D-788—San Francisco, Calif. Firm is in receipt of inquiry from York, Pa., regarding establishing connections for the distribution of automobile fenders in this territory. Interested parties please communicate with the above.

7396—Gisborne, New Zealand. Party is desirous of securing representation of San Francisco confectioners and allied manufacturers. References.

7399—Los Angeles, California. Brokerage and distributing firm desires to represent San Francisco firms in Southern California for the sale of paint, varnish and chemicals, hardware contractor supplies, etc. Has own warehouse and spur track facilities.

7401—Shanghai, China. Chinese gentleman, now representing large American firms in China, desires to secure representation in following lines: hardware, tools and machinery. References.

8402—Victoria, B. C. Party is in a position to quote for telephone poles. Western Red Cedar Association specification, for export from Victoria.

7405—Great Britain. Firm desires to appoint San Francisco representative for the sale of its hand tube machines.

7406—Great Britain. Manufacturing firm is desirous of appointing an agent for the sale of, or a firm which would be interested in manufacturing under license, its "Interceptor," a device to be used on pumps of all kinds.

7407 — Guatemala City, Guatemala. Firm desires to import material to be used for erecting large building at San Jose, Guatemala, and wants to receive catalogs and prices from San Francisco manufacturers of wooden houses and buildings.

7409 — Mazatlan, Sinaloa, Mexico. American representative at Mazatlan, with four years experience in satisfying shippers and customers, desires to represent several more manufacturers on a commission basis.

7410—Tepic, Mexico. Party desires to get in touch with San Francisco dealers in second-hand machinery for shoe and carpenter shops.

7413 — Juarez, Chihuahua, Mexico. Party desires to purchase four refrigerator cars, second hand, for standard gauge track, to be used in transporting keg beer throughout Mexico.

7414—Dunedin, New Zealand. Architectural firm desires full particulars on ready-made, factory-built houses.

7420—San Francisco, California. Gentleman desires connections with San Francisco firm now in the Oriental trade or desiring to enter it within the next year. Five years business experience in China, good references and ability to handle an export department are offered.

MEDUSA
WHITE CEMENT

LOW PRICES
FRESH STOCK

Pacific Materials Co.
525 Market Street San Francisco

Engineering News Section

BRIDGES

RED BLUFF, Tehama Co., Cal.—C. E. McCartney, Red Bluff, only bidders at $3200, awarded cont. by county supervisors to move one steel span (1000 ft. in length) of Red Bank Creek bridge on state highway near railroad and place same over creek on Blossom Rd. near c. J. Blossom residence, Supervisor District No. 2.

C. E. McCartney, only bidder at $1780 awarded cont. to const. rein. conc. abutments and winks and moving and erecting steel span over Cold Fork of Cottonwood creek at Pettyjohn place, Supervisor District No. 2.

CALIFORNIA—Until Sept. 24, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, for painting bridges in Mendocino and Humboldt counties. **See call for bids under official proposal section in this issue.**

SAN LUIS OBISPO, Cal.—Until Sept. 4, 7:30 P. M., bids will be rec. by Callie M. John, City Clerk, to construct rein. conc. bridge (location not stated). Cert. check 5% payable to Mayor req. Plans obtainable from City Eng. on deposit of $5.

VISALIA, Tulare Co., Cal. — Until Sept. 11, 2 p. m., bids will be rec. by Gladys Stewart, county clerk, to const. rein. conc. bridge No. 68, over Traver Canal, involv. 41.02 cu. yds. A and 40.49 cu. yds. B conc. All materials to be furnished by county f.o.b. Traver Siding. Cert. check 5% payable to Chair. Bd. of Sups. req. Laurence A. Moye, county surveyor.

CARSON CITY, Nevada—Brown and Stafford, Madera, at $3572.25 awarded cont. by State Highway Commission to const. timber overhead r.r. crossing over W.P. r.r. in Elk County, near Wells. Other bids were: A. D. Drumm & Son, Fallon, Nevada, $3997.89; C. H. Mull, Twin Falls, Idaho, $4038; Security Bridge Co., Ogden, Utah, $5325.75 J. L. Hoffman, Reno, Nevada, $5470.50; R. E. Rockwell & J. M. Ryan, Elko, Nevada, $7269.40.

OROVILLE, Butte Co., Cal.—J. S. Greaves, Sacramento, awarded cont. by county supervisors to const. bridge over South Branch of Dry Creek on Clark rd., in Ses. 3, T. 20 N., R. 3 E., M.D.M. Unit bid follows: (1) 60.7 cu. yds. rein. conc. $19.34 cu. yds; (2) 56 yds. excavation, $1.35 cu. yd; (3) 40 yds. backfill, $.45 cu. yd. Other bids:

T. H. Polk, Chico, (1) $23.50; (2) $2; (3) $.75.

John Berlinger, (1) $24; (2) $1.75; (3) $1.

OROVILLE, Butte Co., Cal. — John Berlinger awarded cont. by county supervisors to const bridge over slough 1.23 mi. west of Nord on Nord-Gianella rd., involv. (1) 35.92 cu. yds. rein. conc $26 cu. yds; (2) 32 cu. yds. earth excavation, $2 cu. yd; (3) 22 cu. yds. backfill, $1 cu. yd.

T. H. Polk only other bidder at (1) $26.75; (2) $2; (3) $1.

OROVILLE, Butte Co., Cal.—W. R. Crawford, Oroville, at $804.20 submits low bid to county supervisors to repair bridge 1½-mi. west of Nord, involving the removal of old gateways and construction of new railing on old bridge structure. Other bids: T. H. Polk, $843; John Berlinger, $1280.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, appropriates $6622 from Harbor Fund to finance treating piles, sheet piling and timbers for timber bulkhead bet. 1st and 3rd Sts. Ralph Beebee, city harbor eng.

SAN FRANCISCO—See "Government Work and Supplies," this issue. Order No. 4749.

LOS ANGELES, Cal.—Application has been made by the board of harbor comm., of the city of Los Angeles, for permission to dredge to a depth of 35 ft. at mean lower water on the north side of the entrance to the west basin, Los Angeles Harbor, Calif., and on the easterly, northerly and westerly sides of the west basin to depths of 30 and 35 ft. and to fill northerly of the present U. S. Bulkhead line bet. stations 508 and 512, and on the southerly side of Terminal Island.

SANTA ANA, Cal.—Orange county supervisors will call election in November to vote on a $1,000,000 bond issue for the development of Newport harbor

IRRIGATION PROJECTS

ROSEVILLE, Placer Co., Cal.—Election held to vote question of organizing Roseville Irrigation District failed to carry by vote of 385 to 315. It was proposed to obtain water from American river, bringing it through a concrete lined canal to a reservoir near Roseville. Approx. 8700 acres were included in the project.

MacDOEL, Siskiyou Co., Cal.—Until Sept. 17, bids will be rec. by Butte Valley Irrigation District for the purchase of the $400,000 bond issue voted to finance construction of irrigation works. Offices of the district are located in the Messick and Son Bldg., MacDoel. E. O. Bissell is secretary of district.

LIGHTING SYSTEMS

GLENDALE, Cal.—City council orders plans prepared for lighting system of single-light standards on Central Ave., bet. Wilson and Arden Aves.; and for two-light standards on same street, bet. Wilson and San Fernando.

Engineers and Contractors
PLEASE NOTE
We are FACTORY distributors
—for—
MILBURN CARBIDE FLARE LIGHTS
for Night Work 500 - 12,000 c. p.
Economical and Efficient
MILBURN OXY-AVETYLENE WELDING AND CUTTING APPARATUS
for Repairing and Construction
Let us send you full information
E. D. BULLARD
268 Market St., San Francisco
Phone Douglas 6320-Doug. 6321

LOS ANGELES, Cal. — City council orders const. of ornam. lighting systems in Hollywood Blvd., bet. Orchard and La Brea and Sunset Blvd., betw. Sanborn Ave. and Sunset Dr.

SANTA BARBARA, Cal. — Commercial club committee is investigating ornamental lighting plan for State St. from Cabrillo Blvd., through the business district. Committee members are: M. A. Levy, W. J. McCaffrey, Chas. A. Ott, John A. Parma and W. G. Young.

BAKERSFIELD, Kern Co., Cal. — Petitions are being circulated in East Bakersfield section seeking installation of a street lighting system. V. Van Riper is city clerk.

LOS ANGELES, Cal.—Until 3 p. m., Aug. 28, bids will be rec. by public service dept., 207 S. Broadway, for 500 pendent street lighting fixtures. Adv. No. P-316-375. Jas. P. Vroman, secy.

MACHINERY AND EUIPMENT

FULLERTON, Cal. — Until 2 p. m., Sept. 11, bids will be rec. by trustees of Fullerton under high school and junior college for the following: (1) 6 downdraft Buffalo forges; (2) 1 50-lb. Giant hammer. Spec. at office of principal. W. J. Travers, clerk.

FULLERTON, Cal.—Until 7:30 P. M., Sept. 4, bids will be rec. by city trustees for (1) one 2-ton to 3½-ton truck and ½-yd. steel garbage body with power hoits; (2) two Dodge roadsters; (3) 100 N. 103 globes for G. E. Novaulx unit; (4) 25 No. 1103 canopies for G. E. Navalux unit. Spec. on file at office of city clerk, F. C Hezmalhalch. Cert. chk., 5%.

LAGUNITAS, Marin Co., Cal.—Until Sept. 4, 5 P. M., bids will be rec. by E B. Gardner, Clerk, Lagunitas Elementary School District, for fur. and del. chassis and motor for 1-ton truck and a body for same for transporting school pupils; capacity 30 pupils. Further information obtainable from clerk.

CORCORAN, Kings Co., Cal.—Until Sept. 4, 8 P. M., bids will be rec. by G. G. Amiraux, City Clerk, for fur. and del one auto truck, of any of the following makes: Ford, Dodge or Chevrolet commercial. Successful bidder must accept as payt payment a Ford Roadster now the property of the city.

SAN BRUNO, San Mateo Co., Cal.—Until Sept. 12, 8 p. m., bids will be rec. by Nettie A. Willits, city clerk, for fur. one Ford runabout, starter, demountable, fully equipped. Cert. check 5% payable to city req.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for fur. two new rear roller wheels, 68 inches in diameter, for an Austin 10-ton gas roller; one wheel to be equipped with differential, f.o.b. San Jose. Cert. check 10% payable to clerk req. Further information obtainable from clerk.

SPOKANE, Wash.—City council will appropriate $10,000 to purchase trenching machine for digging ditches required for improvements to water system.

RAILROADS

SAN FRANCISCO—Until Oct. 3, 3 p. m., bids will be rec. by Board of Public Works for fur. and del. track materials for Municipal Railway system, under contract No. 136. Spec. and further information obtainable from City Engineer's office, 3rd floor, City Hall.

OREGON—John Hampshire, Grants Pass, Ore., awarded contract by Western Pacific-Southern Pacific R.R. to construct the first unit, approximately 30.6 mi., of the Natron Cut-off. Bids shortly. The completed line will be 118 miles in length, running from Oakridge, Oregon to Kirk, Ore.

SAN FRANCISCO—Bids are being received by the Southern Pacific-Western Pacific Railroads to construct Natron Cutoff, 118 miles of railroad bet. Oakridge and Kirk, Ore. Est. cost, $16,000,000. Plans are on file with the Engineering Department of the Southern Pacific, 65 Market St., San Francisco.

SAN FRANCISCO—Southern Pacific Co., 65 Market St., will construct industrial trackage in Beale Street at a cost of $122,000. Plans have already been prepared by the Engineering Dept of the company.

RESERVOIRS AND DAMS

PARADISE, Butte Co., Cal.—Following bids rec. by Paradise Irrigation District for furnishing pipe and raising Magalia dam:

Raising Magalia Dam, involv. approx 3000 cu. yds. of earth and place same on crest of dam: F. E. Whitlock, Chico $.90 cu. yd. (awarded contract). Other bids: C. A. Phelps, Magalia, Cal., $1.10; E. H. Martin, Sacramento; $1.15; W. C. Johnson, Chico, Cal., $.98; J. T. Payne, Chico, $.93; McClain et al, Magalia, $1.

For pipe extensions: W. C. Johnson, Chico, $.20 ft.; F. E. Whitlock, Chico $.19 ft. (awarded contract).

For furnishing pipe: Mark Lally Co. San Francisco, $11,851.07, Sacramento Pipe Works, Sacramento, $12,388.19; Pacific Pipe Co., San Francisco, bid $18,360.19. Details published in our issue of Aug. 4. J. E. Alley is supt. of district.

PIPE LINES, WELLS, ETC.

ALHAMBRA, Cal.—U. S. Cast Iron Pipe & Fdy. Co., Wright-Callender Bldg Los Angeles, awarded cont. by city trustees at $74.25 per 100 ft. for cast iron pipe delivered along side trench.

LOS ANGELES, Cal.—See "Streets & Sewers," this issue. Matteson pipe.

EUREKA, Humboldt Co., Cal. — A. Walter Kildale, city clerk, instructed to advertise for bids for furnishing city with 12,500 ft. 2-in. water pipe. Harry Hannah, city eng.

PARADISE, Butte Co., Cal. — See "Reservoirs and Dams" this issue.

SANTA BARBARA, Cal. — Bids for pipe for Montecito Water District system have been rejected except two bids which are being held by Dist. Eng Carl Wyant until he can ascertain if all material specified is adaptable to the contemplated improvement. A block of $100,000 worth of bonds of the $850,000 issue has been sold, and installation of the 8-in. water main betw. Sheffield reservoir and Barker Pass Rd will be started as soon as the pipe can be secured. Dr. A. Grant Evans, secy. of the district.

GLENDALE, Cal.—Until 7 p. m., Sept 4, bids will be rec. by City Clerk Van Wie, City Hall, for fur. class B cast iron water pipe as follows: 46,000 ft. 4-in., 18,000 ft. 6-in., 8500 ft. 8-in., together with 30 tons of class D fittings; quantities to be increased or decreased at option of city when contr. is signed; cert. check 10%.

SEWAGE DISPOSAL PLANTS

TRACY, San Joaquin Co., Cal.—Until Sept. 11, 8 p. m., bids will be rec. by Geo. L. Frerichs, city clerk, to construct sewage disposal plant. Clyde F. Smith, consulting engineer, 516 Santa Barbara Rd., Berkeley. **See call for bids under official proposal section in this issue.**

SANTA ROSA, Sonoma Co., Cal. Clyde E. Smith, sanitary engineer, 516 Santa Barbara Road, Berkeley, recommends to city council the construction of a sewage disposal plant accommodating need of 18,000 population at a cost of $185,000. Funds will be raised through a bond issue. Taken under advisement. Geo. F. Comstock is city engineer of Santa Rosa.

MISCELLANEOUS CONSTRUCTION

SACRAMENTO, Cal.—F. L. Decarie, Portland, Ore., at $195,000 submits low bid to city council to construct incinerator. Only other bidder was Stacey-Bates Co., Minneapolis, $207,900. Taken under advisement until Aug. 30. Albert Givan, city eng.

SAN PEDRO, Cal—General Petroleum Corp. will start work immediately reconstructing the 500,000 bbl. reservoir recently destroyed by fire.

WATER WORKS

ALHAMBRA, Cal.—Until 8 p. m., Sept. 4, bids will be rec. by city comm. for the purchase of $30,000 water bonds of the $250,000 total bond issue. Cert. check 3%. Grant M. Lorraine, city mgr.

LOS ANGELES, Cal.—Until 3 p. m., Sept. 4, bids will be rec. by public service dept., 207 S Broadway, for gate valves under spec. 685. Jas. P. Vroman, secretary.

OAK GROVE, Ore. — Parker and Schramm, Portland, at $157,432 submits low bid to Oak Grove District Commissioners to construct water system connecting with city of Portland's system. Other bidders were: J. F. Shea, $176,472; Jacobsen & Jensen, $189,284.90; Rushlight, Hastorf & Lord, Inc., $199,473.45, and Alaska Plumbing & Heating Co., $160,427.92. Bids were asked on two proposals, "A" and "B". Proposal "A" has the unit quantities and qualities named while proposal "B" allows bidder to bid on any kind of pipe. All bids except that of Alaska Plumbing & Heating Co. were made on proposal "A". Taken under advisement.

SPOKANE, Wash.—City council will appropriate $139,600 to finance following improvements to water system: New pump, to replace No. 5, $17,000; trenching machine for digging ditches, $10,000; back filling for excavation, $3000; wooden water main replacement, $40,000; replacing the Herbert private water system, $69,600.

REDWOOD CITY, San Mateo Co., Cal — City trustees contemplate calling election to vote bonds to finance purchase and improvement of privately owner water works system. C. L. Dimmitt, city eng.

PLAYGROUNDS AND PARKS

FAIRFIELD, Solano Co., Cal.—McRorie-McLaren Co., San Francisco, submit informal bid to county supervisors to improve county courthouse grounds at a cost of approx $10,000.

MERCED Merced Co., Cal.—Sept. 11 is date set to vote bonds of $25,000 to finance purchase of lands and improvements for park purposes.

SEWERS & STREET WORK

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Asbury St., bet. First and San Pedro; involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

CALIFORNIA Bids were opened on August 27th by the Cal. Highway Com. for highway improvements, as follows:

San Joaquin County, between Westerly Boundary and Banta, (III-S. J.-5-A), of about eight and one-tenth miles in length, to be paved with water bound macadam shoulders.

Troy & Holden, Lodi	$41,100
Kaiser Paving Co., Oakland	45,621
J. L. Conner, Santa Cruz	46,851
Tieslau Bros., Berkeley	51,230
Blumenkranz & Vernon, Stktn	52,745
J. E. Johnson, Stockton	61,650
Blanco & Taylor, Vallejo	67,130
Engineer's Estimate	54,130

Los Angeles County, between Santa Clara River and a point one-fifth mile easterly thereof (VII-LA-23-B), about two-tenths mile in length, to be paved with Portland cement concrete.

Gibbons & Reed Co.	$13,940
de Waard & Cobham, San Diego	15,880
Engineer's Estimate	9,835

Placer County, between Roseville & Lincoln (III-Pla-3-A), about one and one-tenth mile in length, to be paved with Portland cement concrete.

Kaiser Paving Co., Oakland	$37,805.75
Galbraith & Janes, Napa	43,811.00
J. A. Costello Jr., S. F.	48,064.00
Skeels & Hudson, Auburn	48,988.50
Engineer's Estimate	37,679.00

PASADENA, Cal.—Clarence P. Day, 226 Boston Bldg., Pasadena, awarded contract by city directors at $9220 for imp. Vernon Ave., bet. Colorado and Walnut Sts., involv. 2-in. oil macadam 13.4c sq. ft.; curb 45c ft.; gutters 23.4c sq. ft.

C. P. Day awarded cont. at $10,429.11 for imp. Allen Ave., bet. Colorado St. and s. city limits, involv. 6-in. oil macad. 20.9c sq. ft.; walk 16c sq. ft.; curb, 54.9c lin. ft.; gutters 23.4c sq. ft.; 2 culverts $915.10.

H. R. Erdman, 1700 Third St., Alhambra awarded cont. at $7853.10 for imp. Colorado St. east from Allen Ave., involv. replacing walk 22c sq. ft.; new walk, 18c sq. ft.; replacing 10-in. curb 65c; new curb 55c; replacing gutter 40c; new gutter 32c.

H. R. Erdman, awarded cont. at $1943 for imp. Arbor St., bet. Orange Grove and Grand Aves., involv. walk replacement 20c sq. ft. curb 60c ft.; gutter 30c sq. ft.

SAN JOSE, Santa Clara Co., Cal.—City council, John J. Lynch, clerk, declares inten. to imp. 24th St. bet. Santa Clara and San Antonio Aves., involv. grading; pave with 1½-in. Durite asph. conc. base; hyd. conc. curbs and gutters; 1 br. manhole with vit. storm sewer connections; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Sept. 11. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. San Pedro St., bet. Bassett and Fox Sts., involv. grade; pave with 2-in. Warrenite-Bit. surface on 3½-in. bituminous conc. base; hyd. conc. curb and gutter; hyd. conc. walks; 3 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Cert check 10% payable to city req. Wm. Popp, city eng.

PLACENTIA, Cal.—Plans for a joint sanitary dist., embracing Placentia, Richfield, and Yorba Linda, are under consideration by a committee appointed by P. H. Kricke, Placentia, at a recent mass meeting. The district is being formed with the object of connecting the new joint outfall sewer being constructed by Santa Ana, Orange, Anaheim and Fullerton. Clyde Bishop, Santa Ana, has been retained as attorney for the new district.

EAST SAN DIEGO, Cal.—City trustees rule that protests were insufficient and have ordered the improvement of 5 streets in East San Diego. Est. cost, $130,000. The streets to be improved are: Fairmont and Colonial Aves., bet. University and El Cajon, Highland and Cabrillo Aves., bet. El Cajon and Center, and Chamonune Ave., bet. El Cajon and Castle.

EL CERRITO, Contra Costa Co., Cal.—L. L. Page, 728 Bissell Ave., Richmond, at $12,252.27 awarded cont. by city trustees to pave Potrero Ave. from San Pablo Ave. to Richmond city limits. Hutchinson Co., Oakland, only other bidder at $13,444.45.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded contr by Bd. Pub Wks. at $34,738.73 for imp. 10th St., bet. Gaffey and Meyler Sts., involv. grading at $4200 (lump sum); 152 sq. ft. asph. paving at 35c ft.; 81,077 sq. ft. concr. paving at 22c ft.; 360 sq. ft. oiling and rolling at 10c ft.; 3337 ft. curb at 65c ft.; 17,262 sq. ft. walk at 22c ft.; 153 sq. ft. concr. gutter at 3c ft.; $6000 san. sewer complete; $600 attchbasins and connections complete.

BAKERSFIELD, Kern Co., Cal. — The cost of a permanent covering for the canal in Lake St. from Union Ave. to the east city boundary is estimated at $250,000, according to figures summitted to the city council at its last meeting. Engineer J. E. McCaffery, of the state railroad commission assisted in compiling the estimate. W. D. Clarke is city engineer.

HUNTINGTON PARK, Cal.—Geo. R. Curtis, 2440 E 26th St., Los Angeles, awarded contr. by city trustees to imp. Rita Ave., bet. Randolph St. and Irvington Ave., 18c sq. ft. 5-in. asph. conc. paving; $1.25 lin. ft. grading; 30c sq. ft. gutter. L. A. Paving Co. bid 18c paving; $1.20 grading; 35c gutter.

Curtis awarded cont. to pave Clarenmon Ave., bet. Pacific Blvd. and Rita Ave. 15.5c sq. ft. 4-in. asph. conc.; $1.25 lin. ft grading; 30c sq. ft. gutter. L. A. Paving Co. bid 16c paving; $1 20 grading; 30c gutter.

FRESNO, Fresno Co., Cal.—Until 2 p. m., Sept. 7, bids will be rec. by supervisors to const. 9.7 mi. asph. conc. pavement, 16-ft. wide, 4-in. thick, involving 14,729 cu. yds. earthwork; 822,755 sq. ft. 4-in. asph. conc. pavement. Plans obtainable from Chris P. Jensen, county surveyor. D. M. Barnwell, county clerk.

SAN RAFAEL, Marin Co., Cal. — Frank C. McIntyre at $725.88, only bidder, awarded cont. by county supervisors to const. fencing on Lucas Valley right-of-way .

SANTA BARBARA, Cal.—Until 7:30 p. m., Sept. 6, bids will be rec. by council to imp. Bath St., bet. Mission and First Sts., grade and pave with 1½-in. asph. conc. on 4-in. cem. conc.; const. comb. cem. conc. and 3-ft. gutter return and conc. walk; 4-in. vit. pipe hse. sewers; 1911 Act. Geo. D. Morrison, city engr.

SANTA ROSA, Sonoma Co., Cal.—Interested property owners have started movement seeking construction of an 18-mile permanent highway from Sebastopol to Monte Rio via Guerneville, at a cost of approximately $750,000. A committee has been organized to further the project. E. R. Hodgson, secretary of the Russian River Chamber of Commerce, has been named secretary of the committee.

EUREKA, Humboldt Co., Cal.—Until Sept. 4, 8 P. M., bids will be rec. by A. Walter Kildale, City Clerk, to imp. following streets:

Portions of Fairfield, includ. intersections: Grade and pave with 2-in. asph. conc. base with 1½-in Bitulithic surface; c. i. and conc. culverts; vit. pipe sewers; cem. conc. sanitary manholes with c. i. covers.

Portion of H St., grade; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; c. i and conc. culverts; vit. pipe sewers; conc. sanitary manholes with c. i. covers. 1915 Bond Act.

Portion of A St., grade; const. wooden culverts, gutters, curbs and crosswalks.

Cert. check 10% payable to city req. Plans obtainable from City Eng. H. H. Hannah.

LOS ANGELES, Cal.—Nick Bebek, 425 W 78th St., awarded cont. by Bd. Pub. Wks. at $18,800 for const. sewer in Florence Ave., bet. Normandie Ave. and 161 ft. west from Denker Ave.

LOS ANGELES, Cal—Boulevard Land Co., 111 W 4th St., awarded contr. by Bd Pub. Wks., at $224,990 for imp. Topango canyon ave., bet. Ventura Blvd. and Ybarra Rd., involv. grading at $53,768 (lump sum); 94,062 sq. ft. conc. paving at 35c ft.; 14,936 ft. curb at 60c ft.; 438,941 sq. ft. walk at 20c ft.; reinf. conc. culverts at $7510.32; electric lighting conduits, $687.60; 72,503 ft. light curb at 46c ft.

SAN RAFAEL, Marin Co., Cal.—H. D. Sigfried, at $5,996.26 for Sec. 1 and $1,885.62 for Sec. 2, awarded cont. by supervisors to imp. road from bridge near Nicasio creek to Pt. Reyes. Other bids: S. P. Brownlee (1) $6400; (2) $2200; Gates & Brazelton (1) $8596; (2) $2383.

OAKLAND, Cal.—Until Sept. 6, 12 m. bids will be rec. by Eugene K. Sturgis, city clerk, to imp. Lyon Ave., bet. 35th and Harrington Aves., involv. grading; const. conc. curbs and gutters; cem. walks; pave with oil macadam; 6-in. vit. sewer; vit. pipe lamphole; 2 br. manholes; br. catchbasin; vit. wye branches. 1911 Act. Cert. check payable to city req. W. W. Harmon, city engineer.

LOS ANGELES, Cal.—George R. Curtis, 2440 E 26th St., awarded cont. by Bd. Pub. Wks. at $14,691.85 for imp. Hobart Blvd., bet. Lemon Grove Ave. and Melrose Ave., involv. grading at $2000 (lump sum); 54,342 sq. ft. bitum base paving at 19c ft.; 1236 ft. curb at 65c ft.; 3310 sq. ft. walk at 20c ft.; 2958 sq. ft. gutter at 29c ft.; 29.1 ft. hse. sewers at $1.50 ft. Engr's est., $16,296.85. Griffith Co. bid $15,239.80.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 12th St. at termination and opposite termination of Bestor St., involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curbs, gutters, and walks; hyd. conc. inlet with c. i. top grating and frame; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Sept. 6, bids will be rec. by City council, S. A. Evans, clerk, for purchase of $200,000 bond issue voted to finance water system improvements.

TURLOCK, Stanislaus Co., Cal.—City trustees, A. P. Ferguson, clerk, declare inten. to imp. Washington Ave., bet. North Center and Thor St., and Thor St. bet. Wolfe and Canal Dr., involv. pave with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; corru. iron culverts. 1911 Act. Protests Sept. 18. Horace Hall city engineer.

REDWOOD CITY, San Mateo Co, Cal. City trustees, W. A. Price, clerk, declare inten. to const. 8-in. vit. sewer in Edgewood Rd., includ. 10 br. manholes with c. i. frames and covers; 1 lamphole; 52 4-in. vit. sewer laterals; all laterals to be connected with main sewer by 4x8-in. vit. wyes. 1911 Act. Protests Sept. 17. C. L. Dimmitt, city engineer.

SANTA BARBARA, Cal.—City Engr. George D. Morrison reports plans and spec. for 36 street improvement jobs, involv. approx. 100 blocks, have been authorized by the city council.

SANTA CRUZ, Santa Cruz Co., Cal.—County supervisors plan tax to finance county highway improvements. Public mass meeting with regard to proposed work will be held shortly. Lloyd Bowman is county surveyor.

SAN LEANDRO, Alameda Co., Cal.—City Eng. R. H. Goodwin instructed to prepare plans to extend Oakes Blvd. to Foothill Blvd.; cut another street through between Oakes Blvd. and Haas Ave. to the blvd.; extend Haas Ave. to banks of San Leandro Creek and extend Dowling Blvd. from Dutton Ave., across the creek to Estudillo Ave. Total est. cost $200,000 not including cost of bridge over San Leandro creek in Estudillo Ave.

PALO ALTO, Santa Clara Co., Cal.—City council, Frank Kasson, city clerk, declares inten. to imp. Maple and Palm Sts., and Ashby Ave., bet. University and San Franciscoquito creek, involv. grading; pave with 5-in. conc.; conc. curbs and cem. walks. 1911 Act & Bond Act 1915. Protests Sept. 11. J. F. Bxybee Jr., city engineer.

SANTA BARBARA, Cal.—Until 7:30 p. m., Sept. 6, bids ill be rec. by council to imp. Sola St., bet. Bath and Castillo Sts., grade and pave with 1½-in. asph. conc. wearing surface on 4-in. cem. conc. base; const. 3-ft. cem. conc. gutters; stone curb; conc. driveways and alley entrances; 6-in. vit. pipe main sanitary sewer; 4-in. vit. pipe hse. connections; 1911 Act. Geo. D. Morrison, city engr.

BAKERSFIELD, Kern Co., Cal. — Petitions are being circulated seeking the construction of a subway under the tracks of the S. P. at Mt. Vernon Ave. one mile east of Bakersfield.

LOS ANGELES, Cal.—Until 11 a. m., Sept. 4, bids will be rec. by supervisors to imp. Washington St., bet. east boundary of Culver City and west City limits of Los Angeles, under County Imp. No. 34, approx. 8958 lin. ft. or 1.7 mi., involv. 24,905 sq. ft. excav.; 42,069 sq. yds. sub-base; 67,062 sq. yds. cem. conc. base; 67,062 sq. yds. asph. conc. wearing surface; 610 lin. ft. cem. conc. curtain wall; 10,897 lin. ft. curb; 63,200 sq. ft. gutter; 990 sq. ft. walk; total est. cost $268,581.60. Average haul, 1.5 mi. from Culver City on P.E. Ry.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 4, 8 p. m., bids will be rec. by Jorn J. Lynch, city clerk, to imp Empire St., bet. st and 10th Sts., involving grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; const. hyd. conc. curbs and gutters; 9 br. catchbasins; 8-in. vit. pipe drains; hyd. conc. walks. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

GRAND CANYON, Ariz.—Pacific construction Co., Phoenix, only bidder to build the 8-mi. Hermit Rim Rd. W. W. Crasby, supt. Grand Canyon Natl. Park.

WOODLAND, Yolo Co., Cal.—A. Tiechert & Con, at $37,532.60, bidding Willite pavement, awarded cont. by county supervisors to const. Prefix 7 of county highway system, involv. approx 3230 tons 2-in. to 3-in. pavement. Clark and Henery Const. Co., Stockton, bid $38,727.70.

EUREKA, Humboldt Co., Cal. — A. Walter Kildale, city clerk, instructed to advertise for bids for furnishing city with 1000 yds. gravel for use on sts. Harry Hannah, city eng.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

LOS ANGELES, Cal.—Until 11 a. m., Sept. 17, bids will be rec. by supervisors to const. conc. storm drain and accessories through the property of the county road dept at Alhambra and Eastlake Aves.

STOCKTON, San Joaquin Co., Cal. — Blumenkranz and Vernon, Farmers & Merchants Bank Bldg., Stockton, at $20,653.40 submits low bid to city council to imp. portions of Bristol Ave., North Regent St. and Crafton and Dwight Ways: grade; const. comb. conc curb and gutter; conc. walks; pave with 4-in. cementing gravel base with 2-in. asph. macadam wearing surface. J. E. Johnston, Stockton, bid $21,087.87. Taken under advisement. W. B. Hogan, city engineer.

BERKELEY, Alameda Co., Cal. — City council, E. M. Hann, clerk, declares inten. to const. 8-in. vit. sewer from San Pablo Ave., from existing sewer in Virginia St. to pt. 565 ft. so.; br. manholes with c.i. curb and covers. 1911 Act. Protests Sept. 11. C. L. Huggins, city eng.

SAN FRANCISCO — Fay Imp. Co., Phelan Bldg., at $28,209.65 awarded cont. by Bd. Pub. Wks. to imp. Ulloa St., bet. 22nd and 27th Aves.; involv. 2778 lin. ft. conc. curb; 10 br. catchbasins; 380 lin. ft. 10-in. ironstone pipe culvert; reset 2 br. catchbasins; 2642 sq. ft. art. stone walks; 79,573 sq. ft. asph. conc. pavement.

RICHMOND, Contra Costa Co., Cal. —L. L. Page, Richmond, at $14,385.55 submits only bid to city council to imp. Maine Ave., bet. 23rd St. and S. P. right-of-way, involv.: grading; pave with Richmond stand. macadam; const cem. conc. curbs with bars of galv. steel; cem. conc. gutters, sidewalks, wingwalls & cem. conc. and corru. iron or steel culverts; 27th St., bet. Maine and Cerritos Addition, involv. grading; pave Richmond stand. macadam; conc. curbs and gutters; r.w. headers. Est. of City Engineer H. D. Chapman was $13,720.52. Bid will probably be rejected.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 4, bids will be rec. by Bd. Pub. Wks. to imp. under Vrooman Act, following streets:

Vernon Ave., bet. first alley west from Van Ness Ave. and Angeles Mesa Dr., involv. 4960 cu. yds. cut; 323 cu. yds. fill; 166,477 sq. ft. 6-in. conc. paving; 125 ft. curb; 18,410 sq. ft. walk; 2542 ft. hse. sewers; 865 sq. ft. bitum. base paving.

Marsh St., bet. n.e. line of Tract 3657 and a line perpendicular to the n.w. line of Marsh St., 118 ft. n.e. of Riverside Dr., involv. 3989 cu. yds. cut; 474 cu. yds. fill; 4349 ft. curb; 21,439 sq. ft. cem. walk.

Liberty St., bet. Scott and Berkeley Aves., involv. 3760 cu. yds. cut; 16 cu. yds. fill; 15,369 sq. ft. oiling and rolling; 1888 ft. curb; 4538 sq. ft. walk; 2321 sq. ft. gutter; san. sewer; post and chain railing; 5740 sq. ft. hand trimming.

GLENDALE, Cal.—City council orders plans prepared to pave Central Ave., bet. Broadway and San Fernando Rd., with Warrenite-bitul. for a width of 14 ft. from the curb on each side, leaving the crown until the sewer is ready to be laid.

FRESNO, Fresno Co., Cal.—No bids rec. by city council Aug 23 to const main sewer in Monterey Ave and lateral sewers in G and H Sts.; main sewer to be 18-in., 15-in. and 12-in. vit. clay pipe; lateral sewers to be 10-in. and 8-in.; const. 19 cem. conc. manholes with c.i. covers; 6-in. on 8-in. wyes and 6-in. on 10-in. wyes. 1911 act. Wm. Stranahan, city eng.

SAN FRANCISCO—E. J. Treacy, Call Bldg., awarded cont. by Bd. Pub. Wks. to imp. crossing of 19th and Mississippi Sts.; involv. reset 90 lin. ft. granite curb, $1.50; reset 3 br. catchbasins, $40; const. 4630 sq. ft. asph. conc. pave $.35; 607 sq. ft. art. stone walks, $.20. Municipal Const. Co., 112 Lyon St., awarded cont. to imp. 46th Ave., bet. Balboa and Sutro Heights involv. 522 lin. ft. conc. curb, $.98; 3654 sq. ft. vertical fibre brick pave $.60; 7786 sq. ft. asph. conc. pave, $.285.

PASADENA, Cal. — Until 10 a. m., Sept. 5, bids will be rec. by board of city directors to const. 8-in. vit. pipe san. sewer in Arroyo Blvd., bet. Washington and Montana St., Dakota St., bet. Forest Ave. and 1305 ft. west, and in Dakota St., bet. Forest Ave. and 734 ft. east, and portions of Prospect Blvd., Del Monte St., Logan, Hammond, Pasadena and other streets, involv. brick and conc. flush tanks and manholes with cast iron covers, 4-in wye branches, etc.; W. C. Earle, city engr. Bessie Chamberlain, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, has declared inten. to imp. Younglove Ave. bet. Erett Circle and pavement in place in Mission St., includ. crossings, involv. 5035 sq. ft. conc. gutter; 50,017 sq. ft. 6½-in. asph. macadam pavement; 55,052 sq. ft. grade to subgrade; 870 yds. cut; 15# yds. fill; 71 lin. ft. 10-in., 16 lin. ft. 12-in., 44 lin. ft. 15-in., 26 lin. ft. 18-in. and 46 lin. ft. 21-in. 12-gauge corru. pipe; 1 catchbasin and manhole; 4 type No. 1 catchbasins. 1911 Act. Protests Aug. 28.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Green St., bet. Jones and Leavenworth, involv 171 lin. ft. 8-in. sewer; 1 br. manhole; 2 lampholes; 6 8-in. ironstone wye branches. Est. cost $750.

SAN FRANCISCO, Cal. — Municipal Imp. Co., 112 Lyon St., at $12,495.09 awarded cont. by Bd. Pub. Wks. to imp. Joost, Ave., bet. Acadia and Baden Sts., involv. 2775 cu. yds. cut; 483 cu. yds. fill; 2194 lin. ft. conc. curb; 660 sq. ft. art. stone walks; 3 br. catchbasins; 90 lin. ft. conc. curb; 660 sq. ft. art. stone walks; 3 br. catchbasins; 90 lin. ft. 10-in. pipe culvert; 9600 sq. ft. conc. pavement; 17,893 sq. ft. asph. conc. pavement.

RENO, Nevada—City council plans to construct sewer system in Leete's Addition and University Heights; est. cost $22,000. Bond election will probably be held to finance construction. Harry Chism, city engineer.

SAN DIEGO Cal.—Until Sept. 12 bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., to construct roads and walks at San Diego, Calif. Work provided for under Specification No. 4901. Plans obtainable on deposit of $10.

RICHMOND, Contra Costa Co., Cal — Until Sept. 17, 8 p. m., bids will be rec by A. C. Faris, city clerk, to improve Maine Ave., bet. 23rd St. and S. P. right-of-way, involv.: grading; pave with Richmond stand. macadam; const. cem. conc curbs with bars of galv. steel; cem. conc. gutters, sidewalks, wingwalls and cem. conc. and corru. iron or steel culverts; 27th St., bet. Maine and Cerritos Addition, involv. grading; pave with Richmond stand. macadam; conc. curbs and gutters; r.w. headers. 1911 Act. Cert. check 10% payable to city req. Bids rec. for this work under last call were rejected. L. L. Page only bidder at $14,385.55; City Eng. H. D. Chapman estimates cost at $13,720.52.

BAKERSFIELD, Kern Co., Cal. — City council petitioned to pave Nile St. east of Baker street at cost of approx. $80,000, the city of Bakersfield to pay approx. one-fifth of the cost. W. D. Clarke, city eng.

FRESNO, Fresno Co., Cal.—No bids rec. Aug. 23 by city council to imp. McKinley Ave., bet. Palm Ave. and Block 4, North Park Terrace, involv. grading; const. conc. curb, gutter and walks; corru metal culverts with culvert manholes; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bitulithic wearing surface. 1911 Act. Wm. Stranahan, city engineer.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Bosworth St., bet. Hamerton and Burnside Aves., involv. 890 cu. yds. cut; 561 lin. ft. conc. curb; 474 sq. ft. art. stone walks; 6 br. catchbasins; 140 lin. ft. 10-in. ironstone pipe culvert; 6200 sq. ft. conc. pave; 4406 sq. ft. asph. conc. pave. Est. cost $5800.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 11, bids will be rec. by Bd. Pub. Wks. to imp. Dillon St., bet. Marathon St. and Bellevue Ave., involv. 2409 ft. curb; 12,296 sq. ft. walk; san. sewer; 39,855 sq. ft. 5-in. conc. paving; 6093 cu. yds. cut; 500 cu. yds. fill; Vrooman Act.

Separate bids, same date, to imp. 36th Pl., bet. Western Ave. and St. Andrews Pl., involv. 576 sq. ft. 6-in. conc. paving; 24,141 sq. ft. grading and oiling; 1785 ft. curb; 8692 sq. ft. walk; 3607 sq. ft. conc. gutter; 1227 cu. yds. cut; Vrooman Act.

Separate bids to imp. first alley w. of Allesandro St., from Scott Ave. to Montana St. and a portion of Scott Ave., involv. 493 cu. yds. excav; 6880 sq. ft. 5-in. cem. conc. paving; Vrooman Act.

PETALUMA, Sonoma Co., Cal.—Until Sept. 4, 7:30 p. m., bids will be rec. by Lyman Green, city clerk, to imp Broadway St., bet. Bassett and Lot No. 177, involv. 310 cu. yds. excav; 142 cu. yds. fill; 600 lin. ft. curb and gutter; 11,100 sq. ft. oil macadam pave. 1915 Bond Act. Cert. check 10% payable to city req. N. S. Frost, city eng.

SAN FRANCISCO—Raisch Imp. Co., 46 Kearny St., at $6673.15 awarded cont by Br. Pub. Wks. to imp. Seneca Ave., bet. San Jose and Delano, involv. 80 cu. yds cut; 775 cu. yds. fill; 820 li.n ft. conc. curb; 2 br. catchbasins; 50 lin. ft. 10-in. ironstone pipe culvert; 2410 sq. ft. art. stone walks; 13,780 sq. ft. asph. conc. pavement.

STOCKTON, San Joaquin Co., Cal.—Moreing Bros., Commercial Savings & Bank Bldg., Stockton, awarded cont. by Davis-Heller-Pearce, architects & engineers, Delta Bldg., Stockton, to gravel driveways in College of the Pacific grounds.

GLENDALE, Cal—E. L. Fleming 1007 cont. by council to imp. Sycamore Canyon Dr., bet. Sinclair and east city limits, involv. 2295 lin. ft. grading at $3.80 ft.; 3726 sq. ft. gutter at 21c ft.; 55,830 sq. ft. 5-in. oil macad. at 13c ft; 930 ft. curb at 50c ft.; 2098 ft. 8-in. c. i. water pipe at $6650 (complete).

SAN FRANCISCO — Board of Pub. Wks. rejects bids rec. to const. 3600 sq. ft. art. stone walks in Genesee St., bet. Joost and Flood Aves. Bidders were: Municipal Constr. Co., $.167; M. J. Lynch, $.20.

Auto Supplies
—at Cut Rate—

EVERYTHING FOR YOUR MACHINE

Zimmerlin Bros. Co.

Established 1907

3190 MISSION ST. Junction Valencia — Phone Market 8926

24 VAN NESS AVENUE Near Market

CARSON CITY, Nevada.—Until Sept. 19, bids will be rec by State Highway highway engineer, for following projects.

1. Grade, const. culverts and place cem. conc. surface in White Pine county, bet. 1st and Aultman Sts., and east city limits of Ely.

2. Grade, const. culverts and steel and concrete overhead crossing and placing selected material surface in White Pine county from Keystone to First and Aultman Sts., city of Ely.

3. Grade, const. culverts, place cem. conc. and gravel surface in Elko county, bet. West city limits of Elko and 15th St.

4. Grade, const. culverts and place gravel surface in Douglas county bet. 3-mi. north of Holbrook and 2-mi north of Carters.

See call for bids under official proposal section in this issue.

TURLOCK, Stanislaus Co., Cal.—City Eng. Horace Hall has completed spec. to pave Locust St., bet. Columbia and

---

SANTA CRUZ, Santa Cruz Co., Cal.—Until Sept 13, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to imp. Youngblood Ave., bet. Errett Circle and pavement in place in Mission St., includ. crossings, involv. 5035 sq. ft. conc. gutter; 50,017 sq. ft. 6½-in. asph. macadam pavement; 55,052 sq. ft. grade to subgrade; 870 yds. cut; 150 yds. fill; 71 lin. ft. 10-in., 16 lin. ft. 12-in., 44 lin. ft. 15-in., 26 lin. ft. 18-in and 46 lin. ft. 21-in. 12-gauge corru. pipe; 1 catchbasin and manhole; 4 type No. 1 catchbasins. 1911 Act. Cert. check 10% payable to city req.

LONG BEACH, Cal.—Lloyd C. Campbell, 350 Merrick St., Los Angeles, submitted low bid to council at $139,228 to cem. pipe sewer system in Sanitary Sewer Pump Dist. No. 1, embracing State, Chestnut, 19th and other streets and alleys. Other bids were: S. M. Kerns, $159,700; Adam Dalmatin and Mike Guho, $162,000; A. T. Dmitar, $171,300; Leo Miletich, $173,104.

PASADENA, Cal.—Until 10 A. M., Sept. 5, bids will be rec. by board of city directors to const. 8-in. vit. pipe san. sewer in Arroyo Blvd., bet. Washington and Montana St., Dakota St., bet. Forest Ave. and 1305 ft. west, and in Dakota St., bet. Forest Ave. and 734 ft. east, and portions of Prospect Blvd., Del Monte St., Logan, Hammond, Pasadena and other streets, involv. brick and cons. flush tanks and manholes with cast iron covers, 4-in. wye branches, etc.; W. C. Earle, city engr. Bessie Chamberlain, City Clerk. The total length of streets in which this sewer is to be laid amounnt to 86,000 lin. ft This work involvs. following approx. quantities: 69,175 ft. 8-in., 9500 ft. 10-in., 5090 ft. 12-in., 1060 ft. 14-in., 2411 ft. 16-in., vit pipe; of this there will be incased in conc. 868 ft. of the 8-in. pipe and 350 ft of the 16-in. pipe. There will be 2690 8x4, 370 10x4, 195 12x4, 42 14x4 and 25 16x4 wyes; 300 manholes; 70 flushtanks.

GLENDALE, Cal.—P. L. Ferry, 614 Acacia St., Glendale, low bidder at $5377.85 to imp. Gsell, Pacific and Gilbert Sts. Bids were: P. L. Ferry, 343 lin. ft. grading, $1.25 ft.; $1625 ft. curb, 50c ft.; 10,560 sq. ft. 3-in. macadam 11c ft.; 7750 sq. ft. walk, 18c ft.; C. L. Hill, $1 grade, 52c curb, 11c pave, 18c walk; E. L. Fleming, $1.75 grade, 50c curb, 10½c pave, 18c walk.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., submitted low bid to council at $28,440 to pave Imperial Ave., bet. 32nd and 40th Sts., involv. (1) 7912 cu. yds. excav. 73c pd; (2) 451 cu. yds. embank. 10c yd; (3) 123,763 sq. ft. 3-in. bitum. base and 1½-in. Topeka top 17c ft.; (4) 1541 ft. curb 60c ft.; (5) drains and culverts complete, $654. Other bids were:

Griffith Co.—(1) $1; (2) 10c; (3) 16.4 (Topeka); (4) 60c; (5) $2100; total $31,278.83.

H. G. Feraud—(1) 70c; (2) 5c; (3) 21.25c; (4) 70c; (5) $1125; total, $34,064.29.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, declares inten. to sewer portion of Highland ave. involv. const. of 6-in. vit. sewer; 9 br. manholes with c. i. tops; 22 4-in. wye branches. 1911 Act. Protests Sept. 13.

ORANGE, Cal.—Until 1 p. m., Sept. 4, bids will be rec. by city trustees to const. 10 conc. manholes, with frames and covers, and approx. 2630 lin. ft. 18-in. conc. pipe and 3500 lin. ft. 24-in. conc. pipe. Cert. check or bond 10%. W. A. White, city clerk.

EAST SAN DIEGO, Cal.—City trustees order $200,000 paving program over the protests of the property owners. It is said that especialy protests were made against the Willite pavement which was specified.

CENTERVILLE, Alameda Co., Cal.—Until Sept. 11, bids will be rec. by Joseph C. Mowry, secy. Union Sanitary District, for purchase of $75,000 bond issue; proceeds of sale to finance sewer improvements.

SANTA ANA, Cal. — Steele Finley, Santa Ana, Submitted low bid to city trustees to pave Fairview Ave., bet. S Main and S Flower Sts., involving 112,747 sq. ft. grading and paing with 6-in. asph. conc. 22.5c ft.; 3174 ft. curb 85c ft.; 735 ft. 4-in. sewer pipe 60c ft.

Griffith Co. bid 25c paving; 75c curb; 25c sewer.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 11, 5 p. m., bids will be rec. by N. Freel, city clerk, to imp. portions of E-Main, E-Washington, E-Lafayette E-Sonora and F Sts.: Grade; const. comb. conc. curb and gutter; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. surface. 1911 Act and Bond Act 1915. Cert. chk. 10% payable to city req. W. B Hogan city engineer!

LOS ANGELES, Cal.—C. D. Brown, 832 Lake Ave., Wilmington, submitted low bid to supervisors at $10,757 to imp. Amestoy Ave., bet. Hobart and Guaymas Sts., and portions of Barton, Eleanor and Hobart Aves, and Hobart Blvd., under county imp. No. 27, involving (1) 1753 cu. yds. excav. 60c yd; (2) 7243 lin. ft. curb 54.8c ft.; (3) 28,970 sq. ft. walk 19.8c sq. ft. Other bids were:

E. D. Baucus—(1) 70c; (2) 55c; (3) 20c; total, $11,004.75.

J. G. Beckjord—(1) 75c; (2) 65c; (3) 23c; total, $12,685.80.

P. F. Martter—(1) 60c; (2) 62c; (3) 32c; total, $12,205.56.

Geo. Snyder—(1) 65c, (2) 63c, (3) 22c, total, $12,075.94.

W. D. McCray—(1) 80c, (2) 65c, (3) 23c.

SAN DIEGO, Cal.—H. G. Fenton, 168 10th St., San Diego, submitted low bid to council to imp. Imperial Ave. and 10 other streets, involv. (1) 15,800.1 cu. yds. excav. 90c yd.; (2) 9092.6 cu. yds. embank 13c yd; (3) 20,663.28 ft. curb 70c ft.; (4) 94,776.64 sq. ft. walk 24c ft.; (5) 2115 sq. ft. gutter 30c ft.; (6) 11 cement culverts $7250.

John Engebretsen, McNeece Bldg., bid (1) 35c; (2) 1c; (3) 80c; (4) 27c; (5) 1c; (6) 22,275.

SANTA BARBARA, Cal.—County supervisors have taken up matter of paving roads in Goleta section. The county engr's office has prepared the data and it is believed that property owners will co-operate in the movement. One of the principal roads now sought is a road that would parallel the state highway, but further back toward the mountains, and connect with a cross road in Hope dist., now extended betw. Central and Hope Aves., and entering Santa Barbara at a prolongation of what would be Hollister if it were extended straight north, instead of making the turn westerly at Hollister Heights.

BAKERSFIELD, Kern Co., Cal.—Until Sept. 17, 10 A. M., bids will be rec. by F. S. Smith, County Clerk, to const. County Road No. 523. Cert. check 10% payable to county req. Plans obtainable from clerk.

SALINAS, Monterey Co., Cal.—W. A. Dontanville, Salinas, awarded cont. by city council to imp. Avenue A, bet. So. Main St. and Avenue C; Avenue B, bet. South Main St. and Avenue C; Avenue C, bet. Avenue B and Clay St.; Lincoln Ave., bet. south line of Clay St. and north line of Clay St., involv. 42,320 sq. ft. grade, $8.032 sq. ft.; 35,997 sq. ft. waterbound macadam pave, $.095 sq. ft.; 2766 sq. ft. conc. gutters, $.29 sq. ft.; 2840 lin. ft. conc. curb, $.70 lin. ft.; part circle culverts, $2.50 lin. ft.

LOS ANGELES, Cal.—Roger Averill, 1428 W 30th St., submitted low bid to supervisors at $16,875 to const. conc. roadways and walks with accessories at Olive View Sanitarium, near Sylmar. The Heuser-Packard Co. bid $33,000.

NEWPORT BEACH, Cal.—City trustees declare inten. to imp. Santa Ana Ave., bet. west city boundary and 15th; grade and pave with cem. conc. pavement; const. conc. curbs, granite conc. ornam. lighting system; also improving portions of 12th and 14th Sts.; 1911 Act. Alfred Smith, city clerk.

EL SEGUNDO, Cal.—Until 7:30 p. m. Sept. 18, bids will be rec. by City Clerk Victor D. McCarthy for const. concrete foundations for an elevated steel water tank for city of El Segundo. Plans and spec. may be obtained from Olmstead & Gillelen, 1112 Hollingsworth Bldg., L. A. Cert. check or bond 10%.

SAN DIEGO, Cal. — Pittsburg-Des Moines Steel Co. submitted low bid to council at $68,300 for const. a 1,200,000 gal. capacity steel stand pipe for water system. Other bids were: Minneapolis Steel & Mchy Co., $71,250; Chicago Bridge & Iron Wks., $72,550; Bethlehem Shipbuilding Corp., $75,463; Llewellyn Iron Works, $78,250; Ritter-Conley Co., Pittsburgh, $159,100. Bids were referred to City Engr., F. A. Rhodes.

HUNTINGTON PARK, Cal.—Until 8 p. m., Sept. 17, bids will be rec. by city trustees for one horizontal centrifugal pump, direct connected, 350 gals. per min. agajnst a head of 125 ft. capacity installed for operation. Cert. check or bond 10%. H. H. Hunter, city clerk.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

Notice: This product, originally announced as "Floorseal," will hereafter be known as "Fuller Floor Preservative."

Fuller Floor Preservative

for Magnesite

MAGNESITE must be sealed because of its porous, crystalline structure. Fuller Floor Preservative penetrates deeply and seals magnesite thereby making it non-porous, oil and water-proof without affecting its color.

But Fuller Floor Preservative does more than seal. By filling the voids between the particles of magnesite a continuous, durable surface is formed which resists wear and tear. It prevents grinding-in of dust and dirt which causes the dark stains so often seen on magnesite. The eggshell gloss surface of Fuller Floor Preservative is easily kept clean and can be waxed, painted or varnished if desired.

Fuller Floor Preservative dries over night. If used on magnesite or any porous surface it can be walked on immediately without harming the finish. No skill is required to apply Fuller Floor Preservative. A night watchman or janitor can do it with a rag or brush making the cost of material the only cost.

An occasional application of Fuller Floor Preservative will keep wood or linoleum as well as magnesite floors looking their best and make them wear longer.

A generous sample of Fuller Floor Preservative will be sent without charge. Write on your letterhead to Dept. B-2.

FULLER

PAINTS Since '49 **VARNISHES**

301 Mission Street San Francisco, Calif.

Architects—Engineers—City and County Officials

How about bids wanted?

Are you satisfied with the bids you received on that last job?

Did you have competition—and plenty of it? If not—why not?

Without charge the BUILDING & ENGINEERING NEWS will place your job before the construction interests of the Pacific Coast. That means competition and—competition means the lowest possible bid.

If you want competition send particulars of your job to BUILDING & ENGINEERING NEWS—also a set of plans and specifications.

Reach the *Independent Bidder* through the columns of BUILDING & ENGINEERING NEWS

The combined news services of BUILDING & ENGINEERING NEWS have a circulation of

2804

—reaching the Engineer, Contractor and Material Dealer.

Can you reach one quarter the amount of interested people through any other news service published in this section? We think not—in fact, we know you cannot.

If you want *competition*—if you want *independent* contractors to figure your job—if you want the *lowest possible bid*—send particulars of your project to

Building & Engineering News

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 11, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 2nd St., bet. Santa Clara and San Fernando Sts.; remove existing basalt block gutters and construct hyd. conc. gutters; remove portions of existing bituminous wearing surface and replace with asphaltic conc. binder, etc., etc. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

MONTANA—Until Sept. 13, 10 a. m., bids will be rec. by C. H. Purcell, Dist. Eng., U. S. Bureau of Pub. Wks., 607 Smead-Simons Bldg., Missoula, Montana, to const. Belton Java, Nyack Crystal Creek Section, in Flathead Natl Forest, 3.63 mi. involv. 29.1 ac. clearing; 19.3 ac. grubbing; 43,300 cu. yds. rock excavation; 24,100 cu. yds. common excavation; 251,250 sta. yds. overhaul; 3.63 mi. finishing earth road; 450 lin. ft. pipe culverts; 825 sq. ft. log cribbing; 238 cu. yds. class A conc. in bridges; 6.2 tons struc. steel, hauling and erecting; 18,000 lbs. rein. steel; 200 cu. yds. hand placed embankment; 5950 cu. yds. surfacing crushed rock or gravel; 50 lin. ft. guard fence, stone; 200 lin. ft. guard fence, sawed; 47.3 cu. yds. cem. rubble masonry. Govt. has equipment for lease to contractor. Plans obtainable on deposit of $10, from above office.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 11, 8 P. M., bids will be rec. by J. J. Lynch, City Clerk, to imp. 24th St., bet. San Antonio and William St.: Grade; pave with 1½-in. Durite asph. conc surface with 3-in. Durite asph. conc. base; hy. cem. conc. curb, gutter and walks; hyd. cem. conc. culverts; 1 br. manhole; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and 1915 Bond Act. Cert. check 10% payable to city req. Wm. Popp, City Eng.

28

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crummey, 121 Pearl St., Oakland, awarded contract by council to imp. Acacia Ave., bet. San Pedro and Poplar Sts.: Grade; pave with 1½-in. asph. conc. surface on 3-in. asph. conc. base; conc curbs and gutters.

NILES, Alameda Co., Cal.—Until Sept 11, bids will be rec. by H. B. Rathbun, secy. Niles Sanitary District, for purchase of $65,000 bond issue; proceeds of sale to finance sewer improvements.

SAN DIEGO, Cal.—Bids rec. by supervisors to pave 1.64 mi. in the city of Escondido, bet. Nutmeg and Lime Sts., 18-ft. wide on four types of pavement, viz: (a) 5-in. cem.conc.;(b) 5-in. asph. conc.; (c) Willits and (d) Warrenite, were:

J. F. Knapp, Los Angeles—(a) $41,800
Steele Finley, Santa Ana—(b) $42,488
(d) $43,905.53.
Warren Constr. Co., San Diego—(d) $41,470.
Calif. Constr. Co., San Diego—(a) $45,385; (b) $39,100; (d) $41,470.
H. D. Churchill, Los Angeles — (a) $44,550.55.
Wells & Bressler, Santa Ana—(a) $45,000.
H. G. Feraud, Los Angeles—(c) $46,-508.44.
Isbell Constr. Co., Westwood, Cal.—(a) $51,449.84.

PLACER COUNTY, Cal. — Kaiser Paving Co., American Bank Bldg., Oakland, at $37,805.75 (engineer's estimate, $37,679) awarded cont. by State Highway Commission to const. conc. shoulders and pavement on 1.2 mi. in Placer county bet. Roseville and Lincoln.

SAN JOAQUIN COUNTY, Cal.—Irey & Holden, Lodi, at $41,100 (engineer's estimate, $54,800) awarded cont. by State Highway Commission for 8.07 mi. of waterbound macadam schoulders in San Joaquin county bet. West Boundary and Banta.

GLENDALE, Cal.—Until 7 p. m., Sept. 13, bids will be rec. by city clerk, Van Wie, to imp. Sycamore Canyon Road under the Vrooman Act, the work involves 8,711.20 lin. ft. grading; 31,988.77 sq. ft. gutter; 17,091.39 lin. ft. curb; 442,636.40 sq. ft. paving with 4-in. asph-conc. base and 1½-in. National surface, reinf. conc. and corru. iron culverts (est. cost, $2400), and laying (only) water pipe as follows: 277 ft. 4-in.; 5613 ft. 6-in.; 210 ft. 8-in.; 370 ft. 12-in. Est. cost $200,000.

Separate bids, same date, to imp. Colorado St., bet. east and west city limits involv. 538,989.44 sq. ft. grading; 519,516.04 sq. ft. paving with 4-in. asph conc. base and 1½-in. National surface; 204,950 sq. ft. scarifying and oiling present center strip of oil macadam; 23,452.32 lin ft. curb; 19,473.40 sq. ft. gutter; 5448 sq. ft. sidewalk; 5 culverts at intersections (est. cost $3250), and laying (only) the following water pipe: 180 ft 12-in., 8168 ft. 8-in., 570 ft. 6-in., 420 ft. 4-in. Vrooman Act; est. cost, $217,000. B. F. Dupuy, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 11, 8 P. M., bids will be rec. by J. J. Lynch, city clerk, to imp. 16th St., bet Santa Clara and Julian: Grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. walks; 1 br catchbasin; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req Wm. Popp, City Eng.

SAN DIEGO, Cal—Bids rec. by Supervisors to pave 3.04 mi. of county highway from Bernardino to Escondido, 18 ft. wide, on 4 types of paving; (a) 5-in. cem. conc.; (b) 5-in. asph. conc.; (c) Willite; (d) Warrenite, were:

H. D. Churchill, Los Angeles — (a) $71,018.20.
Steele-Finley, Santa Ana; (b) $62,665.
Isbell Constr. Co., Westwood—(a) $76,669.87.
Warren Constr. Co., San Diego — (d) $68,884.46.
J.-F. Knapp, Los Angeles—(a) $65,300
California Constr. Co., San Diego — (a) $73,125; (b) $62,280; (d) $66,620.
H. G. Feraud, Los Angeles—(c) $71,-269.31.
Well & Bressler, Santa Ana — (a) $70,000.

SAN JOSE, Santa Clara Co., Cal.—Until Sept. 11, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Humboldt St., bet. Mastic and Vine Sts.; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bitulithic cem. bituminous conc. base; conc. curbs and gutters; hyd. cem. conc. walks; 1 br. catchbasin; 8-in. vit. pipe drains; 1 storm water inlet; hyd. cem. conc. alley driveways. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal. — Until Sept. 11, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Locust St., bet. Balbach and Grant Sts.: Grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc base; hyd cem. conc. curb and gutter; 2 br. catchbasing with c. i. tops, gratings and frames; 8-in. vit. pipe drains. 1911 Act and 1915 Bond Act. Cert. check 10% payable to city req. Wm. Popp, city engineer.

NAPA, Napa Co., Cal.—Until Sept. 17, 7:30 P. M., bids will be rec. by H. H. Thompson, City Clerk, to imp. Vallejo St., bet. Main and Yajome: Grade; const. conc. curb; pave with 2-course asph. macadam, 40-ft. wide. 1911 Act. Cert. check 10% payable to city req. H. A. Harrold, City Eng.

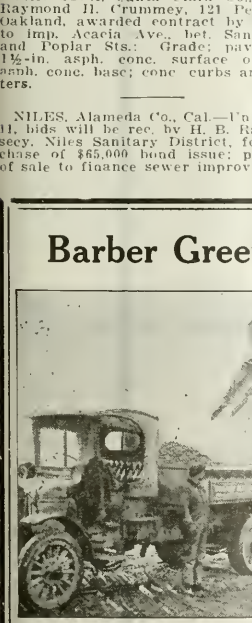
SAN DIEGO, Cal—Bids rec. by supervisors to pave 9.89 mi. county highway Buena to Bonsall, 18-ft. wide on 4 types of pavement, viz: (a) 5-in. cem. conc.; (b) 5-in. asph. conc.; (c) Willite and (d) Warrenite, were:

H. E. Cox, Pasadena—(a) $242,187.41.
Steele-Finley, Santa Ana—(b) $285,-500.
Warren Constr. Co., San Diego—(a) $292,000.
California Constr. Co., San Diego—(a) $320,180; (b) $272,715; (d) $286,950.
Isbell Constr. Co., Westwood, Cal. — (a) $315,013.70.
H. G. Feraud, Los Angeles—(c) $280,-708.87.
Wells-Bressler, Santa Ana — (a) $295,000
H. D. Churchill, Los Angeles — (a) $293,077.36; (b) $255,959.92; (c) $274,-945.82.

SAN DIEGO, Cal—Bids rec. by supervisors to pave 8.55 mi. of county highway from Fallbrook to San Diego-Riverside county line, 18 ft. wide, on 4 types of paving: (a) 5-in. cem. conc.; (b) 5-in. asph. conc.; (c) Willite; (d) Warrenite, were:

H. D. Churchill, Los Angeles — (a) $233,400; (b) $201,327.76.
Steele-Finley, Santa Ana—(b) $203,-500.
Isbell Constr. Co., Westwood — (a) $282,953.64.
Warren Constr. Co., San Diego — (d) $211,000.
H. D. Feraud, Los Angeles—(c) $209,-836.43.
California Constr. Co., San Diego — (a) $236,870; (b) $196,180; (c) $208,390.
H. E. Cox, Pasadena—(a) $242,187.41.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

OFFICIAL PROPOSALS

(Continued from Page 19)

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on September 19th, 1923 for constructing portions of the State Highway System as follows:

(1) Bids received until and opened at 1:00 P. M. for grading, construction of culverts and placing a cement concrete surface in White Pine County, between First and Aultman Streets and the East City Limits of Ely.

(2) Bids received until and opened at 2:00 P. M. for grading, construction of culverts, and a steel and concrete overhead R. R. Crossing and placing a selected material surface in White Pine County from Keystone to First and Aultman Streets, City of Ely.

(3) Bids received until and opened at 3:00 P. M for grading, construction of culverts and placing a cement concrete and gravel surface in Elko County, between the West City Limits of Elko and 13th Street.

(4) Bids received until and opened at 3:30 P. M. for grading, construction of culverts and placing a gravel surface in Douglas County between 3 Miles North of Holbrook and 2 Miles North of Carters.

Plans may be examined and form of proposal, contract and specifications secured at the office of the undersigned. May also be examined at the County of City Clerk's office in Ely for White Pine County work, the County Clerk's office in Elko for Elko County work and Minden for Douglas County work, the Division Engineer's office in Las Vegas, Reno or Elko, and District Office of Bureau of Public Roads, Bay Building, San Francisco, California. Cash deposit of Fifteen dollars ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided, that they are returned within 30 days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the Contract and Specification.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

NOTICE TO CONTRACTORS

(Stockton High School Auditorium)

Notice to bidders is hereby given that bids for work on the high school auditorium as per plans and specifications on file at the office of the Superintendent of Schools, corner Lindsay and San Joaquin streets, or Louis S. Stone, Architect, Belding Building, will be opened **Friday, September 7th, 1923 at 7:30 p. m.,** at said Superintendent's office.

The work includes:
Interior Finish.
Stage Equipment.
Heating and Ventilating.

Bids may be submitted on each division of the work.

The High School Board reserves the right to reject any or all bids. A certified check of 10 per cent of the amount bid must accompany said bid.

Dated: Wednesday, August 8, 1923.
By Order of the High School Board.
By Ansel S. Williams, Clerk.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on September 11, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Santa Clara County, across Cedar Creek, about 18 miles east of Gilroy (IV-S. Cl-32-B), a bridge composed of three 42 foot 4 inch reinforced concrete girder spans with concrete piers, abutments and wing walls; also across North Fork Pacheco Creek, about 21 miles east of Gilroy (IV-S. Cl-32-C), a bridge composed of three 50 foot and four 25 foot reinforced concrete girder spans on concrete bents.

San Benito County, between one-fifth mile south of San Benito River and Pajaro River Bridge (V-S.Bt-67-A), about three (3.0) miles in length, to be graded and surfaced with gravel.

Plans may be seen and forms of proposals, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated August 13, 1923.

NOTICE TO BIDDERS

(Hanford Joint Union High School District)

Notice is hereby given that the Trustees of the Hanford Joint Union High School District, at a special meeting of the Board, held Monday, August 8th, 1923, 8:00 P. M. at its regular place of meeting, passed a motion, duly made and seconded to purchase a certain number, more or less, steel lockers, to meet the requirements of the said district, and that the clerk of the Board be instructed to cause to be placed in the Hanford Sentinel, a notice to bidders of its intention to purchase a number of steel lockers of the following description:

400, more or less, lockers, 42 inches high, 12 inches wide by 15 inches deep Lockers to be installed back to back, excepting 26 to be arranged in three single tiers. Flat top, adjustable legs, doors and frames to be made of not less than No. 16 U. S. gauge steel.

325, more or less, lockers, 15 by 15 by 15 inches, to be made of not less than No. 22 gauge steel.

Each locker to have at least two hooks, two coats of baked enamel finish, color green, Oxy-acteylene welded frames with invisible joints. All lockers to be fitted with Miller click padlocks and number plates.

Notice is further given that the said board of trustees, of said high school district, will receive proposals to furnish steel lockers, as described, **up to Monday, Sept. 10th, 1923, not later than 8:00 P. M.**. All bids to be sealed with name of bidder shown on envelope, and mailed to, or delivered in person, to the clerk of the Board on or before the date mentioned.

A certified check or bidder's bond for 10 per cent of the amount of the bid must accompany same.

The Board of Trustees reserves the right to reject any or all bids.

G. W. ARMSTEAD,
Clerk of the Board of Trustees

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No	Owner	Contractor	Amt
3237	Warwick	Owner	60000
3238	Voorhees	Wagner	15000
3239	Bernie	Isitteson	3500
3240	Newsom	Owner	3000
3241	Nelson	Owner	4000
3242	Creber	Wilhelm	6000
3243	Kefner	Nichols	1000
3244	Moss	Kragen	1500
3245	Garden	Mangels	21909
3246	Steinbauer	Jones	1350
3247	Shumates	Hoffman	3500
3248	Wissman	Meyer	14738
3249	Pelton	Owner	60000
3250	Janssen	Owner	6950
3251	Nelson	Owner	55000
3252	Stanley	Owner	3000
3253	Olson	Owner	3000
3254	Hamill	Owner	4000
3255	Adair	Hamill	7000
3256	Nelson	Owner	5000
3257	Snowden	alters	1500
3258	Evjenth	Owner	1000
3259	Brodek	Owner	1000
3260	Crocker	Samuelson	10000
3261	Same	Same	9600
3262	Same	Same	19000
3263	Herzog	Meyer	13960
3264	Ghirardelli	Moore	39128
3265	Sordelli	McCarthy	6100
3266	Sixth Chr C S	MacGruer	1998
3267	Same	Krause	3675
3268	P G & E	Williams	——
3269	Cole	Meyer	10000
3270	Watson	Owner	6000
3271	Hall	Owner	12000
3272	Bergstrom	Magnuson	6000
3273	Quistad	Owner	9000
3274	Erickson	Owner	7000
3275	McKnight	Owner	3000
3276	Olsen	Owner	2000
3277	Levin	Parker	4157
3278	Viguie	Mattoch	34624
3279	P G & E	Pacific	5289
3280	Herrguth	Waxman	1200
3281	Payne	Owner	2000
3282	Haley	Boswall	3300
3283	General	Mullen	2000
3284	Warren	Ehlers	1900
3285	Konkel	Owner	4500
3286	Rolide	Gillogley	5000
3287	Bothin	Buschke	7000
3288	Wagner	Owner	3000
3289	Bordegery	Owner	1400
3290	Petroni	Mitchell	1400
3291	Lurie	Vukicevich	23000
3292	Carr	Johnson	1200
3293	Phelan	Scully	70000
3294	Keck	Owner	18000
2395	Santini	Ferroni	2900
3296	Federal	Day	4860
3297	Same	Same	3603
3298	Same	Western	2630
3299	Same	Medart	3572
3300	Same	Rogers	3100
3301	Meyer	Meyer	18000
3302	Allen	Owner	1500
3303	Rednall	Owner	2200
3304	Bennett	Owner	4000
3305	Berry	Owner	4500
3306	Larisson	Owner	4000
3307	Ferrogiaro	Owner	5000
3308	Newson	Owner	3500
3309	Rossi	Owner	7000
3310	Harder	Hansen	1435
3311	Angeli	Crown	5750
3312	City Inv.	Jackson	1000
3313	Nelson	Owner	15000
3314	Nelson	Owner	4000
3315	Diehel	Arras	1500
3316	Hansen	Owner	1500
3317	Sheedy	Owner	3000
3318	Guttner	Owner	1600
3319	Mangels	Mangels	7000
3320	Dorr	Owner	3000
3321	Selinger	Owner	5000
3322	Sharbaro	Owner	32000
3323	Ahearn	Lovell	3000
3324	Appleford	Garin	6971
3325	Callahan	Eldrup	12000
3326	McCarthy	Backman	2000
3327	Johanson	Anderson	5550
3328	Brige	Owner	4000
3329	Cabiria	Korell	1900
3330	Venturi	Owner	1500
3331	Eddy	Sayre	1000
3332	Lain	Monson	87500
3333	Bell	Owner	80000
3334	Wakrom	Coffer	4400
3335	Zietich	Cohen	23849
3336	Cole	Meyer	11380

APARTMENTS
(3237) S PACIFIC AVE 97-6 W Franklin. Three-story and basement frame (12) apartments.
Owner—Harry C. Warwick, 3769 Jackson St., San Francisco.
Architect—Ed Musson Sharpe, 400 Montclair Ave., Oakland, $60,000

ALTERATIONS
(3238) NE VAN NESS AND FERN Aves. Renovate; construct new bath rooms; extend elevator one story for rooming house.
Owner—Voorhees Estate.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Daniel R. Wagner, 540 Call Bldg., San Francisco. $15,000

DWELLING
(3239) N HOLLOWAY 50 W Brighton. Two-story frame dwelling.
Owner—Jas. Bernie, 1405 Alabama St., San Francisco.
Architect—Fred Isaacson, 537 Forester St., San Francisco.
Contractor—Fred Isaacson, 537 Forester St., San Francisco. $3500

DWELLING
(3240) W TIFFANY AVE 400 S Duncan. One-story and basement frame dwelling.
Owner—Wm. A. Newsom, % Bank of Italy, San Francisco.
Architect—A. G Rizzoli, 25th and Florida St., San Francisco. $3000

DWELLING
(3241) W FORESTSIDE AVE 114-4 N Ulloa. Two-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $4000

DWELLING
(3242) N CABRILLO 82-6 W Twenty-third Ave. One-story and basement frame dwelling.
Owner—W. M. Creber, Premises.
Architect—None.
Contractor—A. H. Wilhelm, 180 Jessie St, San Francisco. $6000

REPAIRS
(3243) NO. 55 GOLDEN GATE AVE. Repair fire damage to auto repair shop.
Owner—J. M. Kefner, 80 Post St., San Francisco.
Architect—None.
Contractor—H. D. Nichols, 1381 Stevenson St., San Francisco. $1000

ALTERATIONS
(3244) NO. 752 MARKET. Install show windows for store.
Owner—Moss Glove Co., Premises.
Architect—None.
Contractor—Louis Kragen, 661 Golden Gate Ave., San Francisco. $1500

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

RESIDENCE
(3245) LOT 2 BLK 24; LOT 5 BLK 24; Lot 23 Blk 23, St. Francis Wood Extn. No. 2. All work for three frame residences.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Aug. 23, '23. Dated Aug. 21, '23.
Frames up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $21,909
Bond, $10,954.50. Sureties, Theresa Gamma and John A. F. Steimke. Limit, Dec. 15, 1923. Forfeit, $5. Plans and specifications filed.

ALTERATIONS
(3246) NO. 305 CHURCH. All work except painting, shades and light fixtures for alterations and additions to flat building.
Owner—Wm. Steinhauer.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.
Contractor—Thomas M. Jones, 3767 Army St., San Francisco.
Filed Aug. 23, '23. Dated Aug. 23, '23.
Completed and accepted.....$1000
Usual 35 days..... 350
TOTAL COST, $1350
Bond, none. Limit, 35 days. Forfeit, none. Plans and specifications filed.

STORE FIXTURES
(3247) SW GEARY AND TENTH AVE All work for store fixtures for drug store in building.
Owner—Shumate's Pharmacy, Inc., 1640 Divisadero St., San Francisco.
Architect—None.
Contractor—L. Hoffman as Royal Show Case Co., 759 McAllister St., S. F.
Filed Aug. 23, '23. Dated Aug. 18, '23.
Carpenter work and cabinet work completed $875
Cabinet work set in place..... 875
Completed and accepted..... 875
Usual 35 days..... 875
TOTAL COST, $3500
Bond, $1750. Surety, United States Fidelity & Guaranty Co. Limit, Oct. 18, 1923. Forfeit, none. Plans and specifications filed.

COTTAGES
(3248) E TWENTY-SEVENTH AVE 150 N Clement N 75xE 120. All work for three six-room cottages.
Owner—H. Wissmann, 2255 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed Aug. 23, '23. Dated July 18, '23.
Frame up $3684.50
Brown coated 3684.50
Completed 3684.50
Usual 35 days..... 3684.50
TOTAL COST, $14,738.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FACTORY, ETC.
(3249) S NINETEENTH from Florida to Alabama. Two-story steel and concrete factory and offices.
Owner—Pelton Water Wheel Co., 19th and Alabama Sts., San Francisco.
Engineer—W. W. Hanscom, 848 Clayton St., San Francisco. $60,000

FRAME FLATS
(3250) W SEVENTH AVE 200 S Geary Two-story and basement frame (2) flats.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $6950

DWELLING
(3251) SE FAXON AVE AND ELMwood Way. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $5000

DWELLING
(3252) SE AUGUSTA & BOUTWELL. One-story and basement frame dwelling.
Owner—J. Stanley, 153 Brussels St., San Francisco.
Plans by Owner. $3000

DWELLING
(3253) W FORTY SEVENTH AVE 125 N Fulton. One-story and basement frame dwelling.
Owner — C. Olson, 376 Hill St., San Francisco.
Architect—None. $3000

DWELLING
(3254) N ANZA 60 E 28th Ave. One-story and basement frame dwlg.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $4000

FRAME FLATS
(3255) N BALBOA 32-6 E Twentieth Ave. Two-story and basement frame (2) flats.
Owner—Ed. Adair, 1227 21st Ave., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $7000

DWELLING
(3256) NE FAXON AVE AND ELMwood. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $5000

ADDITIONS
(3257) NO. 126 EDINBURG. Raise and make additions to dwelling.
Owner—R. D. Snowden and wife, Prem.
Architect—None.
Contractor—John Walters, 1825 Church St. and Henry Erickson, 30 Cumberland St., San Francisco. $1500

GARAGE
(3258) NO. 1359 GOLDEN GATE AVE. Cement work, etc., for private garage; painting and install bath for flats.
Owner—R. U. Evjenth, 741 Oak St., San Francisco.
Architect—None. $1000

ALTERATIONS
(3259) NO. 1107-09 MARKET. Construct new store front.
Owner—Brodek & Baer, 1163 Market St., San Francisco.
Architect—None $1000

DWELLINGS
(3260) N NAYLOR 30 and 50 W Prague Two one-story and basement frame dwellings.
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., San Francisco. $5000 each

DWELLINGS
(3261) E WINDING WAY 166 N Naylor NW EDINBURGH & GENEVA. Two one-story and basement frame dweellings.
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., San Francisco. $4800 each

DWELLINGS
(3262) E WINDING WAY 132 N Naylor N GENEVA 25 W Edinburgh.
W MOSCOW 120 S Geary.
W MOSCOW 95 and 45 S Amazon. Five one-story and basement frame dwellings
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor—A. M. Samuelson, 290 Rolph St., San Francisco. $3800 each

COTTAGES
(3263) W FORTY-FIRST AVE 250 S Anza S 75 W 93 m or l N 77 m or l E 74 m or l. All work except grading for three frame cottages.
Owner—George K. and Rae Herzog, 146 20th Ave., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed Aug. 24, '23. Dated Aug. 16, '23
Frames up $3490
Brown coated 3490
Completed and accepted..... 3490
Usual 35 days..... 3490
TOTAL COST, $13,960
Bond, none. Limit, 90 days. Forfeit, plans and specifications filed.

RESIDENCE
(3264) N JACKSON 275 W Steiner W 50xN 127-8¼. All work for two-story and basement and attic frame residence.
Owner—D. Lyle Ghirardelli, 2741 Vallejo St., San Francisco.
Architect—Albert Farr, Foxcroft Bldg., San Francisco.
Contractor—Moore & Madsen, 77 O'Farrell St., San Francisco.
Filed Aug. 24, '23. Dated Aug. 22, '23.
On 15th and 30th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $39,128
Bond, $19,564. Surety, New Amsterdam Casualty Co. Limit, 120 days. Forfeit, $15. Plans and specifications filed.

RESIDENCE
(3265) S TWENTY-FOURTH 150-10 W Diamond W 25-10xS 114. All work except electric fixtures, window shades, wall paper and finish hardware for one-story and basement frame residence.
Owner—Arthur Sordelli, 4188 24th St., San Francisco.
Architect—None.
Contractor—James F. McCarthy, 430 Eureka St., San Francisco.
Filed Aug. 24, '23. Dated Aug. 22, '23.
Frame up $1525
Brown coated 1525
Completed 1525
Usual 35 days..... 1525
TOTAL COST, $6100
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

BRICK BLDG.
(3266) SE DIVISADERO AND CLAY — 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Lathing & plastering for one-story, mezzanine and basement brick building.
Owner—Sixth Church of Christ Scientist, Clay and Divisadero Sts., S. F.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—MacGruer & Simpson, 266 Tehama St., San Francisco.
Filed Aug. 24, '23. Dated Aug. 8, '23.
Brown coated $749.25
Completed and accepted..... 749.25
Usual 35 days..... 499.50
TOTAL COST, $1998.00
Bond, $999. Surety, Hartford Accident & Indemnity Co. Limit, 20 days after notified. Forfeit, $30. Plans and specifications filed.

(3267) MILL WORK ON ABOVE.
Contractor — J. H. Kruse, 23rd and Shotwell Sts., San Francisco.
Filed Aug. 24, '23. Dated July 12, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3675
Bond, $1838. Sureties, O. C. Christensen and A. Giger. Limit, as fast as required. Forfeit, $30. Plans and specifications filed.

OFFICE BLDG.
(3268) E MARKET AND BEALE NE 137-6xSE 138-2. Erection and painting of structural steel, setting boilers, tank and mechanical equipment for office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—J. G. Williams Constr. Co. Clunie Bldg., San Francisco.
Filed Aug. 24, '23. Dated Aug. 18, '23
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST—For unloading, hauling and sorting, erection and painting structural steel, $17.45 per ton; setting tanks, boilers, etc., $15 per hr.
Bond, $27,050. Surety, The Aetna Casualty & Surety Co. Limit, 70 days after beginning. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(3269) N CHESTNUT 219-9 W Van Ness Ave. Two-story and basement frame (2) flats.
Owner—Anna L. Cole, 1234 Filbert St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco
Contractor—Meyer Bros., 5324 Geary St., San Francisco. $10,000

FRAME FLATS
(3270) W TWENTY-SIXTH AVE 268 N Clement. Two-story and basement frame (2) flats.

Owner—G. E. Watson, 280 17th Ave., San Francisco.
Architect—None. $6000

DWELLINGS
(3271) W TWENTY-SECOND AVE 235 262, 288 and 314 S Irving. Four one-story and basement frame dwellings.
Owner—C. A. Hall, 1301 4th Ave., San Francisco.
Architect—None. $3000 each

FRAME FLATS
(3272) S FIFTEENTH 200 E Castro, two-story and basement frame (2) flats.
Owner—Mr. and Mrs. Bergstrom, —— McAllister St., San Francisco.
Architect—Chas F. Strothoff, 2274 15th St., San Francisco.
Contractor—Manguson & Peterson, 208 Noe St., San Francisco. $6000

APARTMENTS
(3273) S PAGE 156-3 E Shrader. Two story and basement frame (4) apartments.
Owner—Thos. Quistad & John Robertson, 1649 Webster St., S. F.
Architect—None. $9000

FRAME FLATS
(3274) E SIXTEENTH AVE 175 N Fulton. Two-story and basement frame (2) flats.
Owner—E. Erickson and Chas. P. Boyson, 974 Plymouth Ave., S. F.
Architect—None. $7000

DWELLING
(3275) SW GUTTENBURG AND HANover. One-story and basement frame dwelling.
Owner—W. R. McKnight, 852 Moultrie St., San Francisco.
Architect—None . $3000

DWELLING
(3276) E ASHTON AVE 250 N Grafton. One-story and basement frame dwelling.
Owner—C. Olson, 146 Ashton Ave., San Francisco.
Architect—None. $2000

BUILDING
(3277) W LAGUNA 127-8¼ N Jackson N 33xW 96. All work for one-story frame building.
Owner—Joseph E Elsie E., S. and Ray Levin, 1865 Sacramento St., San Francisco.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Contractor—K. E. Parker Co., Clunie Bldg., San Francisco.
Filtd Aug. 25, '23. Dated July 9, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4457
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filtd.

APARTMENTS
(3278) N O'FARRELL 55 W Hyde W 27-6xN 85. All work for four-story concrete Class C apartment and store building.
Owner—Charles Vignie, 120 Ellis St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—Mattock & Feasey, 251 Kearny St., San Francisco.
Filed Aug. 25, '23. Dated Aug. 25, '23.
Concrete at 2nd floor level...$5193.50
Concrete at 4th floor level... 5193.60
Concrete at roof..... 5193.60
Interior plastered 5192.60
Building completed 5193.60
Usual 35 days..... $656.00
TOTAL COST, $34,624.00
Bond, $17,312. Sureties, Clemence B. Feasey and Louis Figeac. Limit, 130 days after Sept. 1, 1923. Forfeit, none. Plans and specifications filed.

BOILER BLDG.
(3279) BEG 500 N 85° 40' E from Int. SE Humboldt and Georgia N 4° 29' W 120 N 85° 40' E 90 S 4° 20' E 120 S 45° 40' W 90. All work for structural steel boiler building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor — Pacific Structural Iron Works, 370 10th St., San Francisco
Filed Aug. 25, '23. Dated Aug. 20, '23.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $5289
Bond, $2645. Surety, Hartford Accident & Indemnity Co. Limit, 45 days. Forfeit, none. Plans and specifications filed.

FLATS
(3280) E FIFTH AVE 175 N Clement. Stucco fronts for (2) flats.
Owner—E. A. Herrguth, 4328 Geary St., San Francisco.
Architect—None.
Contractor—A. W. Waxman, 646 34th Ave., San Francisco. $1200

ALTERATIONS
(3281) NO. 1661 SACRAMENTO ST. Remodel two-story residence for one 2-room and 3 3-room apartments.
Owner—H. M. Payne and wife, 1020 Hyde St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $2000

ADDITION
(3282) NO. 431 TWENTY-THIRD AVE. Two-room and bath addition to dwelling.
Owner—Mr. Haley, 431 23rd Ave., S. F.
Architect—None.
Contractor—W. C. Boswall, 2764 McAllister St., S. F. $3300

ALTERATIONS
(3283) NW POWELL & O'FARRELL Sts. Sub-divide room with metal stud and plaster partitions forming new stores.
Owner—General Cigar Co., 3rd and Brannan Sts., San Francisco.
Architect—None.
Contractor—Mullen Mfg. Co., 60-80 Rausch St., San Francisco. $2000

ALTERATIONS
(3284) NO. 1919 DIVISADERO. Remodel two-story and basement dwelling for stores
Owner—M. Warren, 2915 California St., San Francisco.
Architect—None.
Contractor—Ehlers & Smith, 557 Mission St., San Francisco. $1900

DWELLING
(3285) S CABRILLO 95 E Forty-third Ave. One-story and basement frame dwelling.
Owner—A. P. Konkel, 2751 16th St., San Francisco.
Architect—None. $4500

DWELLING
(3286) N TARAVAL 82-6 W Twentieth Ave. One-story and basement frame dwelling.
Owner—Otto A. Roldie, 88 Elgin Park, San Francisco.
Architect—None.
Contractor—J. W. Gillogley, 745 San Jose Ave., San Francisco. $5000

WAREHOUSE
(3287) N HARRISON 75 W FIFTH. One-story and mezzanine floor concrete warehouse.
Owner—Bothin Real Estate Co., Atlas Bldg., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor — Buschke & Brown, 185 Stevenson St., San Francisco. $7000

FRAME SHOP
(3288) S SOUTH PARK 67 E Third. Two-story frame shop
Owner—George Wagner, 251 Kearny St., San Francisco.
Architect—None. $3000

ADDITION
(3289) NW CLEMENT & ELEVENTH Ave. Two-room addition to flats.
Owner—J. Bordegery, 1002 Clement St., San Francisco.
Architect—P. Schwerdt, 2920 Jackson St., San Francisco. $1400

ADDITION
(3290) NO. 1376 SAN BRUNO AVE. Two-room addition to dwelling.
Owner—Jos. Petroni, Premises.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., San Francisco. $1400

STORES, ETC.
(3291) S MISSION 250 W Seventh St. Two-story and basement Class C concrete store and loft.
Owner—The Lurie Co., 315 Montgomery St., San Francisco.
Architect — O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor Yukicevich & Bagge, 180 Jessie St., S. F. $23,200

ALTERATIONS
(3292) NO. 42 GRANADA AVE. Raise dwelling; set on new foundation; remodel front and repairs for two attic rooms.
Owner—A. S. Carr, Premises.
Architect—None.
Contractor—Johnson & Erleson, 1141 Divisadero St., S. F. $1200

STORES
(3293) SW SEVENTEENTH AND VALencia Sts. One-story reinforced concrete garage and (2) stores.
Owner—Mrsy L. Phelan, 607 Phelan Bldg., San Francisco
Architect—Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor—J. E. Scully, Phelan Bldg., San Francisco. $70,000

APARTMENTS
(3294) E VAN NESS AVE 163-3½ N Broadway. Three-story and basement frame (3) apartments.
Owner—F. C. Keck, Mason and Market Sts., San Francisco.
Architect—Grace Jewett and Wm. Gunnison, Associated, 57 Post St., San Francisco. $18,000

ALTERATIONS
(3295) NO. 820 BAY. Remove old and replace with T. & G. roof; minor alterations for flats.
Owner—Giuseppe Santini, Premises.
Architect—None.
Contractor — G. Ferroni & Sons, 1926 Filbert St., San Francisco. $2900

BANK
(3296) NW BATTERY AND SACRAmento W 275xN 119-6. Celesetilite lighting fixtures for seven-story Class A bank building.
Owner—Federal Reserve Bank.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Thomas Day Co., 725 Mission St., San Francisco.
Filed Aug. 27, '23. Dated Aug. 22, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4360
Bond, $2430. Surety, United States Fidelity & Guaranty Co. Limit, Oct. 31, 1923. Forfeit, none. Plans and specifications filed.

(3297) ELECTRIC LIGHTING FIXtures on above.
Contractor—Thomas Day Co., 725 Mission St., San Francisco.
Filed Aug. 27, '23. Dated Aug. 22, '23.
Payments same as above.....
TOTAL COST, $3603.60
Bond, $1802 Surety, United States Fidelity & Guaranty Co. Limit, 18 mo. Forfeit, none. Plans and specifications filed.

(3298) STRUCTURAL STEEL FOR new sloping roof on above.
Contractor—Western Iron Works, 141 Beale St., San Francisco.
Filed Aug. 27, '23. Dated Aug. 27, '23.
Payments same as above.....
TOTAL COST, $2630
Bond, $1315 Surety, Fidelity & Deposit Co. of Maryland. Limit, 35 days. Forfeit, none. Plans and specifications filed.

(3299) MEDART STEEL LOCKERS on above.
Contractor—Fred Medart Mfg. Co., Rialto Bldg., San Francisco
Filed Aug. 27, '23. Dated Aug. 21, '23.
Payments same as above.....
TOTAL COST, $3572.51
Bond, $1786.51. Surety, American Surety Co Limit, Oct. 31, 1923. Forfeit, none. Plans and specifications filed.

(3300) TWO DEEP WELLS on above.
Contractor—J. B. Rogers, 110 Sutter St., San Francisco.
Filed Aug. 27, '23. Dated Aug. 27, '23.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $3100
Bond, $1550. Surety, Fidelity & Deposit Co. of Maryland. Limit, 6 weeks. Forfeit, plans and specifications, none.

RESIDENCES
(3301) E TWENTY-EIGHTH AVE 50 S Anza S 75xE 75 O L 310. All work for three two-story frame residences.

Owner—Herbert Meyer, 5326 Geary St., San Francisco.
Architect H C Baumann, 251 Kearny St., San Francisco.
Contractor Meyer Bros., 5324 Geary St., San Francisco.
Filed Aug. 27, '23. Dated Aug. 21, '23.
Frame up $4500
Brown coated 4500
Completed 4500
Usual 35 days 4500
TOTAL COST, $18,000
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

RESIDENCE
(3302) SW LAKE AND McLAREN Ave. Two-story and basement frame residence.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. $15,000

FRAME FLATS
(3303) W BAKER 50 AND 75 S Greenwich. Two two-story and basement frame (2 in each) flats.
Owner — W. W. Rednall, 2500 Filbert St., San Francisco.
Plans by Owner. $11,000 each

DWELLING
(3304) E FORTY-FIFTH AVE 120 N Anza. One-story and basement frame dwelling.
Owner—A. G. Bennett, 640 Post St., San Francisco.
Architect—None. $4000

STORE
(3305) SW MISSION & SYCAMORE. One-story brick store.
Owner—J. E. Berry, % Architect.
Architect—D. C. Coleman, 1141 Market St, San Francisco. $4500

DWELLING
(3306) NO. 2726 McALLISTER. One-story and basement frame dwlg.
Owner—Lean Larisson, 228 Willard St., San Francisco.
Architect—None. $4000

FRAME FLATS
(3307) N UNION 57-6 E Mason. Two-story and basement frame (2) flats.
Owner—N Ferrogiaro, 847 Union St., San Francisco.
Architect—J. Devencenzi, 1082 Union St., San Francisco. $5000

DWELLING
(3308) W TIFFANY AVE 425 S Duncan. One-story and basement frame dwelling.
Owner—Wm. A. Newsom, % Bank of Italy, San Francisco.
Architect—A. G. Rizzoli, 25th and Folsom Sts., San Francisco. $3500

FRAME FLATS
(3309) SE OCTAVIA AND FILBERT. Two-story and basement frame (2) flats.
Owner—F. Rossi, 1799 Filbert St., San Francisco.
Architect—None. $7000

ALTERATIONS
(3310) NO. 27 SCOTT ST. All work except plumbing, painting, shades and light fixtures for alterations and additions to building.
Owner—Mrs. Clara Harder, 27 Scott St., San Francisco.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.
Contractor—H. J. Hansen, 302 Kearny St., San Francisco.
Filed Aug. 28, '23. Dated Aug. 28, '23.
Bedroom and alterations brown coated $500
Completed and accepted..... 575
Usual 35 days..... 360
TOTAL COST, $1435
Bond, $1200. Sureties, Walter E Hansen and G. Orri. Limit, 30 days. Forfeit, none. Plans and specifications filed.

ELECTRICAL WORK, ETC.
(3311) N BUSH 91-8 W Mason. Electrical installation for six-story and basement concrete apartment bldg.
Owner—Joseph J. Angeli, 969 Bush St., San Francisco.
Architect—C. H. Barrett, Washington Hotel, San Francisco.
Contractor—B. L. Zelinsky Gas Crown Electric Co.), 153 Eddy St., S. F.
Filed Aug. 28, '23. Dated Aug. 28, '23.
As work progresses..... ... 75%
Usual 35 days..... 25%
TOTAL COST, $3750
Bond, $3000. Sureties, Louis Rock & Herbert C. Stewart. Limit, 30 days. Forfeit, plans and specifications, none.

ALTERATIONS
(3312) W THIRD 50 N Stevenson. Remove old and replace with new sidewalk lights; concrete arches & sidewalk.
Owner—City Investment Co., 1st Natl. Bank Bldg., San Francisco.
Architect—None.
Contractor—P. M. Jackson & Co., 415 Byron St., S. F. $1000

DWELLINGS
(3313) E WAWONA 140 S Ulloa; W FORESTSIDE 120 and 150 N Vicente, 3 2-story and basement frame dwellings.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $5000 each

DWELLING
(3314) E FORESTSIDE 220 S Ulloa. 1-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $4000

GARAGE
(3315) NO. 125 LEXINGTON AVE. 1-story frame private garage.
Owner—Martha Diebel, 125 Lexington Ave., San Francisco.
Architect—None.
Contractor—Adam Arras Co., 185 Stevenson St., S. F. $1500

DWELLINGS
(3316) W OTSEGO 25 50 75 100 125 N San Juan. 5 1-story and basement frame dwellings.
Owner—Walter E. Hansen, 1919 San Juan Ave., San Francisco.
Architect—None. $3000 each

DWELLING
(3317) E ASHTON AVE. 128-9 S Ocean Ave. 1-story and basement frame dwelling.
Owner—Frank J. Sheedy, 240 Lobos St. San Francisco.
Architect—None. $3000

STORE
(3318) S WILDE AVE. 490 E. Rutland. 1-story frame store.
Owner—Frank Guttner, 26 Rutland St., San Francisco.
Architect—R. C. Sobie, Burlingame. $1600

RESIDENCE
(3319) N SANTA MONICA 104 E Santa Clara Ave. 1-story and basement frame residence.
Owner—H. C. and W. J. Mangels, 4792 Mission St., San Francisco.
Architect—None.
Contractor—Mangels Bros., 4792 Mission St., S. F. $7000

DWELLING
(3320) S DORANTES 150 E Cortez. 1-story and basement frame dwlg.
Owner—A. D. Dorr, 650 9th Ave., S. F.
Architect—None. $3000

FLATS
(3321) W SEVENTEENTH AVE. 71 S Irving. 2-story & basement frame (2) flats.
Owner—A. M. Selinger, 1601 Irving St., San Francisco.
Architect—None. $5000

FLATS
(3322) S FRANCISCO 100 125 150 175 E Octavia, 4 2-story and basement frame (2 in each) flats.
Owner—Sharboro, Detjen and Noonan, Chestnut and Octavia Sts., S. F.
Architect—None. $8000 ea.

DWELLING
(3323) NE ALLISON 175 SE Cross. 1-story and basement frame dwelling
Owner—Esther Ahearn, 1408 Polk St., San Francisco.
Architect—W. F. Lovell, 605 Waller St. San Francisco
Contractor—W. F. Lovell, 605 Waller St., San Francisco. $3000

DWELLING
(3324) W BAKER 106 E Francisco. 1-story and basement frame dwlg.
Owner—I Appleford
Architect—None.
Contractor—E. A Garin, 1982 Fulton St San Francisco. $6971

FLATS
(3325) S BAY 87-6 W Gough. 2-story and basement frame (2) flats.
Owner—R. E. Callahan, 1151 Pacific St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—John Eldrup, 3723 Market St., San Francisco. $12,000

DWELLING
(3326) S FLOOD AVE. 125 E Foerster. 1-story and basement frame dwlg.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—Backman Bros., 537 Chenery St., San Francisco. $2000

DWELLING
(3327) NE SHAFTER 75 NW Keith. 1-story and basement frame dwlg.
Owner—O. V Johanson, 167 Vicksburg St., San Francisco.
Architect—None.
Contractor—S. R. Anderson, 4002 22nd St., San Francisco. $5550

DWELLING
(3328) W FOURTEENTH AVE. 206-2 S Irving. 1-story and basement frame dwelling.
Owner—Carrie E. Bridge, 110 Bridge, 110 Sutter St., San Francisco.
Architect—None. $4000

GALV. IRON
(3329) NO. 530 BROADWAY ST. Erect galvanized iron marquise with steel frame and chains.
Owner—Cabiria Cafe, 530 Broadway, San Francisco.
Architect—None.
Contractor—J. A. Korell & Co., 39-41 Isis St., San Francisco. $1000

ALTERATIONS
(3330) NO. 1772 FILBERT. Remodel rear of store for living rooms.
Owner—T Venturi, 1774 Filbert St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco. $1500

FACTORY
(3331) N BRYANT — E EIGHTH. Lay 3-inch concrete floor in candy factory.
Owner—Edwin M. Eddy, 525 Market St., San Francisco.
Architect—None.
Contractor—C. C. Sayre, 511 26th Ave., San Francisco. $1000

APARTMENTS, ETC.
(3332) W GRANT AVE. bet. Jackson and Pacific. Fireproof theatre, stores and (8) apartments.
Owner—Chin Lain, 723 Grant Ave., San Francisco.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco. $87,500

APARTMENTS
(3333) S PINE 172 W Powell. Four-story and basement reinforced concrete (16) apartments.
Owner—Margaret E. Bell, 825 Pine St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco. $80,000

FRAME BLDG.
(3334) LOT 17 BLK 6, Lakeview. All work for one-story frame building.
Owner—John Wakrom.
Architect—None.
Contractor—M. Coffer, 2356 California St., San Francisco.
Filed Aug. 29, '23. Dated Aug. 28, '23.
Roof on $1100
Plastering done 1100
Accepted 1100
Usual 35 days..... 1100
TOTAL COST, $4400
Bond, none. Limit, 90 days after Sept. 1, 1923. Forfeit, $10. Plans and specifications, none.

APARTMENTS
(3335) SE UNION AND STEINER E 93-9xS 25. All work for three-story frame apartment house.
Owner—Antone Zietich, 2190 Union St., San Francisco.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor—Louis J. Cohn, 110 Sutter St., San Francisco.
Filed Aug. 29, '23. Dated Aug. 21, '23.
On 1st of each month..... 25%
Usual 35 days..... 75%
TOTAL COST, $23,849
Bond, $11,925. Sureties, Geo. Cohn and Morris B. Cohn. Limit, 100 days. Forfeit $10. Plans and specifications filed.

FRAME FLATS
(3336) N CHESTNUT 219-9 W Van Ness Ave — 27-6xN 137-6. All work for two-story and basement frame (2) flats.
Owner—Anna L. Cole, 1234 Filbert St., San Francisco.
Architect — H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed Aug. 29, '23. Dated Aug. 17, '23.
Wall and roof sheathing on....$2845
Brown coated 2845
Completed and accepted..... 2845
Usual 35 days..... 2845
TOTAL COST, $11,380
Bond, $5690. Surety, Theodore G. Meyer Limit, 100 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount

Aug. 23, 1923—S DUBOCE AVE 192 E Valencia S 160 E 67-4 N 15 E 0-8 N 50 E 0-8 N 95 W 67-4 The Melone Co to J G Leibert...Aug. 9, 1923
Aug. 23, 1923—S SUTTER 231 E Hyde E 44 m or l S 137-6 W 44 m or l W 137-6. Arthur J and Gertrude A Falvey to whom it may concern... .....August 21, 1923
Aug. 23, 1923—SW BALBOA AND Eighteenth Ave S 50xW 95. Richard J O'Brien to Kiernan & O'Brien .....August 22, 1923
Aug. 23, 1923—LOT 17 BLK 21, Amended Map Ingleside Terrace. Leander E and Laura M Bennett to A T Morris.....Aug. 22, 1923
Aug. 23, 1923—W THIRTY-THIRD Ave 253 N Fulton N 32xW 120. S F Johnson to whom it may concern.. .....August 23, 1923
Aug. 23, 1923—NE CLAY & KEARNY Peter and Thomas McDonough to Braas & Kuhn Co.....Aug. 17, 1923
Aug. 23, 1923—SE BAKER AND POST S 85xE 40-6. M J and E V Rocca to Meyer Bros.....Aug. 23, 1923
Aug. 24, 1923—W TWENTY-FOURTH Ave 275 N Geary No. 451 24th Ave. P J Ware to Antonio Cuneo..... .....August 24, 1923
Aug. 24, 1923—SW FIFTH 240-7½ SE Harrison No. 450 5th St. Max W Mindner to Charles F Schuetz Co.....Aug. 20, 1923
Aug. 24, 1923—N SUTTER 104 W Webster 24x75. B Ghedalovitz to O E Carlson.....Aug. 24, 1923
Aug. 24, 1923—W MISSION 50 E Norton W 100 S 50 E 100 N to beg. Joseph W and Bernadine Scheid to Mager Brothers.....Aug. 24, 1923
Aug. 24, 1923—E FORTY-SECOND Ave 50 and 75 S Anza S 25xE 82-6. John Wisnon to whom it may concern.....Aug. 24, 1923
Aug. 24, 1923—N HEARST AVE 120 W Foerster W 30xN 100 Ptn Lots 38 and 41 Blk 11, Sunnyside; N Hearst Ave 90 W Foerster W 30xN 100 Ptn Lots 41, 42, 43, 44 and 45 Blk 11, Sunnyside. Moneta Investment Co to James Arnott & Son..Aug. 22, 1923
Aug. 25, 1923—SW THIRD & PERRY S 55xW 75. E A Lobree and L A Kutner to Finn Anderson, W E Trousdale and C B Sovig.Aug 27, 1923
Aug. 25, 1923—PLOT 1N GOLDEN Gate Park lying E of California Academy of Science Bldg. California Academy of Sciences to C J Hillard Co., Inc.....Aug 25, 1923
Aug. 25, 1923—N SANTA YNEZ AVE 160 and 135 E Otsego. H S Thomas to whom it may concern.Aug. 25, 1923
Aug. 25, 1923—SE MONTGOMERY & Washington, Montgomery Block Real Estate Associates to Arthur Rothrock and G W Roscoe..... .....August 23, 1923
Aug. 27, 1923—S HEARST AVE 280 and 310 W Forester W 30xS 112 6; S Hearst Ave 340 W Forester W 30 xS 11-2; S Hearst Ave 370 W Foerster W 30xS 112 Ptn Blk 12, Sunnyside. Moneta Invst Co to James Arnott & Son....Aug. 20, 1923
Aug. 27, 1923—N FOERSTER 50, 75, 100, 125 and 150 N Flood Ave N 25x W 100 Ptn Blk 12, Sunnyside. Moneta Invst Co to James Arnott & Son.....July 19, 1923
Aug. 27, 1923—NW HEARST AVE & Foerster N 25xW 90 Ptn Lot 42 Blk 11, Sunnyside. Moneta Invst Co to James Arnott & Son.....July 16, 1923
Aug. 27, 1923—SE LONDON 175 NE France Ave NE 25xSE 100 Ptn Lot 4 Blk 10, Excl Hd Assn. Patrick Horgan to whom it may concern.. .....August 27, 1923
Aug. 27, 1923—W 27TH AVE 100 E Clement W 120xN 25. Edw Ginley to whom it may concern..... .....August 27, 1923
Aug. 27, 1923—N ELLIS 137-6 and 162-6 W Pierce W 25xN 137-6. C O Clausen to whom it may concern.. .....August 27, 1923
Aug. 27, 1923—E KEARNY 22-6 N Post N 40x60. Edward V Pasquale to O C Holt.....Aug. 24, 1923
Aug. 27, 1923—NO. 491 DEWEY BLVD M W Fredrick to whom it may concern.....Aug. 26, 1923
Aug. 27, 1923—N WALLER 137-6 W Shrader W 27-6xN 85. Wm James to whom it may concern.Aug. 24, 1923
Aug. 27, 1923—NO. 3870 JACKSON. Dr. Jos Fife to whom it may concern.....Completed —
Aug. 27, 1923—NW PACIFIC AVE and Steiner W 34-4½xN 127-8¼. Josephine C and St. John E McCormick to Chas Stockholm & Son .....August 24, 1923
Aug. 27, 1923—NW FOURTEENTH Ave and Cabrillo 25 on 14th Ave by 102-6. Otto A Jungblut to August Magnuson and Adrian Peterson... .....August 25, 1923
Aug. 27, 1923—E KEITH AVE 33-4 S Fitzgerald Ave 33-4x75. Bert C Tognotti to H Seison ..Aug. 27, 1923
Aug. 28, 1923—E OCTAVIA 150, 200, 175 and 225 N Chestnut N 25xE 100. R E Sbarbora, H L Detjen and John F Noonan to A M Hardy..... .....August 20, 1923
Aug. 28, 1923—SW EIGHTH AVE & California 50x70. Karl H Holmgren to whom it may concern.... .....August 28, 1923
Aug. 28, 1923—SW VALENCIA AND Twenty-third. Mabel and Thomas Twohig to whom it may concern.. .....August 28, 1923
Aug. 28, 1923—E PARIS 50 NE Excelsior Ave 25x100 Ptn Lot 3 Blk 17, Excl Hd Assn. Hugo Wagenknecht to whom it may concern... .....August 23, 1923
Aug. 28, 1923—E PARIS 75 NE Excelsior Ave 25x100 Ptn Lot 3 Blk 17, Excl. Hd. Assn. Hugo Wagenknecht to whom it may concern.. .....August 23, 1923
Aug. 28, 1923—NW BRYANT 215 SW Second SW 25-4xNW 80. Carl Jorgensen to whom it may concern .....August 27, 1923
Aug. 28, 1923—SW SUTTER AND Hyde W 76xS 60. James Welsh to whom it may concern..Aug. 28, 1923
Francis Wood. H C and W J
Aug. 28, 1923—LOT 18 BLK 5, St. Mangels (as Mangels Bros.) to whom it may concern..Aug. 28, 1923
Aug. 28, 1923—NE NEY & CRAUT No. 101 Ney. Harry M and Henrietta Forrest to John R Morrison .....July 31, 1923
Aug. 29, 1923—NE ULLOA AND Twenty-second Ave N 33-4x120. Parkside Realty Co of S F. to whom it may concern..Aug. 28, 1923
Aug. 29, 1923—E TWENTY-SECond Ave 33-4, 66-8 and 100 N Ulloa N 33-4x120. Parkside Realty Co of S. F. to whom it may concern... .....August 28, 1923
Aug. 29, 1923—E NINTH AVE 150 N California N 25x120. Rachel Cafiero to whom it may concern.Aug. 28, '23
Aug. 29, 1923—S FILBERT 50 W Gough W 50xS 62-6. Charles J U Koenig to whom it may concern.. .....August 29, 1923
Aug 29, 1923—NE EDDY & BOURBIN E 28xN 100. Joseph L and Anita R Gould to whom it may concern.. .....August 28, 1923
Aug. 29, 1923—W VALENCIA 120 N Seventeenth N 30xW 88. Jacob Weissbein to Meyer Bros..... .....August 27, 1923
Aug. 29, 1923—LOT 1 AND LOT 16, McLaughlin Sub. W R Voorhies to whom it may concern..Aug. 29, 1923
Aug. 29, 1923—E NINTH AVE 75 and 50 N Judah N 25xE 95. J C Gibson to whom it may concern.....—
Aug. 29, 1923—W JONES 60 N Pacific N 20xW 68-6. Hyman Rose to whom it may concern.....—
Aug. 29, 1923—NW TWENTY-THIRD and Capp 30x90. J H Verner to whom it may concern..Aug. 29, 1923
Aug. 29, 1923—NO. 248 TENTH AVE bet. California and Clement. Julius and Lilian Lindner to Ira W Coburn.....Aug. 23, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Aug. 23, 1923—W SAN JOSE AVE 28-3 N Elizabeth 25x91-10. The Greater City Lumber Co vs Louis P and Helen Koenig and Carl Strew $164.90
Aug. 23, 1923—S BUSH 186 W Steiner W 36-6xS 137-6. Atlas Heating & Ventilating Co vs George A Williams and Annie and Gus Berndt.. .....$742.50
Aug. 24, 1923J—SE GREEN & TAYlor E 137-6xS 137-6. Monson Bros vs Henry C Smith.....$45,689.83
Aug. 24, 1923—COM. 108 S Caselli Ave and 703 W Douglas W 25xS 92, $240; Com. 108 S Caselli Ave and 678 W Douglas W 25xS 92, $240; Com 108 S Caselli Ave and 653 W Douglas W 25xS 92, $240; Com. 108 S Caselli Av & 628 W Douglas W 25xS 92, $240; Com. 108 S Caselli Ave and 603 W Douglas W 25xS 92, $240; Com. S Caselli Ave and 578 W Douglas W 25xS 92, $80 (6 liens). Monihan & Slavin vs J C & Florence E Gibson
Aug. 25, 1923—S BUSH 186 W Steiner W 36-6xS 137-6. John Jensen vs Gus Berndt and Geo A Williams..$90
Aug. 25, 1923—E FUNSTON AVE 125 S California No. 222-224 Funston Ave. G W Urban vs Mrs Etta B Dickenson $539.17
Aug. 25, 1923—E CHERRY 119-6¼ N Washington N 40xE 117-9. Frank Neubert vs Helen S Levy and A L Stone $500
Aug. 27, 1923—W TWENTY-THIRD Ave 175 N Ulloa N 50xW 120. Golden Gate Building Materials Co vs Arvid Halsen, John Scohlom and W P King & Co.....$197.80
Aug. 28, 1923—S BUSH 186 W Steiner W 36-6xS 137-6. The Roman Paint Co vs Gus and Annie Berndt.$392.96
Aug. 29, 1923—SE GREEN & TAYlor E 137-6xS 137-6. Atlas Mortar Co vs Wagner & Donnelly and Henry C and Lillian T Smith.$1205.60

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Aug 23, 1923—E TWENTY-SEVENTH Ave 132-6 S Balboa S 25xE 100. Leonard Lumber Co to J M Johnson $328.19
Aug. 28, 1923—NO. 234 NEY ST. Jas L Blasingame to Mrs. R G McCready .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Aug. 24, 1923—W LARKIN bet. Ellis and Eddy No 645 Larkin. D A Alberti as to improvements on property.....
Aug. 25, 1923—NE GEARY AND Stockton N 23-6 E 70 N 36-6 E 22-6 S 60 W 92-6. Kernan Robson et al as to improvements on property..
Aug. 27, 1923—S MARKET AND Seventh SW 75xSE 140. The Odd Fellows Hall Ass'n as to improvements on property.....
Aug. 29, 1923—SE MARKET 78 NE Sixth NE 98-6xSE 170. Lesser Realty & Invst Co as to improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt
3904	Gripe	Owner	1000
3905	Rose	McKie	5000
3906	Good	Patton	2000
3907	Sheeley	Owner	3950
3908	Jonnson	Knight	6000
3909	Van Ness	Owner	2800
3910	Brown	Owner	6000
3911	Reeves	Owner	4000
3912	Sprague	Owner	3000
3913	Smith	Owner	4000
3914	Holst	Neegard	2000
3915	Graham	Grimes	4500
3916	Chambers	Owner	1500
3917	Miller	Owner	1000
3918	Alameda	Owner	5500
3919	Hakkiner	Niska	2000
3920	Welch	Sherwood	5800
3921	Pollard	Owner	4500
3922	Attermatt	Owner	3750
3923	Vucovich	Marshall	1000
3924	White	Webb	6000
3925	Brooks	Owner	2400
3926	Beauchamp	Sowles	4500
3927	Colton	Owner	3200
3923	Fenn	Johnson	1000
3929	Hiras	Owner	1400
3930	Marquis	Owner	5500
3931	Davis	Norris	5000
3932	Dickerson	Owner	5000
3933	Pallozzo	Boeddeker	3400
3934	Cole	Waddell	3000
3935	Merlino	Hamilton	20000
3936	Jordan	Casha	5400
3937	Fraser	Knight	14000
3938	Hildebrandt	Owner	4500
3939	Jordan	Casha	4000
3940	Fraser	Knight	14000
3941	Gustafson	Owner	2500
3942	Kraph	Munroe	5000
3943	Fox	Fox	2600
3944	Parker	Owner	6000
3945	Bredehoft	Owner	10000
3946	Neary	Peters	3500
3947	State	Sutton	5950
3948	Crow	Johnson	3000
3949	Prince	Owner	5000
3950	Crossetti	Skoggs	1200
3951	Goranson	Owner	7000
3952	Johnson	Owner	3900
3953	Cardoza	Anderson	2000
3954	Smith	Owner	7000
3955	Mighetto	Cord	3800
3956	Paticio	Owner	1500
3957	Hansen	Owner	2200
3958	Vezzi	Peters	3850
3959	Harrison	Peters	2500
3960	Parker	Hartley	1800
3961	Gonsalves	Owner	1500
3962	Bayard	Vaughn	4500
3963	Suomer	Diggs	12000
3964	Feige	Field	3233
3965	P G & E	Dalziel	1667
3966	Russell	Flittner	7775
3967	Larsen	Owner	5300
3968	Noble	Owner	4000
3969	Heesman	Westland	40000
3970	Board	Hooper	34000
3971	Berkeley	Owner	5000
3972	Granden	Owner	2000
3973	Andersan	Andersan	2400
3984	Turner	Owner	3000
3975	Carana	Valente	5400
3976	Triberti	Caretto	3200
3977	Independent	Healy	1600
3978	Forbes	Barrett	10000
2979	Payne	Owner	4500
3980	Belway	Awner	2000
3981	Boehmer	Owner	5000
3982	Taylor	Stewart	1000
3983	Clean	Rose	1500
3984	Pierotti	Perona	5000
3985	Page	Owner	9000
3986	Thompson	Owner	15000
3987	Hollested	Owner	3800
3988	Lucier	Ahnfeld	3500
3989	Moore	Owner	25000
3990	Forsell	Owner	3500
3991	Beck	Griffith	1200
3992	Emmett	Bolger	3500
3993	Frazio	Owner	3500
3994	Harrison	Owner	3000
3995	Crudup	Reed	6000
3996	Champreux	Maurere	4000
3997	Hofschmidt	Owner	18750
3998	Gilchrist	Owner	2000
3999	Granberg	Cohnen	1600
4000	Dowling	Dowling	4000
4001	Robinson	Anderson	6000
4002	Sochs	Owner	3600
4003	Fowler	Sharp	3000
4004	Sprague	Owner	3000
4005	Ffrang	Owner	4500
4006	Warner	Owner	2000
4007	Palatto	Norris	8000
4008	Hamburger	Williams	1600
4009	Robinson	Anderson	5865

DWELLING
(3904) NO. 3215 IDAHO, Berkeley. One-story 5-room dwelling.
Owner—N. M. Gripe, 818 30th St., Berkeley.
Architect—None $1000

DWELLING
(3905) NO. 863 THE ALAMEDA, Berkeley. One and one-half-story 7-room dwelling.
Owner—A. Rose, 2147 Addison St., Bkly.
Architect—None.
Contractor—John McKie, 2131 Center St., Berkeley. $5000

DWELLING
(3906) NO. 2244 McKINLEY, Berkeley. One and one-half-story 6-room dwelling.
Owner—L. Good, 2446 Roosevelt St., Berkeley.
Architect—None.
Contractor—Patton & Kelso, 533 46th St., Oakland. $2000

DWELLING
(3907) NO. 1918 HOPKINS, Berkeley. One-story 5-room dwelling.
Owner—H. K. Scheeley, 9-A Virginia Court, Berkeley.
Architect—None. $3950

APARTMENTS
(3908) NO. 2450-52 PARKER, Berkeley One-story 8-room apartments.
Owner—Mary Jonsson.
Architect—None.
Contractor—Dildine & Knight, 378 63rd St., Oakland $6000

DWELLING
(3909) E BOSTON AVE 250 N Hopkins Oakland. 1-story 5-room dwelling.
Owner—Lester Van Ness, 3551 Wilson Ave., Oakland.
Architect—None. $2800

DWELLINGS
(3910) 1412 & 1442 E-THIRTY-SIXTH St., Oakland. 2 1-story 5-rm dwlgs.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000 each

DWELLINGS
(3911) 1426 & 1430 FIFTY-SIXTH AV. Oakland 2 1-story 4-room dwlgs.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2000 ea

DWELLING
(3912) E EIGHTY-SEVENTH AVE. 125 N Plymouth, Oakland. 1-story 6-room dwelling.
Owner—J. E. Sprague, 4818 Edgewood Oakland.
Architect—None. $3000

DWELLING
(3913) S SIXTY-THIRD STI 78 W Dover St., Oakland. 1-story 5-room dwelling.
Owner—G. Smith, 3345-A Grove St., Berkeley.
Architect—None. $4000

ADDITION
(3914) 5005 E-FOURTEENTH ST Oakland. Addition.
Owner—P. M. Holst, premises.
Architect—None.
Contractor—N. Neegard, 2615 High St., Oakland. $2000

Diamonds—

Every One Blue-White

This firm handles only brilliant, flashing blue-white stones—the finest obtainable.

Liberal terms extended to persons permanently established and with a good reputation for paying their bills.

The Albert C. Samuels Co. JEWELERS

33 Kearny 895 Market

DWELLING
(3915) S WOODRUFF AVE. 200 S Hopkins, Oakland. 1-story 5-room dwelling.
Owner—H. L. Graham.
Architect—None.
Contractor—R. G. Brimes, 355 12th St., Oakland. $4500

ALTERATION
(3916) 580 TWENTY-FOURTH ST., Oakland. Alter bldg. & erect 1-sto. tile garage.
Owner—J. F. Chambers, Plaza Bldg., Oakland.
Architect—None. $1500

ADDITION
(3917) 1807 ROSEDALE AVE., Oakland. Addition.
Owner—J. L. Miller, premises.
Architect—None. $1000

DWELLINGS
((3918) S MADELINE ST 50 E Maple Ave.
SE COR. MADELINE & LAUREL, Oakland. 2 1-story 5-room dwlgs.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None. $2750 each

DWELLING
(3919) NO. 1641 CURTIS, Berkeley. One-story 4-room dwelling.
Owner—Oscar Hakkiner.
Architect—None.
Contractor—Aaro Niska, 1139 Allston Way, Berkeley. $2000

DWELLING
(3920) NO. 1133 EUCLID AVE., Berkeley. One-story 6-room dwelling
Owner—Geo. Welch, 1045 High Court, Berkeley.
Architect—None.
Contractor—F. E. Sherwood, 937 Evelyn Ave., Berkeley. $5800

DWELLING
(3921) NO. 2527-29 DANA, Berkeley. One-story 8-room 2-family dwlg.
Owner—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—None. $4500

DWELLING
(3922) NO. 1036 SIERRA, Berkeley. One-story 6-room dwelling.
Owner—Attermatt Bros., 2429 Hilgard Ave., Berkeley.
Architect—None. $3750

SERVICE STATION
(3923) NE COR. FIFTY-SIXTH ST. & Telegraph Ave., Oakland. 1-story tile service station.
Owner—M. G. Vucovich, 5554 Telegraph Oakland.
Architect—None.
Contractor—Marshall & Burks, Bacon Bldg., Oakland. $1000

FLATS
(3924) SW COR. THIRTY-EIGHTH Ave. and E-14th St., Oakland. 2-story 6-room flats.
Owner—A. White, 1255 38th Ave., Oakland.
Architect—None.
Contractor—Webb & Whalin, 4663 Fair Ave., Oakland. $6000

DWELLINGS
(3925) W GARDEN ST. 300 N E-27th St., Oakland. 1-story 4-room dwlg.
Owner—W. L. Brooks, 1212 Grand Ave. Oakland.
Architect—None. $2400

FLATS
(3926) E HOWE 135 N 41st St., Oakland. 2-story 6-room flats.
Owner—W. P. Beauchamp, 4132A Howe St., Oakland.
Architect—None.
Contractor—A. J. Sowles, 4130 Howe St., Oakland. $4500

DWELLING
(3927) 1374 SIXTY-FOURTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Colton Bros., 3824 39th Ave., Oakland.
Architect—None. $3200

ALT. & ADDITION
(3928) 451 MOSS AVE., Oakland. Alt. and addition.
Owner—Mrs. M. E. Fenn.
Architect—None.
Contractor—J. H. Johnson, 2134 Calif. St., Berkeley. $1000

GREENHOUSE
(3929) 359 ONE HUNDRED FIFTH Av., Oakland. 2 1-sto. greenhouses
Owner—K. Hiras, premises.
Architect—None. $1400

DWELLINGS
(3930) 2174 FORTIETH AVE. & 1505 57th Ave., Oakland. 2 1-story 6-room dwellings.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2500 & $3000

DWELLING
(3931) SE COR. CALIFORNIA AND Laurel, Oakland. 1-story 6-room dwelling.
Owner—T. Davis.
Architect—None.
Contractor—R. Norris, 3166 Woodruff Ave., Oakland. $5000

DWELLING
(3932) W PERKINS 300 S Jayne, Oakland. 1-story 6-room dwelling.
Owner—O. W. Dickerson, 927 37th St., Oakland. $5000
Architect—None.

DWELLING
(3933) NE COR. YGNACIO & FORTY-sixth Ave., Oakland. 1-story 5-room dwelling.
Owner—A. Pallozzo, 2028 E-22nd St., Oakland.
Architect—None.
Contractor—Jos. Boeddeker, 1814 34th Ave., Oakland. $3400

DWELLING
(3934) 3027 TWENTY-THIRD AVE., Oakland. 1-story 5-room dwelling.
Owner—B. M. Cole, 3382 22nd Ave., Oakland.
Architect—None.
Contractor—R. P. Waddell, 313 Newton Ave., Oakland. $3000

APTS. & STORES
(3935) SW COR. THIRTY-EIGHTH & Grove Sts. 47½x66, Oakland. All work for 2-story brick apartments and stores.
Owner—Guiseppe Merlino, 9389 B St., Oakland.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—Murphy F. Hamilton, 825 Santa Fe, Albany.
Filed Aug. 24, 1923. Dated Aug. 23, 1923
Six months after completed and accepted contractor gets 100 per month with 6% interest.
TOTAL COST—Contractor gets 10%, not over $20,000.
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(3936) S MERA ST. 120 E 41st Ave., Oakland. All work for one-story dwelling and garage.
Owner—Edward Blanchard Jordan 1919 42nd Ave., Oakland.
Architect—J. Watson Olver.
Contractor—Theo. C. Casha, 1839 40th Ave., Oakland.
Filed Aug. 24, 1923. Dated Aug. 11,1923
Rafters on .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $5400
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(3937) 2700 PERALTA AVE., Oakland 2-story 7-room dwelling.
Owner—A. J. Hildebrandt, 1075 105th Ave., Oakland.
Architect—None. $4500

REPAIR SHOP
(3938) 5718 GROVE ST., Oakland. 1-story tile repair shop.
Owner—F. G. Hensen, premises.
Architect—None.
Contractor — C. C. Charleston, 2627 Genoa St., Oakland. $1050

DWELLING
(3939) S MERA 120 E 41st Ave., Oakland. 1-story 6-room dwelling.
Architect—None.
Contractor—Theo. C. Casha, 1839 40th Ave., Oakland. $4000

APARTMENTS
(3940) S FORTIETH ST. BETWEEN Grove & West Sts. 247-4x100 Oakland. All work for 2-story 12-room apartments and 4 garages.
Owner—Johanna M. Fraser, Rio Vista.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Aug. 25, 1923. Dated July 31, 1923
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $14,000
Bond, Sureties, Forfeit, None; Limit, 75 days after mud sills laid; Plans and specifications filed.

DWELLING
(3941) NO. 1406 HEARST AVE., Berkeley. One-story 5-room dwelling
Owner—P. Gustafson, 1211 Hearst Ave., Berkeley.
Architect—None. $2500

DWELLING
(3942) NO. 1381 ROSE ST., Berkeley. Two-story 6-room dwelling
Owner—M. Kraph.
Architect—None.
Contractor—J. W. Munroe, 5538 Claremont Ave., Oakland. $5000

DWELLING
(3943) NO. 1347 McGEE ST., Berkeley. One-story 5-room dwellings.
Owner—Geo. H. Fox, 1814 Hearst Ave., Berkeley.
Architect—None.
Contractor—Fox Bros., 1814 Hearst Av., Berkeley. $2600

DWELLING
(3944) NO. 820 CONTRA COSTA ST., Berkeley. Two-story 7-room dwlg
Owner—Brooks Parker, 2026 Del Norte St., Berkeley.
Architect—None. $6000

DWELLINGS
(3945) NO. 1314-1350-1354 CARLOTTA NO. 1725 ROSE ST., Berkeley. Four one-story 5-room dwellings.
Owner—Kay & Bredehoft, 1620 Hopkins St., Berkeley.
Architect—None. $2500 each

DWELLING
(3946) NO. 179 MOSS AVE., Oakland. One-story 5-room dwelling.
Owner—Wm. F. Neary, 527 17th St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $3500

SHEDS, ETC.
(3947) STATE RIFLE RANGE, Leona Heights, Oakland. Sheds and stables.
Owner—State of California.
Architect—None.
Contractor—J. B. Sutton, 3515 Lincoln Ave., Oakland. $5900

DWELLING
(3948) NO. 2816 MINNA AVE., Oakland. One-story 5-room dwlg.
Owner—Al Crow, 924 8th St., Oakland.
Architect—None.
Contractor—Johnson & Couture, 4100 Allendale Ave., Oakland. $3000

SHED
(3949) W TWENTY-NINTH AVE AND Railroad Ave., Oakland. One-story shed.
Owner — H. G. Prince Canning Co., Premises.
Architect—None. $5000

ALTERATIONS
(3950) NO. 680 FORTY-FIRST ST., Oakland. Alterations and additions
Owner—John Crossetti. Premises.
Architect—None.
Contractor—J. H. Skaggs 536 44th St., Oakland. $1200

DWELLING
(3951) NO. 1075 CLARENDON CRESCENT, Oakland. One-story 7-room dwelling.
Owner—H. Gorat son, 3476 Laguna Av., Oakland.
Architect—None. $7000

DWELLING
(3952) N E-THIRTIETH 150 E 16th Ave., Oakland. One-story 6-room dwelling.
Owner—John A. Johnson, 2266 E-17th St., Oakland.
Architect—None. $3900

DWELLING
(3953) NO. 1024 SIXTY-FIRST ST., Oakland. One-story 5-room dwlg.
Owner—J. V. Cardoza, 3700 Market St., Oakland.
Architect—None.
Contractor—A. A. Anderson, 2340 8th Ave., Oakland. $3000

DWELLING
(3954) NE HAVENSCOURT BLVD & Avenal, Oakland. Two-story 10-room dwelling.
Owner—V. N. Smith, 5034 E-14th St., Oakland.
Architect—None. $7000

DWELLING
(3955) NO. 937 FORTY-THIRD ST., Oakland. One-story 5-room dwlg.
Owner—L. D. Mighetto, Broadway and Kearny St., San Francisco.
Architect—None.
Contractor—J. A. McCord, 4517 Market St., Oakland. $3800

SHOP
(3956) S E-FOURTEENTH ST. 105 E 104th Ave., Oakland. 1-story shop.
Owner—F. Paticio, 1727 57th Ave., Oakland.
Architect—None. $1500

DWELLING
(3957) E RITCHIE 200 N Foothill Blvd., Oakland, 1-story 4-rm. dwlg.
Owner—Fred Hansen, 2514 Ritchie St. Oakland.
Architect—None. $2200

DWELLING
(3958) 4970 DESMOND ST., Oakland. 1-story 6-room dwelling.
Owner—Mike La Vezzi, premises.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St. Oakland. $3850

DWELLING
(3959) 4245 REDDING ST., Oakland. 1-story 4-room dwelling.
Owner—E. H. Harrison, 919 53rd St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St Oakland. $2500

DWELLING
(3960) S FLORA 100 W 67th Ave., Oakland. 1-story 5-room dwelling.
Owner—H. F. Parker, 1547 67th Ave., Oakland.
Architect—None.
Contractor—E. L. Hartley, Hayward. $1800

DWELLING
(3961) E CHAPMAN ST. 60 N Derby, Oakland. 1-story 5-room dwelling.
Owner—Frank Gonsalves, 3015 Chapman St., Oakland.
Architect—None. $1500

DWELLING
(3962) W RANDOLPH 200 N Hopkins Oakland. 1-story 5-room dwelling.
Owner—P. C. Baynard, 2623 Humboldt Ave., Oakland.
Architect—None.
Contractor—John Vaughn. $4500

DWELLING
(3963) W MERRITT 400 S Wesley, Oakland. 2-story 9-room dwelling.
Owner—F. P. Summer, Lenox Apts., Oakland.
Architect—M. I. Diggs, 1901 Telegraph Ave., Oakland. $12,000

ALTER & ADDITION
(3964) W HIGH ST. 50 N Carrington St., Oakland. Alter and add (1-sto. add. to dwelling).
Owner—E. K. and Jennie Feige,(prem.
Architect—None.
Contractor—Fred H. Field, 572 62nd St., Oakland.
Filed Aug. 27, 1923. Dated Aug. 16, 1923
Roof completed $800
Brown coated $00
Completed and accepted $00
Usual 35 days $33
TOTAL COST, $3233
Bond, Sureties, Forfeit, none; Limit, 50 days; Plans and specifications filed.

SHEET METAL WORK
(3965) BLOCK BOUND, BY HEARST Ave., McGee St, Berkeley Way and California St., Berkeley. Sheet metal work for add to sub-station.
Owner—P. G. & E. Co., 17th and Clay Oakland.
Architect—None
Contractor—Robert Dalziel.
Filed Aug. 27, 1923. Dated Aug. 21, 1923
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $1667

Bond, $835; Sureties, National Surety Co.; Forfeit, none; Limit, 30 days; Plans and Specifications filed.

DWELLING
(3966) PTN S ½ SOTO RANCHO near Russell City. All work for 1 story 5-room dwelling.
Owner—Frank E. & Johanna H. Behrman Russell.
Architect—None.
Contractor — Jos. Flittner, 1700 35th Ave., Oakland.
Filed Aug. 27, 1923. Dated Aug. 25, 1923
Frame up $1075
Brown coated 900
Completed and accepted 900
Usual 35 days 900
TOTAL COST, $3775
Bonds, Sureties, none; Forfeit, $5 day; Limit, 75 days; Plans and specifications filed.

RESIDENCE
(3967) 117 PALM DRIVE, Oakland. 1-story 6-room residence and garage
Owner—C. C. Larsen, 5340 Broadway, Oakland.
Plans by owner. $5300

RESIDENCE
(3968) 191 OAK ROAD, Alameda. 1-story 5-room dwelling.
Owner—G. H. Noble, 2205 Santa Clara, Alameda.
Architect—None. $4000

RESIDENCE
(3969) 70 SEA VIEW AVE., Oakland. 2-story 15-room residence and garage.
Owner—Chas. J. Heeseman, 506 15th St. Oakland.
Architect—Claude B. Barton, 364 State Ave., Oakland.
Contractor—Fred J. Westlund, 351 12th St., Oakland. $40,000

SCHOOL BLDG.
(3970) 301 WILDWOOD AVE., Oakland. School building.
Owner—Board of Education of Piedmont.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—M. E. Hopper & Son., 1117 Webster St., Oakland. $34,000

DWELLINGS
(3971) 819 & 823 PERALTA, Berkeley. 2 1-story 5-room dwellings.
Owner—Berkeley Building Co., Solano and Colusa, Berkeley.
Architect—None. $2500 each

ALTERATION
(3972) 1533 PRINCE ST., Berkeley. Alteration.
Owner—Ed. Grandin, premises.
Architect—None. $2000

DWELLING
(3973) 1375 HEARST AVE., Berkeley. 1-story 4-room dwelling.
Owner—Hanna Andersan, 1405 Spring Way, Berkeley.
Architect—None.
Contractor — H. A. Andersan, 1405 Spring Way, Berkeley. $2400

DWELLING
(3974) 1216 PARKER ST., Berkeley. 1-story 5-room dwelling.
Owner—L. B. Turner, 1308 Blake St., Berkeley.
Architect—None. $3000

DWELLING
(3975) NO. 5724 AYALA ST., Oakland One-story 6-room dwelling.
Owner—A. Carana.
Architect—None.
Contractor—M. E. Valente, 5215 Broadway, Oakland. $5400

DWELLING
(3976) NO. 987 FORTY-THIRD ST., Oakland. One-story 4-room dwlg.
Owner—G. Triberti.
Architect—None.
Contractor—C. Caretto, 2221 8th St., Berkeley. $3200

FOUNDATION
(3977) TWENTIETH AND PERALTA Sts., Oakland. Foundation.
Owner—Independent Paper Stock Co., Premises.
Architect—None.
Contractor—Healy-Tibbitts Constr. Co., 64 Pine St., Oakland. $1600

SUPPLY HOUSE
(3978) SE TENTH AND ALICE STS., Oakland. One-story concrete supply house.
Owner—The Forbes Supply Co., 5th & Howard Sts., San Francisco.
Architect—R. W. Jenkins, 918 Harrison St., San Francisco.
Contractor—Barrett & Hilp, 351 12th St., Oakland. $10,000

DWLG & STORE
(3979) N TRENOR ST. 200 S Seminary Ave., Oakland. 2-story 5-rm dwlg and store.
Owner—Loyde W. Payne, 1615 51st Ave Oakland.
Architect—None. $4500

DWELLING
(3980) 3954 THIRTY-FIFTH AVE., Oakland.
Owner—T. T. Belway, premises.
Architect—None. $2000

DWELLING
(3981) W WINSOR AVE. 400 N Lakeshore Ave., Oakland. 1½-story 5-room dwelling.
Owner—P. C. Boehmer, 725 54th St., Oakland.
Architect—A. W. Smith, Am. Bank Bldg Oakland. $5000

ALTERATIONS
(3982) 3074 BROOKS ST., Oakland. Alterations.
Owner—F. W. Taylor.
Architect—None.
Contractor—J. E. Stewart, 686 Sycamore, Oakland. $1000

ADDITION
(3983) NW COR. TWENTY-SECOND & West Sts., Oakland. Addition.
Owner—Clean Cleaners.
Architect—None.
Contractor—A H. Rose, 525 17th St., Oakland. $1500

ALTERATION
(3984) NE COR. SIXTH AND BDWY., Oakland. Alterations.
Owner—Joseph Pierotti, premises.
Architect—None.
Contractor—John Perona, 570 7th St., Oakland. $5000

DWELLING
(3985) S BROMLEY ST. 75 E Seminary Ave.;
E SEMINARY AVE. 37 S Bromley;
SE COR. SEMINARY AVE. AND Bromley St., Oakland. 3 1-story 5-room dwellings.
Owner—M. Page, 2060 55th Ave., Oakland.
Architect—None. $3000 ea

DWELLINGS
(3986) 911 FIFTY-SEVENTH ST. & 5651 5655 5671 & 5677 Adeline St., Oakland. 5 1-story 5-room dwlgs.
Owner—E. L. Thompson, 545 17th St., Oakland.
Architect—None. $3000 ea

DWELLING
(3987) E VERSAILLES AVE. 200 N Encinal, Alameda. 1-story 5-room dwelling.
Owner—C. Hollested, 1327 Court Ave., Alameda.
Architect—None. $3800

DWELLING
(3988) 1420 VIRGINIA, Berkeley. 1-story 5-room dwelling.
Owner—Louis Lucier, SW Cor. Virginia and Short, Berkeley.
Architect—None.
Contractor—Harry Ahnefeld, 1969 Marin, Berkeley. $3500

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

FLOTATION PLANT
(3989) 615 UNIVERSITY AVE., Berkeley. 1-story flotation plant.
Owner—Geo. A. Moore & Co., 212 Calif. St., San Francisco.
Architect—None. $25,000

DWELLING
(3990) 1115 BANCROFT WAY, Berkeley. 1-story 5-room dwelling.
Owner—Emil Forsell, 2811 9th St., Berkeley.
Architect—None. $3500

DWELLING
(3991) 1470 CORNELL, Berkeley. 1-story 3-room dwelling.
Owner—E. F. Beck, 1115 Warfield Ave. Piedmont.
Architect—None.
Contractor—Griffith & Nickerson, 1323 96th Ave., Oakland. $1200

DWELLING
(3992) 1451 ONE HUNDRED SECOND Ave., Oakland. 1-story 5-room dwelling.
Owner—W. B. Emmett.
Architect—None.
Contractor—Thos. P. Bolger, 1260 103rd Ave., Oakland. $3500

CARPENTER SHOP
(3993) E FOURTEENTH AVE. 140 N E-14th St., Oakland. 1-story brick carpenter shop.
Owner—Frazio & Dunwoody, 1803 98th Ave., Oakland.
Architect—None. $3500

SERVICE STATION
(3994) S HARRISON, 400 N 14th St., Oakland.
1 story tile service station.
Owner—M. Champeux, 456 Hudson
Architect—None. $3000

DWELLING
(3995) E PERALTA AVE. 50 N Galindo St., Oakland. 1-story 8-room 2-family dwelling.
Owner—J. Crudup, 2402 Peralta Ave., Oakland.
Architect—None.
Contractor—C. W. Reed, 2534 Pleasant St., Oakland. $6000

DWELLING
(3996) N PLEASANT VALLEY 195 E Piedmont Ave., Oakland. 1-story 4-room dwelling.
Owner—M. Champreaux, 456 Hudson St., Oakland.
Architect—None.
Contractor — G. J. Maurer Co., 177 Ridgeway Ave., Oakland. $4000

DWELLINGS
(3997) 6151 6157 6169 6175 6181 SHATTOCK Ave., Oakland. 5 1-story 5-room dwellings.
Owner—Hufschmidt & Whalen, Federal Bldg., Oakland.
Architect—None. $3950 each

FIRE REPAIRS
(3998) SE COR. THIRTEENTH AND Clay St., Oakland. Fire repairs.
Owner—Gilchrist Furniture Co., prem.
Architect—None. $2000

ALT. & REPAIRS
(3999) 1226-28 WEST ST., Oakland. Alteration and repairs.
Owner—Mrs. A. Granberg, premises.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $1600

DWELLING
(4000) SE SANTA CLARA & JEAN, Oakland. One-story 5-room dwlg.
Owner—Dowling & Geary, Federal Bldg., Oakland.
Architect—None.
Contractor—Geo. F. Dowling, Federal Bldg., Oakland. $4000

DWELLING
(4001) NO. 1033 MANDANA BLVD., Oakland. One-story 7-room dwlg.
Owner—Kathryn Robinson.
Architect—None.
Contractor — A. Frederick Anderson, 2800 Delaware St., Oakland. $6000

DWELLING
(4002) NO. 2336 E-TWENTY-SECOND St., Oakland. One-story 6-room dwelling.
Owner—Agnes Sochs, 2225 E-23rd St., Oakland.
Architect—None. $3600

DWELLING
(4003) W BELVEDERE 200 W Ygnacio, Oakland. One-story 6-room dwelling.
Owner—C. L. Fowler, 832 18th St., Oakland.
Architect—None.
Contractor—A C. Sharp, 1327 E-28th St., Oakland. $5000

DWELLINGS
(4004) 2515 2521 DELMER, Oakland. 2 1-story 5-room dwellings.
Owner—J. E. Sprague, 4518 Edgewood Ave., Oakland.
Architect—None. $3000

DWELLING
(4005) 5848 VIRMAR AVE., Oakland. 1-story 5-room dwelling.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $4500

DWELLING
(4006) W SIXTY-SEVENTH AVE. 111 N Arthur St., Oakland. 1-story 4-room dwelling.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. $2000

DWELLING
(4007) W STRATFORD 110 S Trestle Glen Rd., Oakland. 2-story 6-room dwelling.
Owner—J. Palatto, Oakland.
Architect—None.
Contractor—Ralph Norris, 3466 Woodruff Ave., Oakland. $8000

ALTERATION
(4008) SE COR. EIGHTH & FRANKLIN Sts., Oakland. Alteration.
Owner—Hamburger Joe.
Architect—None.
Contractor—H. B. Williams, 351 12th St., Oakland. $1600

DWELLING
(4009) LOT 143 CROCKER HIGHlands Tract, Oakland. 7-room dwlg and Garage.
Owner—Kathryn S. Robinson.
Architect—None.
Contractor — A. Frederick Anderson, 2800 Delaware St., Berkeley.
Filed Aug. 28, 1923. Dated Aug. 23, 1923
Frame up ..... ¼
Brown Coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $5865
Bond, 5865; Sureties, Nils Anderson; Forfeit, none; Limit, 90 days; Plans and specifications, none

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Aug. 23, 1923—LOT 11 BLK 8 ELECtric Loop Tract. A. Millos to Joe Madeiros .....Aug. 10, 1923
Aug. 23, 1923—LOT 3 & SE 4 LOT 2 Blk M Map Central Piedmont Tct. Piedmont. Ralph C. & Evelyn S. Yager to whom it may concern.... .....Aug. 21, 1923
Aug. 23, 1923—NW SIXTY-FIRST AS 80 SW Brann St. SW 40 NW 109.30 Oakland. Paul Louis & Magdeline Silberkick to whom it may concern .....Aug. 22, 1923
Aug. 23, 1923—SW COR. FOOTHILL Blvd and Fairfax Ave., Oakland. Chas. P. & Mabel T. Eggleston to Marshall & Burks.....
Aug. 23, 1923—SP 35 LOTS 7, 8, 9 Fourth Ave. Heights, Oakland. Ernest Martens to B. A. Stewart... .....Aug. 20, 1923
Aug. 23, 1923—LOT 12 BLK 3 MAP Northbrae, Berkeley. Walter G. & Irene C. Traud to whom it may concern .....Aug. 22, 1923
Aug. 24, 1923—LOTS 17 AND 18 BLK 2543/59 Park Place Subdivision No 1, Oakland. Rosalind A and Winthrop L Keep to Webb & Whalin.. .....August 20, 1923
Aug. 24, 1923—LOT 7 and W 10 Lot 6 Blk "F" Klenkerville Tract, Emeryville. Pioneer Laundry Co to H J Christensen and R Vane Woods .....Aug. 17, 1923
Aug. 24, 1923—LOTS 6 AND 7 BLK 2, Hollywood, Oakland. S Victor Dairdow to R E Neikirk. Aug. 24, 1923
Aug. 24, 1923—NINETY-SIXTH AVE and Almond St., Oakland S. P. Co to Hutchinson Co.. ..Aug. 20, 1923
Aug. 24, 1923—CALIFORNIA AND Hopkins, Berkeley. S. P. Co to Hutchinson Co.....Aug 19, 1923
Aug. 24, 1923—LOT 1 9 BLK 756/22 Lakeside Tract, Oakland. Henry G Hill to Thos A Cuthbertson..... .....August 24, 1923
Aug. 24, 1923—LOT 14 BLK 1 Dwight Way Terrace, Berkeley. Alma E Turner to whom it may concern.. .....August 24, 1923
Aug. 25, 1923—NINTH ST. Electric line, Berkeley. S. P. Co to Stevens & Lasker.....Aug. 14, 1923
Aug. 25, 1923—LOT 27 Map Spring Court, Berkeley. Prudence Cadwell Rogers to C M Rogers...Aug. 8, 1923
Aug. 8, 1923—LOT 36 Belvedere Terrace, Oakland. Chris Dietz to Flagg & Turner.....Aug. 24, 1923
Aug. 25, 1923—LOT 14, 15, 16, 17, 18, 19, 20, 21, 22 and 23 Blk 86 a complete Map of Oakland by Julius Kelersberger, Oakland. Hebern Electric Code Inc to James P Dwan (Dwan & Co.).....Aug. 21, 1923
Aug. 25, 1923—LOT 14 Map Sheffield Heights, Oakland. C H Brown to whom it may concern...Aug. 24, 1923
Aug. 27, 1923—NO. 1175 OXFORD ST. Berkeley. Mrs. Emma Larcher to L D Denton.....Aug. 20, 1923
Aug. 27, 1923—LOTS 19 AND 20 BLK "E" Map Kenwood Park, Oakland. J Digerness to whom it may concern.....August 25, 1923
Aug. 27, 1923—PTN LOTS 17 AND 18 Blk 8, Map McGee Tract, Berkeley. Campau-Hall Building Corp to whom it may concern..Aug. 8, '23
Aug. 27, 1923—SECOND ST., Berkeley. S P Co to Hutchinson Co .....August 17, 1923
Aug. 27, 1923—PTN LOT 17 BLK 8 Map McGee Tct., Berkeley. Campau-Hall Bldg. Corp to whom it may concern.....Aug. 1, 1923
Aug. 27, 1923—LOT 136 and SW ½ Lot 13 Blk 19 Map Havenescourt, Oakland. John Muhoberac to whom it may concern.....Aug. 25, 1923
Aug. 27, 1923—1407 E-SIXTEENTH Oakland. H E Mahlgren to whom it may concern.....Aug. 18, 1923
Aug. 28, 1923—SE ARROYO AND Ricardo Aves S 42xE 125, Piedmont Laura C Moore to J W Gaba..... .....August 27, 1923
Aug. 28, 1923—LOT 27 BLK "B".. Amended Map Lorin Heights Tract, Berkeley. Ernest Stout to whom it may concern.....Aug. 1, 1923
Aug. 28, 1923—NW CLAREMONT & Avalon Aves, Berkeley. Axel Tietzen Dodge to H A Marshall and H L Paige.....Aug. 21, 1923
Aug. 28, 1923—LOT 15 BLK "B".. Amended Map Lorin Heights Tract, Berkeley. Ernest Stout to whom it may concern.....Aug. 28, 1923
Aug. 28, 1923—NW ECHO AVE AND NE Linda Ave NW 40 NE 112 SE 40 SW 112.18, Oakland. May L Wayne by M G Kendall to California Builders Co.....Aug. 24, 1923
Aug. 27, 1923—SE ½ LOT 10 all Lot 9 Blk "A" Map The Oaks, Piedmont.. F Paul Burke and J Lloyd Rickley to Chester A Gossett..... .....Aug. 24, 1923
Aug. 29, 1923—3479 WOODFRIFF Oakland. Robert D Grimes to whom it may concern.....Aug. 27, 1923
Aug. 29, 1923—NE SIXTY-THIRD & Telegraph Ave E 158.80 N 100 W 40 S 38 SW to pt 57 from 63rd St W 107 S 59, Oakland. Sarah E Cook to California Builders Co... .....August 24, 1923
Aug. 29, 1923—COR. MOUNTAIN View and Leona, Oakland. Richard G Scoble to J H Marshall..... .....August 27, 1923
Aug. 29, 1923—LOT 10 BLK 14, Lakeshare Highlands, Oakland. Oswald Nicholas Stier to Alex C Wieben.. .....August 28, 1923
Aug. 29, 1923—NO. 1040 TALBOT Ave, Albany. G C Yates to J E Trey.....Aug. 28, 1923
Aug. 29, 1923—N HOPKINS 212-9 SE Thirteenth Ave E 50xN 100, Oakland. C W Glantz to whom it may concern.....August 1, 1923
Aug. 29, 1923—PTN LOT "D" BLK 17 Map Claremont No 2, Berkeley. Henry F Swift to Taylor & Jackson .....August 5, 1923
Aug. 29, 1923—N VISTA AVE — W Bonita Ave., Piedmont. Lucile Bray to R T Belcher...Aug. 27, 1923
Aug. 29, 1923—LOT 13 BLK 30, Fairmount Park, Berkeley. M C Ingraham to whom it may concern.. .....August 14, 1923

LIENS FILED

ALAMEDA COUNTY

Amount Recorded
Aug. 27, 1923—LOT 19 AND S 15 FT. Lot 18 Blk 1 Map Broadway Terrace, Oakland. Rhodes-Jamieson & Co vs J C Downey, J H Steven and David H and Henrietta Monroe. $70.80
Aug. 27, 1923—LOTS 14 AND 15 BLK 269, Brennan Tract, Oakland. Sunset Lumber Co vs Minnie R Haines $743.78
Aug. 28, 1923—NE 26.94 LOT 32 and all Lots 33, 34 and 35 Blk "H" Map Broadway, Oakland Standard Planing Mill vs Oakland and San Francisco Imp Co and J C Downey .....$25[illegible]
Aug. 28, 1923—NE SIXTY-THIRD & Avenal Aves, Oakland. Oakland Bldg Material Co vs Bertha Asterfurner, T P Wells and L Dellinger .....$41.7[illegible]
Aug. 28, 1923—N CHAPMAN ST. 120 E Peterson St., Oakland. Yager Sheet Metal Co vs A Weber....$24[illegible]
Aug. 28, 1923—NW TWENTY-THIRD Ave and E-30th St., Oakland. Hogan Lumber & Mill Co, $904.98; Smith Hardware Co, $122.88 vs W Larson .....
Aug. 28, 1923—LOTS 33, 34 and 35 Blk "H" Map Broadway Terrace, Oakland. F A Anderson vs J C Downey and W A Knowles..$1615.2[illegible]
Aug. 28, 1923—SE BROOKDALE & Courtland Aves SE 70 fm pt beg. SE 35 SW 106.08 NW 35 NE 106.14, Oakland. B F Davis vs Frank and Esther E Bothelo, Edith M Griffin, F L Johnston, Diamond Home Bldg Co and H L Valoroy.....$19[illegible]
Aug. 29, 1923—NE MERA AND SE Alma Ave NE 110xSE 60, Oakland. Sunset Lumber Co vs J F Aston, Church of God, T J Burch and T B Sanders, Trustees.....$108.90

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Aug. 22, 1923—E PEARL ST. 200 N Eagle Ave. N 40 E 140 Alameda. Maxwell Hardware Co. to M. J. Adams, John H. & Blanche Wade. $17.74
Aug. 22, 1923—E PEARL ST. 200 N Eagle Ave N 40 E 140 Alameda. Maxwell Hardware Co. to Duner-Matheny Sash & Door Co.....$42.9[illegible]
Aug. 27, 1923—LOT 23 BLK 4 Map Shaw Tract, Berkeley. Hogan Lumber & Mill Co to M Walsh.... .....$256.0[illegible]
Aug. 29, 1923—LOT 10 BLK "I" Map Moss Estate, Oakland. Sunset Lumber Co to C A Curtis....$521.5[illegible]

CANCELLATION OF BUILDING CONTRACT

ALAMEDA COUNTY

Aug. 29, 1923—Jennie and E G Feige owners with Fred H Field, contractor. Filed Aug. 27, 1923 Dated Aug 16, 1923.

BUILDING CONTRACTS

FRESNO COUNTY

$5000 and Over Reported

STORE BLDG.
LOTS 23 AND 24 BLK 50, Fresno. All work for one-story and basement brick store building.
Owner—John C. Tuck et al, 1021 F St Fresno.
Architect—Glass & Butner, Cory Bldg Fresno.
Contractor—Jolly & Jolly, Fresno.
Filed Aug. 20, '23. Dated Aug. 20, '23.
First floor joists in place.....$361
Roof on 361
Upon completion 361
Usual 35 days..... 362
TOTAL COST, $14,45[illegible]
Bond, $11,437. Surety, Fidelity & Deposit Co. of Maryland. Limit, forfei none. Plans and specifications filed.

STORES, $22,000; No. 2446 Stanislaus St., Fresno; owner, Frank Purkel contractor, Trewhitt & Shield Rowell Bldg., Fresno.

WELLING, $5000; 1620 White Ave., Fresno; owner, O. O. Richardson. TORES, $14,450; 1028 F St., Fresno; owner, John Luck; contractor Jolly & Jolly, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

ecorded Accepted
ug. 22, 1923—LOTS 39 AND 40 BLK 2, High Addn No. 4, Fresno. J A Schlotthauer to whom it may concern.....Aug. 21, 1923
ug. 23, 1923—NISHKIAN TRACT, Fresno (Curbs, sidewalks, etc.) J A Schlotthauer to whom it may concern.....Aug. 21, 1923
ug. 23, 1923—BLK 23, 37½x150 Ft., Fresno. Consolidated Invst Corpn to O F Campbell.....Aug. 21, 1923
ug. 23, 1923—LOTS 21 AND 22 BLK 74, Sierra Vista Add No. 4, Fresno. Harry T Wallers to whom it may concern.....Aug. 22, 1923
ug. 24, 1923—NO. 2034 VAN NESS Blvd., Fresno. John B Lamoure to Louis Cereghino & Son.....Aug. 24, 1923
ug. 25, 1923—LOTS 12, 13, 16⅔ FT. Lot 11 Blk 74, Fresno. K K Darbenian et al to Frederickson & Shannon.....July 23, 1923
ug. 25, 1923—LOTS 27 AND 28 BLK 94, Fairmont. Joe Colla to P A Wolff.....Aug. 23, 1923
ug. 25, 1923—LOTS 35 AND 36 BLK 2, High Addition No. 4, Fresno. J A Schlotthauer to whom it may concern.....Aug. 24, 1923
ug. 27, 1923—LOTS 17 AND 18 BLK 6, Grand Ave Park, Fresno. Benio Kimble to whom it may concern.....Aug. 12, 1923
ug. 28, 1923—LOTS 45, 46 BLK 85 Sierra Vista Add No. 4, Fresno. J. B. Guinn to whom it may concern.....Aug. 27, 1923
ug. 28, 1923—LOTS 27, 28 BLK 2, Esmeralda Hts., Fresno. Wm. J. and Jessie A. Mortland to whom it may concern.....Aug. 27, 1923
ug. 28, 1923 — LOT 37, SAMPLE Acres, Fresno. J A Brown to whom it may concern.....Aug. 25, 1923
ug. 28, 1923—LOTS 14, 15, 16 BLK. 56, Fresno. S. Kaprialian to Gordon Roofing & Materials Co.....Aug. 24, 1923

LIENS FILED

FRESNO COUNTY

ecorded Amount
ug. 21, 1923—LOTS 11, 12 BLK 2, Normal Vista Addition, Fresno. Smith Hardware Co vs D H Bolton $44
ug. 21, 1923—LOTS 7 TO 13 BLK 2, Belmont Heights Addition, Fresno. Frank L Breault vs W A Sluthour $423
ug. 24, 1923—LOT 3 AND 4 BLK 3, Allen & Binford Tract, Fresno. Central States Electric Co vs J D Wilhoit and Henry Freund.....$47
ug. 25, 1923—LOTS 7 TO 13 BLK 2, Belmont Heights, Fresno. J D Halstead Lumber Co vs Wm A and Stella E Sleuthour.....$621
ug 25, 1923—E 25 FT. LOT 77 W 25 ft. Lot 12 Blk 10, Wilson N. F. Tract, Fresno. King-Johnson Co vs J C Clark and Helen M Jones $300
ug. 25, 1923—E ½ OF NE ¼ NE ¼ of SE ¼ of Sec. 25, 16-20, Fresno. Edw Lindman vs L Markarian.$370
ug. 27, 1923—BLK 45, Reedley. Western Lumber Co vs National Fruit Exchange $1800
ug. 27, 1923—PTN BLK 66, Reedley. Western Lumber Co vs National Fruit Exchange $3100
ug. 28, 1923—LOTS 7 TO 13, BLK 2, Belmont Hts., Fresno. Fresno Hdwe. Co. vs. W. A. and Stella Sluthour $101

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2500 and Over Reported

WELLING, one-story 5-room and garage, $3250; No. 2424 W St., Sacramento; owner, Mrs. D. Danielson, 24th and X Sts., Sacramento.

DWELLING, two-story 5-room, $3000; No. 656 42nd St., Sacramento; owner, R. Welsch, 656 42nd St., Sacramento; contractor, A. McFarland, 821 42nd St., Sacramento.

DWELLING, one-story 5-room and garage, $3500; No. 832 Mission St., Sacramento; owner, Mrs. G E. Johnson, 813 J St., Sacramento; contractor, E. D. Driver, 813 J St., Sacramento.

DWELLING, one-story 6-room and garage, $4500; No. 1300 40th St., Sacramento; owner, W. L. Phillips, 1406 44th St, Sacramento.

DWELLING, one-story 5-room and garage, $2950; No. 1840 39th St., Sacramento; owner, R. Nay, 1832 39th St., Sacramento.

DWELLING, 1-story 5-room and garage, $3925; 592 36th Lot 52 East Terr, Sacramento; owner, A. E. Byre, 3008 2nd Ave., Sacramento; contractor, Jos. Edenhofer.

FLATS, 2-story, $10,000; 614 23rd, Sacramento; owner, B. F. Bennetts 610 23rd, Sacramento; contractor, E. Wankelman.

DWELLING, one-story 5-room and garage, $4000; No. 1447 48th St., Sacramento; owner, A. Goddis, Frem.; contractor, Henry McAdams, 502 K St., Sacramento.

FOUR-FLAT dwelling, two-story and garage, $9500; No. 2520 G St., Sacramento; owner, H. L. Mee, 1920 13th St., Sacramento.

BRICK work for two-story market building, $20,000; No. 1236 J St., Sacramento; owner, Mrs. Lizzie Glide, Berkeley; contractor, K. E. Parker, Clunie Bldg., San Francisco

DWELLING, one-story 5-room and garage, $3950; No. 1741 38th St., Sacramento; owner, Mary M. McConnell, 817 14th St., Sacramento; contractor, J. Maloney, 317 T St., Sacramento.

DWELLING, two-story 5-flat and garage, $10,000; No. 720 17th St., Sacramento; owner, Mrs. Nancy Chalmer, 1630 H St., Sacramento.

DWELLINGS, 7 one-story 5-room and garages, $4350 each; No. 855, 825, 854, 835, 824, 834 and 844 35th St., Sacramento; owner, F. P. Williams 4440 San Benito St., Sacramento.

FLAT, 5-room, $2800; No. 1621 24th St., Sacramento; owner, Mrs. E. D. Wells, Premises; contractor, John T Hunt, 3781 6th Ave., Sacramento

REMODEL & make alterations, $100,000; No. 809 31st K, Sacramento; owner, Hale Bros., 9th and K Sts., Sacramento; contractor, W. Theilbahr, Motor Rite B Box, 155, Sacramento.

DWELLING, one-story 5-room and garage, $3150; No. 3324 43rd St., Sacramento; owner, C. R. and M. R. Simons, 4300 8th Ave., Sacramento; contractor, J. P. Howell, 1837 47th St., Sacramento.

DWELLING, one-story 5-room and garage, $5000; No. 3850 4th Ave., Sacramento; owner, Mary Vexton, 3960 4th Ave., Sacramento; contractor, G. E. Vexton.

STORE bldg., one-story, $20,000; No. 1300 J St., Sacramento; owner, Wright & Kimbrough, 817 J St., Sacramento.

DWELLING, one-story 6-room and garage, $5600; No. 2715-G St., Sacramento; owner, C. S. Morrill, 711 22nd St., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Amount
Aug. 21, 1923—LOT 6031 H. J, G SUB 60, Sacramento. Clair N Kelso and Hazel M (ux) to whom it may concern .....July 28, 1923
Aug. 22, 1923—W ½ LOT 3, S. T. 24th and 25th Sts, Sacramento. J J and Edith A Schrunk to whom it may concern .....June 20, 1923
Aug. 24, 1923—THIRTIETH AND R Sts., Sacramento. S. P. R.R. Co. to whom it may concern..Aug. 18, 1923
Aug. 24, 1923—TWENTY-NINTH & R, Sacramento. S. P. Co. to whom it may concern .....Aug. 9, 1923
Aug. 24, 1923—SAC. GAS PLANT. P. G. & E. Co. to whom it may concern .....Aug. 1, 1923
Aug. 24, 1923—LOT 2225 ELMHURST Sacramento. G. P. Beere to whom it may concern .....Aug. 11, 1923
Aug. 24, 1923—S ½ OF E ½ LOT 8 D E Sacramento. Sheridan Downey to whom it may concern.....Aug. 15, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Aug. 22, 1923—FARMS 109 AND 110, Valley Oaks Sub No. 2, Sacramento. Sunset Lumber Co vs J R Furtado $325.70

Notice of Non Responsibility

SACRAMENTO COUNTY

Aug. 22, 1923—S 27 OF N 127 OF W ½ Lot 1, J, K, 10th and 11th Sts., Sacramento. G C Simmons as to improvements on property.....

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2500 and Over Reported

REMODEL, $2900; 910 South Calif., Stockton; owner, B. Belluomini, 509 San Juan, Stockton.

RESIDENCE, $3500; 1153 North Pilgrim, Stockton; owner, H. A. Stormes, 1151 N Pilgrim, Stockton.

RESIDENCE, $3600; 1204 East Oak, Stockton; owner, G. Guissi.

RESIDENCE, 529 No. San Jose, Stockton; owner, I. R. Williams.

RESIDENCE, $5000; 1034 West Acacia, Stockton; owner, L. W. Buchanan.

BUILDING, $16,491; Lot 11 & E½ Lot 9 Blk 153 East of Center St., Stktn; owner, Mrs. W. J. Young; contractor, M. A. Orcutt, 616 N Grant, Stockton; limit, 100 days; filed Aug. 22; dated Aug. 20, 1922.

RESIDENCE, $2750; 727 East Clay, Stockton; owner, M. J. Drais, Bank of Italy Bldg., Stockton.

RESIDENCE, $4500; 1031 North Yosemite; owner, J. B. Wolfe.

REMODEL, $4000; 745 North San Joaquin, Stockton; owner, Mrs. G. Smith.

RESIDENCES 2, $4250 each; 701 707 North San Jose, Stockton; owner, D. Vairo.

REMODEL, $8000; 535 East Walnut, Stockton; owner, Saint Joseph's Home, N California, Stockton.

RESIDENCE, $5000; 651 North Central, Stockton; owner, E. T. Morrison.

RESIDENCE, $4750; 125 East Monterey Stockton; owner, Salfield Bros.

RESIDENCE, 140 East North; owner, Mrs. W. J. Young, 1444 N El Dorado, Stockton.

RESIDENCE, $6500; 1013 West Acala, Stockton; owner, F. Mollenhaem.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Aug. 22, 1923—Stockton. John C Droge to G E Saxton and E S Abbott.....Aug. 20, 1923
Aug. 24, 1923—LOTS 2 AND 4 BLK 103 West of Center St., Stockton. Anna C McCaw to E E Moore.....August 23, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Aug. 17, 1923—LOT 11 BLK 1, Oakhurst Addition, Stockton. W L. Small vs Jenny Maxwell and Frank B Thrasher.....$39.75

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

DWELLING
LOT 1 BLK 13, Evergreen Park, San Jose. All work for dwelling.
Owner—Nick Perkut, Mayfield.
Architect—B. J. Williams.
Contractor—B. J. Williams.
Filed Aug. 16, '23. Dated June 18, '23.
Frame up $1000
Plastering on 1000
Completed 2000
TOTAL COST, $4000
Bond, none. Limit, 90 working days. Forfeit, plans and specifications, none.

DWELLING
LOT 26 BLK 16, Lendrum Tract, San Jose. All work for one-story 4-room dwelling.
Owner—Viola D. Brown.
Architect—None.
Contractor—D. H. Main and S. C. Evans.
Filed Aug. 16, '23. Dated Aug. 16, '23.
Frame up $626.12
Brown plaster on..... 626.12
Completed 26.12
Usual 35 days..... 626.12
TOTAL COST, $2544.50
Bond, $1272. Sureties, A. L. Hubbard and John Lindgren. Limit, 65 working days from Aug 16, 1923. Forfeit, none. Plans and specifications filed.

COTTAGE
LOT 21 Naglee Terrace, San Jose. All work for one-story frame cottage and garage.
Owner—L. L. Hullett, San Jose.
Architect—Herman B. Krause, San Jose
Contractor—Frank Neves, Santa Clara.
Filed Aug. 20, '23. Dated Aug. 15, '23.
Building enclosed $1573
Brown mortar on..... 1573
Completed and notice filed..... 1573
Usual 35 days..... 1573
TOTAL COST, $6294
Bond, $3000. Sureties, J. A. Chase and James H. Pierce. Limit, 90 working days from Aug. 15, 1923. Forfeit, none. Plans and specifications filed.

GAS service station, $1650; Julian and San Pedro Sts., San Jose; owner, J. C. McNeil; contractor, California Gas Service Station Co.
GAS service station, $1650; Second and Virginia Sts., San Jose; owner, J. C. McNeil; contractor, California Service Station Co.
COTTAGE, 4-room, $2200; San Fernando and 20th Sts., San Jose; owner, S. J. Blakeley; contractor, G. H. Vore.
COTTAGE, 4-room, $1800; No. 33 N-St., John St., San Jose; owner, J. A. Weldon.
COTTAGE, 5-room, $2590; No. 1230 Palm St., San Jose; owner, A. Dimarera, 268 Pomona St., San Jose; contractor, M. M. David.
RESIDENCE, 5-room, $4000; E Sta. Clara near 26th, San Jose; owner, Verne Bryan, 1200 Santa Clara, San Jose; contractor, F. C. Grupe, 291 Hanchett, San Jose.
COTTAGE, 5-room, $3975; Atlanta nr. Bird, Sah Jose; owner, Wm. Regel, 945 Delmas, San Jose.
COTTAGE, 4-room, $1500; 33rd near McKee, San Jose; owner, C. E. Glader.
ALTERATIONS, $1975; 598 S 15th, San Jose; owner, The Misses Tormey, 589 S 15th San Jose; contractor, Alfred Jones.
ALTERATION, $——; 75 N Eighth, San Jose; owner, R. S. Field, 106 Fox San Jose.
RESIDENCE, $6295; 16th near William, San Jose; owner, L. L. Hullett; architect, F. Neves.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Aug. 16, 1923—293.80 FT. S OF SAN Pedro and Santa Clara Sts. on San Pedro St., San Jose. E T Coopers and E G Gassett to Jorgensen & Cook.....Aug. 15, 1923
Aug. 16, 1923—MAYFIELD. Mary Smith to Bruce Constr Co. Aug 10, '23
Aug. 16, 1923—LOT 15 BLK 4, Garden City Add'n., San Jose. W N O'Neil to whom it may concern. Aug. 15, 1923
Aug. 17, 1923—PTN LOTS 53 AND 54 Blk 5, Cook & Branham Add'n., San Jose. J Poulsen to A J Nielsen.....August 2, 1923
Aug. 17, 1923—PTN LOT 1 BLK 25, Beach's Add'n., San Jose. John Boer to whom it may concern.....August 17, 1923
Aug. 20, 1923—PTN LOT 2 BLK 95, University Park, San Jose. John Hanson and P Wm Wilson to whom it may concern...Aug. 18, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Aug. 20, 1923—LOTS 6 AND 7 BLK 17 Lendrum Tract, San Jose. Dan Dorsa vs Annie Scorsur $68
Aug. 20, 1923—LOT 1 BLK 43, Naglee Park Tract, San Jose. Dan Dorsa vs Peter Swanson $40.50
Aug. 20, 1923—PTN LOTS 53 AND 54 Blk 5, Cook & Branham Add'n., San Jose. Don Dorsa vs J Poulson....$19
Aug 20, 1923—PTN LOT 10 BLK 2, Sunol Part'n. Dan Dorsa vs Elizabeth Hickey $17.50
Aug. 20, 1923—NO. 180 SPENCER AV. San Jose. Dan Dorsa vs Meta E Cottle $206.25
Aug. 20, 1923—3.083 ACRES, Part of SW ¼ Sec. 25 T 7 S R 2 W M. D. M. Sunnyvale Supply Co vs Henry Ericksen $403.73

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Aug. 18, 1923—LOTS 8, 9, 10 AND 11, Adams Tract, San Jose. The Minton Co to F W Aust.....$518.86
Aug. 16, 1923—94.80 FT. SE Locust and Balbach Sts., San Jose. Southern Lumber Co to Michael K Muller $791.99
Aug. 17, 1923—LOTS 8, 9, 10 AND 11, Adams Tract, San Jose. S H Chase Lumber Co to F W Aust.....$546.67

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $3800; NW Seventh and Ripley, Richmond A. J. McNany, 824 7th St., Richmond.
DWELLING, one-story frame, $3000; N Lowell St., bet. 24th and 26th Sts., Richmond; owner, T. C. Brown, 23rd and Macdonald Ave., Richmond; contractor, The Miner Co., 23rd and Macdonald Ave., Richmond.
DWELLING, one-story frame, $5500; SE Twenty-first and Burbeck Sts., Richmond; owner, Frank Ausez, 2022 Burbeck Ave., Richmond; contractor, E. A F. Carson, 542 4th St., Richmond.

BUILDING CONTRACTS

SAN MATEO COUNTY

ALTERATIONS
MILLS ESTATE, Millbrae. All work for construction of road and removal of bridge.
Owner—Mills Estate Inc., Mills Bldg., San Francisco.
Engineer—A. Toriggino, 576 Mills Bldg., San Francisco.
Contractor—H. E. Casey Co., 307 B St., San Mateo.
Filed ——. Dated Aug. 14, '23.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $4968.75
Bond, $2500. Surety, American Surety Co. Limit, 40 working days. Forfeit plans and specifications, none.

BUNGALOW
LAUREL ST., San Carlos; Job No. 28 All work for bungalow and garage.
Owner—Mercantile Trust Co.,
Architect—None.
Contractor—Paul E and E. E. Urch.
Filed Aug. 14, '23. Dated Aug. 11, '23
TOTAL COST, $275
Bond, none. Limit, 90 working days Forfeit, none. Plans and specification filed.

BUILDING
S BARRIOLHET AVE., being Lot 3 Blks B and H, Resubdivision, San Mateo. All work for building.
Owner—W. R. Blick.
Architect—None.
Contractor—Henry L. Meyer.
Filed Aug 22, '23. Dated Aug. 17, '23.
Brown coated $150
Standing finish on..... 150
Completed 150
Usual 35 days..... 175
TOTAL COST, $615
Bond, limit, forfeit, plans and specifications, none.

REDWOOD HIGHLAND, Redwood City
Owner—Redwood Highlands Co., Redwood Cal.
Architect—None.
Contractor — A. Teichert & Son, 184 37th St., Sacramento.
Filed Aug. 22, 1923. Dated Aug. 11, 192
Completed and accepted 75
Usual 35 days 25
TOTAL COST—84c cu. ft. grading curtin; 8c cu. ft. grading filling; 87 lin. ft. curbs, gutters complete; $.13 sq. ft. pave, roll and fill.
Bond, $18,000; Sureties, American Indemnity Co.; Forfeit, none; Limit, 12 working days; Plans and specification filed.

RESIDENCE
LOT 247 SAN MATEO PARK, San Mateo. All work for one-story and basement residence.
Owner—John Eshia.
Architect—S. A. Born Bldg. Co., Glaenwood, San Mateo.
Contractor—Looman & Brimhall.
Filed Aug. 23, '23. Dated Aug. 3, '23.
Ready for roofing.....$1628.4
Brown coated 1628.4
Ready for paint..... 1628.4
Completed 1628.4
Usual 35 days..... 2171.2
TOTAL COST, $8685.0
Bond, none. Limit, 90 working days Forfeit, plans and specifications, none

RESIDENCE
LOT 10 BLK 18 DINGEER PARK, Redwood City. All work for residence
Owner—A. R. Chapman, Redwood City
Architect—None.
Contractor—H. W. Arnold, 137 Stratford, Redwood City.
Filed Aug. 27, 1923. Dated Aug. 25, 19
Framed $162
Brown coated 16
Completed and accepted 16
Usual 35 days 16
TOTAL COST, $65
Bond, Sureties, Forfeit, none; Limit, 90 wk days; Plans and specifications file

RESIDENCE
LOT 6 BLK 6 HAYWARD PARK, San Mateo. All work for 1-story and basement frame residence.
Owner—J. A. Gaffigan & Margaret Gaffigan, 544 S "D" St., Burlingame.
Architect—None.
Contractor—Grant L. Johnson, 36 Victoria Rd., Burlingame.
Filed Aug. 30, 1923. Dated Aug. 29, 19
Framed $16
Brown coated 16
Completed and accepted 16
Usual 35 days 16
TOTAL COST, $64
Bond, Sureties, none; Forfeit, $10; limit 90 wk days; Plans and Specification none.

COTTAGE and garage, $4000; Lot Blk 9, Blgme Terrace, Burlingame owner, L. E. White, 1508 Cabrillo Ave., Burlingame.
BUNGALOW and garage, $6000; Palm Drive Highway and Fairfield R Lot 3 Blk 6, Burlingame; owner Varring and Williams.

BUNGALOW and garage, $4000; Balboa Ave, Lot 18 Blk 19 Easton 2, Burlingame; owner, J. Morahsen.

BUNGALOW and garage, $5500; Center part of lot A and B Blk 6 Bigmo Terrace Edgehill Drive, Burlingame; owner, W. Nelson.

BUNGALOW and garage, $5000; Paloma Ave. Lot 8 Blk 13 Easton 1, Burlingame; owner, George Thompson.

BUNGALOW and garage, $4000; Bigmo Grove Lagune Ave. Lot 11 Blk 15, Burlingame; owner, L. W. Root; contractor, I. Sorensen, Peninsular Ave., Burlingame.

BUNGALOW and garage, $3500; S M Drive Lot 9 Blk 11 Easton 1, Burlingame; owner, Arthur J. Ray.

COTTAGE and garage, $4500; Lot 15 Blk 37 Easton 2 Vancouver and Carmelite, Bigme; owner, Thomas E. Dayley; contractor, Daley Bros.

BUNGALOW and garage, $4500; Drake Ave. Easton 2 Lot 10 Blk 32, Burlingame; owner, Mrs. A. Johnson, 1137 Cabrilli Ave., Burlingame; contractor, A. W. Waldo, 604 North "C" St., San Mateo.

APARTMENTS, 4, $15,000; Highway & Forest View Lot 14 Sub 4 Blk 2, Burlingame; owner, H. H. Zurck.

RESIDENCE, $10,000; Por. 166 Crescent Ave, San Mateo Park, San Mateo; owner, Gorden Hess, Highland Ave., San Mateo.

ALTERATIONS, $1000; Lot 19 BLK 11 West Add'n., Elsworth Ave., San Mateo; owner, John Mitvalsky, Berresford.

RESIDENCE, $5800; Lot 271 San Mateo Park on Midway St. near Poplar, San Mateo; owner, C. C. Hoby, Occidental Ave., San Mateo; contractor, White & Durkey, 645 Bariohlet Ave., San Mateo.

RESIDENCE, $6150; Lot 36 Bariohlet Ave., San Mateo Park, San Mateo; owner, W. R. Blick, 3229 23rd St., San Francisco; contractor, H. S. Meyer, Burlingame.

ALTERATIONS, $1000; San Mateo Planing Mill, San Mateo; owner, San Mateo Planing Mill.

BAKERY stores and (4) apartments, $19,300; Middlefield Road 100 S Burlingame; Ave., Burlingame owner, F. W. Fickeisen, 11 Middlefield Road, Burlingame.

BUNGALOW and garage, $5000; Channing St., Lot 10 Blk 39, Burlingame; owner, G. Ginillie; contractor, Lyon & Hoag.

BUNGALOW and garage, $2975; Paloma Ave., Lot 9 Blk 14, Easton No. 1, Burlingame; owner, George E. McLead.

BUNGALOW and garage, $4000; Paloma Ave, Lot 8 Blk 16, Burlingame Grove, Burlingame; owner.

DAIRY BARN and creamery bldg., $5000; Lot 7-8-9 Blk 23 E. S. M. "T" St., San Mateo; owner, E. W. McLellen; contractor, J. B. Jones, St. James Hotel.

RESIDENCE & SHOP, $5172; Lot 6 Blk 6 Sub Howard 8th Ave., San Mateo; owner, J. A. Gaffagan; contractor, Grant F. Johnson, 36 Vieldland Rd., Burlingame.

RESIDENCE, $5700; Lot 286 San Mateo Park Midway Ave., San Mateo; owner, A. H. Wubel; contracter, Jas. Keegan, 21 N "E" St., San Mateo.

Joseph A Riordan.

BUNGALOW & garage, $1500; Easton Drive, Lot 26 Blk 57 Easton No. 6, Burlingame; owner, J. Hagen.

RESIDENCE, $8000; Lot 10 Hayward Ave, Glazenwood, San Mateo, owner, S. A. Born Bldg. Co., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

Aug. 16, 1923—NE HOPKINS AND Duacel Sts., Redwood City. Henry A B Bagin to Guss Waller.....

Aug. 16, 1923—MENLO PARK, Passenger Station. Southern Pacific Co to Eaton & Smith....July 20, 1923

Aug. 16, 1923—LOT 22A, PTN 21 Blk 30, Lyon Hoag Sub, Burlingame. Alvin H and Jessie T Wright to F H Boring.....Aug. 3, 1923

Aug. 16, 1923—LOT 20 BLK 20, Lyon & Hoag Sub, Burlingame. John Heckenkemyer to whom it may concern.....August 13, 1923

Aug. 17, 1923—LOT 12 Sub 1, San Mateo Park, San Mateo Evelyn C Poett to Charles Pedersen..... .....May 19, 1923

Aug. 18, 1923—LOT 22 BLK 2, Burlingame Villa Park, Burlingame. Fred Geiser to Thomas M Jones....—

Aug. 20, 1923—LOT 31 BLK 1 Easton Burlingame. Fay D and Margaret A Bowman to whom it may concern.....Aug. 14, 1923

Aug. 21, 1923—PTN LOTS 14 AND 16 Blk 25, Redwood Highlands, Redwood City. Redwood Highlands Co to Louis N Pollard.....Aug. 18, 1923

Aug. 22, 1923—LOT 6 BLK 1 HIGH School Park, South San Francisco. Frank and Emma Spurl to Tony Plaura .....Aug. 5, 1923

Aug. 23, 1923—LOT 29 BLK 3, BURlingame Park Sub 4, San Mateo. E. E. Wenk to whom it may concern .....

Aug. 24, 1923—LOT 34 BLK 49 EASton No. 4, Burlingame. Jas. F. O'Malley to T. J. Bradench..... .....Aug. 20, 1923

Aug. 23, 1923—LOT 31 CHARLES Weeks Poultry Colony 4th addition to Runnymede near Menlo Park. Marie Louis May to Lowsan & Sons. .....Aug. 22, 1923

Aug. 25, 1923—LOT 13 BLK 35 EASton No. 2, Burlingame. Chas. McIntyre by H. H. Putnam to whom it may concern .....Aug. 24, 1923

Aug. 25, 1923—LOT 30 BLK 3 BURlingame Park No. 2, Burlingame. Feliks Gottlieher to whom it may concern .....Aug. 23, 1923

Aug. 27, 1923—LOT 12 BLK 57 EASton No. 6, Burlingame. A. J. Moon to D. W. Baysinger....Aug. 23, 1923

Aug. 27, 1923—1413 B & PTN 14 B 1 Central Add. San Mateo. Charlotte Marie Wieland to William Finnell & Son .....July 14, 1923

Aug. 29, 1923—PTN LOTS "L" and "M" Blk 5, Burlingame Terrace, Burlingame. John H and Barbara Wieser, to whom it may concern.. .....August 25, 1923

Aug. 29, 1923—LOT 19-A Sub No. 2, San Mateo Park, San Mateo. Frank H Doane to O L Cavanagh..... .....August 25, 1923

Aug. 29, 1923 PROPERTY OF THE Olympic Club, San Mateo. The Olympic Club to James T Toblin.. .....June 16, 1923

Aug 29, 1923—LOT 3 BLK 5 Sub No. 3, Burlingame Park, Burlingame William P Bastien to whom it may concern.....Aug. 27, 1923

Aug. 30, 1923—SE EATON AVE AND Francis Lane, Redwood. Albert E and Mary L Cohen to Harry W Arnold.....Aug. 29, 1923

Aug 30, 1923—LOT 32 BLK "K" Haywood Park, San Mateo. George Martin to Martin Matulich ....Aug. 29, 1923

Aug 30, 1923—LOT 28 BLK "R" Haywood Park, San Mateo. R H Norheim to A McKenzie...Aug. 24, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount

Aug. 16, 1923—LOT 3 BLK 5, Burlingame Park No. 3, Burlingame. Great Western Supply Co vs Geo D Huston, William P and May L Bastine $492.76

Aug. 22, 1923—E LAGUNA AVE 200 S Sanchez, Burlingame. The Greater City Lumber Co et al vs E Spiro and L E Nelson.....$664 15

Aug. 23, 1923—LOT "L" BLK 5, Burlingame Land Co, Burlingame Marshall Stearnes Co vs Burlingame Building Co and August and Julia Belfrage $314

Aug. 23, 1923—LOTS 11 AND 12 BLK 20, Easton No. 2, Burlingame. E C Jacobson vs James Keegan, Jeannette M and A Baradatt.....$201.01

RELEASE OF LIENS

SAN MATEO COUUTY

Recorded Amount

Aug. 22, 1923—REDWOOD HIGHlands, McHugh & Day Co. vs. Redwood Highlands Co. .....

Aug 24, 1923—LOT 3 BLK 5 SUB NO. 3 Burlingame Park, Burlingame. Great Western Supply Co. to William P. Bastien.....$492.76

OLD MISSION CEMENT COMPANY HOLDS ANNUAL OUTING

The annual outing of the Old Mission Portland Cement Company was held Sunday, August 26, at Congress Springs, Santa Clara County. Employees and their families from the company plant at San Juan and the business offices in San Francisco attended the affair. Mr. H Coffman was chairman of the day, ably assisted by George Dixon of the sales staff.

In addition to a program of amusements, the picnicers enjoyed a feast of barbaccued steaks. Gate prizes were awarded. Presents were distributed to the children and boxes of candies to the ladies. Dancing was enjoyed the greater part of the day.

The outing was the most successful held in the history of the company.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

17TH & KANSAS STS. - SAN FRANCISCO

Phone Market 1057

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., SEPTEMBER 8, 1923

Published Every Saturday
Twenty-third Year No. 30

Schumacher
Office
210 American National Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland

Appearance
Comfort

Board

For Sale by all Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

KOEHRING K HEAVY DUTY

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., SEPTEMBER 8, 1923 — Twenty-third Year No. 36

BUILDING and ENGINEERING NEWS

No. 818 Mission Street,
San Francisco Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

TO MEASURE WATER DIVERTED FROM NIAGARA RIVER

The Canadian government has acceded to the plan proposed by the United States for the measurement of the diversion from the Niagara river. The measurements are to be composed of two members, one to be appointed by the Canadian government and the other by the United States. The American member of the board will be Major P. S. Reinike, the district engineer of the War Department at Buffalo. Canada is expected to appoint William Stewart as its member of the board.

L. A. HAS REALTY MAN FOR EVERY 47 INHABITANTS

The oft repeated, and always adaptable, story of the city where there were so many real estate men that they were forced to wear badges to keep from selling to each other is apparently borne out by figures shown in the latest California Real Estate Directory-Bulletin. The booklet, issued by the state real estate commision, shows that in Los Angeles there are 15,000 real estate men, or one for every forty-seven inhabitants.

FEDERAL CONSTRUCTION COMPANY SUES ON ROAD CONTRACTS

Suit to have contracts for the construction of two units of the Fresno county highway system assigned to the Federal Construction company, has been brought in the superior court at Fresno, against T. A. Hanrahan by the construction company.

It is charged in the action that the Federal Construction company is the owner of contracts for the improvement of route 4, section A, and route 15, section A, adopted by the Fresno board of supervisors. These contracts were taken in the name of Hanrahan but were financed and conducted entirely with the money and equipment of the plaintiff and belongs to it, it is claimed.

On August 13, 1923, Hanrahan received a part payment on the contract for route 4, section A, amounting to $29,638.95 and deposited it in his own name in the Fresno bank, according to the complaint.

The depositing of the money in the name of Hanrahan, it is claimed, was contrary to the business custom of the plaintiff and in conflict with its rights and Hanrahan knew it.

"If Hanrahan is permitted to collect any further sums due under contracts," it is charged, "and so misappropriates it, he is not financially able to respond in damages." Hanrahan threatens to collect all money due under the contracts, the complaint states.

On August 29, in San Francisco, the complaint states, the Federal Construction company demanded that Hanrahan assign the contracts to the plaintiff and assign all money due or to become due under them and further that the defendant refrain from collecting any moneys due or about to become due under the contracts. The defendant refused and neglected to comply with the demand, it is charged.

Judgment compelling Hanrahan to assign the contracts to the plaintiff, all moneys due or about to become due on the contracts, and that he be restrained from collecting any money due, and that it be decreed that the plaintiff is the owner of the contracts, is asked by the construction company.

CALIFORNIA COUNTIES BENEFIT FROM NATIONAL FOREST RECEIPTS

Nearly one and one-half million dollars out of the receipts from the National Forests of California have been turned over, since 1908, to the various counties of the State in which these Federal holdings are located, reports the United States Forest Service. This fund, which represents 25 per cent of the money taken in by the Government from the sale of timber, grazing fees and other Forest resources, is made available for the benefit of roads and schools. Besides this sum, the Forest Service also expended, during the same period, an additional 10 per cent of the receipts from the Forests, amounting to over $480,000, in the construction of minor roads and trails in the mountains. This latter amount is in addition to the large expenditures authorized by Congress for National Forest road construction.

S. F. BUILDING PERMITS AND BANK CLEARINGS INCREASE

San Francisco bank clearings for August totaled $646,000,000, an increase of $23,600,000 over August, 1922, according to figures announced by the Information Bureau of the Chamber of Commerce in co-operation with the Clearing house Association.

Prosperity's on-rush through all trade channels is reflected in the bank clearings for the first eight months of 1923, the total soaring to $5,284,761,000. This is an increase of $632,961,000 over the first eight months of last year.

Chamber of commerce statistics further show the increases are getting larger with each successive period.

The first six months of 1923 gained $538,061,000 over the similar period of 1922, while on the comparison of seven months shows an increase of $608,361,000 and the eight-month period sets a new high mark, gaining $632,961,000.

Activity continues in building operations, permits for August numbering 787, calling for an improvement of $3,915,300. In July there were 733 building permits with the improvement amounting to $3,227,115. August registers an increase of $688,185 over the preceding month.

A comparison of the eight months of 1923 with the first eight months of 1922 reveals a greater number of residences constructed and other operations where the amounts involved are not as great as the sums covered in some of the skyscrapers.

In the first eight months of the current year 6767 buildings permits have been taken out as compared with 5562 during the corresponding period of 1922, this year's increase being 1205. In volume, the 1922 total slightly exceeds the 1923 figure, the former being $32,594,825 as against $31,172,607.

BUILDING BOARD PATENT IS GRANTED

W. C. Richman, of Butte, has been granted a patent for the manufacture of building boards or slabs, the method of which consists in forming a core within a core mold, then removing the core mold and surrounding the formed core with a frame to form, with the core, a board or slab mold, then filling the board or slab with concrete, then forming another core on the board thus produced, and applying a frame therearound to form a second board mold and filling the second board mold with concrete and repeating the operation to form a stack or pile of boards within their molds, and permitting the boards to set and harden, then removing the board mold frames and moistening the stack or pile of boards to hydrate the cement content thereof, and finally separating the board and cores.

Offered a more lucrative position with the Edwin T. Peterson Lumber Company in San Francisco, Walter Decker has resigned from the managership of the Diamond Match Company's interests in Woodland. Decker succeeded I. E. Brink at the Woodland post. Brink was made head of the retail yards of the Diamond Match Company with offices at Chico.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Whether or not companies which manufacture gypsum and similar products should pay taxes on the net returns rather than the gross tonnage, is a question which is being considered by the Nevada state board of equalization. Some inquiry has been made as to why such companies should not pay on their net returns the same as silver and gold coporations and officials of the West End Chemical Company and Standard Gypsum Company have been called before the board to give figures on the net returns of their products.

The adoption generally by California contractors of a system of inspection of the safety appliances surrounding their construction jobs is predicted by James A. McGilvray of the Industrial Accident Commission as a result of recommendations made by the commission. Insurance for the contracts will be materially reduced and the safety of the workmen enhanced, McGilvray points out, if a company inspector of guard rails, scaffolds and other safety appliances is maintained.

State Reclamation Board is investigating the complaint of the Sacramento Dredgermen's Union that the Callahan Construction Company which holds a contract for levee improvements in District No. 1660, Colusa county, is working the men more than eight hours a day. The complaint was filed by H. G. Charles, Secretary of the union.

W. F. McClure, director of the State Department of Public Works, announces that $10,000 is available from state funds to help dam Carquinez Straits. The federal government apportioned $20,000 on the understanding that California would raise a similar sum. The remaining $10,000 will be made up from organizations interested in keeping back-water out of the delta.

The Security Building Company has been incorporated with a capital stock of $500,000. Directors are: L. A. Booksin, A. D. Curtner, Wm. M. Curtner, Wilbur J. Edwards, W. E. Hazeltine, W. A. Johnston, Charles M. Richards, J. E. Roberts, Fred M. Stern, Frank Stock and J. S. Williams, all residents of California.

The Red Bluff municipal water department made a gain of $1,263.74 in its cash balance during August. On July 31st the balance in the treasury to the credit of the water department was $4,804.03 and on August 31st it was $5,667.77. The amount collected in August was $1,741.37, and the sum paid out was $877.63.

State Bond Commission recommends $150,000 bond issue in the Oakdale Irrigation District to finance irrigation works. The directors of the district sought to issue $300,000 which included funds to finance canal enlargements. The commission was of the opinion that the present canals would provide sufficient water.

Sixty men employed on the Fremont Weir, a Government project in Yolo County, walked off the job when the contractors refused to grant then a 50c day increase in wages.

The business of the former firm of Farris Bros., cast stone contractors, has been incorporated under the name Farris Bros. & Hart Stone Co. J. Roger Farris is president and general manager; Fred M. Farris, vice-president and yard superintendent, and J. P. Hart, secretary-treasurer and supervising engineer. The company is now established in the plant recently bought at 3201 Humboldt St., Los Angeles.

Grading work has been started on the proposed plant of the recently formed Yosemite Portland Cement Company located near Merced. A 145-acre site has been purchased at the junction of the Southern Pacific and Yosemite Valley railroads. The Santa Fe will build a branch line to the site. Construction will be handled by the Hunt Engineering Company of Kansas City.

The S. G. Beach & Son box factory at Placerville will be rebuilt, owned and managed by a stock company to be incorporated at once with a capitalization of $200,000. Seth G. Beach will subscribe one-half the stock and the balance will be taken by Placerville capital. The new company will take over the sawmill at Plum Creek and the timber lands owned by Beach.

Voters of San Jose on October 23 will decide the question of issuing bonds of $650,000 for the following improvements $150,000 for bridges; $400,000 for sewer construction and sewage treatment plant and $100,000 for construction necessary for separation of the grades at the intersection of West Santa Clara street and the S. P. right-of-way.

The city council of Santa Barbara has decided to adopt a new plumbing ordinance and has appointed the following committee to draft the ordinance: H. W. Cartridge, journeyman plumber; John Grocott, master plumber; F. W. Cole, member of city council, and Clyde McPeak, city plumbing inspector.

Plans for a model township site at the State soldier settlement project at Ballico, Merced county, have been completed by Professor John W. Gregg, landscape architect at the University of California. The new town is situated on the Santa Fe Railroad. It will be similar to the already existing settlements at Durham and Delhi.

Roy Worth, former Seattle manager of the Pacific States Electric Company, has been transferred to a similar position at San Francisco. He is succeeded at Seattle by August J. Lutz, former manager for the company at Oakland.

Redwood City plans to vote bonds of $30,000 to purchase privately owned water works system to operate as a municipal plant.

City trustees of Lodi have been petitioned to call bond election to secure funds to finance construction of municipal auditorium.

The Dura Crete Products Company of Los Angeles has opened a plant at 223 Minna street, San Francisco, for the manufacture of their products, a waterproofing cement.

ALONG THE LINE

A. M. Barton has been appointed chief engineer of the California State Reclamation Board. Barton, who heretofore has had the title of assistant engineer, will have complete charge of all administrative and operative work of the board, and will receive a salary of $5,000 per year. Barton was named assistant secretary of the board early last March at the time of the shakeup, which resulted in an almost complete change of the personnel and as such was in charge of the offices of the board during the reorganization period. He was later appointed assistant engineer.

James W. Plachek, Berkeley Architect, has been appointed a member of the Berkeley City Planning Commission to fill the vacancy caused through the resignation of George Schneider. Eugene Neuhaus, assistant professor of art at the University of California, was re-appointed a member of the commission. His term expired on Sept. 1.

S. J. Norris, civil engineer, Oroville, has been appointed chief engineer of the Honcut-Yuba Irrigation District in Yuba County to prepare a report on proposed works in the district for submission to the State Bonding Commision which body will authorize an election to vote bonds to finance the project.

Directors of the Vallejo Chamber of Commerce are opposed to the reappointment of Lawrence Thompson, engineer, to a city position in Vallejo. Captain Cox, retired Public Works Officer formerly of the Mare Island Navy Yard, it is said, is also opposed to the appointment of Thompson.

Peter Gadd, secretary and member of the California State Reclamation Board, has tendered his resignation to give more time to personal business. Gadd was appointed to the board by Governor Richardson in February of this year.

C. L. Huggins, City Engineer of Berkeley, will tender his resignation to the city council immediately, the resignation to take effect October 1. Mr. Huggins plans to take a trip for his health.

Frank B. Rae, electrical engineer, has been employed for a period of three months by the Berkeley City Council, at a salary of $200 a month, to make a survey of the city's lighting system with a view to improving same.

Gillam & Buckingham, civil engineers, have moved from 58 Sutter St., to 235 Montgomery St., San Francisco.

O. R. Thayer, San Francisco architect, is on a combined business and pleasure trip in Southern California.

National Cast Iron Pipe Co. of Birmingham, Ala., has opened a Los Angeles office at 429 A. G. Bartlett Bldg.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

TILE AND PAINT MEN FOR APPRENTICESHIP

Interest in the training of apprentices is being manifested by the Associated Tile Manufacturers and by the National Association of Paint Manufacturers. The paint makers have employed a man to assist in providing a training school, while the tile makers have worked out a course to be given through trial at Dunwoodie Institute, Minneapolis, Minnesota, this summer. The latter action parallels that of the Common Brick Manufacturers' Association, which had previously developed scholarship and training plans with respect to Dunwoodie Institute, a move that is expected to result in the appointment of a national director of bricklayer apprentices.

ALAMEDA COUNTY PLASTERERS ENJOY DINNER

"Playing ball together is the biggest factor for community success in American business," Clarence Coleman, editor of San Francisco Business, periodical published by the San Francisco Chamber of Commerce, in an address before the first get-together dinner of the Master Plasterers' Association of Alameda County at the Hotel Oakland, August 30.

Others who participated were, William Makins, baritone; Ashton Leach, pianist, Billy Moir, tenor, and Louis Brisko, comedian and Fred Bishop, whistler.

T. D. Sexton is president of the new association and William Breuer is secretary-manager.

ALAMEDA COUNTY BUILDERS' EXCHANGE GROWING

E. W. Shaw, secretary of the Alamedt County Builders' Exchange, reports that the membership roll continues to grow. Among the recent new members the following are listed: Wagner & Donnelly, Plastering Contractors, represented by P. H. Donnelly; Jack-Thompson Lumber Co., represented by K. E. Jack; Zenith Mill & Lumber Co., represented by C. C. Speer; Progressive Planing Mill Co., represented by E. E. Bonta; California Mill & Cabinet Company, represented by M Hollested; Peters Construction Company, represented by E. G. Peters.

ORANGE COUNTY BUILDERS SEEK UNIFORM BUILDING CODE

A movement to secure a uniform building code for the cities of Orange county has been inaugurated by the Orange County Builders' Exchange. President George Wells, of that organization, has been authorized to appoint a committee to take up the matter with the trustees of all incorporated cities. In an effort to carry the movement a step further a committee will also confer with the board of supervisors of the county regarding the adoption of an ordinance to regulate construction in subdivisions outside the cities.

The annual convention of the National Retail Lumber Dealers' Assn. is called for October 9 to 11, at the Seelbach Hotel, Louisville, Ky.

COAST BUILDING INSPECTORS TO CONVENE AT CORONADO

City building officials of the Pacific Coast are being invited to meet September 10 to 14 at Coronado, Calif., for the consideration of problems developing with the increasing growth of western cities. The need for an adequate building code will be one of the important subjects taken up.

"The officers of the Pacific Coast Building Officials conference," said M. C. Woodruff, building inspector of San Jose, in an interview with L. Kraemer, building code advisor of the National Lumber Manufacturers' association, "are exerting strenuous efforts to have present at our coming meeting in Coronado, every building official in the coast states. The enthusiastic gatherings of the national conference, especially the last meeting at Toledo in April of this year, which unfortunately so many of our western members were unable to attend, lead us to believe that we may expect a full representation at the coming meeting.

"We have in the Pacific Coast states of Washington, Oregon and California," continued Mr. Woodruff, "about 35 men charged with the administration of the building ordinances in our cities. A number of cities, however, have no regularly appointed building inspector. We are hoping that they will send their superintendents of public safety or other appropriate officers to the conference.

"I consider the coming meeting to be especially important in view of the present great activity of the western cities in developing new building codes. We expect that many important questions will come before the meeting for discussion. Problems which are troubling individual inspectors probably will be presented to the meeting in order to obtain information bearing on them in the light of the experience of other men who have successfully solved similar problems".

The present officers and directors of the Pacific Coast Building Officials Conference are M. C. Woodruff of San Jose, president; V. D. Hedden of Long Beach, vice-president; A. C. Horner of Stockton, secretary and treasurer; Robert Greig of Berkeley, T. W. Ryan of Oakland; J. Anton of Fresno and O. G. Knecht of San Diego.

AUGUST BUILDING TOTAL

Building operations in San Francisco for the month of August, just closed, total approximately $3,915,300, according to Chief Inspector of Buildings John P. Horgan of the Department of Public Works During the month a total of 787 permits were issued as compared with 733 permits in July when the operations aggregated $3,-227,715.

Following is a segregated report of the August, 1923, activities as compiled by the Department of Public Works:

Class	No. of Permits	Cost
A	3	$470,000
B	4	680,000
C	22	659,550
Frames	270	1,376,095
Alterations	487	562,044
Public buildings	1	167,611
Total	787	$3,915,300

FENCE MANUFACTURERS TO ADOPT SIMPLIFIED MANUFACTURING PROGRAM

Eighty per cent of the manufacturers of farm, field, and poultry woven wire fences of the United States, representing over 90 per cent of the country's annual production of that commodity, have signified their intention of accepting the simplified practice recommendation promulgated at the Commerce Department on July 11 and 12, the Department states in announcing that it has received signed statements from that percentage of the industry.

Woven wire fence manufacturers, distributors, and consumers, representing at least 85 per cent of the national capacity, met with Mr. W. A. Durgin, Chief of the Division of Simplified Practice, at the Department of Commerce, in July, in an effort to get together on some mutually satisfactory plan for eliminating excessive varities of styles and containers existent in that industry.

As a result, this conference recommended a reduction from 552 styles of woven wire fence to 69; and a reduction from 2,972 sized packages to 138. This means an 87 5 per cent eliminationtion in the former, and a 93 1 per cent elimination in the latter.

Following the presentation of a proposed recommendation for the attention of an industry, such as the results of the fence conference, it is the practice of the Department of Commerce to obtain signed acceptances from all participants, and from others who are in any degree affected by the contemplated arrangement. While the Department expressed the greatest satisfaction over the rapidity with which the acceptances are accumulating, particularly from manufacturers, it hopes that the many individuals who must route their opinions on the subject through their respective Trade Associations, will respond as quickly as they can conveniently do so, in order that the matter may be concluded by an official printing as soon after September 1, as possible.

DEMAND FOR BRICKLAYERS IN NEW YORK

A survey of the Mason Builders' Association showed 4642 bricklayers working in Greater New York June 1. Approximately 500 were not working because of illness or lack of inclination to work. Of the number of bricklayers employed it is estimated from 1000 to 2000 are transients who have been attracted to New York by high wages. It is claimed there is now work for 2000 to 4000 more bricklayers than are available. Evidently contractors of that city have a big problem on their hands to keep pace with ordinary building demands, to say nothing of an accumulated shortage. New York has less than the average number of bricklayers for her population. The ratio for the country-at-large is about one bricklayer to every 760 people. In New York City the ratio is one to every 1070. And if conditions are not radically different than in other parts of the country the number of apprentices now being trained will not offset the losses to the craft by retirement, death and change of occupation. —Southwest Builder and Contractor.

Three Thousand Attend Builders Outing At Capitola

(BY THE OBSERVER)

More than three thousand people—men, women and children—the building fraternity of Northern California and their friends—attended the three day annual "Builders' Day" outing held under the auspices of the San Francisco Builders' Exchange at Capitola-By-Sea, Santa Cruz County, September 1, 2 and 3.

Three days of continuous pleasure—dancing, bathing, boating, games of all sorts, community singing, fishing and sight seeing trips were enjoyed, occupying every minute of the three day session.

A Paradise on earth for the kiddies and a practical vacation for the older folks, whose business it is to juggle figures and peruse plans and specifications for the twelve months in each year.

Everybody Was There

The Contractor and his staff of mechanics—the Architect and his office force—the Materialman and his salesforce and shop employees—from the office boy to the president of the company—all these were there accompanied by their families and their friends.

Lengthy Program

A lengthy program comprising athletic events of every sort was carried out on a minute schedule. Feature contests proved to be the Dickey Mastertile Laying Contest, the Ladies' Brick Laying and Nail Driving Contests and the Bathing Girls' Revue. Valuable prizes, ranging from a carload of brick and sand to a ton of hardwall plaster down to a tombstone valued at $45 were awarded in feature contests and the athletic events. Practically every prize awarded was a product manufactured for the construction interests with the exception of the first gate prize. The latter was a beautiful silver set, the donation of the Henry Cowell Lime and Cement Company, of which Wm. H. George, president of the San Francisco Builders' Exchange, is secretary-manager.

State Delegates Welcomed

Saturday afternoon the outing officially opened with the reception of delegates to the State Convention of Builders' Exchanges followed by a reunion dinner in the Hotel Capitola. Dancing and entertainment furnished by Builders' Exchange talent was then enjoyed until midnight when the Famous Builders' Midnight Follies staged their program on the platform fronting the hotel.

Builders Catch Fish

Sunday morning opened with a fishing trip on Monterey Bay followed by a special builders' breakfast. Sight seeing, boating and bathing and athletic events closed the morning when the crowd gathered for lunch to enjoy the fish caught by the builders at the break of day. Gate prizes were then distributed. This was followed by an aquatic meet and the King Neptune and Captain Kidd events for the kiddies. Sunday evening closed with a dance and entertainment, music being furnished by the Builders' Exchange Jazz Orchestra under the personal direction of Keith Lord.

Monday's program included golf, a trip to the Big Trees, swimming and boating. The feature prize contests closed the program which was carried out as scheduled.

Dickey Tile Contest

The Dickey Mastertile Laying Contest, held under the auspices of the California Brick Company, proved the feature of all events. In this contest the boys showed the spectators that they could work in their Sunday clothes with stiff collars as well as the 5½-day week overalls and soft collars. Competition in this event was keen due to the attractive cash awards offered by Mr. N. A. Dickey, president of the California Brick Company. At a given signal work was started in earnest by the nine men who competed in the contest. During the progress of the work friends of the contestants were constantly prompting the worker as to how he stood in the running. Suggestions were offered from time to time as to how one could improve his standing with a view to landing the first prize award. Cheers went up with the laying of each tile and with a motion picture camera constantly in operation the contestants had plenty of boosting assistance to cause them to increase their speed. The $50 first prize was awarded to Harold Larsen, the second prize of $20 to Jerry Collins. Due to workmanship and time period the judges were compelled to provide three prizes on the third award, $10 each being given to Bill Rainey, Jr., Bill Rainey, Sr., and Chas. Chubb. Each of the other contestants were awarded $5.

Ladies' Brick Contest

Whoops-My-Dear' This contest was a hum-dinger. With the shot of the gun and the air filled with cheers, this contest was carried on at a mile-a-minute pace. The judges in an effort to keep up with the progress of the work prompted one to recall the famous ride of Paul Revere. This contest established three facts if women are to lay brick; (1) that gloves must be furnished by the contractor to his bricklayers to eliminate the possibility of contracting blisters; (2) that bricks should be made smaller to permit easier handling; (3) that brick work should start at least three feet above the ground to eliminate the development of a sore back. Grace Perego, the only lady contractor in the San Francisco Builders' Exchange won first prize in this event, a beautiful mirror, the donation of the Crowe Glass Works. Second prize, one thousand pounds of house coal, the gift of J. S. Guerin Company, was awarded to Mrs. N. Larson.

Bathing Revue

The Bathing Girls' Revue. Truly a world's fair in itself. A sight too good for the eyes of a king. All-in-all this event caused an abundance of close scrutiny both on the part of the judges and the spectators—but mostly, however, on the judges. The revue acted like a hypodermic needle on many of our contracting friends—especially the older members of the fraternity. The young fellows registered heart beats somewhere in the neighborhood of 187½ per minute while the older fellows would force a thermometer to rise in the vicinity of 115¾. To be brief—the revue was good. Variety and quality were desired for this event and it contained plenty of both for there were skinny ones, fat ones, medium sized ones and over-sized ones. After long deliberation and considerable consideration the first prize, a beautiful art framed mirror, the gift of the Tyre Bros. Glass Company was awarded to Miss Barbara Odges, daughter of the original Joe Odgers. The second prize, a beautiful pearl necklace, was awarded to a group due to the failure of the judges to make a single selection. Third prize, a nickel plated basin faucet and soap dish, the donation of the Richmond Sanitary Manufacturing Company, was awarded to Miss Curtis, who featured in the swimming and diving contests. Miss Anna Romos captured fourth prize, a cash award of $5 given by the West Coast Nursery Co. (Walter A. Hoff, Landscape Engineer). The fifth prize, $5 in cash, also given by Mr. Hoff was won by a young lady whose name was not taken.

Kiddies Treasure Hunt

Builders' Day, however, was not without its share of pleasure for the kiddies. Captain Kidd's Treasure Hunt—a rare treat for the youngsters, was staged with Elmer Gallagher as the notorious pirate Captain Kidd, ably assisted by six other "pirates" from the San Francisco Builders' Exchange: Steve Guerin, Geo. Dixon, Chas. Munson, M. H. Gnecco, Joe Crowe and Joe Odgers. This event made the home run play with the younger generation. Entering Capitola in his private row boat accompanied by his fellow pirates, Capt. Kidd announced to the kiddies he was in search of a treasure he knew lay buried somewhere on the Capitola shore. After staking out the treasure ground the Captain and his pirates announced the rules of the hunt. With the shot of his trusty pistol the Captain had the kiddies turning over the beach. Every moment brought forth a cry of "I found it," and "So have I," and "Here's another." Twenty bags, each containing a brand new $1 bill, buried few inches in the sand comprised the treasure which was provided by the Pacific Portland Cement Company.

King Neptune Event

King Neptune, the Czar of the sea, ably duplicated by Elmer Gallagher, made a second home run with the kiddies. On his arrival on the Capitola shore the kiddies formed a line and paraded the beach to the Hotel Capitola where candy and a prize were given to each youngster. This event was made possible through the donation of Mr. Chas. Cadman of the Atlas Mortar Company.

Nail Driving Contest

The Ladies' Nail Driving Contest was a knock-out both for the nails, the contestants and spectators. This contest brought out the fact that the fair damsels could not work on finished lumber without killing the job. Contestants complained the nails lacked heads of sufficient size—that the hammers were too heavy and that some hammers must have had crooked handles which caused them to make many a miss. With blistered hands the first prize was accepted by Mrs. F. C. Sommers of Santa Cruz. The prize, a nickel plated electric cooker, was the donation of the Enterprize Electric Works. Second prize, a $5.00 merchandise order, donated by the Palace Hardware Company was awarded to Mrs. G. Bailey of Santa Cruz.

Midnight Follies

The Builders' Famous Midnight follies, as usual, put their end of the program over in regular style. This event established the fact that the San Francisco Builders' Exchange possesses considerable talent in the matter of entertainment and the boys should be given more opportunities to do their stuff.

Swimming Meet

The Invitational Swimming and Diving Contests featuring fourteen female swimmers and divers, including Hilda

Curtis, Junior Champion of the Pacific Coast and Margaret Bernardi, Alameda diving champion, furnished the builders and their friends with the latest stunts in water sports. Rowing and canoe tilting contests were other features incorporated in the aquatic program. These events were carried out under the supervision of Chris J. Hillard.

Gate Prize Awards

Gate prizes were awarded as follows:

1st Prize—Beautiful silver set, donated by Henry Cowell Lime & Cement Company, awarded to John P. O'Brien, San Francisco plasterer.

2nd Prize—One carload of crushed rock, donated by Clarence F. Pratt, president of the Pratt Rock & Gravel Company and the Pratt Building Material Company, awarded to Dr. J. H. Conroy, dentist of San Francisco.

3rd Prize—Tombstone, valued at $45, made of California granite, donated by Ed. A. Wiesenburger, mounment dealer of Colma, San Mateo County, awarded to A. H. Ronitz.

4th Prize—Load of Holmes Diamond Hydrated Lime, valued at $25, donated by Holmes Lime & Cement Company, awarded to Mrs. Jas. Christian of San Francisco.

5th Prize—One automobile lunch set, valued at $35, donated by W. P. Fuller Co., awarded to Herbert Holloway of Berkeley.

6th Prize—One carload of sand, valued at $25, donated by Clarence F. Pratt, president of the Pratt Building Material Company, awarded to Miss Ella Rushton of Soquel, Santa Cruz County.

7th Prize—One auto service creeper, valued at $10, donated by Gunn, Carle & Co., awarded to Mrs. L. Stoff of San Francisco.

Paint Production Is Largest In 1922

The paint and varnish industry of the United States presents every appearance of progressing on a healthy basis at the present time, says an exhaustive summary given out by the Chemical Division of the Department of Commerce in connection with a world resume of the situation. In the United States improvement in all lines of business and especially the large amount of construction carried on accounts to a great extent for this encouraging showing, but, it is stated, "undoubtedly the continuous efforts of 'save the surface' campaign was a big factor." The revival of the industry in 1922 after the slump of 1921 is declared to have been quite marked.

Detailed figures of the increases in production in the different classes of paints and paint materials show that the quantity of paint and varnish produced in 1922 in the United States was nearly 12 per cent greater than in 1920, the previous peak year, and it is declared to be probable that the industry will show a porportionate increase in 1923.

"It follows directly," says the statement, "that an increase export trade will help to set a new high level for sales of American paints, varnishes and kindred materials. The value of our domestic production in 1920 was around $400,000,000 and our exports amounted to $28,000,000. In 1921 this export figure declined to about $12,000,000 and in 1922 to $11,500,000. This decline in value of our exports of paints and varnishes is attributed to a certain extent to the deflated values in 1922 as compared with 1920 and is not indicative of a loss in volume in foreign trade as the proportionate decrease in value. Exception to this statement may be made in the case of ready mixed paints, which showed in 1922 a 50 per cent reduction both in quantity and in value as compared with 1920. This is a serious enough situation to warrant its careful consideration by the industry."

TRADE NOTES

The firm of E. D. Bullard, 268 Market street, San Francisco, and with offices in Los Angeles, has been appointed representatives for California and Nevada for the Utah Fire Clay Company of Salt Lake City, Utah, which company manufacturers clay crucibles, fire brick and other clay and silica products. E. D. Bullard will stock the clay crucibles in San Francisco to permit early delivery to western industrial plants and mines. About a year ago E. D. Bullard started handling the Bartley Crucible and now has filled out the line with the Utah Fire Clay Company's material and is now in a position to make prompt shipments on this full line of clay and graphite material. The Utah Fire Clay Company has been making clay goods since 1904 and has six plants of their own manufacturing their various products.

J. D. Wallace & Co., 268 Market St., San Francisco, manufacturers of woodworking machinery and machine tools, announce they are marketing a new lathe. The machine is probably the single-speed, portable six-inch bench smallest electrically driven woodworking lathe made and is designed to do the smaller turning operations which make up a great share of the work in many woodworking plants. Speedier and more economical work can be done on this machine than on larger machines, it is claimed. The lathe is intended for work up to six inches in diameter. It clears five inches over the tool rest and seven inches on the face plate, with full twenty-four inches between centers. The machine weighs 203 pounds.

At the urgent request of their friends Smith, Booth, Usher Co. have resumed the publication of the Priced Stock Bulletin, and for greater convenience to the trade have divided it into two sections. No. 8103 covers Construction Equipment, Industrial Equipment, Pumps and Engines, Motors and Compressors. No. 8153 covers Machine Tools, Woodworking Machinery and Small Tools. The company is anxious that each class of trade have the proper one and will appreciate advices as which may be desired. The San Francisco store is at 50 Fremont Street and the Los Angeles store at 228 Central Ave., Los Angeles.

The Oakland Foundry & Furnace Company has purchased a site and plant in Third street, West Berkeley, and in addition to manufacturing a patent furnace will conduct a general foundry business. Operations will start October 1. John Newman, owner of the Newman Pattern Works of Oakland, is president of the company. F. L. Holbrook, a furnace expert, is vice-president and John E. Hyatt, a mechanical engineer, is secretary-treasurer. The Newman Pattern Works will be moved from Oakland to the new quarters and both plants will be operated jointly.

Edward J. Lynch, for the past ten years associated with the California Electrical Construction Company, announces that after August 31 he will discontinue his connection with that concern and organize a company to be known as the Edward J. Lynch Electric Company with offices at 1725 Steiner street, San Francisco.

Link-Belt Company announces that since putting its "Cub" portable loader on production basis it has still further reduced the cost of manufacturing below the initial sixteen per cent cut in price and is now able to market this machine at $550, equipped with a two or three phase 60 cycle motor and fitted with the underneath raising and lowering mechanism.

The Siler Logging Co., capitalized at $2,500,000 has filed articles of incorporation at Everett, Wash. Trustees of the company are: George S. Long, Tacoma; James G. Eddy, Everett, John W. Eddy, Seattle; W. L. McCormick, Tacoma.

The R. G. Meyler Corp., with head offices at 1312 S Los Angeles St., Los Angeles, has been recently organized for the purpose of selling and installing all types and sizes of boilers and boiler room equipment throughout the Pacific Coast states.

The Hammond Lumber Co. has purchased approximately ten thousand acres of redwood land from numerous owners on the upper Van Duzen river in Humboldt County, the purchase price aggregating $3,000,000.

M. A. Little, contractor, has moved his offices from 805 Bush street to 535 Geary street, San Francisco.

JAPAN DISASTER WILL STIMULATE AMERICAN BUSINESS

The New York Herald says: While it is realized the present is no time to discuss the advantage that may result to American business through the terrible disaster in Japan, those who are attempting to forecast the future cannot ignore that it will have a far-reaching effect. In the next six months perhaps, Japan will be in need of great sums of money for rehabilitation purposes and the United States is the place to which she will logically turn. At the same time the raw materials and manufactured products necessary to the reconstruction of the devastated regions must in nearly all cases come from this country. Hence business is likely to expand on a sizable scale. Bankers see in this situation a sharp tightening of money and credit conditions here.

STEEL PRODUCTION IS IN EXCESS OF NEW ORDERS

For the first time this year production of steel is in excess of new orders. Deliveries, while still extended, are more certain and in most cases shipments can now be made within sixty or ninety days.

Consumers are still anxious about deliveries and are requesting mills to make as prompt deliveries as possible. Up to this time mills have been booking more than they have produced and they have been falling further behind in their deliveries.

It is considered probable here that the present quiet in buying will not continue for any length of time. In fact some signs of a revival have already been shown. This is particularly true on rails and steel bars, which are in good demand.

Building News Section

APARTMENTS

Contracts Awarded.
APTS. & GARAGE Cost, $12,500
OAKLAND, S Santa Clara 180 E Fairmont Ave.
Two-story frame 16-room apts. and garage.
Owner—W. R. Taylor.
Contractor — California Builders Co., 1534 Franklin St., Oakland.

Contract Awarded.
APT. BLDG. Cost, $15,000
OAKLAND, S Bond St. 200 W Fairfax.
Two-story 16-room frame apt. bldg.
Owner—T. B. Draper.
Contractor—California Builders Co., 1534 Franklin St., Ookland.

REDLANDS, Cal.—See "Hotels," this issue.

Contract Awarded.
APT. BLDG. Cost, $24,000
SAN JOSE, Santa Clara Co., Cal., NE 7th and San Carlos Sts.
Two-story frame and stucco apt. bldg.
Owner—J. O. Boesch, San Jose.
Architect—H. W. Higbie, Porter Bldg., San Jose.
Contractor—E. Nommensen, 101 S 16th St., San Jose.

Bids To Be Taken in a Few Days For the General Contract.
APT. BLDG. Cost, $500,000
SAN FRANCISCO, N Washington 68-9 W Gough.
Ten-story & basement reinforced concrete apt. bldg. (2nd unit) 9 apartments.
Owner—Two Thousand & Six Washington Street, Inc.
Architect — C. A. Meussdorffer, Humboldt Bank Bldg., S. F.

Contract Awarded.
APARTMENTS Cost, $22,000
OAKLAND, SW 38th and Grove Sts.
Two-story brick apts and stores (11 apartments)
Owner—G. Merlino.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley.

LOS ANGELES, Cal.—Luther T. Mayo 531 Black Bldg., has completed plans and has the contract to erect a 50-rm. 25-apt. bldg., at 230 S Coronado St., for T. E. De Lay. Cement slab constr., 2-sto. and part basement, 50x150 ft., cem. exter., comp. rfg., hardw. and cem. fls., gas rads., tile baths and drainbds., water htr., wall beds, O. P. trim, metal lath; $58,000.

LOS ANGELES, Cal.—Chas. J. and Elsie Hall and A. H. and Marion Seeley, Ave. and 4634 Santa Monica Blvd., have leased a 3-acre tract on Santa Monica Blvd. near Vermont Ave. and extending through to Willowbrook Ave. The frontage on Santa Monica Blvd. will be improved with a 2-story brick bldg. to contain 15-store in first story and apartments above. Two 6-story class A apt. bldgs. to contain 20 rms. each, will be erected on the Willowbrook Ave. frontage. The central portion of the site will contain a garage to house 200 machines. The total cost of the improvements will be about $750,000 and the lease provides that work is to be started within 90 days from Aug. 15.

VERNON, L. A. Co., Cal.—See "Factories & Warehouses," this issue.

LOS ANGELES, Cal.—W. E. Chadwick, 723 Union League Bldg., has completed plans for a 45-room apt. bldg., to be erected on Edgecliff Dr., for G. Hanson. Frame and plaster constr., 70x130 ft., 2-story, tile and comp. rfg., hardwd. and O. P. fls., gas rads., water htrs., tile baths and drainbds., O. P. trim, wall beds, metal lath; cost $50,000.

LOS ANGELES, Cal.—Archt. Rudolph Falkenrath, 202 Detwiler Bldg., has completed plans for a 3-story apt. bldg., to be erected at 1700 Trinity St., for Carl Senz; will contain 29 single apts. Frame constr., 3-story and part basement, comp. baths and drainbds, gas rads., unit water htr., hardwd. fls., wall beds, comp. baths and drainbds., O. P. trim, wall beds, staff work.

BONDS

LOS GATOS, Santa Clara Co., Cal. — County supervisors sell $250,000 bond issue of Los Gatos Union High School District for premium of $2430. Proceeds of the sale will finance construction of new high school buildings, plans for which are being completed by Architect W. H. Weeks, 369 Pine St., San Francisco.

ESPARTO, Yolo Co., Cal.—Election will be held Sept. 22 to vote bonds of $22,000 to finance construction of new 5-room grammar school. Will be of concrete construction. Plans are being prepared by Architects Geo. C. Sellon & Co., Mitau Bldg., Sacramento.

SAN BERNARDINO, Cal. — City school board is awaiting opinion of Leonard, Surr & Hellyer, attorneys, as to whether the board may place alternative proposals for a bond issue for a new junior high school on the ballot. One plan is to provide a $300,000 bond issue for a 40-room and assembly hall building and abandon the present structure. The other is for a $200,000 bond issue to build a building of approximately 25 rooms, with repairs to the present building.

LODI, San Joaquin Co., Cal.—Woods School District votes direct tax of $7,500 to finance purchase of auditorium chairs, erect school bus sheds and construct gravel walks in school grounds.

FRESNO, Fresno Co., Cal.—Election will be held Sept. 21 in Big Sandy School District to vote bonds of $2500 to finance school improvements Trustees of district are: H. L. Wheeler, J. M. Cavin and R. E. Quick.

CHURCHES

Plans Being Prepared.
CHURCH Cost, $45,000
ALAMEDA, Oak St. & Central Ave.
One-story frame & brick veneer church
Owner — First Methodist Episcopal Church.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.

Of the $45,000 required to reconstruct the church recently destroyed by fire, the building committee reports that $37,000 has been raised of which $21,000 was obtained through insurance. It is expected the balance will be raised within the next two weeks.

Preliminary Plans Prepared.
CHURCH $100,000
BURLINGAME, San Mateo Co., Cal.
Two-story and basement hollow tile and brick church with cement exterior and tile roof.
Owner—First Methodist Church.
Architect—Paul V. and Rollin S. Tuttle, Associated, 357 12th St., Oakland.

LOS ANGELES, Cal.—The Milwaukee Bldg. Co., 315 Wright & Callender Bldg. is preparing plans for a new church bldg. to be erected at the cor. of 5th St. and Normandie Ave. for the Ninth Church of Christ Scientist. It will probably be class A construction and will cost $200,000 to $300,000.

FACTORIES AND WAREHOUSES

Plans Completed
ADDITION Cost, $16,000
SAN FRANCISCO, 7th and Irwin Sts.
Steel frame addition to factory.
Owner — Pacific Coast Glass Works, premises.
Engineer — Warren E. Murray, Merchants Ex. Bldg., S. F.

Contractors Taking Sub-Figures.
BOILER HOUSE Cost $56,122
OAKLAND, SW 23rd Ave. & Boehmer Street.
One-story and mez. brick laundry and 1-story boiler house and garage.
Owner—J. R. Kaelin.
Architect—R. Vane Woods, 505 17th St. Oakland.
Contractor—H. J. Christensen, 505 17th St., Oakland.

Contractors Taking Sub-Figures.
BOILER HOUSE Cost $56,122
OAKLAND, SW 23rd Ave. & Boehmer Street.
One-story and mez. brick laundry and 1-story boiler house and garage.
Owner—J. R. Kaelin.
Lessee—Snow-White Laundry Co.
Architect—R. Vane Woods, 505 17th St. Oakland.
Contractor—H. J. Christensen, 505 17th St., Oakland.
Steel awarded to Judson Iron Works... **Brick work** to S. McPherson.

Sub-Figures Being Taken.
SERVICE BLDG. Cost, $70,000
SAN FRANCISCO, E Guerrero 130 N 16th St.
One-story concrete service building.
Owner — National Ice Cream Co., 366 Guerrero St., S. F.
Engineer — Albert J. Mazurette, 366 Guerrero St., S. F.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Sub-figures are being tanen for the steel sash, glass and roofing.
Steel awarded to Ralston Iron Works.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. SF
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO, CALIF.
PHONE SUTTER 5907

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 80 OFFICE 400 B ST., SAN RAFAEL

Bids Under Advisement.
WAREHOUSE Cost—
SAN FRANCISCO, 9th and Brannan Sts. concrete warehouse 180x100.
Owner—Standard Sanitary Mfg. Co.
Architect—Weeks and Day, 315 Montgomery St., San Francisco.
The following firms submitted bids which have been taken under advisement and sent to the home office:
Lindgren Co., Standard Oil Bldg., S. F.
Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
Cahill Bros., 110 Sutter St., S. F.
Geo. Wagner, 251 Kearny St., S. F.
R. McLeran Co., Hearst Bldg., S. F.

Plans Being Prepared.
LOFT BLDG. Cost, $50,000
SAN FRANCISCO, W Fremont St. N Harrison St., 42x97-6.
Three-story and basement concrete loft building.
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Figures To Be Taken Shortly.
OFFICE & FACTORY $10,000
SAN FRANCISCO, Folsom St.
One-story, basement and mez. floor reinforced concrete office & factory.
Owner—F. Wilbert.
Lessees—Canedy-Otto Mfg. Co. 950 Folsom St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Plans Being Prepared.
LOFT BLDG. Cost—
SAN FRANCISCO, E 12th St., bet. Howard and Folsom Sts.
Two or 3-sto and basement reinforced reinforced concrete loft bldg.
Owner—Louis R. Lurie, 315 Montgomery St., S. F.
Architect—O'Brien Bros., 315 Montgomery St., S. F.

Plans Being Prepared.
LOFT BLDG. Cost, $65,000
SAN FRANCISCO, E Fremont St. 206 S Folsom St.
Three-story and basement reinforced concrete loft bldg. 47x137.
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., 318 Montgomery St., San Francisco.

Bids Being Taken For General Contract
FOUNDRY Cost, $70,000
SAN FRANCISCO, Spear and Folsom Streets.
One-story steel, concrete and corrugated iron foundry 137x275.
Owner—Great Western Smelting & Refining Co., 75 Folsom St., S. F.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Bids for the steel are under advisement.

Contracts Awarded.
LAUNDRY Cost, $——
SAN FRANCISCO, Van Ness Ave. and Filbert St. (St. Elizabeth's Infant Shelter).
Two-story Class C laundry building.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
General Contract to Fennell & Chisholm, 180 Jesie St., San Francisco, $14,898.
Heating to Scott Co., 243 Minna St.
Electrical Work to Hampton Elec. Co., 525 Howard St., $1600.

LOS ANGELES, Cal.—Llewellyn Iron Works has been awarded the contract for furnishing and erecting the struc. steel work for a 4-story and basement class A loft bldg. on 7th St., bet. Hope and Flower Sts., for the Martz estate. The bldg. is designed for 10 stories. John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., archts.

ORLAND, Glenn Co., Cal. C. N. Bostrom, Orland, has been awarded contract to erect packing plant by the Almond Growers' Association. Structure will be 50 by 60 ft. of galvanized iron and frame constructon with concrete foundation and floor.

LOS ANGELES, Cal.—Lavery Constr. Co., 543 Bradbury Bldg., has the contr. to erect a 1-story and part 2-story factory bldg. on Long Beach Ave., near 18th St. for the Coast Oilfields Supply Co. Brick, 80x150 ft., press. brick front, cem. fls., steel sash, comp. rfg., plate and wire glass, struc. steel; $35,000.

VERNON, L. A. Co., Cal.—Gutleben Bros., 609 I. W. Hellman Bldg., have the contract to erect a warehouse and office bldg. at Vernon for the U. S. Steel Products Co. The warehouse will be 300x400 ft., steel frame and corr. iron constr. The office bldg. will be 1-sto., 50x100 ft., brick constr.

SAN JOSE, Santa Clara Co., Cal. — E. E. Weldon, 115 North 33rd St., San Jose, at $734 awarded contract by county supervisors to erect county equipment building at corporation yard in town of Mt. View, Sup. Dist. No. 5. Other bids: Loomant Brimhall, $977; R. I. Meyerholz, $1096; McComb and Lomax, $1037; R. O. Summers, $958.

SANTA ROSA, Sonoma Co., Cal. — L. A. Bridinger, Santa Rosa, announces the Braelef Goat Milk Co. has been organized with a capital stock of $500,000 and plans to start construction on a milk condensary in Santa Rosa early this year.

LOS ANGELES, Cal.—Archt. W. J. Saunders, 227 Laughlin Bldg., is preparing revised plans for a 4-story addition to a warehouse on Traction Ave. near Santa Fe Ave. for California Warehouse Co. Dimensions, 75x100 ft., reinf. conc. frame and fls., brick filler walls, brick or stucco front, comp. rfg., steel sash, steel rolling doors, elevator. New bids will be taken.

LOS ANGELES, Cal.—Robert E. Millsap, 423 Marsh-Strong Bldg., has been awarded contract at $128,475 for erecting a 4-story class A loft bldg. at s.e. corner of 15th St. and Los Angeles St., for the L. A. Rubber Stamp Co. Walker & Eisen, 325 Pac. Finance Bldg., archts. It will be 50-150 ft., reinf. conc. frame and fls., brick filler walls, plas. exter., steel sash, elevator, etc.
(45898) 1st report April 10; 3rd June 25, 1923. 4

LOS ANGELES, Cal.—Archts. Noerenberg & Johnson, 401 L. A. Ry. Bldg., are completing plans for a 4-story class A store and loft bldg., to be erected at n.w. cor. 9th and San Pedro Sts., for the Wayside Press. A. M. Dunn, pres. It will have 10 stores on first fl., with lofts above and will be of reinf. conc. constr., 170x135 ft., 4-story, plas. exter., comp. rfg., conc. and hardw. fls., plate glass, metal store fronts, 2 elec. elevators, steel sash, ornam. iron, metal skylights. L. A. Bldg. & Constr. Co., 312 Marsh-Strong Bldg., have the contract.

FLATS

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, E Clayton 125 S Fulton.
Two-story & basement frame (2) flats
Owner—Patrick Sullivan, 1522 Waller St., San Francisco.
Contractor—Thos. McCormick, 73 Hill St., San Francisco.

To Be Done By Day's Work.
FLAT BLDGS. Cost, $9000 ea
OAKLAND, 2688-90-94-96 2700 & 2702 Harrison St.
Three 2-story frame flat bldgs. 10 rms. each.
Owner—A. H. Nunemacker, 792 19th Av.

Segregated Figures Being Taken.
FLATS Cost, $18,000
SAN FRANCISCO, 2297 Franklin St.
Two-story and basement frame flat bldg. (2 flats and garage)
Owner—Estate of Bertha Cadig, Union Trust Co., Trustee.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Bids will be opened about Sept. 12th.

ARCHITECTS AND BUILDERS

In drawing up plans and specifications for modern homes of today, are realizing that to be modern electrically a home must have a wiring installation so complete and of such a capacity as to take care of all uses of electricity. These uses will include an electric range, water heater, air heaters, washing machine, ironer, dryer and other household appliances.

Pacific Gas and Electric Company

P. G. and E.

"Pacific Service" 195-923

To Be Done By Day's Work.
FLATS Cost, $14,000
OAKLAND, 881 York St.
Two-story 16-room frame flats.
Owner—E. W. West, 4026 Brighton Ave., Oakland.

GARAGES

Contract Awarded.
GARAGE Cost, $75,000
SAN FRANCISCO, S Ellis 137-6 W Mason.
Two-story and basement reinforced concrete garage (designed for 4 additional stories).
Owner—W. M. Schlaes, 110 Sutter St., San Francisco.
Engineer—L. H. Nishkian, Monadnock Bldg., San Francisco.
Contractor—Cahill Bros., 110 Sutter St. San Francisco.

SAN FRANCISCO—See Banks, Stores and Offices," this issue.

RICHMOND, Contra Costa Co., Cal—Bert Merritt, 30 9th St., Richmond, is having plans prepared for a one-story brick and tile garage to be erected at the northwest corner of Tenth and Chanslor streets. Building will cover an area of 112 by 52 ft.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until Oct. 15, 11 a. m., bids will be rec. by U. S. Engineer Office, Customhouse, to construct breakwater at Hilo Harbor, T. H. Further information on application.

SAN FRANCISCO—American Dredging Co., 255 California St., San Francisco, at 23.2c cu. yd. submits low bid to U. S. Engineer Office, Customhouse, for dredging in Oakland harbor. San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, only other bidder at 25.8c cu. yd.

SAN PEDRO, Cal.—Palmer Bros., San Diego, at $7875, time for completion 60 days, awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., for removal and relocation of Russell Hall under Specification No. 4903.

SAN DIEGO, Cal.—Globe Electric Works, 6th and K Sts., San Diego, at $3590, time for completion, 75 days, awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., for electrical installation at San Diego, under Specification No. 4821.

WASHINGTON, D. C.—Until Sept. 20, 10:30 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 1555, for fur. and del. Balboa (Pacific Port), following materials: steel, motor cycles, fire engine, electric motor, electric hoists, chain, rivets, nuts, files, pipe and fittings, pig tin, lead washers, babbitt, thermit, sand, bricks, caskets, steel cabinets, asphalt roofing, tires, hose, valves, cocks, drills, wrenches, snatch blocks, grease cups, brooms, brushes, mops, rakes, machetes and lumber. Further information regarding this Circular may be obtained from Assistant Purchasing Agent at Fort Mason, San Francisco.

SEATTLE, Wash.—Until Sept. 17, 11 A. M., bids will be rec. by Alaskan Engineering Commission, Bell Street Terminal, Seattle, for fur. and del. under Circular No. 621: Welding Vise, Monarch Brake Beams, Drill Chucks, Packing Metal, Switch Points, Frogs, Switch Lay-outs, Guard Rails, Stateroom Door Locks and Sash Bolts and Repair Parts for Buda Jacks, Norton Jacks and Sweetland Chucks. Further information regarding this circular obtainable from San Francisco offices of Commission, 305 Custamhouse.

ABERDEEN, Wash.—Edwin C. Cramer, Seattle, Wn., at $6875 submits low bid to Supervising Architect, Treasury Department, Washington, D. C., to waterproof exterior walls, etc., at U. S. postoffice at Aberdeen, Wash.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, for fur. and del. supplies to Navy Yards under the following schedules: (date for opening bids as noted at end of each paragraph:
Schedule 1239, for Mare Island, 50,000 lbs. cotton rags, Sept. 18.
Sched. 1242, for Puget Sound, 800 gals asphaltum varnish, Sept. 18.
Sched. 1243, for Puget Sound, 1000 lbs. artificial vermillion and 1000 lbs. of lampblack in oil, Sept. 18.
Sched. 1244, for Mare Island, 50,000 lbs. zinc oxide, Sept. 11.
Sched. 1245, for various eastern and western yards, miscellaneous quantity of tube expanders, Sept. 11.
Schedule 1246, for Mare Island, 200 tons pig iron, Sept. 11.
Sched. 1251, for Mare Island, 7000 gals. petroleum spirits, Sept. 18.
Sched. 1255, for Norfolk and Mare Island, 51,850 paint cans, Sept. 11.
Sched. 1258, for Norfolk and Mare Island, 15,352 sq. ft. asbestos millboard. Sept. 18.
Sched. 1259, for Mare Island, 200 fire extinguishers; and 500 fire extinguisher charges, Sept. 18.
Sched. 1266, for eastern and western yards, 440 boiler tube brushes, Sept. 25.
Sched. 1274, for eastern and western yards, 44,800 lbs. acetone, Sept. 25.
Sched. 1276, for Mare Island, 25,000 ft. lighting and power wire, Sept. 25.
Sched. 1277, for Puget Sound, 1 electric iron, Sept. 25.

PEARL HARBOR, T. H. — Howard W. Laws, Honolulu, T. H., at $4795, time for completion 60 days, awarded contract by Bureau of Yards & Doiks, Navy Department, Washington, D. C., for reroofing buildings at Pearl Harbor, T. H., under Specification No. 4882.

SAN DIEGO, Cal.—Robert E. McKee, 1918 Texas St., El Paso, Texas, at $206,194, time for completion 200 days, awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., to erect barracks and wiring mess hall at San Diego, under Specification No. 4843

WASHINGTON, D. C. — Until Sept. 13, 10:30 a. m., bids will be rec. by Purchasing Officer, The Panama Canal, under Circular No. 15556, for fur. and del. Balboa (Pacific Port): corrugated asbestos roofing. Further information regarding this circular may be obtained from Assistant Purchasing Agent, Fort Mason, San Francisco.

HALLS AND SOCIETY BUILDINGS

Permit Applied For.
CLUB HOUSE Cost, $10,000
OAKLAND, Municipal Golf Links.
One-story club house.
Owner—City of Oakland.
Contractor—John J. Manseau, 1949 E-27th St., Oakland.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

Two Lowest Bidders.
CLUB BLDG. Cost, $12,000
LINCOLN, Placer Co., Cal
One-story hollow tile club building.
Owner—Women's Club.
Architect—Dean & Dean, City Library Bldg., Sacramento.
Tile, etc., to be furnished by Gladding-McBean Co
Wm. Murcell, Ochsner Bldg., Sacramento, $11,860.
Holden Constr. Co., Sacramento, $13,034.

Plans Being Figured—Bids Close Sept. 15, 1923
LODGE & STORE Cost, $30,000
DINUBA, Tulare Co., Cal.
Two-story tile and brick lodge and store building.
Owner—Fraternal Assn.
Architectural Designers — Friend & Kimzey, U. S. Bank Bldg., Dinuba.

Low Bidders.
DANCE PAVILION Cost, $——
OAKLAND, Alameda Co., Cal. Broadway near Nineteenth St.
Two-story and basement Class B reinforced concrete store and dance pavilion.
Owner—J. F. Hessler.
Architect — Schirmer-Bugbee & Co., Thayer Bldg., Oakland.
Part basement—Barrett & Hilp, 918 Harrison St., S. F., $93,624.
Full basement—R. W. Littlefield, 357 12th St., Oakland, $94,877.
An award will be made shortly.

LOS ANGELES, Cal.—Archts. John C. Austin, 1125 Detwiler Bldg., and A. M. Edelman, H. W. Hellman Bldg., assoc. G. Albert Lansburgh, consulting archt., are preparing revised plans for the Shrine auditorium bldg. to be erected at Jefferson and Royal Sts. The constr. will be changed from steel frame to reinf. conc. The Scofield Engr-Constr. Co. has a tentative contract to erect the bldg. if a suitable structure can be designed and constructed for $1,500,000.

ANAHEIM, Orange Co., Cal. — Archts Jeffery & Schaefer, 1106 Kerckhoff Bldg., have completed plans for a 3-story and lodge bldg., to be erected at Anaheim, for the Knights of Pythias Lodge. It will be 60x140 ft. with stores in first fl., lodge rooms in second story, and club rooms in third fl. Brick constr. conc. basement, press. brick and terra cotta exter., plate glass, gum trim, maple flrs., steam htg. system, mech. ventilating system; $80,000. Bids will be taken next week.

HANFORD, Kings Co., Cal.—Archts. Coates & Travers, Fresno, have completed plans for the new clubhouse of the King's County Country Club. The bldg. will be erected 6 mi. n.w. of Hanford and will be of English style architecture; 1-story and basement; 42x60 ft.; shingle rfs. and exter. walls, brick and rough stone chimney; cem. walks, club rms., 30x50 ft., dining rm., kitchen, ladies' annex; dressing rm. The bldg. will cost probably $7500. The directors are: Leslie S. Smith, Ora T. Clow, Roy R. Cunningham, George C. Aydelott, Dr. A. G. Bower, S. E. Railsback and P. W. Byrd.

HOSPITALS

STOCKTON, Cal.—See Public Building" this issue.

SAN JOSE, Santa Clara Co., Cal.—Bids for fur. and install furniture, etc., in new east wing of Santa Clara county hospital were received by county supervisors from the following: Travers Surgical Co., Robinson & Son, C. F. Weber & Co., Burns Mattress Co., L. Hart & Son Co., L. Lion & Sons Co., Reid Bros. Awards were made as follows:
Reid Bros., beds at $27.50 each; 100 bed tables at $15.33 each; 200 pillows at $1.44 each; two wheel stretchers at $56 each; two nurses' desks at $87.50; six invalid chairs at $42.50 each, and six invalid chairs at $45.00 each.
Robinson Furniture Co., Vienna chairs at $4.75.
Lion & Sons Co.: Linoleum at $2.45 a yard
Bids for mattresses, shades and morgue table were rejected. Henry A. Pfister is clerk of the Bd. of Supervisors.

PALO ALTO, Santa Clara Co., Cal.—Addition of a new wing to the Palo Alto hospital is being planned by the Palo Alto Medical Society.

Dr. T. M. Williams was elected president of the medical society; Dr. Jerome Thomas, vice president; Dr. Harvey M. Slater, secretary-treasurer.

STOCKTON, San Joaquin Co., Cal.—See "Miscellaneous Building Construction," this issue. Incinerator bids wanted.

STOCKTON, San Joaquin Co., Cal. — Architect Ralph P. Morrell, 41 S Sutter St., Stockton, commissioned by county supervisors to prepare plans for new water tank and tower at county hospital.

SAN DIEGO, Cal.—Kier Constr. Co., 502 Amer. Natl. Bank Bldg., San Diego, was awarded cont. at approx. $650,000 for erecting the first unit of the new St. Joseph's hospital at the end of 5th St. and Hillcrest Dr. Work has started. The bldg. will be of fireproof constr., 7-story, accommodating 200 beds. Addition of 125-ft. wings, which have been designed, will call for an additional $400,000. The complete plant calls for new convent, nurses' home, chapel, power house and laundry, with a total cost of $1,500,000. J. B. Loveless, San Diego, archt. Structure will be of class A reinf. conc. constr., with tile filler walls, mission style, 6-story, 260 ft. long, 44 ft. wide, with proposed wings, 100x42 ft. each, to be built later. It will accommodate 168 beds, and will have completely equipped operating, X-ray, obsetrical, sterilizing, and other depts. of modern hospital. Intercommunicating phone system, vacuum cleaning apparatus, elevators, refrigerating and ice-making plant, ets. Latest scientific instruments and equipment will be used throughout. John J. Cantwell Higgins Bldg., Los Angeles, presiding bishop and titular head of the hospital.

HOTELS

Contract Awarded on Percentage Basis
HOTEL Cost, $500,000
MONTEREY, Monterey Co., Cal.
Three and five-story reinforced concrete hotel (about 200 rooms).
Owner—Romie Jacks, Monterey, Cal.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—F. L. Hansen, 251 Kearny St., San Francisco.

SAN MATEO, Cal.—See "Theatres," this issue.

REDLANDS, San Bernardino Co., Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., has been commissioned to prepare plans for a 4-story apartment and hotel bldg., to be erected at Redlands, for the California Real Estate & Finance Corp., O. A. Brown, pres., Security Bldg. It will contain 100 rms., divided into single apts. and 50 hotel rms. each with bath, large lobby, kitchen, dining rm. and ball rm.; brick walls, 150x150 ft., press. brick facing, compl. rfg., tiled baths and drainbds., ornam. iron, steam htg. sys., 2 elec. elevators, refrigerating sys., hardw. O. P. and marble fls., wall beds, O. P. and hardw. trim, basement, plate glass, patio, metal lath, pent houses; $300,000. Mr. Brown will take bids from his office soon.

SANTA MONICA, Los Angeles County, Calif.—Gutleben Bros., 609 I. W. Hellman Bldg., have the contract to erect a class A hotel bldg., at Santa Monica for Miramar Hotel Co., Wm. W. Ache 1616 Fourth Ave., archt. It will contain 72 apts; 4-sto., 286x80 ft., reinf. concr. frame and floors, hollow tile filler walls, press. brick and terra cotta extr., tile and comp. rfg., hardwd. and pine trim, steam htg., elevator, wall beds, tiled baths; $300,000.

SAN FERNANDO, L. A. Co., Cal. — W. E. Chadwick, 723 Union League Bldg., has completed plans for a 3-sto. brick hotel bldg., to be erected at San Fernando, for A. Korn; will contain 65 rms. with lobby. Brick walls, 40x90 ft., 3-story and part basement, comp. rfg., tile and comp. baths, steam htg. system, hardwd. and O. P. fls., plate glass, press. brick facing, water htr., O. P. trim; $60,000.

LOS ANGELES, Cal.—Archts. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., are preparing plans for a 3-story brick class C store and hotel bldg. to be erected at n.e. cor. of 9th and Flower Sts., for Emil Oleovich Co. Dimensions, 65x157 ft., stores in the first story, 86 hotel rms. in the upper stories; brick walls, press. brick and terra cotta facing, plate glass comp. rfg., metal skylights, pine trim, tiled baths, water htr., gas htg.

LOS ANGELES, Cal.—Archt. G. S. Underwood, 609 I. W. Hellman Bldg., L. A., has been commissioned to prebidgs. to be erected in Zion Canyon National Park by the Union Pacific Railway Co. Three of the hotels will be located in Cedar City, Cedar Brake and Millford, Utah. A total of six hotels is contemplated and the other locations will be determined shortly. The railway Co. has appropriated the sum of $3,500,000 for the construction of the bldgs.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., has been commissioned to prepare plans for a 12-story class A hotel, to be erected at cor. Bixel and Ingraham Sts., for Mrs. H. Foote and J. Foote; it will contain 252 rms., 100 per cent baths, dining room, ball and card rooms, kitchen, large lobby, and several small shops. Reinf. conc. constr., 60x128 ft., press. brick and terra cotta facing, comp. rfg., tiled baths, steam htg. system, 2 elec. passenger elevators and 1 elec. freight elevator, vacuum cleaning system, refrigerating plant, plate glass, marble and tile fls. and wainscot, mez. fl., ornam. iron work, metal lath, O. P. and hardw. trim, ornam. plas., mech. water to each room, metal skylights, incinerator, hardwd. and O. P. fls; cost $800,000.

POWER PLANTS

Grading and Bulkhead Cont. Awarded.
POWER PLANT Cost, $250,000
SAN FRANCISCO, Stevenson St., between 5th and 6th Sts.
Steel frame and reinforced concrete building for steam plant, 70x100 (Station "T")
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Engineering Dept. of owner.
As reported before, the steel has been awarded to the Brode Iron Works.
Excavating, erection of bulkheads, shoring and barracades awarded to P. Montague, 180 Jessie St., S. F., $10,734.

MODESTO, Stanislaus Co., Cal.—Bids rec. Aug. 30 by Modesto Irrigation District for fur. and del. transformers and meters under a 12-month contract have been taken under advisement. Bids were submitted by: Cohlman Electric Co., G. E. Co., Allias Electric Co., Maloney Electric Co., Sangana Electric Co., Electric Appliance Co., Duncan Electric Co., Wagner Electric Co., and Westinghouse Electric Co. Prices were submitted on all types and based upon various discounts, etc.
C. S. Abbott is Secretary of district.

Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

MODESTO, Stanislaus Co., Cal.—General Electric Co. awarded contract by Modesto Irrigation District for furnishing transformers and meters required by the district for the next 12 months.

CARMICHAEL, Sacramento Co., Cal.—Election will be held Sept. 24 in Carmichael Irrigation District to vote the question of forming a public utility district to distribute electricity for those within the district's limits.

PUBLIC BUILDINGS

Contract Awarded.
CITY HALL. Cost, $29,490
SUSANVILLE, Lassen Co., Cal.
Two-story hollow tile and brick or concrete City Hall.
Owner—Town of Susanville.
Architect—F. J. De Longchamps, Gazette Bldg., Reno, Nevada.
Contractor—Woodward & Grebe, Susanville, Calif.

SACRAMENTO, Cal.—Architects Jens C. Petersen, Woollett and Lamb and Weeks and Day, Sacramento architects and John J. Donovan Oakland, architect, have filed application with the City Commissioners seeking a commission to prepare plans and supervise construction of the proposed municipal auditorium for which bonds of $750,000 were recently voted. No action will be taken by the Commission until a definite plan for the structure has been outlined. H. G. Denton is city clerk.

ORANGE, Orange Co., Cal. — Archt. Frank K. Benchley, Benchley Bldg., Fullerton, is preparing plans for a 3-story reinf. conc. jail bldg. for Orange. Est. cost $200,000. There will be accommodations for 350. The 80 cells, each with a capacity of 3, will face the inside court. In addition, there will be a tank and several solitary cells. There will be offices, vaults, boys, women's and men's depts.; also quarters for the matron and her assistants. It is expected to get work started by Oct. 15.

SANTA ANA, Orange Co., Cal. — All bids for the construction of the first unit of the new county detention home, estimated to cost bet. $35,000 and $40,000 were rejected by the board of supervisors. The complete unit including heating was to have cost about $48,000. Plans will be revised and new bids will be called for. Frederick H. Eley, Santa Ana, archt. The proposed unit will have 24 rooms and dormitory, and be of steel and conc. construction.

STOCKTON, San Joaquin Co., Cal.—The following bids were received on September 4th, by the Board of Supervisors of San Joaquin County for the construction of a two-story class "B" Old Peoples Home building to be erected on the County Hospital site in Stockton. Plans were prepared by Architect Ralph P. Morrell, 41 South Sutter street, Stockton. Bids were taken under advisement.
Frank Tucker, 321 North Sierra Nevada St., Stockton (1) $154,879; (2) $162,879, (3) $2300, (4) $11,000, (5) $9278, (6) $11,975.
J. F. Shepherd, Stockton, (1) $159,768 (2) $—, (3) $1300, (4) $11,000, (5) $9433, (6) $16,000.
Chas. Mabrey, Sacramento, (1) $159,734 (2) $160,813, (3) $1058, (4) $10,500, (5) $8990, (6) $6898.
H. Vickroy, Stockton, (1) $161,125, (2) $—, (3, 4, 5, 6) $—.
Howard S. Williams, San Francisco (1) $166,185, (2) $—, (3) $1800, (4) $10,500, (5) $9100, (6) $7200.
Reilly & Nemetz, San Francisco, (1) $166,420, (2) $—, (3) $4400, (4) $11,000, (5) $8898, (6) $11,500.
Peters Constr. Co., San Francisco, (1) $166,900, (2) $168,000, (3) $—, (4) $—, (5) $9500, (6) $11,995.
Herndon and Finnigan, Sacramento (1) $164,590, (2) $—, (3) $5831, (4) $8609, (5) $—, (6) $—.
H. H. Henning, Stockton, (1) $168,400; (2) $170,000, (3) $5000, (4) $11,000, (5) $9300, (6) $—.
Hannah Bros., San Francisco, (1) $176,772, (2) $174,812, (3) $1462, (4) $9800, (5) $8993, (6) $11,975.
Egan Constr Co., bid received too late: (1) $154,500, (2) $154,500, (3) $5000, (4) $11,427, (5) $9433, (5) $—.

LODI, San Joaquin Co., Cal.—City trustees petitioned to call election to vote bonds to finance construction of municipal auditorium, J. F. Blakeley, city clerk.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 1, bids will be rec. by County Supervisors to construct new roof at juvenile detention home. Plans on file in office of county clerk.

SAN FRANCISCO—Architects Frederick H. Meyer and Albin R. Johnson, 742 Market St., commissioned by Board of Public Works to prepare plans for the drill tower, structures and fire engine house to be erected in Division street between 10th and 11th streets.

RESIDENCES

Plans Completed.
RESIDENCE Cost, $12,000
STOCKTON, San Joaquin Co., Cal., 2130 N Commerce St.
Frame residence.
Owner—Peter L. Sala.
Architect—Peter L. Sala, Wilhoit Bldg., Stockton.

Completing Plans—Ready For Figures in About a Week.
RESIDENCE Cost $—
SAN FRANCISCO, Portola Drive near Santa Clara Ave.
Two-story frame and stucco residence and garage.
Owner—Wm. Saunders.
Architect—Henry H. Gutterson 278 Post St., San Francisco.

To Be Done By Day's Work.
DWELLINGS Cost, $2600 ea
OAKLAND, 2716-20-24-28-32-36-40-44-48-50 78th Ave.
Ten 1-story 4-room dwellings.
Owner—K. A. Johanson, 2429 13th Ave., Oakland.

Contract Awarded.
RESIDENCES Cost, $10,000 ea
SAN FRANCISCO, N Lunada Way S Lunada Court, etc.
Six 2-story and basement frame residences.
Owner — Urban Realty Imp. Co., 39 Montgomery St., S. F.
Architect—H. H. Gutterson, 39 Montgomery St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Cal.
Two-story frame and plaster residence.
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $14,591
LOS GATOS, Santa Clara Co., Cal. Lot 9 Auzerais Sub.
One-story frame residence (all work except lighting fixtures, shades and finish hardware).
Owner—John Arenz, 3312 Mission St., San Francisco.
Architect—W H Crim Jr., 425 Kearny St., San Francisco.
Contractor — Adolph Hennings, 2912 Army St., San Francisco.

MODESTO, Stanislaus Co., Cal.—G. M. Smith, Modesto, at $1504 awarded contract by supervisors to construct bridge tender's house at Basso Ferry.

Contract Awarded.
RESIDENCE Cost, $27,006
SAN MATEO, San Mateo Co., Cal. Lot 4 Blk "H", El Cerrito Park Map No. 3.
Two-story frame and stucco residence.
Owner—Harry T. Blackwood, 3746 Jackson St., San Francisco.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Lawton & Yezey, 357 12th St., Oakland.

FRESNO, Fresno Co., Cal.—J. A. Manning, Mattei Bldg., Fresno, builder and contractor, is having plans prepared for fifty new homes he will erect at University and Glenn avenues, at a cost of $250,000. Structures will be one and two-story in height, some of the English type, the majority to have stucco exteriors.

SCHOOLS

Bids Rejected—New Bids to be Opened
SCHOOL Cost, $55,000
NEEDLES, San Bernardino Co., Cal.
One-story reinforced concrete school (6 rooms and an auditorium.)
Owner—Needles Grammar School Dist., (Ben Harrison, Clerk).
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Slight changes will be made in the plans.
Plans may be obtained from the architect's office.
Bids are being taken for a general contract with separate bids for the heating.

Plans Being Prepared.
SCHOOL Cost, $100,000
SANTA CLARA, Santa Clara Co., Cal. Saint Clare's School.
Parochial School.
Owner—Roman Catholic Archbishop.
Architect—John J. Donovan, 1916 Broadway, Oakland.
The first unit will contain 3 or 4 rooms and will cost approximately $25,000.

Plans Being Figured—Bids Close Sept. 27, 1923, 1:30 p. m.
MANUAL TRAINING BLDG. $30,000
WOODLAND, Yolo Co., Cal.
One-story reinforced concrete manual training bldg. 200 ft. long.
Owner—Woodland High School District
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Plans may be obtained from the architect's office.

Construction Started.
GYMNASIUM Cost, $115,000
SANTA CLARA CO., University grounds
One-story brick and steel gymnasium.
Owner—Santa Clara University.
Architect—John J. Donovan, 1916 Bdwy Oakland.
Contractor—H. C. Miller, premises.

SAN FRANCISCO—George H. Trask 39 Natoma St., at $1291.32 awarded cont by Board of Public Works to fur. and install metal lockers in Horace Mann school.

Ready for Figures in About Ten Days
SCHOOL BLDG. Cost, $375,000
SANTA ROSA, Sonoma Co., Cal.
Reinforced concrete and brick high school buildings (Main building, auditorium and gymnasium).
Owner—Santa Rosa High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Sub-Figures To Be Taken Shortly.
HALL BLDG. Cost, $200,000
SANTA CLARA, Cal. University ground
Three-story reinforced concrete Junior Hall bldg. (Robert E. Kenna Hall)
Owner—Santa Clara University.
Architect—John J. Donovan, 1916 Bdwy Oakland.
Contractor—H. C. Miller, premises.

FILLMORE, Ventura Co., Cal.—Archt Norman F. Marsh, 211 Bdwy. Central Bldg., is preparing plans for a new senior high school bldg. and gymnasium to be erected at Fillmore, Ventura county. The main bldg. will contain administration offices, classrooms, domestic science dept. and an auditorium to seat 800 people. Two-story, hollow tile or conc. constr., plas. exter., comp. slate rfg., pine trim, maple and pine fls., gas htg. Bonds in the sum of $200,000 have been voted and sold.

STOCKTON, San Joaquin Co., Cal.—Until Sept. 28, 8 p. m., bids will be rec. by Mrs. D. O. Castle, clerk, Castle Grammar School District, to erect a 1-story 2-room brick and tile grammar school. Estimated cost $16,000. Davis-Hellar-Pearce Co., Delta Bldg., Stockton, architects and engineers. **See call for bids under official proposal section in this issue.**

FORT INDEPENDENCE, Inyo Co., Cal.—Cornell and Milovich, Big Pine, Calif., at $3000 awarded cont. by Milton Elementary School District to erect one room concrete school. Skinner Bros., Lone Pine, also bid $3000.

REDWOOD CITY, San Mateo Co., Cal.—See "Parks and Playgrounds," this issue. Bids wanted for fencing and tennis court.

SONORA, Tuolumne Co., Cal.—Until Sept. 8, bids will be rec. by Chas. H. Segerstrom, clerk, Sonora Union High School District, to remove from gymnasium grounds approx. 680 cu. yds. earth and material; remove approx. 10 cu. yds. earth near sidewalks and approx. 40 cu. yds. rock wall building foundation. Work is required to raise surface of ground to confirm with adjoining school lawn. Plans by Robt. Thom, county surveyor of Tuolumne county. Plans on file in First National Bank at Sonora.

SONORA, Tuolumne Co., Cal.—Until Sept. 8, bids will be rec. by Chas. H. Segerstrom, clerk, Sonora Union High School District, for fur. and installing:
124 steel lockers, 15x15x42-in., double tier wall type;
124 steel lockers, 15x15x15-in. four tier wall type.
All above with louvred doors; numbered; green enamel, baked; flat tops; legs extending above floor; combination locks; average grouping. All to be installed in gymnasium building. Further information obtainable from clerk of district at Sonora.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

SAN FRANCISCO—Board of Public Works rejects bid of Mahoney Bros. for fur. and install. shooting gallery equipment in Mission high school.

SANTA BARBARA, Cal.—Until 2 p. m., Sept. 27, bids will be received by Santa Barbara high school trustees for special school furniture and fixtures for the new Santa Barbara high school bldg. Plans by Archts. Roland E. Sauter, E. Keith Lockard, and W. H. Weeks. Plans on file at the office of Sauter and Lockard, 338 Marcos Bldg., Santa Barbara, and in the office of W. H. Weeks, 369 Pine St., San Francisco. Cert. check or bond 5% Deposit of $25 for plans. E. Carlotta Dengate, clerk.

LOS ANGELES—Until 9 a. m., Sept. 19, bids will be received by the Los Angeles Board of Education for erecting a new school bldg. at Lankershim school site. H. M. Patterson, archt., $84,000. Separate bids on general work, plumbing, wiring, heating and painting. Plans and spec. may be obtained at secretary's office, 730 Security Bldg.

LOS ANGELES, Cal. — Wm. Stacko 1710 W Adams St., was low bidder at $67,000 on bid No. 1 and at $51,000 on bid No. 2 on the general contract for erecting a new bldg. at Malabar St. school site. Harwood Hewitt, archt. Low bidders on other contracts were: Hammel Radiator Corp. on gas htg. at $543; H. H. Walker on wiring at $2016; and H. H. Mann on painting at $2438 and $2038. W. H. Robinson was only bidder on plumbing at $4440 and $4190.

LOS ANGELES, Cal.—Wm. Stacko, 1710 W Adams St., was low bidder at $45,000 on the general contract for erecting an addition to the Los Feliz school bldg. Low bidders on the other contracts were: Wickens and Emple on painting at $960; J. Hokom on heating at $5641; H. H. Walker on wiring at $1200; and G. C. Sutton on plumbing at $4165.

NAPA, Napa Co., Cal.—Following contracts have been awarded by the Napa Union Union High School District for work in New High School, plans for which were prepared by Architect W. H. Weeks, 369 Pine St., San Francisco:

Const. cement walks and macadamized roadways to Basalt Rock Co., Napa, $4,145.15.

Paper towel holders and lavatory fixtures to Sampson-Rossi Co. at $133.43

Lavatories for science departments to University Apparatus Co., as follows: Physics, $115.46; biology, $121.67; chemistry, $174,48; chemistry apparatus, $198.94. Other bids for this work were: Braun-Knecht-Heiman Co. and Justinian Caire Co.

LOS ANGELES, Cal. — Los Angeles Planing Mill Co., 1812 Industrial St., has been awarded the gen. contr. for erecting a new school bldg. at n.w. cor. of Adams and Flower Sts., for St. Vincent's School. Albert C. Martin, Higgins Bldg., archt. Other contracts were let as follows: Plumbing to J. Hokom; heating to Chas. Arndt; steel work to Baker Iron Works and wiring to Geo. L. Patterson. Total cost, $135,000. The bldg. will be 2-story 99x113 ft., brick walls, plas. exter., clay tile rfg., pine trim.

WATTS, Los Angeles Co., Cal.—Ralph E. Homann Co., 3720 So. Park Ave., has been awarded a contract at about $40,000 for all work complete for erecting a school building at Watts for the Capuchin Fathers. Webber, Staunton & Spaulding, 1017 Hibernian Bldg., are the architects. The building will be 2-story, 108x125 ft., hollow concrete walls, tile roofing, pine trim and floors, gas heating. It will contain 8 classrooms.

LOS ANGELES, Cal.—Until 9 a. m., Sept. 19, bids will be received by the board of education for the following school work:

For erecting a new school bldg. at Sawtelle school site, 4th St. and Nebraska Ave., Sawtelle; $84,000. Separate bids for general work, plumbing, heating, wiring and painting.

For erecting a new school bldg. at 59th St. school site, 59th St. and Second Ave.; $84,000. Separate bids for general contract, plumbing, heating, wiring and painting.

Plans and spec. for above work may be obtained at the secy's office, 730 Security Bldg

SANTA BARBARA, Santa Barbara Co., Cal.—D. R. Wagner, San Francisco, submitted low bid to Board of Education Aug. 30 for general contr. constructing the Franklin and Roosevelt grammar schools. His bid on the Franklin school was $119,490, adding $27,980 if assembly room wing is added. On the Roosevelt school his bid was $133,842. Other general bids were: Franklin—J. Y. Parker, Santa Barbara $121,913 and add $26,415 for assembly room; J. P. Sullivan, Santa Barbara, $125,995 and add $26,200 for assembly room, Roosevelt—J. Y. Parker, $137,-913; J. P. Sullivan, $144,679. Low bids on other contracts were: Plumbing — Sweeney & Sons, Santa Barbara, $10,600 on Franklin school, adding $320 for assembly room, and $10,650 for Roosevelt school. Heating and ventilating—Ott Hdwe Co., Santa Barbara, $6675 for Franklin, adding $5077 for assembly room, and $6675 for Roosevelt school. Electric work—Nielson-Smith Electric Co., Santa Barbara, $2572 for Franklin school, adding $141 for assembly room, and $2572 for Roosevelt school. Master clock, Pacific Electric Clock Co., Los Angeles, $688; for Franklin school adding $58 for assembly room, and $688 for Roosevelt school. Bldgs. will be 1-story 16 rooms and basement each; class C constr. Soule, Murray & Hastings, 1206 State St., Santa Barbara, archts. Bids were taken under advisement for consideration of alternates until Thursday, Sept. 6.

SAN FRANCISCO—Anderson & Ringrose, 320 Market St. at $141,650 has been awarded the general contract by the Board of Public Works to construct Portola Primary school to be erected in block bounded by Goettinger and Somerset Ave., Burrows and Bacon Sts. Plans were prepared by Architect August G. Headman, Call Bldg., and call for a 1-story frame 16-room structure. Other contracts were as follows:

P. J. Enright, 2720 McAllister St., $10,850 for heating and ventilating.

Butte Electric Equip. Co., 820 Folsom St., at $5233 for electric work.

Thos. Skelly, 1344 9th Ave., at $8586 for plumbing.

NAPA, Napa Co., Cal.—Until Sept. 13, 8 p. m., bids will be rec. by Geo. L. Thorne, clerk, Brown Valley School District, to erect new school. Cert. check 10% payable to clerk req. Plans obtainable from clerk and on file with County Supt. of Schools at Napa.

SAN FRANCISCO — Following subcontracts let on Francisco school now under construction in Powell St., bet. Francisco and Chestnut Sts., have been approved by the Br. of Pub. Wks.: Marble to Clervi Marble Co.; Terrazzo to Pacific Terrazzo and Marble Co.; Terra Cotta to N. Clark and Sons.

NAPA, Napa Co., Cal.—Napa Union High School District takes under advisement following bids for fur. and install. 132 steel lockers: Haas Stationery Co., $695; Medart Locker Co., $735.24; Young Hardware Co. (Berger lockers), $730; Sampson-Rossi Co., $755.38 (Berker lockers).

BANKS, STORES & OFFICES

Contract Awarded.
OFFICE BLDG. Cost, $16,000
SAN FRANCISCO, S Brannan 137-6 E Third.
Two-story brick office building.
Owner—San Francisco Warehouse.
Architect—Geo. A. Applegarth, Claus Spreckels Bldg., S. F.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco.

Concrete Work Contract Awarded.
OFFICE BLDG. Cost, $30,000
SAN FRANCISCO, SE 12th Ave. & Clement Street.
Two-story reinforced concrete store & office bldg., 70x75.
Owner—Withheld.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Concrete work awarded to Mission Concrete Co., Call Bldg., S. F.

Contract Awarded.
STORE BLDG. Cost, $22,600
BURLINGAME, San Mateo Co., Cal. NW Burlingame Ave. SE Main St.
One-story concrete and brick store bldg (3 stores).
Owner—Foresythe & Simpson 1207 Burlingame Ave., Burlingame.
Architect — Alfred Kuhn & Thos. Edwards, 833 Market St., S. F.
Contractor—J. S. Simpson Co., Monadnock Bldg., S. F.

STORE BLDG. Cost, $25,221
BERKELEY, Alameda Co., Cal. University Ave. near Shattuck Ave.
One-story reinforced concrete store building (5 stores).
Owner—Rebecca F. Roth.
Architect—August G. Headman, Call Bldg., San Francisco.
Contractor — Walter Murch, Federal Realty Bldg., Oakland.

RIVERSIDE, Riverside Co., Cal. — Southern Sierras Power Company will start work on the proposed 2-story bldg. for the company's offices within 30 days. It will be located on site adjoining the company's present offices, 777 W Eighth St. and cost approx. $100,000. C. A. Kelley is chairman of the bldg. committee.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

RIVERSIDE, Riverside Co., Cal. — Security Title Insurance & Guarantee Co. has purchased from Mrs. Emma Welty Hanson, property at Eighth and Orange Sts., where the company proposes to erect a modern business bldg. to be occupied by themselves; cost, $40,000.

SAN MATEO, Cal.—See "Theatres," this Issue.

LOS ANGELES, Cal. — See "Apartments," this issue.

LOS ANGELES, Cal.—Archts. Tilden Norton and Frederick H. Wallis, 716 S Spring St., have prepared preliminary plans for a 12-story class A store and loft bldg., to be erected at 831-47 S Broadway, for M. S. Robbin and Henry S. Cahn, who have secured a 99-year lease on the site. The lease provides that a bldg. shall be built within 3 years, but work will probably be started in a year. It will be 42x165 ft., reinf. conc. constr.

LOS ANGELES, Cal.—Archt. Chas. F. Plummer, 1108 Story Bldg., is taking bids for excavating for the erection of a class A bldg. to be erected at 7th St. and Union Ave. for Young's Market Co. It will be 150x140 ft. and will contain the central offices of the company together with a general market and bakery department; $500,000.

FRESNO, Cal.—Gladding-McBean Co. Crocker Bldg., San Francisco, has been awarded a contract at $78,000, by R. F. Felchin, Bank of Italy Bldg., Fresno, (architect and manager of construction) for the terra cotta work of the new Pacific Southwest Trust & Savings Bank building. It is to be a 15-story Class A office structure to cost approximately $1,000,000.

CHICO, Butte Co., Cal.—Mrs. L. B. Daniels, 416 Salem, Chico, is having plans prepared for a two-story tile and stucco store and lodge hall to be erected at Main and Second streets. Upper floor will have a dance floor, 44 by 88 feet.

SAN JOSE, Santa Clara Co., Cal. — A group of local physicians headed by Dr. L. S. Moore, 470 S 3rd St., San Jose, have completed preliminary arrangements for the formation of a permanent organization who plan to erect a $100,000 office building in the vicinity of the San Jose hospital. Preliminary plans for the structure have already been prepared and details will be announced when a permanent organization is formed. A structure four stories in height of reinforced concrete construction is contemplated.

THEATRES

Plans Being Prepared.
THEATRE & STORE Cost $100,000
ELMHURST, Alameda Co., Cal. 89th Ave. and E-14th St.
One-story concrete moving picture theatre and store bldg.
Owner—L. J. Toffelmier & Sons, 701 Parrott St., San Leandro.
Architect to be selected shortly.
The site is now being cleared.

Preliminary Plans Being Prepared.
THEATRE & STORE Cost $600,000
SAN MATEO, Cal.
Reinforced concrete hotel, theatre and store building.
Owner—B. Getz et al.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

SAN FRANCISCO—Architect A. A. Cantin, 68 Post St., has awarded a contract to the Central Elec. Co., at $3479 for the electric work and to the Ralston Iron Works at $15,976 for the steel work in connection with the construction of a 3-story class A theatre for the Mandrin Co. It is to be erected on W Grant Ave., bet. Jackson and Pacific Sts. at a cost of $100,000. As reported August 29th, Monson Bros., 251 Kearny St., have the general contract.

THE BUILDERS' EXCHANGE
180-188 Jessie Street
BUILDERS' OUTING COMMITTEE

Wm. J. FEARY, (Chairman)
of Holmes Lime and Cement Co.
STEVE I. GUERIN
of J. S. Guerin & Co.
CLARENCE F. PRATT
of Pratt Building Material Co.
EMIL HOGBERG, Brick Contractor
CHAS. O. MUNSON, Lathing Contractor

ART B. SMITH, General Contractor
of C. L. Wold Company
WILLIAM BATEMAN,
Planing Mill
CHRIS J. HILLARD
C. J. Hillard Co.
JOSEPH B. CROWE (Secretary)
Crowe Glass Co.

San Francisco, Sept. 4, 1923.

Mr. Clarence F. Pratt,
President Pratt Rock & Gravel Co.,
and Pratt Building Material Co.,
518 Hearst Building, City.

Dear Mr. Pratt:—Please accept our thanks for your two prizes, a carload of crushed rock from your new plant at Prattrock, near Folsom and the carload of clean, sharp sand from your sand plant on the American River at Sacramento, the Yuba River at Marysville or at Prattco, Monterey County. These prizes were used at our Builders' Day outing at Capitola, September 1st, 2d and 3d.

The show was a wonderful success—3500 people were present.

Yours very truly,
W. J. FEARY,
Chairman of the Committee.

THE FOURTH Annual "Builders' Day."
* * *
IS NOW history.
* * *
AND EVERYBODY.
* * *
HAD A good time.
* * *
THE ABOVE committee worked hard.
* * *
AND DESERVE much credit.
* * *
CLARENCE SAND Pratt, President.
* * *
OF THE Pratt Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
AND PRODUCER.
* * *
OF CLEAN, sharp sand.
* * *
HAD A wonderful time.
* * *
SANDY PRATT had many guests.
* * *
WITH HIM at Capitola.
* * *
ALL ENJOYED themselves.
* * *
SANDY TOOK most.
* * *
OF HIS sand company.
* * *
WITH HIM to "Builders' Day."

JACK LONG, Salesmanager.
* * *
HAD A cottage.
* * *
FULL OF friends.
* * *
LOU WOMACK, Superintendent.
* * *
OF THE sand plant.
* * *
AT PRATTCO, Monterey County.
* * *
TOOK HIS entire family.
* * *
TO THE party.
* * *
HOWARD W. Senter, Secretary.
* * *
AND GEORGE Holmes, engineer.
* * *
BOTH OF Sandy's new rock company.
* * *
(THE PRATT Rock & Gravel Co.)
* * *
WERE AROUND spending "rocks."
* * *
FROM THE new plant.
* * *
NOW BEING built.
* * *
AT PRATTROCK, near Folsom.
* * *
"I THANK you."

At "Builders' Day," they danced and danced. Everybody on the Daily Pacific Builder danced and Joe Advertising Manager Odgers was manager of the dance. Sandy Pratt, President of the Pratt Building Material Co., sand producer, did the sandpaper waltz for the folks present.

WHARVES AND DOCKS

SACRAMENTO, Cal.—City Commission rejects bid of Healy-Tibbitts Const Co., 64 Pine St., San Francisco, at $72,170 to const. conc. piling and upper 250 ft. of M St. wharf, bet. M and N Sts. It is planned to do the work by day labor. Albert Givan is city engineer.

SAN FRANCISCO.—The Board of State Harbor Commissioners received the following bids on September 5th for lowering Pier 36 Car Ferry Apron on the waterfront of San Francisco. Contract awarded to Grant & Hart of San Francisco:

Grant & Hart	$12,698
Healy-Tibbits Construction Co.	13,300
A. W. Kitchen & Co.	14,657

PORTLAND, Ore.—Until Sept. 13 bids will be rec. by Public Dock Commission ft. of Stark St., to const. extension to Dock No. 1 at Municipal Terminal No. 4; project includes widening of dock 47 ft. along entire 900-ft. length; est. cost $90,000.

MISCELLANEOUS BUILDING CONSTRUCTION

OGDEN, Utah.—Archts. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., have completed plans for a new union depot to be erected at Ogden, Utah, for the Union Pacific and Southern Pacific Railway Cos. It will be 2-sto., 500x64 ft., waiting room, 112x60 ft., and 45 ft. high; offices in second story; brick constr., terra cotta trim, Boise sandstone entrance, structural steel, clay tile rfg.; $250,000. Plans have been forwarded to Salt Lake City and bids will be taken by officials of the Union Pacific Railway Co.

SAN FRANCISCO—Board of Supervisors has appropriated $2000 out of Urgent Necessity Budget Item No. 26, to finance repairs to Dean Pump, bake oven and incinerator at Relief Home.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 1 bids will be rec. by County Supervisors to construct incinerator at county general hospital grounds. Plans on file in office of county clerk.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Information regarding these opportunities must be obtained from the Foreign and Domestic Trade Department of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco, by referring to index number:

7421 — Habana, Cuba. Established firm desires to represent San Francisco firms manufacturing hardware supplies, iron and steel products, etc.

7422 — Shanghai, China. Established firm is in position to take on accounts of san francisco manufacturers of building and electrical supplies. Want to act as manufacturers agents.

7425 — Great Britain. British manufacturing firm is desirous of appointing an agent in San Francisco for the sale of its leather belting.

7428—Vienna, Austria. Firm desires selling agent here for their wood floor lamp standards. Prices and samples on request.

7430 — Paris, France. Party wishes connections in San Francisco with importers of pig iron, scrap metal and slag.

7433—Maastricht, Holland. Firm desires local importer to act as their selling agent for their fine earthen ware.

7435—London, England. Firm offers ten tons tinned steel wire, .34 millimeter diameter, 120 tons breaking strain per square inch, in coils of one-half pound each at four and one-half pence per pound, sample on request.

7439—San Francisco, California. Experienced man desires to work on a contract basis in South America for a Large San Francisco firm of building contractors.

7442—San Francisco, California. College graduate, with practical knowledge of, and established connections in Far East and Siberia, desires to communicate with large import and export house in San Francisco interested in developing those fields.

D-789—Minneapolis, Minn. Firm is in market for commercial oil burners other than the Fess or Ray Burner. Desire manufacturers in San Francisco to send literature and data.

D-790—Seattle, Wash. Representative desires to get in touch with manufacturers and big jobbers seeking to increase their business in that section.

D-792 — Los Angeles, Calif. Broker and distributor desires to represent in this territory as far south as San Diego manufacturers and importers seeking connections to take care of their interests in that section of the state.

CD-105—San Francisco, Calif. Party has capital to invest. Desires to connect with some manufacturing concern.

CD-106 — Balboa, Canal Zone. Party with 15 years experience in supply department work, 10 years as executive with capital of $15,000, expects to make his home in California and wishes to connect with reliable concern.

D-799—San Leandro, Calif. Firm desires to get in touch with concern handling Diesel engines 30-40 horse power for stationary work.

D-802—Easthampton, Mass. Dealer in furniture and ranges is seeking sales agency of Western firm handling oil burners.

D-803—Beloit, Wis. Manufacturers of convertible steam-vacuum washer want to sell their United States right. If interested to see the claims and official drawings, a copy will be mailed, as soon as off the Patent Office press.

LEADS FOR BUSINESS

Keeping in mind the motto of "Quality and Quantity," Building and Engineering News adds another feature to its service—"Leads for Business". The establishment of new industries, the opening of branch offices, removals, etc., covering the San Francisco section will hereafter be published in each issue. For the convenience of our subscribers the information will be published with the nature of the business concerned in captions and leading off each item.

This new department has been created due to many requests seeking information along such lines. A new firm entering a new

This new department is an exclusive feature and was created with the intention of developing new business for our subscribers. A new firm entering a new territory must make new friends and established firms in that territory have the chance of obtaining a certain amount of business from the new comers if "tipped off" at the proper time. With this thought in mind the "Leads for Business" section is added to our service and every effort will be made to cover the field as thoroughly as is possible. The co-operation of our subscribers is solicited to make this new department a clearing house for such news.

ADVERTISING—R. B. Young, Mail Adv Agcy., 821 Market to 311 Minna.
AUTOMOTIVE—Webb & Gross (Shop) 2500 Market Street.
BARBERS—Peter Yell, 1305 Sutter St., to New Canterbury Hotel Bldg., 750 Sutter Street soon.
BOOKBINDING—A. D. Zanetti (also ruling), 1701 Kirkwood.
CANDY—Central Candy Store, 2000 McAllister Street.
Chirolas Candy Company, 3380 Mission Street.
F. J. Everett, 491 Guerrero.
Mrs. Fisher, to new Canterbury Hotel Bldg., 750 Sutter, soon.
CIGARS—C. K. Bennie, 1300 Castro.
J. J. Donnelly, 3376 Mission Street.
CLEANINGS — Geo. W. Knight, 1008 Bush to New Canterbury Hotel Bldg. 750 Sutter Street, soon.]
COMMISSION BROKERS—Griffin-Durney Co., moving to larger offices, Fife Building.
DRESSMAKERS—Milly Duer, 2160 California St.
EMBROIDERING — Nielsen Panduoro, 2160 California St.
GROCERS—Jas. Glefkidos, 751 Polk St.
John Kenneally, 45 Rotteck.
J. Riva, 198 Brompton Ave.
HAIRDRESSING — Mrs. Stella Kirby, 166 Geary to new Canterbury Hotel Bldg., 750 Sutter St., Sept. 11.
INSURANCE—F. C. Kerr, (Maccabee Insurance) 1229 Hearst Bldg.
JANITOR SERVICE—Antone De Cordoca, (Klean Rite Janitor Service) 370 Golden Gate Avenue.
JEWELRY—Jabel Ring Co., 133 Geary Street.
LACES—Jules Levy & Co., (Mr. Bower) 733 Market to 340 Mission (not 340 2nd, as reported Sept. 4).
LADIES APPAREL—S. M. Wilzin, Inc. 154 Sutter to 174 Geary.
LUMBER—National Timber Products Co., (B. F. Durphy) 609 Postal Tel. Bldg.

(Continued on Page 16)

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

Official Proposals

NOTICE TO BIDDERS

(Castle Grammar School District)

Notice is hereby given that the Board of Trustees of the Castle Grammar School District, San Joaquin County, will receive sealed proposals to erect and build a grammar school building, in accordance with plans and specifications on file at the residence of Mrs. D. O. Castle, Clerk of the Board, and also at the office of the Architects, Davis-Heller-Pearce Co., Delta Bldg., Stockton, California.

Said sealed proposals will be received **up to 8 o'clock P. M., Friday, September 28th,** at the office of the Architects, Davis- Heller-Pearce Co., Delta Building, Stockton, Calif., and opened immediately thereafter.

All bids to be submitted in accordance with instructions as outlined in the specifications.

The Board of Trustees reserves the right to reject any and all bids or to waive any formality that may be deemed in the interest of the school.

A certified check for ten per cent (10%) of the amount of the bid must accompany said bid.

Signed: MRS. D. O. CASTLE.
Clerk of the Board of Trustees of the Castle Grammar School District, San Joaquin County.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock P. M., on October 1, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made portions of State Highway as follows:

San Joaquin County, painting a bridge over Paradise Cut (III-S.J.-5-B); San Joaquin County, painting a bridge over Mokelumne River (III-S.J.-4-C); Stanislaus County, painting a bridge over Wildcat Creek (III-Sta-13-B); Glenn County, painting a bridge over Sacramento River (III-Gle-45-B&C); and Glenn County, painting a bridge over Butte Slough (III-Gle-45-C).

Monterey County, a bridge 240 feet long and 21 feet wide between curbs across San Lorenzo Creek near King City (V-Mon-2-F), consisting of three 60 foot and two 30 foot reinforced concrete girder spans supported on piers and bents, together with about ¼ mile of approaches to be graded.

Los Angeles County, between Santa Clara River and a point one-fifth mile easterly thereof (VII-L.A.-23-B), about two-tenths (0.2) mile in length, to be paved with Portland cement concrete.

Plans may be seen and forms of proposals, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's office are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No Bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated September 4, 1923.

> A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate: 10 cents per line, per insertion.**
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Butte Valley Irrigation District)

Sealed proposals will be received at the office of the Butte Valley Irrigation District, Macdoel, California, until **2 o'clock P. M., September 24th, 1923,** and then and there publicly opened and read, for the construction of the canals and Regulating Works for the Diversion of Butte and Antelope Creeks, and for the construction of about 21 miles of Main Canals and 22 miles of small Laterals, 6 miles of Drains, 120 Turnouts, 35 checks, 30 Culverts, 30 Farm Bridges and furnishings and installing 2 30-inch Horizontal Split Case Centrifugal Pump Units, electrically driven complete including 1100 feet 42 inch and 30 feet 30 inch diameter continuous Wood Stave Discharge Pipe and Pump foundation and House. All in accordance with plans and specifications on file and available for examination at the District office at Macdoel, California.

For instructions to bidders and more detailed particulars, address:

E. O. Bissell, Secretary of the Butte Valley Irrigation District, Macdoel, California.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on September 17, 1923,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Plumas and Lassen Counties, between 3 miles east of Chester and 3 miles east of Westwood (II-Plu-Las.-29-A), about twelve and seven-tenths (12.7) miles in length, to be surfaced with gravel.

Trinity County, between 2 miles south of Weaverville and Tom Long Gulch (II-Tri-20-A&B), about eleven and one-tenth (11.1) miles in length, to be surfaced with gravel or broken stone.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The Department of Public Works, acting by and through the California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: August 20, 1923.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

LEADS FOR BUSINESS

(Continued from Page 15)

MFRS. AGENTS—E. S. Bullard, 268 Market to 565 Howard, soon. Maydwell & Hartzell, Inc., successors to Maydwell Co., Harry F. Hartzell, formerly with Baker-Joslyn Co., is Gen. Mgr., Sheldon Bldg.

NOVELTIES—Chas. Lowenberg to occupy a new store under Canterbury Hotel, 750 Sutter, soon. Can probably reach him at res., 6350 California. Frank Rittigstein Co., were agents.

PNEUMATIC EQUIPMENT — Westinghouse Air Brake Co., S. P. Bldg. to Matson Building.

PUBLICATIONS — Mannies Sporting Times, 693 Stevenson.

REAL ESTATE—W. H. McMorry, 110 Sutter Street.

STATIONERY—Peter J. Jensen, 2824 California to 1440 Polk.

TAILORS—Golden State Tailors, Merchants Natl. Bank Bldg.

THEATRES—Cameo Theatre to open soon, 936 Market.

TILE—Progressive Tile & Mantel Co., 559 Washington St.

X-RAY APPARATUS—R. L. Scherer, 679 Sutter Street.

MISCELLANEOUS—J. H. Cameron and Geo. B. Koch are establishing a business. Formerly with some concern in the Mills Bldg.
Chas. F. Presser and B. Cameron, 401-402 Balboa Bldg.

Tehachapi Railway Co., capitalized at $1,000,000, has been organized for the purpose of constructing thirty miles of railroad in Kern county between Ilmon and Bena. Directors are: F. L. McCaffery, Oakland; D. P. Ewing, San Francisco and E. J. Foulds, Berkeley.

Engineering News Section

BRIDGES

VENTURA, Cal.—deWaard & Cobham 207 Granger Bldg., San Diego, awarded contract by supervisors at $35,948 for repairing Montalvo bridge. Work to be done is as follows: (1) new floor system on 18 spans of bridge; (2) replace certain truss timbers as listed; (3) tighten certain steel eye bars as listed; (4) clean and paint bridge. Quantities are: 263,864 ft. B.M. timber in floor system; 19,620 ft. B.M. timber in railing; 11,200 ft. B.M. new timber in truss members; 29,696 sq. ft. paving. Other bids were: Heuser-Packard Co., $37,700; Mercereau Bridge and Constr. Co., $38,-038; Thomas Bergsgerd, $52,500.

SAN FRANCISCO — Duncanson & Harrelson, Chronicle Bldg., San Francisco, awarded contract by American Toll Bridge Co. to construct Carquinez Straits bridge, the estimated cost of which is placed at $4,500,000. Principal items of the work include: 11,731 tons structural steel in trusses; 2510 cu. yds. concrete in bridge floors, 2250 ft. long and 30 ft. wide; 362,000 lbs. reinforcing steel in floor; 27,300 cu. yds. conc. in 5 main piers; 1,776,000 lbs. rein. steel in piers. Oscar Klatt of the Golden Gate Ferry Co., Foot of Hyde St., San Francisco, is interested in the American Toll Bridge Company with headquarters in New York.

REDWOOD CITY, San Mateo Co., Cal.—City Trustees will call election to vote bonds of approx. $10,000 to const. conc bridge and retaining wall in Jefferson Ave., bet. Grand and Hudson Sts. C. L. Dimmitt, City Eng.

SAN JOSE, Santa Clara Co., Cal.—City Council will set date in immediate future for election to vote bonds to finance construction of new bridges, outfall sewer and viaduct over The Alameda. Wm. Popp, City Eng.

CARSON CITY, Nevada—See "Streets and Sewers," this issue. R.R. Crossing. Bids wanted.

SAN JOSE, Santa Clara, Cal.—County supervisors order plans prepared for two bridges on Alma road, Sup. Dist. No. 5 and one in Jackson Ave. Sup. Dist No. 2. Henry A. Pfister, county clerk.

SAN JOSE, Santa Clara Co., Cal. — Wm. Martin, 456 Delmas Ave., San Jose at $8089 awarded cont. by supervisors to const. conc. bridge on Buena Vista Ave., Sup. Dist. No. 1. Surveyor est. $8120. Other bids: Grant and Hart, $9,-513; Wm. Radtke, $8590.

SAN JOSE, Santa Clara Co., Cal.—Wm. Martin, 456 Delmas Ave., San Jose, at $3504 awarded cont. by supervisors to const. conc. bridge in San Martin Ave. Sup. Dist. No. 5. Surveyor est. $3640. Other bids: J. W. Williams, $4050; Grant and Hart, $5781.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 1, bids will be rec. by county supervisors to const. conc. bridge in McKinley Ave., over protection canal to be constructed by W.P. R.R. just north of French Camp slough; est. cost $6000. Plans obtainable from F. E. Quail, county surv.

SAN JOSE, Santa Clara Co., Cal.—R. I. Meyerholz, Saratoga and Mt. View Roads, San Jose, at $1400, only bidder, awarded cont. by county supervisors to const. conc. bridge on Pierce Rd., in Sup Dist. 5. Surveyor est. $1500.

MacDOEL, Siskiyou Co., Cal. — See "Official Proposal Section," in this issue. Macdoel Irrigation District.

SAN JOSE, Santa Clara Co., Cal. — John W. Williams, 931 South 8th St., San Jose, at $5800 awarded cont. by county supervisors to const. conc bridge on Saratoga Summit rd., at Booker's Place, Sup. Dist. No. 5. Surveyor est. $6700. Other bids: Wm. Martin $7025; R. J. Meyerholz, $6125.

SAN JOSE, Santa Clara Co., Cal.—R. O. Summers, San Jose, at $5640 submits only bid to supervisors to const. conc. retaining wall in Supervisor Dist. No. 4. Surveyor's est. $4590. Bid rejected and work ordered done by day labor under supervision of county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 1, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const rein. conc. bridge over Penitencia creek on King road, in Supervisor District No. 3. Plans on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal.—County supervisors order plans prepared for following bridges: 1 on Uvas rd. over Uvas creek, near junction with Watsonville road and for culvert on Live Oak rd. near junction of Orchard Avenue.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, sets Oct. 23 as date to vote bonds of $150,-000 to finance bridge construction. Wm. Popp, City Eng.

CALIFORNIA—Until Oct. 1, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to paint bridge over Paradise Cut and another over Mokolumne river in San Joaquin county; a bridge over Wildcat creek, another over Sacramento river and a third over Butte Slough, all in Glenn county... **See call for bids under official proposal section in this issue.**

PETALUMA, Sonoma Co., Cal.—City council plans construction of new I street bridge; est. cost, $3200. Proposed that city pay one-half the cost and the county one-half. N. S. Frost, City Eng.

MONTEREY COUNTY, Cal.—Until Oct. 1, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. bridge over San Lorenzo creek near King City, Monterey county, consisting of three 60-ft. and two 30-ft. rein. conc. girder spans supported on piers and bents, together with about ½ mi. of approaches to be graded. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

HANFORD, Kings Co., Cal.—County supervisors authorize construction of bridge over Blakeley canal on Road No. 813 in Rd. Dist. No. 1. Roy May, County Surveyor.

STOCKTON, San Joaquin Co., Cal.—Jenkins & Elton, 36th and Y Sts., Sacramento, at $18,265 awarded cont. by county supervisors to const. rein. conc. bridge on lower Sacramento road at Woodbridge. Other bids were: Eagan Constr. Co., $21,000; Davison & Nicolsen, $25,858; Davis-Heller-Pearce Co. $23,000; Frederickson Bros., $18,900.

SACRAMENTO, Cal.—Until Sept. 17, 10 A. M., bids will be rec. by Harry W. Hall, County Clerk, to re-floor Consumnes river bridge at Bridgehouse. Cert check 10% payable to Chair. Bd. of Sups. req. Sept. on file in office of clerk.

VENTURA, Cal.—John Short, Fairmont Apts., 420 S. Beaudry St., Los Angeles, awarded contr. by supervisors, at $23,900 to const. reinf. conc. bridge of 7 spans, each 30 ft. long on concr. piers and abutments no timber pile foundations over Callequas Creek on coast highway; estimated quantities are: 289 cu. yds. A conc.; 85 cu. yds. B conc.; 46,850 lbs. reinf. steel; 30 reinf. conc. piles; 34 O. P. piles; 420 lin. ft. pipe railing.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 1, bids will be rec. by the county supervisors to const. rein. conc. bridges on E. D. Morrison road; total est. cost, $11,500. Plans on file in office of county clerk. F. E. Quail, county surveyor.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LONG BEACH, Cal.—City Mgr. C. H. Windham will present to the city council shortly a project to const. 3000 ft. breakwater, to be located 400 ft. south of the end of the present Pine Ave. pier. The water at the end of this pier is 28 ft. deep. The water, at the proposed location of the breakwater is 35 ft. deep. The work will involv 330,-000 tons of rock. The structure would be 100 ft wide at the base and 15 ft. at the top.

LONG BEACH, Cal.—The war dept. has granted to Long Beach a permit to dredge waterways in Recreation Park. The park bonds will be advertised for sale Sept. 14, and bids will be called shortly after for the removal of bet. 2,500,000 and 3,000,000 cu. yds. material. The excavation will create a channel about 1 mile in length leading northward from Alamitos bay and connecting with a lake which will be dredged to form the inland terminal of this channel. The excavated material will be used for fill on adjoining lowlands and boulevards. C. H. Windham is city manager.

MACDOEL, Siskiyou Co., Cal. — See "Official Proposal Section," this issue. Butte Valley Irrigation District.

SAN FRANCISCO—See "Government Work and Supplies," this issue. Dredging bids opened.

SACRAMENTO, Cal.—W. F. McClure, director of the State Department of Public Works, announces $10,000 has been made available out of state funds to help dam the Carquinez Straits. The Federal Government apportioned $20,000 on the understanding that California would raise a similar sum. The remaining $10,000 will be made up from organizations interested in keeping back-water out of the delta.

MT. DIABLO CEMENT

A Contra Costa County Product. Awarded Gold Medal P. P. I. E.

Cowell Santa Cruz Lime

Always used where quality counts.

HENRY COWELL LIME & CEMENT CO.

2 MARKET STREET SAN FRANCISCO, CALIF.

BRANCHES

Oakland San Jose Sacramento Santa Cruz Portland, Ore. Tacoma, Wash.

CALIFORNIA
PLATE & WINDOW
GLASS
COMPANY.
1477 EDDY ST.
SAN FRANCISCO.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

SAN FRANCISCO—Until Oct. 15, 11 a. m., bids will be rec. by U. S. Engineer Office, Customhouse, to const. breakwater at Hilo Harbor, T. H. Further information on application.

IRRIGATION PROJECTS

MACDOEL, Siskiyou Co., Cal.—Until Sept. 24, 2 p. m., bids will be rec. by Butte Valley Irrigation District, E. O. Bissell, secy., for:

Construction of canals and regulating works for the Diversion of Butte and Antelope Creeks;

Construction of approx. 21-mi. of main canals;

Construction of 22-mi. of small laterals;

Construction of 6-mi. of drains;

120 turnouts; 35 checks; 30 culverts; 30 farm bridges;

Furnishing and installing two 30-in. horizontal split case centrifugal pump units, electrically driven complete including 1100-ft. of 42-in. and 30-ft. 30-in. dia. continuous wood stave discharge pipe and pump foundation and house.

See call for bids under official proposal section in this issue.

OAKDALE, Stanislaus Co., Cal.—State Bonding Department authorizes $150,000 bond election in Oakdale Irrigation District to finance improvements. The district planned to issue $500,000 for works. The recommendation of the State Bond Commission recommends $150,000 to be used as follows: Piping of laterals and extension of pipe lines, $28,000; enlarging laterals, $45,000; drainage, $35,000; concrete syphon across Willms creek, $30,000; engineering and contingencies, $12,000.

MODESTO, Stanislaus Co., Cal.—Until Oct. 1, bids will be rec. by C. A. Abbott, sect'y., Modesto Irrigation District for purchase of $135,000 worth of 5% bonds to finance improvements.

MARYSVILLE, Yuba Co., Cal.—S. J. Norris, Civil Engeneer, Oroville, has been appointed Chief Engineer for the Honcut-Yuba Irrigation District to prepare a report on proposed works in the district for submission to the State Bonding Commission which will authorize an election to vote bonds to finance the project.

MERCED, Merced Co., Cal.—Henry Cowell Lime and Cement Co., 2 Market St., San Francisco, at $3.79 bbl., awarded contract by Merced Irrigation District for furnishing and del. 6000 bbls. Portland cement. Five other bids were submitted at $3.89 per bbl.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—John Simpson & Co., 701 Antonio St., has been awarded the general contract for erecting the new church and institutional building at Los Angeles and Marchessaults Sts., for the Plaza Community Center Church. Train & Williams, 226 Western Mutual Life Bldg., are the architects. The church will be 48x84 ft., with main auditorium with balcony; social rooms in the basement. The institutional building will be 1-story and basement, 18x84 ft., Class A steel frame construction, reinforced concrete floors and curtain walls, stucco exterior, cast stone trim, clay tile and composition roofing, gypsum block and metal lath and plaster partitions, elevator, steam heating.

MACHINERY AND EUIPMENT

SAN JOSE, Santa Clara Co., Cal.—Austin-Western Road Machinery Co., 20 Fremont St., San Francisco, at $1,429.45 awarded cont. by county supervisors for fur. two new rear roller wheels, 68 inches in diameter, for an Austin 10-ton gas roller; one wheel to be equipped with differential, f.o.b. San Jose.

SAN JOSE, Santa Clara Co., Cal.—Spears-Wells Machinery Co., offering $800, awarded sale of used loader no longer required by the county at the Saratoga quarry.

SAN FRANCISCO—Until Sept. 17, 3 p. m., bids will be rec. by Leobard S. Leavy, City Purchasing Agent, Rm. 270 City Hall, for fur. and del. one motor street flusher. Specifications and further information obtainable from above

SAN JOSE, Santa Clara Co., Cal. — Smith-Booth-Usher Co., 50 Fremont St. San Francisco, at $4350 and (No. 21) $3400 submits low bid to county supervisors for fur. loader for Saratoga rock quarry. Spears Wells Machinery Co. only other bidder at $3800.

RAILROADS

MERCED, Merced Co., Cal.—Twohy Bros. Co., Sharon Bldg., San Francisco, and Welch Co., (combined bid) submit low bid to Merced Irrigation District for relocation of 16.79 mi. of Yosemite Valley r.r., the project involv. 300 acres clearing and grubbing; 654,836 cu. yds. solid rock excav.; 175,288 cu. yds. loose rock excavation; 163,011 cu. yds. common excav; 22,000 cu. yds. common borrow; 57,000 cu. yds. loose rock borrow; solid rock borrow (no quantity estimated); if bidder desires, he may submit an alternate price for all excav. unclass. comprising 1,072,135 cu. yds.; 1,600,000 cu. yds. overhaul per 100 ft.; also per 1000 ft. for locomotive haul over 2000 ft. (no estimated quantity); rip rap (no estimated quantity), 1300 cu. yds. retaining wall laid in cement mortar; placing corru. iron culverts as follows: 444 ft. 18-in., 1397 ft. 24-in., 653 ft. 30-in., and 1909 ft. 36-in. conc. culvert ends (no estimated quantity); rubble masonry culvert ends (no estimated quantity). Tunnels: 3495 ft. excav., minimum unlined tangent section; overhaul, per 100 ft. and per 1000 ft. (no estimated quantity); 2720 cu. yds. conc. lining; 600 cu. yds. conc. portals. Trestles, 330,046 F.B.M. fitting and erecting timber; 1247 cu. yds. concrete piers and abutments. Tracklaying and ballasting: 17.63 mi. tracklaying incl. siding; 16.87 mi. ballasting; setting 8 switches.

The low bid, below the engineer's estimate, follows:

Grading, tunneling trestles	$1,328,797
Track laying	52,890
Ballasting	25,305
Setting switches	400
	$1,407,391

Under the above bid the district is to furnish rails, ties and other track material, including all materials for fastening the rails and switches in place, and also all rock or gravel for ballast, timber for trestle and pipe for culverts. All other materials required for the completion of the work must be furnished by the contractor.

Other total bids were:

Henry McPhee	$1,401,979
Utah Const. Co.	1,543,651
W. A. Betchel	2,260,910
Engineer's estimate	1,474,289

The McPhee bid did not include ballasting. C. R. Adams bid on first two miles of grading at $1.20 cu. yd.

FIRE EQUIPMENT

SELMA, Fresno Co., Cal.—September 25 is date set to vote bonds of $27,000 of which $18,000 will be used to finance purchase of two fire engines and equipment and the balance to enlarge the present firehouse quarters.

WOODLAND, Yolo Co., Cal.—American La France Co. at $19,700 awarded cont. by city trustees to furnish motorized fire fighting equipment.

MISCELLANEOUS SUPPLIES

PALO ALTO, Santa Clara Co., Cal.—Until Sept. 15, 7:30 p. m., bids will be rec. by A. C. Barker, secy Board of Education, 549 Channing Ave., for fur. 250 tons of coal; bidder to state kind of coal and number of heat units; delivery to be made before Oct. 1.

RESERVOIRS AND DAMS

MERCED, Merced Co., Cal.—New bids will be asked by the Merced Irrigation District to construct the Exchequer Dam. At the last meeting of the directors it was decided to ask bids for a multiple arch dam as designed by Eng. S. Eastwood who was accompanied by Lynn S. Atkinson, of Los Angeles, low bidder under the last call for bids on the project.

PIPE LINES, WELLS, ETC.

TERRA BELLA, Tulare Co., Cal.—Western Pipe and Steel Co., Montague Pipe and Steel Co., both of San Francisco, and Consolidated Pipe and Steel Co., Bakersfield, submitted identical bids $6099 for fur. and del. to Terra Bella Irrigation District, well casings as follows: 220-ft. 16-in. double No. 12; 1500 ft. 12-in. double, No. 12; 2 16-in. starters, 2-ply and 2 12-in. starters, 3 ply. Contracts were awarded to Western and Consolidated companies.

MACDOEL, Siskiyou Co., Cal. — See "Official Proposal Section" in this issue. Macdoel Irrigation District.

TERRA BELLA, Tulare Co., Cal.—following bids rec. by Terra Bella Irrigation District, to drill 2 wells, bids being taken for 100 ft. and 1000-ft. depths:

D. Bramlette, Fresno, 1000-ft. $4512.50

M. T. Jackson, Porterville, 1000-ft. $4312.50.

Shelle, Stadtmiller & Sheele, Porterville, 500-ft. $1312.50.

SAN FERNANDO, Cal.—Until 7:30 p. m., Sept. 17, bids will be rec. by city trustees to drill 18-in. well to depth of 250 ft. or more on Borden St., bet. Sawyer and Astoria Sts. Cert. check or bond, $250. H. C. Caldwell, city clerk.

SEWAGE DISPOSAL PLANTS

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, sets

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

Oct 23 as date to vote bonds of $400,000 to finance construction of sewers and sewage treatment plant. Wm. Popp, city eng.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Until Sept. 17, 8 p. m., bids will be rec. by Frank T. Kennedy, secy. Bd. of Fire Commissioners, City Hall, for drylocking, and repainting hulls, overhauling and repairing and other probable specified work on the fire boats "David Scannell" and "Dennis T. Sullivan". Spec. and further information obtainable from secy.

SACRAMENTO, Cal. — Davison and Nicolsen, 336 West Lafayette St., Stockton, at $102,000 awarded contract by City Commissioners to const. subway through L St., levee, involv. 700 cu. yds. class A conc.; 519 cu. yds. class B conc; 15,200 cu. yds. excavation; 3 tons rein. steel; 3000 s. f., wire mesh, 80 tons structural steel (beams); 7 tons structural steel (gates); 1262 lin. ft. pipe railing (3 rails); 30 squares water proofing; 186 lin. ft. ½-in. conduit; 10 outlets with fixtures, etc.; 1800 cu. yds. backfill (back of structure); 20,600 fill (bow levee and approaches) 300 cu. yds ballast; 22,400 sq. ft. 7-in. conc. pavement; 730 lin. ft. curb; 900 lin. ft. curb wall (sidewalk footings); 3900 sq. ft. walks.

SACRAMENTO, Cal. City Commissioners postpone action for one week in the matter of awarding contract for incinerator for which low bid was submitted by F. L. Decarie, Portland, Ore. at $195,000. City Eng. Albert Givan and City Manager Bottorff have recommended acceptance of the bid.

WATER WORKS

MACDOEL, Siskiyou Co., Cal. — See "Official Proposal Section," this issue. Butte Valley Irrigation District.

YUBA CITY, Sutter Co., Cal.—Byron Jackson Pump Mfg. Co. at $2850 awarded cont. by city trustees for fur. and install vertical deep well turbine pump complete with motor at center well of Army Water Works. Johnson Pump Co. bid $2280.95.

HAYWARD, Cal — Plans have been completed and bids will be called for at once to lay approx. 4000 lin. ft. 12-in. c. i. pipe from the reservoir to laterals in the town of Hayward. Pipe has already been purchased. James Smalley supt. of the Municipal Water Works. Olmsted & Gillelen, Hollingsworth Bldg., Los Angeles, consulting engrs.

REDWOOD CITY, San Mateo Co., Cal. —City trustees contemplate bond election for $30,000 to finance purchase of privately owned water works system C. L. Dimmitt, city eng.

WATTS, Cal.—Neptune Meter Co., 701 3rd St., Los Angeles, has cont. at $24,000 for fur. 2000 meters to the Conservative Water Co., Watts, for use in connection with the improvements and betterments being put in by that company under the recent $250,000 bond issue. The 10 mi. pipe line is being laid by the company's own force. New pumping plants, including motors, will be installed. W. W. Pedder, 8619 Fir St., Los Angeles. Engr.

STOCKTON, San Joaquin Co., Cal.—See "Hospitals," this issue. Water tank and tower.

PLAYGROUNDS AND PARKS

REDWOOD CITY, San Mateo Co., Cal. —Until Sept. 15, 1 p. m., bids will be rec. by Thos. O. Heydenfeldt, clerk, Sequoia Union High School District, 201 Brewster St., Redwood City, to construct one double tennis court and fence surrounding same. Specifications obtainable from clerk.

SEWERS & STREET WORK

CARSON CITY, Nevada—Until Sept. 19, bids will be rec. by State Highway Commission, George W. Borden, highway engineer, for the following units of state highway system:

1.27 mi. in White Pine County, betw. First and Aultman Sts., and east city limits of Ely, involv: 4035 cu. yds. excavation unclassified; 4850 cu. yds. selected material for fills; 8620 yd. sta. overhaul; 1.27 miles prepare subgrade and shoulders; 13,430 sq. yds. cem. conc. pavement; 40 cu. yds. class A conc.; and 10 cu. yds. class B conc.; 210 lin. ft. 15-in., 44 lin. ft. 18-in., 34 lin. ft. 24-in. and 140 lin. ft. 30-in. corru. metal pipe in place; 250 cu. yds. cement rubble masonry; 512 lin. ft. wooden guard rail, complete in place; 14 monuments; 2 sign posts. State will furnish cement f.o.b. cars at Ely. Sand and coarse aggregate to be secured and furnished by contractor.

4.66 mi. in White Pine county, bet. Keystone and First and Aultman Sts., city of Ely, involv.: 37,145 cu. yds. excavation unclassified; 17,612 yd. sta. overhaul; 4.64 mi. prepare subgrade & shoulders; 7510 cu. yds. load and screen selected material for surface; 9570 yd. mi. haul selected material for surface; 7510 cu. yds. spread selected material for surface; 535 cu. yds. class A conc. & 20 cu. yds. class B conc.; 28 lin. ft. 15-in. 266 lin. ft. 18-in. and 30 lin. ft. 24-in. corru. metal pipe in place; 1568 lin. ft. wooden guard rail, complete in place; 120 monuments; 1 sign post; 46,656 lbs. struc. steel; 550 lin. ft. iron pipe railing Cement will be furnished by State f.o.b. cars at Ely. Sand and coarse aggregate to be secured and furnished by the contractor.

1.93 mi. in Elko county, bet. Elko west city limits and 13th St., involv. 8650 cu. yds. excavation unclassified; 36,052 yd. sta. overhaul; 0.71 mi. prepare subgrade and shoulders for conc. surface; 7516 sq. yds. cem. conc. pavement.; 1.22 mi. prepare subgrade and shoulders for gravel surface; 2360 cu. yds. loading and screening gravel for gravel surface; 7160 yd. mi. hauling gravel for gravel surface; 2360 cu. yds. spread. gravel for gravel surface; 225 cu. yds. class A conc. and 6 cu. yds. class B conc.; 160 lin. ft. 18-in. corru. metal pipe. Cement will be furnished by State f. o. b. cars at Elko. Sand and coarse aggregate to be secured and furnished by the contractor.

6.69 mi. in Douglas county, bet. 3-mi. north of Holbrook and 2-mi. north of Carters, involv. 29,000 cu. yds. excavation unclassified; 13,529 yd. sta. overhaul; 6.69 mi. prepare subgrade and shoulders; 9000 cu. yds. loading and screening grael; 25,300 yd. mi. hauling gravel; 9000 cu. yds. spreading gravel; 45 cu. yds. class B conc.; 554 lin. ft. 15-in., 192 lin. ft. 18-in., 234 lin. ft. 24-in. and 68 lin. ft. 30-in. corru. metal pipe; 136 lin. ft. wooden guard rail; 84 monuments.

EUREKA, Humboldt Co., Cal.—Englehart Paving & Construction Co., Eureka, at $11,811 awarded cont. by city council to imp. portion of A St. by grading; const. wooden culverts, gutters, curbs and crosswalks. Mercer-Fraser Co., Eureka, only other bidder at $12,653.63.

SAN FRANCISCO—Until Sept. 19, 3 P. M., bids will be rec. by Bd. of Pub Wks. to const. rein. conc. sewer in 6th St., bet. Brannan and Townsend; est. cost, $45,000 to be financed from fund under Budget Item No. 43. The project involves:

633 lin. ft. 6-ft. circular rein conc. sewer with a portion of its invert lined with vit. brick and supported on piles

250 lin. ft. 8-in. vit. pipe underdrain covered with conc.and inbedded in broken rock.

383 lin. ft. 12-in. vit. pipe underdrain covered with conc. or imbedded in broken rock

5 manholes of brick or conc. with c. i. frames and covers and galv. wrought iron steps.

19,200 lin. ft. piles below cut-off to be furnished and driven.

Plans obtainable from office of City Eng. M. M. O'Shaughnessy, 3rd Floor, City Hall.

TORRANCE, Cal.—H. G. Feraud, 1211 Detwiler Bldg., Los Angeles, awarded contr. by city trustees to imp. Amapola Ave., etc., 3.5c sq. ft. grading; 21.5c a sq. ft. pave with 1½-in. Willite surface on 3-in. asph. conc. base; 70c ft. conc. curb..

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at $35,250.72 awarded cont. by city council to imp. portions of Fairfield, incl. intersections Grade and pave with 2-in. asph. conc. base with 1½-in. Bitulithic surface; c. i. and conc. culverts; vit. pipe sewers with c. i. covers. Other bids: California Const. Co., San Francisco, $42,492.70; Clark and Henery Const. Co., San Francisco, $40,487.60; Municipal improvement Co., Oakland, $41,063.36; Warren Const. Co., Oakland, $43,010.44.

LOS ANGELES COUNTY, Cal.—Until Oct. 1, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with Port. cem. conc. 0.2 mi. of highway bet. Santa Clara river and point 1/5 mi. easterly thereof. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

OAKLAND Cal.—Until Sept. 13, 12 M bids will be rec. by E. K. Sturgis, city clerk, to imp. following sts.:

Portions of 15th St.: Grade; const. conc. curbs and gutters; pave with 2-in. Warrenite-Bit. surface on 6-in. Port. cem. conc. base; 10 and 8-in. vit. sewers; 3 br. manholes with c. i. tops; vit. pipe lamphole; vit. pipe wye branches; 4 br. catchbasins; four 10-in. vit. pipe conduits.

6th St., bet. Jefferson and West St., involv. grade; const. conc. curb and gutter; pave with 3-in. Warrenite-Bit. surface on 4-in. asph. conc. base; 1 br. catchbasin with c. i. top.

Castro St., bet. 7th and 14th Sts., involving grade; const conc. curb and gutter; pave with 2-in Warrenite-Bitulithic surface on 6-in. Port. cem. conc. base.

9th St., bet. Alice and Fallon Sts.: grade; const. conc. curbs and gutters; pave with asph. conc.; reset existing granite curbs.

All under 1911 Act. Cert check 10% payable to city req. W. W. Harmon, city engineer.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

PASADENA, Cal. Until 10 A. M., Sept. 12th, bids will be rec. by City Directors to imp.:

Catalina Ave., bet. California and Hawkeye Sts.; grade and pave with 2-in. oiler macad.; const. cem. curb; gutter; walk.

Puente Dr., bet. Colorado St and Linda Vista Ave., grade and const. 24-in. corr. iron metal pipe culvert for drainage purposes. Bessie Chamberlain, City Clerk. W. C. Earle, City Engr.

AUBURN, Placer Co., Cal.—City Board of Health recommends construction of sewers in Colfax Ave., Electric and High Sts. Jerome A. Barican, City Eng.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. Wilde Ave., bet. San Bruno and Delta Aves., est. cost $38,675. The project involves: 7100 cu. yds. cut; 1035 cu. yds fill; 75 lin. ft. 12-in. ironstone pipe sewer; 24 12-in. wye branches; 1 br. manhole; 16 br. catchbasins; 500 lin. ft. 10-in. culverts; 4388 lin. ft. conc. curb; 19,200 sq. ft. conc. pavement; 71,225 sq. ft. asph. conc. pavement.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., submitted low bid to Bd. Pub. Wks. at $51,929.25 for imp. Vernon Ave., bet. first alley west from Van Ness Ave. and Angeles Mesa Dr., involv. grading at $4994 (lump sum); 166,477 sq. ft. conc. paving 23 1/3c sq. ft. 125 ft. curb 70c ft.; 18,410 sq. ft. walk 19c ft.; reinf. conc. pipe culvert complete, $340; 2542 ft. bse. sewers $1.50 ft.; 865 sq. ft. bitum. base paving at 10c ft.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at $142,376.31 awarded cont. by city council to imp. portion of H St., grade; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bis. surface; c. i. and conc. culverts; vit. pipe sewers; conc. sanitary manholes with c. i. covers. Other bids: Calif. Const. Co., $155,432.95; Clark and Henery Const. Co., $148,052.44; Municipal Improvement Co., $152,453.53; Warren Const. Co., $160,193.53.

LOS ANGELES, Cal. — County Rd. Commissioner Jones states that over $300,000 will be expended in road impts in territory adjoining Long Beach before the end of the year. Of this program, one of the most important is 2½ mi. of paving on the Long Beach Blvd. This comprises 2 projects. The first is 2 mi. of new paving of this blvd. from Compton cor. south. The other is ½ mi. of repaving through the level ground south of the long bridge, through the newly developed area known as Virginia City. These 2 improvements will cost about $80,000 and construction will be begun as soon as the present work on the truck blvd., bet. Compson and Wilmington, is finished. The highway from the cor. of Main St., Compton, and the Long Beach Blvd., to Clearwater, 2½ mi. east, also will be paved this year at a cost of about $85,000.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 1, bids will be rec. by county supervisors to gravel approx. 2 miles of Lammersville school road in Fifth Supervisorial District. Plans on file in office of clerk. F. E. Quail, County Surveyor.

MARTINEZ, Contra Costa Co., Cal.—Jas. T. Sayles, Martinez, at $3,971.70 submits low bid to supervisors to pave portion of cemetery hill leading from Bay Shore highway into Martinez. Mrs. Ellen E. O'Brien, Martinez, only other bidder at $1,363.70.

STOCKTON, San Joaquin Co., Cal.—County surveyor F. E. Quail instructed to prepare spec. for road work in Naglee-Burk tract; in Walnut Ave., near Lodi and in Fairchild Lane.

LOS ANGELES, Cal.—T. E. Shafer, 405 N. Rampart Blvd., submitted low bid to Bd. Pub. Wks. to imp. Liberty St., bet. Berkeley and Scott Aves., involv. grading, $1200 (lump sum); 15,369 sq. ft. oiling and rolling, 7c ft.; 1888 ft. curb, 75c ft.; 4538 sq. ft. walk, 22c ft.; 2321 sq. ft. gutter, 34c ft.; san. sewer, $950 compl.; post and chain railing, $400; catchbasin and connecting drain, $100.

E. D. Zaich, 220 W. 56th St., low bidder at $4265 for const. sewer in Ruby Lane, bet. 142 ft. west of Annandale Blvd. and 135 ft. east from Neva Pl.

P. F. Martter, 1250 S. Gramercy Pl., low bidder to imp. Lake Shore Ave., bet. Berkeley and Scott Ave., involv. grading, $3000 (lump sum); 22,721 sq. ft. oil and roll, 7c sq. ft.; 2265 ft. curb, 75c ft.; 6393 sq. ft. walk, 23c ft.; 2884 sq. ft. gutter, 35c ft.; post and chain railing, $335 (lump sum).

NAPA, Napa Co., Cal.—Until Sept. 20, 10 A. M., bids will be rec. by James A. Daly, County Clerk, for fur. Napa county with 1,500 yds. (more or less) screened gravel, delivered and spread on road from Rutherford to Conn Canyon and from Oakville to Conn Creek. Cert. check 10% payable to Chair. Bd. of Sups. req. Edw. P. Ball, County Surveyor.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to const. Port. cem. conc. storm sewer in 26th St., bet. San Antonio and McKee Rd., and in McKee Rd. from Coyote river to 26th St. and in San Antonio St. and San Fernando St., from 24th to 26th St.; 7 br. manholes with c. i. covers and rings. 1911 Act & Bond Act 1915. Protests Sept. 24. Wm. Popp, city eng.

SAN FRANCISCO—M. J. Treacy, Call Bldg., at $2800 submits low bid to Bd. Pub. Wks. to const. safety station at 17th and Castro Sts. Other bids: M. Bertolino, $3267; L. J. Cohn, $3400.

SAN FRANCISCO—Hugh McGill at $7,300 submits low bid to Bd. Pub. Wks. to const. high pressure system in North Point St., bet. Larkin and Van Ness Ave. L. J. Cohn only bidder at $8,464.

LOS ANGELES, Cal.—C. W. Shafer, 222 W 23rd St., submitted low bid to Bd. Pub. Wks. to imp. Marsh St., bet. n.e. line of Tr. 3657, and 118 ft. n.e. of Riverside Dr., involv. grading at $3000 (lump sum); 4349 ft. curb 60c ft.; 21,439 sq. ft. walk 20.5c ft.

C. W. Shafer only bidder to imp. Young St., bet. Panama Ave. and Blinn Ave., involv. grading $900 (lump sum); 32c conc., paving; 15c surfacing with rock, oiling and rolling; 70c ft. curb; 24c sq. ft. walk; 35c sq. ft. gutter.

MARTINEZ, Contra Costa Co., Cal.—State Railroad Commission recommends to county supervisors the construction of an overhead span or a subway at r. r. crossing at Bay Point. J. H. Wells is county clerk and R. R. Arnold, County Surveyor.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. 6th St., bet. St. James and Jackson St., involv. grade and pave with 1-in. asph. conc. surface on 3-in. asph. conc. base; hyd. conc. curbs, gutters and walks; 4 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act. 1915. Protests Sept. 17. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, sets Oct. 23 as date to vote bonds of $400,000 to finance construction of sewers and sewage treatment plant. Wm. Popp, City Eng.

SAN FRANCISCO—Bd. Pub. Wks. rejects bid of C. B. Eaton, 715 Ocean Ave., (only bid) at $21,167.54 to imp. Saturn St., bet. Ord and Lower Terrace, involv. const. of rein. conc. retaining and support walls, includ. stairways, landings and copings; 4104 cu. yds. excav.; 170 cu. yds. fill; 5293 sq. ft. asph. conc. pave; 6707 sq. ft. conc. pave; 5326 sq. ft. art. stone walks; 1055 lin. ft. conc. curb; 2 br. catchbasins; 40 lin. ft. 10-in. ironstone pipe culverts; 604 lin. ft. galv. iron pipe railings.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded cont. by supervisors at $219,049.73 to imp. Washington Blvd., bet. east boundary of Culver City and west city limits of Los Angeles, under County Imp. No. 34, 8958 lin. ft. or 1.7 mi. involv. 24,905 cu. yds. excav. at 70c yd.; 42,069 sq. yds. subbase at 45c yd.; 67,062 sq. yds. conc. base at $2.20 yd.; 67,062 sq. yds. asph. conc. wearing surface at 54c yd; 610 ft. conc. curtain wall at 50c ft.; 10,879 ft. curb at 75c ft.; 63,200 sq. ft. gutter at 30c ft.; 990 sq. ft. walk at 25c ft.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 17, bids will be rec. by Bd. Pub. Wks. to imp. following sts.:

Normandie Ave., bet. Pico and 16th Sts., involv. 46,900 sq. ft. asph. paving; 600 sq. ft. 2-in. bitum. base; 2277 ft. curb; 11,469 sq. ft. walk; 2559 sq. ft. gutter; san. sewer; 1911 Act.

St. Louis St., bet. Judson and Sheridan Sts., etc., etc., involv. 1545 cu. yds. cut; 21 cu. yds. fill; 285 sq. ft. 6-in. cem. conc.; 21,861 sq. ft. oiling and rolling; 1233 ft. light curb; 6440 sq. ft. walk; 3220 sq. ft. conc. gutter.

Benton Way, bet. 2nd and 3rd involv. 22,753 sq. ft. 5-in. conc. paving; 160 sq. ft. 2-in. bitum. base paving; 14 ft. curb; 350 cu. yds. excav.

Alley w. of Witmer St., bet. 1st and 2nd, involv. 667 cu. yds. cut; 29 cu. yds. fill; 10,798 sq. ft. 5-in. conc. paving; guard rail; 563 cu. ft. conc. retaining wall; 60 ft. iron pipe rail.

Minnesota St., bet. Gates and Prewett Sts., involv. 17,814 sq. ft. oiling and rolling; 1429 ft. curb; 6362 sq. ft. walk; 2974 sq. ft. conc; storm drain; san. sewer.

MARTINEZ, Contra Costa Co., Cal.—Jas. T. Sayles, Martinez, at $3971.70 awarded cont. by county supervisors to pave Cemetery Hill from Bay Shore Highway to top of grade, approx. 780-ft. in length.

AUBURN, Placer Co., Cal.—County supervisors vote to construct road from Colfax to Iowa Hill to cost approx $45,000. Property owners will pay $20,000 of the total cost.

REDWOOD CITY, San Mateo Co., Cal.—County supervisors appropriate $20,000 as San Mateo county's share of cost to finance Skyline Blvd. project. Other counties will contribute as follows: San Francisco, $50,000; Santa Clara $20,000 and Santa Cruz $10,000.

MARTINEZ, Contra Costa Co., Cal.—California Construction Co., 58 2nd St., San Francisco, at $125,049.50 awarded cont. by county supervisors to pave area in San Pablo Improvement District. Other bids: Oakland Paving Co., $127,090; James T. Sayles, $134,875; Warren Construction Co., $135,330 and Municipal Improvement Co., $141,049.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE

Zimmerlin Bros. Co.
Established 1907

3190 MISSION ST. — Junction Valencia — Phone Market 8926

24 VAN NESS AVENUE — Near Market

Architects—Engineers—City and County Officials

How about bids wanted?

Are you satisfied with the bids you received on that last job?

Did you have competition—and plenty of it? If not—why not?

Without charge the BUILDING & ENGINEERING NEWS will place your job before the construction interests of the Pacific Coast. That means competition and—competition means the lowest possible bid.

If you want competition send particulars of your job to BUILDING & ENGINEERING NEWS—also a set of plans and specifications.

Reach the *Independent Bidder* through the columns of BUILDING & ENGINEERING NEWS

The combined news services of BUILDING & ENGINEERING NEWS have a circulation of

2804

—reaching the Engineer, Contractor and Material Dealer.

Can you reach one quarter the amount of interested people through any other news service published in this section? We think not—in fact, we know you cannot.

If you want *competition*—if you want *independent* contractors to figure your job—if you want the *lowest possible bid*—send particulars of your project to

Building & Engineering News

LOS ANGELES, Cal.—B. D. Baucus, 5307 8th Ave., was awarded contr. by supervisors at $15,707 for imp. Guaymas St., Kingsley Dr., Eleanor Ave., Barton Ave. and other streets under County Imp. No. 44, involv. 3153 cu. yds. excav. at 70c yd.; 7521 lin. ft. curb at 55c ft.; 30,093 sq. ft. walk at 20c ft.; 13,379 sq. yds. oil and screenings roadway at 25c yd.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, sets Oct. 23 as date to vote bonds of $100,000 to finance construction of structures necessary for the separation of grades at the intersection of West Santa Clara St., and S. P. R.R. right-of-way. Wm. Popp, city eng.

SAN FRANCISCO—C. L. Harney, Pacific Bldg., at $6834.70 submits low bid to Bd. Pub. Wks. to imp. 29th Ave., bet. Cabrillo and Fulton Sts. Other bids: G. L. Chamberlain $9840; M. Bertolino, $22,345.

BAKERSFIELD, Kern Co., Cal. — Until 5 p. m., Sept. 17, bids will be rec. by council for imp. Sonora St., betw. Kentucky and Bernard Sts., and portions of other streets, grade and pave with 1½-in. Warrenite-bitul. surface on 3½-in. asph. conc. base; const. cem. conc. culverts, conc. catch basins and 24-in. conc. storm drain; 1911 Act. V. Van Riper, city clerk.

GLENDALE, Cal. — T. H. Johnson, 1152½ N Ridgewood Pl., Los Angeles, submitted low bid to council at $3300 to const. storm drain near San Fernando Rd. and Riverdale Dr., the work to be cash out of gen. fund; 48-in. dia., Ferguson segmental sewer blk., 364.46 ft. in length with conc. headwall and a conc. apron 35-ft. in length.

SAN MATEO COUNTY, Cal.—Pacific States Construction Co., Call Bldg., San Francisco, awarded cont. by State Highway Commission, at $207,782 (engineer's estimate $206,980) to pave with Port. cem. conc. shoulders and asph. conc. wearing surface 3.4 mi. in San Mateo County, bet. San Bruno and San Mateo, the project involving 500 cu. yds. struc. excav. without classification; 2700 tons gravel or stone in subbase course; 8100 cu. yds. class A Port cem. conc. (shoulders), curbs, and repairs to existing base); 500 cu. yds. removal of broken conc. in existing base; 7000 tons asphaltic mixture (pavement); 450 cu. yds. class A Port. cem. conc. (culverts).

LOS GATOS, Santa Clara Co., Cal.—Bids will be called for at once to const. sewers as follows:

Monterey Ave., involv. 750 lin. ft., 6-in. vit or conc. sewer pipe.

Cypress St., involv. 700 lin. ft. 6-in. sewer, using vit. or conc. as alternative.

H. B. Fisher, Growers Bank Bldg., San Jose, is consulting eng.

SAN DIEGO, Cal.—City council declares inten. to imp Granada Ave., 29th St., Blair's Highland Addn., involv. 215,143.12 sq. ft. paving with 1½-in. Warrenite bitul. wearing surface on 2½-in. bitum. base; 1103.03 sq. ft. cem. conc walk; 1070.98 lin. ft. cem. conc. curb; 171.4 cu. yds. earth excav.; 9580.8 sq. ft. paving with 4-in. cem. conc.; 3 4-in. cem. sewer laterals. 1911 Act. Protest Sept. 24.

GLENDALE, Cal.—Until 7 p. m., Sept. 13, bids will be rec. by City Clerk A. J. Van Wie, to imp:

Dorsey and Stocker Sts., involv. 1256 lin. ft. grading; 23,000 sq. ft. macad. paving; 15,245 sq. ft. 5-in. macad.; 260 sq. ft. gutter.

Raymond Ave., involv. 1100 lin. ft. grading; 1964 lin. ft. curb; 5625 sq. ft. cem. walk; 1138 ft. 4-in. cast iron water pipe; 29,336 sq. ft. 3-in. macad.

Sonora Ave. and Kenneth Rd., involv. 1670 lin. ft. grading; 3395 lin. ft. curb; 16,050 sq. ft. walk; 53,085 sq. ft. 3-in. macad.; 3075 sq. ft. 5-in. macad. paving; 1610 lin. ft. 8-in. c. i. water pipe; 186 lin. ft. 2-in. galz. standard welded screw water pipe.

Six alleys in the business district involving 3525 lin. ft. grading; 122 lin. ft. curb; 14,144 sq. ft. gutter; 40,030 sq. ft. 6-in. asph. conc.; 125 lin. ft. 8-in. c. i. storm drain; 1638 lin. ft. 4-in. class B c. i. water pipe; 195 lin. ft. 2-in. galv. standard welded screw pipe; sewer lamp holes complete.

Work will be done under the Vrooman Act. Plans and spec. and full information may be obtained from City Engr. B. F. Dupuy.

HANFORD, Kings Co., Cal.—Until Sept. 11, 5 P. M., bids will be rec. by D. C. Williams, City Clerk, to imp. 8th St., bet. Phillips and Santa Fe Ave., and Santa Fe Ave. bet. 7th and Park Sts., grade; pave with 4-in. bituminous base with 1½-in Warrenite-Bit. surface; const. cem. curb and gutter. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Ben Duffield, City Eng.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

LOS ANGELES, Cal.—B. D. Baucus, 5307 8th Ave., submitted low bid to county at $15,707 to imp. Guaymas St., Kingsley Dr., Eleanor Ave., Barton Ave., and other streets under County Imp. No. 44, involv. 3153 cu. yds. excav. 70c yd.; 7521 lin. ft. curb 55c ft.; 30,093 sq. ft. walk 20c ft.; 13,379 sq. yds. oil and screenings roadway 25c yd. Other bids were:

C. D. Brown, 832 Lakme Ave., Wilmington—(1) 60c; (2) 54.8c; (3) 29.8c; $15,898.49.

Geo. Snyder, 402 Bradbury Bldg.—(1) 65c; (2) 63c; (3) 22c; (4) 30c; total, $17,421.84.

J. G. Beckjord, 718 San Fernando Bldg.—(1) 65c; (2) 65c; (3) 22c; (4) 30c; total $17,572.26.

Geo. J. Bock, 1250 S Gramercy Pl.—(1) 60c; (2) 63c; (3) 23¾c; (4) 36.5c; total $18,660.45.

W. D. McCray, 416 Am. Bank Bldg.—(1) 80c; (2) 65c; (3) 23c; (4) 35c; total $19,015.09.

LOS ANGELES, Cal.—Until 11 a. m., Sept. 17, (new date) bids will be rec. by supervisors to imp. county highway bet Palmdale and Pallett Creek, 111,152 lin. ft. or 21.1 mi., under R. D. I. No. 259 in Fifth Rd. Dist., comprising 10.7 mi. 6-in. asph. conc. paving 16-ft. wide; 8.1 mi. 6-in. disintegrated granite paving 16-ft. wide; 2.3 mi. graded roadway 24 ft. wide. Total est. cost, $460,093.80. Work involves 46,389 cu. yds. rock excav.; 97,800 cu. yds. earth excav; 110,924 lin. ft. shaping roadbed; 76,483 sq. yds. disintegrated granite pavement; clearing and grubbing; 100,293 sq. yds. 6-in. asph. conc. pavement; 2167 ft. 15-in.; 1894 ft. 18-in.; 705 ft. 24-in.; 225 ft. 30-in.; 61 ft. 36-in.; 106 ft. 48-in. corru. iron pipe; 488 cu. yds. conc. in headwall. Materials required are: 703 bbls. cem.; 315 tons sand; 581 tons gravel; 1858 lbs. reinf. steel; 76,483 sq. yds. disintegrated granite; pipe as above; 100,293 sq. yds. asph. conc; est. cost of materials $132,718.85.

SAN JOSE, Santa Clara Co., Cal. — San Jose Paving Co., San Carlos and Dupont Sts., San Jose, at $16,232 submits only bid to county supervisors to imp. Lawrence Station rd. in Rd. Dist. No. 4. Surveyor's est. $15,400. Bid rejected and work ordered done by day labor under supervision of county surveyor.

SAN DIEGO, Cal.—Calif. Constr. Co., San Diego, was awarded contr. by supervisors at $196,180 (using 5-in. asph. conc.) to pave 8.55 mi. of county highway from Fallbrook to San Diego-Riverside county line, 18 ft. wide.

Calif. Constr. Co. awarded cont. at $61,280 (using 5-in. asph. conc.) to pave 3.04 mi. of county highway from Bernardino to Escondido, 18 ft. wide. This contract was awarded for $1000 less than bid submitted because company made proviso that this sum would be deducted in case it secured two other jobs.

H. D. Churchill Co., 250 Merrick St., Los Angeles, awarded contr. at $255,959.92 (using 5-in. cem. conc.) for paving 9.89 mi. county highway Buenea to Bonsall, 18-ft. wide.

Calif. Constr. Co., San Diego, awarded contr. at $39,100 (using 5-in. cem. conc.) to pave 1.64 mi. in the city of Escondido, bet. Nutmeg and Lime Sts., 18-ft. wide.

LOS ANGELES, Cal.—Until 11 a. m., Sept. 11, bids will be rec. by supervisors to imp. county highway bet. Palmdale and Pallett Creek, 111,152 lin. ft. or 21.1 mi., under R. D. I. No. 259, in Fifth Rd. Dist. comprising 10.7 mi. 6-in. asph. conc. paving 16-ft. wide; 8.1 mi. 6-in. disintegrated granite paving 16-ft. wide; 2.3 mi. granite roadway 24-ft. wide. Total est. cost, $460,093.80. Work involves 46,389 cu. yds. rock excav.; 97,800 cu. yds. earth excav 110,925 lin. ft. shaping roadbed; 76,483 sq. yds. disintegrated granite pavement; clearing and grubbing; 100,293 sq. yds. 6-in. asph. conc. pavement; 2167 ft. 15-in.; 1894 ft. 18-in.; 705 ft. 24-in.; 225 ft. 30-in.; 61 ft. 36-in.; 106 ft. 48-in. corru. iron pipe; 488 cu. yds. conc. in headwall. Materials required are: 703 bbls. cem.; 315 tons sand; 581 tons gravel; 1858 lbs. reinf. steel; 76,483 sq. yds. disintegrated granite; pipe as above; 100,293 sq. yds. asph. conc.; est. cost of materials, $132,718.85.

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

Notice: **This product, originally announced as "Floorseal," will hereafter be known as "Fuller Floor Preservative."**

Fuller Floor Preservative

for Magnesite

MAGNESITE must be sealed because of its porous, crystalline structure. Fuller Floor Preservative penetrates deeply and seals magnesite thereby making it non-porous, oil and water-proof without affecting its color.

But Fuller Floor Preservative does more than seal. By filling the voids between the particles of magnesite a continuous, durable surface is formed which resists wear and tear. It prevents grinding-in of dust and dirt which causes the dark stains so often seen on magnesite. The eggshell gloss surface of Fuller Floor Preservative is easily kept clean and can be waxed, painted or varnished if desired.

Fuller Floor Preservative dries over night. If used on magnesite or any porous surface it can be walked on immediately without harming the finish. No skill is required to apply Fuller Floor Preservative. A night watchman or janitor can do it with a rag or brush making the cost of material the only cost.

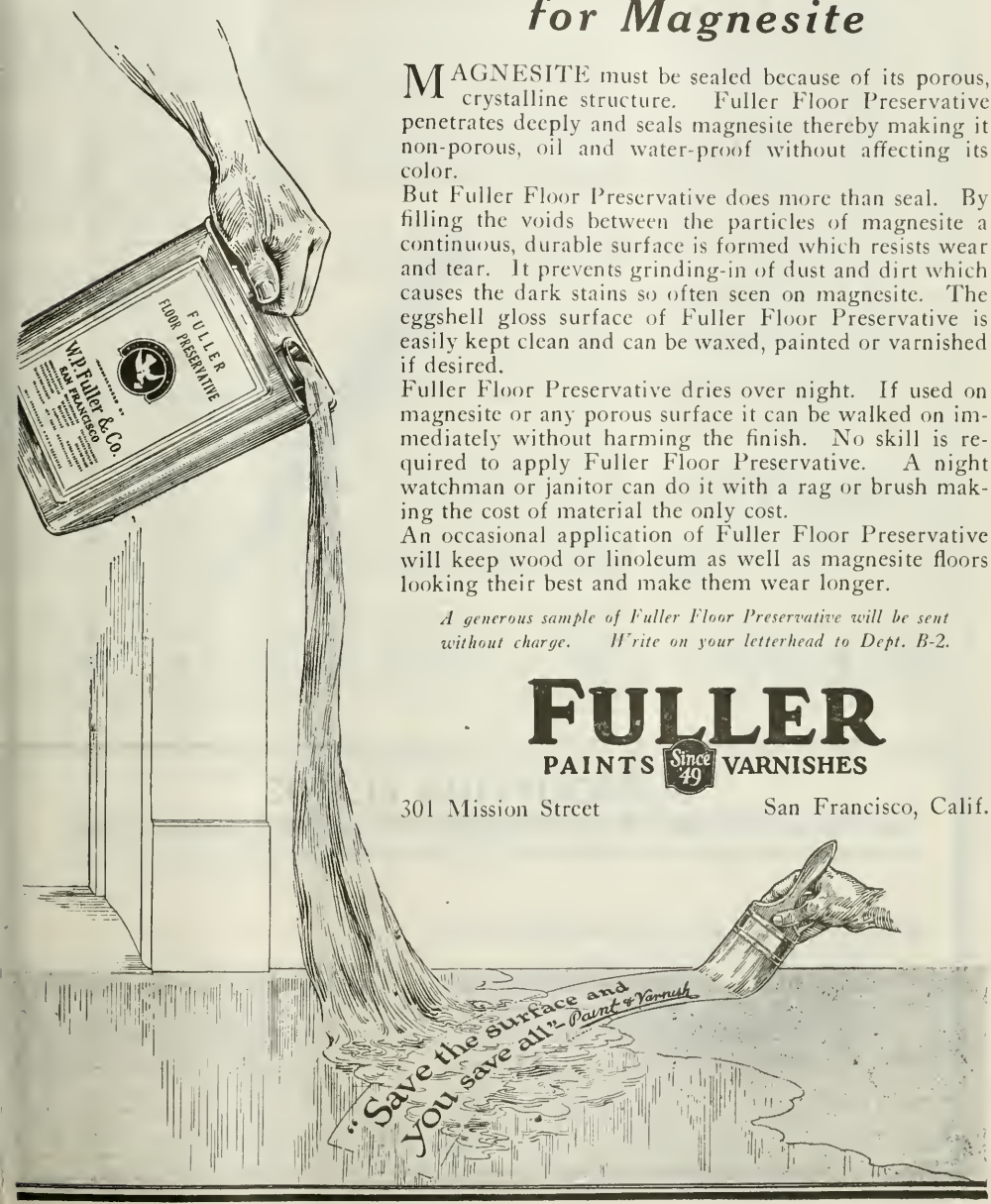
An occasional application of Fuller Floor Preservative will keep wood or linoleum as well as magnesite floors looking their best and make them wear longer.

A generous sample of Fuller Floor Preservative will be sent without charge. Write on your letterhead to Dept. B-2.

FULLER

PAINTS Since '49 **VARNISHES**

301 Mission Street San Francisco, Calif.



SAN FRANCISCO—Supervisors petitioned to construct sewer in district bounded by GreatHighway, Taraval, Rivera and Ortega Sts., est. cost $30,000

CARSON CITY, Nevada—Strange and Vallandingham, Salt Lake City, Utah, at $45,869.80 awarded cont. by State Highway Commission to grade, const. culverts and gravel surface unit bet. west Elko county line and Vivian. Other bids were: Palfreyman and Clyde, $48,866.50; King and Malone, Reno, Nevada, $52,058.50; Fred Coolidge, Laramie, Wyoming, $55,382.50; M. P. Armstrong, Reno, Nevada, $55,418.90; Fred H. Luetjens, Reno, Nevada, $62,780.50.

REDWOOD CITY, San Mateo Co., Cal. —City trustees will call election to vote bonds of approx. $10,000 to finance construction of 12-in. outfall sewer from from State Highway and Brewster Ave., to connect with main sewer system at Bradford and Main St. C. L. Dimmitt, city engr.

SAN RAFAEL, Marin Co., Cal.—Until Sept. 20, 8 P. M., bids will be rec. by Eugene W. Smith, City Clerk, to grade and pave 6th St., bet. B and C Sts. and bet. H St. and pt. 619 ft. easterly; 2-in. asph. conc. surface; 1,753 lin. ft. conc. curb; 66 ft. 6-in. vit. pipe sewer; 30 ft. 4-in. vit. pipe sewer; 3 corru. iron and conc. culverts; 185 ft. 10-in. vit. pipe storm drain; 2 conc. catchbasins; 1 6-in. lamphole and 248 lin ft. conc. retaining wall. 1915 Bond Act. Cert. check 10% payable to city req. Plans on file in office of clerk.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City Eng. Geo. A. Kneese, on petition of property owners, instructed to prepare plans to grade and pave streets in Lomita Park; Warrenite-Bit. surface pavement will be specified.

COLUSA, Colusa Co., Cal.—Oakland Sewer Const. Co., 1003 85th Ave., Oakland, at $5900 submits low bid to city trustees to const. conc. outfall sewer, involv. approx. 4200 lin. ft. 16-in. pipe. Taken under advisement.

PHOENIX, Ariz.—County Engr. J. L. Bone will make a complete surveyy of the proposed Black Canyon route during the month of Sept. The route will lead from Phoenix through Peoria to Black Canyon. Est. cost, $25,000.

COLUSA, Colusa Co., Cal.—City Trustees, B. L. McCue, Clerk, declare inten. to grade and gravel Fremont St. bet. Tenth St. and west city boundary line. 1911 Act. Protests Sept. 17.

PORTERVILLE, Tulare Co., Cal.—City Eng. Fred W. Pease preparing plans for imp. Morton, Harrison, Thurman, Cleveland, Garden, 2nd, 3rd, 4th, Hanrahan, W. Bellview, D and Vine Sts., involving approx. 650,000 sq. ft. paving.

SONORA, Tolumne Co., Cal.—See "Schools," this issue.

SAN DIEGO, Cal.—City council declares inten. to imp. Ray, Dwight and Wightman Sts., involving 60,047.6 sq. ft. pavement with 1½-in. asph. conc. wearing surface on 5-in. conc. base; 61,902.4 sq. ft. paving with 1½-in. asph. conc. wearing surface on 4-in. conc. base; 1243.76 lin. ft. cem. conc. curb; 5502.6 sq. ft. cem. conc. walk; 1 4-in. cem. sewer lateral; 1 6-in. cem. sewer lateral; 1911 Act. Protests Sept. 24.

SAN JOSE, Santa Clara Co., Cal. — City council plans election to vote bonds to finance construction of outfall sewer. Wm. Popp, city eng.

CARSON CITY, Nevada—State Highway Commission, Geo. W. Borden, ch. eng., has rejected bids rec. for projects 25 and 70 to grade, const. culverts and a concrete and steel overhead r. r. crossing and placing cem. conc. and selected material surface bet. Keystone and East City Limits of Ely. Bids have been ordered re-advertised under two separate units, to be opened Sept. 19. For quantities involved see bids wanted report in this issue.

LOS ANGELES, Cal.—Until 10 a. m., Sept. 17, bids will be rec. by Bd. Pub. Wks. to const. san. sewer in 58th Pl., betw. Angeles Mesa Dr. and 130 ft. east of West Blvd., involv. cem. pipe sewer, of 6-in. to 10-in. dia.; Vrooman Act.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., submitted low bid to hoard of harbor commissioners for paving Canal Ave. and wharves under spec. 514, at 15c sq. ft. for work under Sec. A; 12c sq. ft. work under section B; 12c and 23c sq. ft. for work under Sec. C; 12c sq. ft. Sec. D; Hill-Hubbell Co. bid 35c sq. ft. Sec. B; 31c sq. ft. Sec. C; 32c sq. ft. Cec. D. Warren Constr. Co. bid 25c sq. ft. Sec. A; 33c sq. ft. part of Sec. C. Work involves 20,300 3-in. bitum. pavement over conc. base now in place; 3340 sq. ft. 2-in. bitum. pavement over wooden wharf deck now in place at wharf extension at Berth 187; 40,400 sq. ft. 2-in. bitum. pavement over wooden wharf deck now in place at wharf at Berth 154; 51,200 sq. ft. 5-in. pavement over sand fill; 9600 sq. ft. 2-in. pavement over wooden wharf deck now in place at wharf at

CARSON CITY, Nevada—Ken Hodgman, Winnemucca, Nevada, at $31,-144.50 awarded cont. by State Highway Commission to place selected material surface bet. Pancake Summit and Illipah. Other bids were: Strange & Vallandingham, Salt Lake City, Utah., $32,-253; Fred H. Luetens, Reno, Nevada, $36,784.50; Nevada Contracting Co., Fallon, Nevada, $37,358.

LOS ANGELES, Cal.—Council orders const. of Boyle Hts. Storm Sewer System No. 2, embracing portions of Fickett St., Guirdo St., 6th St., Camulos St., Savannah St., 1st St., Michigan Ave., Saratoga St., Folsom St., Evergreen Ave., portions of other streets, involv. reinf. conc. pipe bet. 24-in. and 66-in. dia. and cem. pipe bet. 21-in. and 18-in. Vrooman Act.

SAN DIEGO, Cal.—Council declares inten. to imp. Ivy, 31st and Fern Sts., involv. 85,513.3 sq. ft. paving with 1½-in. asph. conc. wearing surface on 4-in. cem. conc. base; 2256.3 sq. ft. conc. curb, 1911 Act. Protest Sept. 24.

LOS ANGELES, Cal.—Council orders imp. of O'Farrell St., bet. Pacific Ave. and Grand Ave. and bet. Grand Ave. and Gaffey St.; etc., grade and pave with 6-in. conc; const. curb, walk, gutter, 2 catch basins; 51 ft. 12-in. cem. pipe connecting drain; 25 6-in. vit. pipe hse. sewers; Vrooman Act.

SANTA ANA, Cal.—Council declares inten. to imp. W 5th St., bet. N Baker and N Artesia Sts., grade and pave pavement; also paving portions with 6-in. conc; constructing 181 ft. main 8-in. sewer; 62 hse. connections of 4-in. vit. pipe; conc. manhole, lampholes, etc.; 1911 Act. E. L. Vegeley, city clerk.

SAN JOSE, Santa Clara Co., Cal.—County supervisors order spec. prepared to Imp. 24th St., bet. San Antonio and William and Julian St., bet. city limits and Stockton Ave., in city of San Jose.

LOS ANGELES, Cal—C. D. Brown, 832 Lakme St., Wilmington awarded cont. by supervisors at $10,758 to imp. Amestoy Ave., bet. Hobart and Guaymas Sts., etc., under county imp. No. 27, involv. 1753 cu. yds. excav. at 60c yd; 7243 lin. ft. curb at 54.8c ft.; 28,970 sq. ft. walk at 19.8c sq. ft. Other bids were: B. D. Baucus, $11,004.75; J. G. Beckjord $12,685.80; P. E. Martter, $12,205.56; Geo Snyder, $12,075.94.

TORRANCE, Cal.—City council declares inten. to imp. Martina Ave., bet. Carson St. and 220th St., and portions of 218th St., Manuel Ave., Watson Ave. etc., grade and pave with 1-in. Willite wearing surface on 3-in. asph. concr. base; const. conc. curbs; 1911 Act. A. H. Bartlett, city clerk.

SANTA ANA, Cal.—City trustees petitioned to pave Lacy St., bet. First and Fourth Sts., with 5-in. concrete.

LOS ANGELES, Cal.—Until 11 a. m., Sept. 24, bids will be rec. by supervisors to const. asph. conc. pavement, cem. conc. curbs, on roads in county farm. Cert. check or bond 10%.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Announcing our Removal

TO LARGER AND MORE COMMODIOUS QUARTERS WHICH WILL GREATLY ENHANCE OUR PRINTING FACILITIES AND WILL ENABLE US TO RENDER A MORE EFFICIENT SERVICE AND TAKE BETTER CARE OF OUR GROWING VOLUME OF BUSINESS.

The Mercury Press
Printers and Publishers
818 Mission St., San Francisco

When in need of Printing of any kind call up

GARFIELD 3140

Let us Serve You and Serve You Right

Publishers of

Daily Pacific Builder - Building and Engineering News
Larsen Advance Construction Reports - Official Building Laws of San Francisco

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3337	Esmiol	Ponsero	3000
3338	Keenan	Todd	3000
3339	Stephanson	Disston	3000
3340	Irwin	Owner	5000
3341	Swift	Magill	6500
3342	Williams	Sandow	7000
3343	de Maria	Stephenson	3000
3344	Hotel Owners	Decker	1262
3345	Same	Sugarman	3675
3346	Youth's	Guilfoy	2955
3347	Stempel	Magill	9000
3348	Price	Owner	6000
3349	Shell	Owner	1400
3350	Shell	Owner	1400
3351	Sullivan	Owner	4000
3352	Costello	Owner	5000
3353	Urban	Leonard	10000
3354	Same	Same	9000
3355	Sullivan	McCormick	10000
3356	Schlaes	Cahill	75000
3357	Dominquez	Cameron	1500
3358	Wakron	Capper	1880
3359	Pacific Coast	Owner	16000
3360	Roman	Church	12900
3361	Schmitt	Wiander	5165
3362	Selinger	Owner	5000
3363	St. Elizabeths	Owner	10000
3364	Herzog	Meyer	4000
3365	Wissman	Meyer	16000
3366	Boyd	Baschke	898
3367	P G & E	Montague	10734
3368	Gibeau	Owner	1500
3369	Janssen	Owner	7000
3370	Archbishop	McLaughlin	7000
3371	Elliot	Owner	10000
3372	Lawler	Christiansen	5000
3373	Corsiglia	Sourch	4800
3374	Cunningham	Pearson	1500
3375	Ferroggiaro	Pasqualetti	2000
3376	Kleber	Stroth	2761
3377	McCarthy	Backman	2650
3378	P G & E	Spencer	121227
3379	Rhode	Gillogley	5775
3380	Broad	Wenr	1200
3381	Banks	Fink	4900
3382	Halsen	Owner	3000
3383	Arnott	Owner	8000
3384	Arnott	Owner	3000
3385	Leigh	Owner	7000
3386	Pasqualetti	American	9000
3387	Arnott	Owner	8000
3388	Borstal	Vukicevich	2950
3389	Standard	Owner	1000
3390	Foge	Vukicevich	2950

ALTERATIONS
(3337) NO. 1301 STOCKTON. Alterations and repairs for store.
Owner—A. Esmiol, Premises.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—V. Ponsero, 10 Stark St., San Francisco. $3000

DWELLING
(3338) S NORIEGA 82-6 E Ninth Ave. One-story and basement frame dwelling.
Owner—E. T. Keenan, % Contractor.
Plans by Contractor.
Contractor—S. Todd, 115 Noriega St., San Francisco. $3000

ALTERATIONS
(3339) NO. 1380 TWENTY-SEVENTH Ave. Move dwelling to front of lot and add 4 rooms.
Owner—A. Stephanson, Premises.
Architect—None.
Contractor—A. E. Disston, 122 4th Ave., San Francisco. $3000

DWELLING
(3340) W SANTA PAULA AVE 300 S Portola Drive. One-story and basement frame dwelling.
Owner—J. J. Irwin, 801 Cabrillo St., San Francisco.
Architect—None. $5000

FRAME FLATS
(3341) N TARAVAL 35 W Eighteenth Ave. Two-story and basement frame (2) flats.
Owner — Mrs. A. Swift, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $6500

FRAME FLATS
(3342) E FRANKLIN 112-6 N Green. Two-story and basement frame (2) flats.
Owner — Dr. J. E. Williams, 303 16th Ave., San Francisco.
Architect—None.
Contractor—Harry L. Sandow, 709 25th Ave., San Francisco. $7000

ADDITIONS
(3343) NO. 2211 DIVISADERO ST. Minor additions and alterations for apartments.
Owner—Mrs. Harriet de Maria, Prem.
Designer—Owner
Contractor — Stephenson & Merrigan, 2626 26th Ave., S. F. $3000

ELECTRICAL WORK
(3344) E FOLSOM AND FALMOUTH NE 90xSE 160. All electrical work for two-story and mezzanine reinforced concrete building.
Owner—H. Fourcade, J. Capdeville and E. Barbe (as Hotel Owners Laundry Ass'n.), 722 York St., S. F.
Architect—Frederick H. Meyer and Albin R. Johnson, 742 Market St., San Francisco.
Contractor—Decker Electrical Constr Co., 149 New Montgomery St., San Francisco.
Filed Aug. 30, '23. Dated Aug. 1, '23.
On 1st of each month..... 75%
Usual 35 days.....$255
TOTAL COST, $1262
Bond, $631. Surety, United States Fidelity & Guaranty Co. Limit, 100 days. Forfeit, none. Plans and specificatione filsd.

(3345) PLUMBING DRAINAGE water supply system and fixtures on above.
Contractor — E. Sugarman Co., 4415 California St., San Francisco.
Filed Aug. 30, '23. Dated Aug. 22, '23.
Payments same as above..... ...
TOTAL COST, $3675
Bond, $1850. Surety, Globe Indemnity Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(3346) CORNER CHURCH & NINEteenth No. 720 Church St. All work for alterations to Youth's Directory.
Owner—Youth's Directory, Premises.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractor — Guilfoy Cornice Works, 209 8th St., San Francisco.
Filed Aug. 30, '23. Dated Aug. 29, '23.
On completion $2216
Usual 35 days..... 739
TOTAL COST, $2955
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

APARTMENTS
(3347) W NINTH AVE 200 S Geary. Two-story and basement frame (4) apartments.
Owner—R. J. Stempel, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $9000

SHOP
(3348) S BRYANT 166 W Second St Two-story Class C reinforced concrete shop.
Owner—M. J. Price, 630 20th Ave., San Francisco.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco. $6000

SERVICE STATION
(3349) NW HOWARD & SEVENTH. One-story steel auto service station.
Owner—Shell Co. of California, 343 Sansome St., San Francisco.
Plans by Owner. $1400

STATION
(3350) NE DUBOCE AND MARKET. One-story steel auto service station.
Owner—Shell Co. of California, 343 Sansome St., San Francisco.
Plans by Owner. $1400

DWELLING
(3351) W LISBON 100 N Geneva. One-story and basement frame dwelling.
Owner—Timothy D. Sullivan, 927 Hampshire St., San Francisco.
Architect—None. $4000

FRAME FLATS
(3352) N ANZA 56-6 W Seventeenth Ave. Two-story and basement frame (2) flats.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $5000

RESIDENCES
(3353) E LUNADA WAY 82 and 132 S Lunada Court.
W LUNADA WAY 330, 380 and 430 S Mercedes. Five two-story and basement frame residences.
Owner — Urban Realty Improvement Co., 39 Montgomery St., S. F.
Architect—H. H. Gutterson, 39 Montgomery St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., S. F. $10,000 ea

RESIDENCE
(3354) N LUNADA COURT 150 E Lunada Way. One-story and basement frame residece.
Owner — Urban Realty Improvement Co., 39 Montgomery St., S. F.
Architect—H. H. Gutterson, 39 Montgomery St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St, S. F. $9000

FRAME FLATS
(3355) E CLAYTON 125 S Fulton. Two-story and basement frame (2) flats.
Owner—Patrick Sullivan, 1522 Waller St., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 73 Hill St., San Francisco. $10,000

GARAGE
(3356) S ELLIS 137-6 W Mason. Two story and basement reinforced concrete garage.
Owner—W. M. Schaels, 110 Sutter St., San Francisco.
Engineer—L. H. Nishkian, 853 Monadnock Bldg., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco. $75,000
NOTE—Height of this structure will be increased to four stories at a later date.

ALTERATIONS
(3357) NO. 458 FOURTH AVE. Alterations and additions to flats.
Owner—Joseph Dominguez, Premises.
Plans by Contractor.
Contractor—D. Cameron, 2124 Market St., San Francisco. $1500

DWELLING
(3358) W PLYMOUTH AVE 200 W Grafton. One-story and basement frame dwelling.
Owner—Jonh Wakron, 4145 19th St., Oakland.
Architect—None.
Contractor—M. Capper, 2356 California St., San Francisco. $1880

ADDITION
(3359) SEVENTH AND IRWIN STS. Erect steel frame addition for factory.
Owner—Pacific Coast Glass Works, Premises.
Engineer—Warren E. Murray, 826 Merchants' Exchange Bldg., San Francisco. $16,000

GLASS WORK
(3360) N FILBERT 137-6 E Powell E 137-6xN 160. Art glass, storm glass and ventilators for St. Peter's and Paul's Church.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—Charles Fantoni, 550 Montgomery St., San Francisco.
Contractor—Church Art Glass Co., 361 Waller St., San Francisco.
Filed Aug. 31, '23. Dated Aug. 27, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $12,900
Bond, $6450. Surety, Math. McManus and D. F. Supple. Limit, Oct. 1, 1924. Forfeit, $10. Plans and specifications filed.

FRAME BLDG.
(3361) E SEVENTENTH AVE 85 N Cabrillo N 27 ——. All work for one-story and basement frame building.
Owner—H. C. Schmitt.
Architect—None.
Contractor—Emil Wiander, 41 Coleridge St., San Francisco.
Filed Aug. 31, '23. Dated Aug. 30, '23
Frame up $1291.25
Rough plumbing in and brown coated 1291.25
Completed and accepted.... 1291.25
Usual 35 days.....1291.25
TOTAL COST, $5165.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME FLATS
(3362) W SEVENTEENTH AVE 42 S Irving. Two-story and basement frame (2) flats.
Owner—A. M. Selinger, 1601 Irving St., San Francisco.
Architect—None. $5000

LAUNDRY
(3363) SE VAN NESS AND FILBERT Two-story and basement concrete laundry.
Owner—St. Elizabeth's Infant Hospital 2630 Van Ness Ave., S. F.
Architect—Leo J. Devlin, 759 Pacific Bldg., San Frantisao. $10,000

DWELLINGS
(3364) W FORTY-FIRST AVE 250, 275 and 300 S Anza. Three one-story and basement frame dwlgs.
Owner—G. Herzog, 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000 each

DWELLINGS
(3365) W THIRTY-FIFTH AVE 25 & 50 S Cabrillo.
S CABRILLO 95 W 35th Ave.
SW THIRTY-FIFTH AND CABRILLO. Four one-story and basement frame dwellings.
Owner—H. Wiessman, 5326 Geary St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000each

ALTERATIONS, ETC.
(3366) W EMBARCADERO bet. Market and Mission No. 64 Embarcadero. Cleaning up and alterations to store except painting, shades and fixtures.
Owner—Boyd Investment Co., 255 California St., San Francisco.
Architect — Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—A. W. Buschke and W. G. Brown, 185 Stevenson St., S. F.
Filed Sept. 1, '23. Dated Aug. 29, '23.
Vestibule framed up.....$350
Completed and accepted..... 319
Usual 35 days..... 229
TOTAL COST, $898
Bond, $449. Sureties, John Cervi and Thos. De Pass. Limit, 15 days. Forfeit, $10. Plans and specifications filed.

EXCAVATION, ETC.
(3367) LOT 58 BLK BDED BY STEVENSON, 5th, Jessie and 6th Sts. All work for excavation, erection of bulkheads, shoring and barricades for steam heating station "P"
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—P. Montague, 180 Jessie St., San Francisco.
Filed Sept. 1, '23. Dated Aug. 30, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $10,734
Bond, $5370. Sureties, Hartford Accident & Indemnity Co. Limit, 35 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3368) NO. 1231 CASTRO. General repairs for dwelling.
Owner—Mrs. C. Gibeau, Premises.
Architect—None. $1500

FRAME FLATS
(3369) N ANZA 107-6 E Nineteenth Ave. Two-story and basement frame (2) flats.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $7000

BLEACHERS
(3370) SW ST. ROSE'S AND MASONIC Ave. Erect bleachers.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—None.
Contractor—James L. McLaughlin, 251 Kearny St., San Francisco. $7000

DWELLINGS
(3371) E FORTY-FIFTH AVE 120 & 149 N Anza. Two one-story and basement frame dwellings.
Owner—Elliot & Grant, 180 Jessie St., San Francisco.
Architect — Milton W. Morrison, 716 41st Ave., San Francisco. $5000 ea

FRAME FLATS
(3372) E TWENTY-FOURTH AVE 55 N California. Two-story and basement frame (2) flats.
Owner—Isabella Lawler, % Contractor
Architect — Christiansen Bros., 518 25th Ave., San Francisco.
Contractor — Christiansen Bros., 518 25th Ave., San Francisco. $5000

FRAME FLATS
(3373) W HARRIETT 125 S Bryant. Two-story and basement frame (2) flats.
Owner—Guisepe Corsiglia, 30 Harriett St., San Francisco.
Plans by Contractor.
Contractor—T. A. Sourch, 1733 Palou Ave., San Francisco. $4800

ALTERATIONS
(3374) NO. 1158 SANCHEZ. Raise dwelling and remodel for garage; underpin, etc.
Owner—Mrs. Cunningham, Premises.
Architect—None.
Contractor—Pearson & Johnson, 2031 Bryant St., San Francisco. $1500

ALTERATIONS
(3375) E JONES 100 S Sutter. Change store fronet quarters for 2-room apartment and office.
Owner—A. J. Ferroggiaro, % Bank of Italy, San Francisco.
Architect—W. Wethered, 16 Turk St., San Francisco.
Contractor—G. B. Pasqualetti, 2330 Larkin St., San Francisco. $2000

ALTERATIONS
(3376) NO. 1037 FOURTEENTH. Remodel Romeo flats for residence.
Owner—J. Kleber, Premises.
Architect—None.
Contractor—E. C. Stroth, 469 14th St., San Francisco. $2761

BUNGALOW
(3377) S FLOOD AVE 125 E Foerster E 25xS 112-6 Lot 12 Blk 18, Sunnyside. All work for four-room bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—Johan W. and Ernest B. Backman, 537 Chenery St., S. F.

Filed Sept. 4, '23. Dated —.
30 days after frame up..... 25%
30 days after brown coated.. 25%
30 days after seomplete and accepted 25%
30 days thereafter..... 25%
TOTAL COST, $2650
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ELEVATORS, ETC.
(3378) E MARKET AND BEALE NE 137-6xSE 138-2. All work for six electric passenger elevators and 1 sidewalk elevator for building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—Spencer Elevator Co., 166 7th St., San Francisco.
Filed Sept. 4, '23. Dated Aug. 24, '23.
Guide rails installed..... 25%
On delivery of elevator machines 50%
Usual 35 days..... 25%
TOTAL COST, $121,227
Bond. $70,000. Surety, Westinghouse Electric & Mfg. Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(3379) N TARAVAL 82-6 W Twentieth Ave W 25xN 100. All work for one story and basement frame bldg.
Owner—Dorothy and Otto A. Rohde, 88 Elgin Park, San Francisco.
Architect—None.
Contractor — J. W. Gillogley, 745 San Jose Ave., San Francisco.
Filed Sept. 4, '23. Dated Sept. 4, '23.
Rough frame up.....$1082
Brown coated 1082
White coat and outside carpenter work completed 1082
Completed 1085
Usual 35 days..... 1444
TOTAL COST, $5775
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(3380) FORTY-EIGHTH AVE (Sunset) All work for alterations to building.
Owner—Mary F. L. Broad, 1643 48th Ave., San Francisco.
Architect—None.
Contractor—Fred H. Wehr, 469 Fell St. San Francisco.
Filed Sept. 4, '23. Dated Aug. 11, '23.
TOTAL COST, $1200
Bond, limit, forfeit, plans and specifications, none.

ALTERATIONS
(3381) NO. 4641 MISSION ST. Remove partitions in store; alter front; install vault for bank.
Owner—Bank of Italy, Clay and Montgomery Sts., San Francisco.
Architect—H. Minton, % Bank of Italy Clay and Montgomery Sts., S F.
Contractor—The Fink & Schindler Co., 228 13th St., San Francisco. $4900

DWELLING
(3382) S TARAVAL 82-6 E Twenty-third Ave. One-story and basement frame dwelling.
Owner—Halsen & Sioblom, 37 Fair Ave., San Francisco.
Architect—None. $3000

DWELLINGS
(3383) E THIRTY-FIRST AVE 180 & 210 S Lincoln Way. Two one-story and basement frame dwlgs.
Owner—Jas. A. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000 each

DWELLING
(3384) W MIRAMAR 225 N Lakeview. One-story and basement frame dwelling.
Owner—Jas. A. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $3000

MARKET
(3385) SW CABRILLO AND FORTY-fifth Ave. One-story frame market
Owner—David Leigh & Benj. Schmier, 840 44th Ave., San Francisco.
Architect—Baumaun & Jose, 251 Kearny St., San Francisco. $7000

FRAME FLATS
(3386) W LYON 102-8¼ N Sacramento Two-story and basement frame (2) flats.
Owner—Jos. Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor — American Concrete Co., 785 Market St., S. F. $9000

DWELLINGS
(3387) NW HAROLD AND HOLLOWay and N Holloway 25 W Harold Two one-story and basement frame dwellings.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000 each

UNDERPIN
(3388) NE MISSION AND FIFTH Sts. Brick and concrete underpinning for two-story brick bldg.
Owner — F. Von Borstal, 898 Mission St., San Francisco.
Architect—None.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco. $2950

STATION
(3389) SE MISSION AND RUSSIA. One-story steel gasoline service station.
Owner—Standard Oil Co., 225 Bush St. San Francisco.
Plans by Owner. $1000

SHORING, ETC.
(3390) NE MISSION AND FIFTH STS. Shoring, underpinning and bulkheading for two-story brick bldg.
Owner—J. M. Foge and F. Von Borstel, 898 Mission St., San Francisco.
Architect—None.
Contractor—Vukicevich & Bagge, 185 Stevenson St., San Francisco.
Filed Sept. 5, '23. Dated Aug. 28, '23.
Completed and accepted.....$2212 50
Usual 35 days..... 737.50
TOTAL COST, $2950.00
Bond, limit, forfeit, plans and sppecifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Aug. 30, 1923—GREENWICH 150 W Baker 25x100. Herbert R Riemer to Theo S Hoin.....Aug. 26, 1923

Aug. 30, 1923—N FULTON 107-6 E Twentieth Ave E 25xN 100. Max A and Anna Krause to whom it may concern.....Aug. 29, 1923

Aug. 30, 1923—SW NORIEGA AND Ninth Ave W 57-6xS 50. D M Coghlan to whom it may concern.. .....August 30, 1923

Aug. 30, 1923—SE CHERRY AND Jackson E 117-6 to pt of beg E 29-6 xS 127-8¼. Harry C Warwick to whom it may concern..Aug. 28, 1923

Aug. 30, 1923—LOT 9 BLK 3111, Lot 21 Blk 3196, Lot 5 Blk 3112, Lot 16 Blk 3113, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Aug. 28, 1923

Aug. 31, 1923—NE NEWTON 225 SE Morse NE 110 with irregular depth of 145 Lot 10 Blk 7, Syndicates 1st Addition. John Bjorkman to whom it may concern.....Aug. 31, 1923

Aug. 31, 1923—E ANDERSON 75 N Ogden Ave N 25xE 70 Lot 291 Gift Map 2. Gus Johnson to whom it may concern.....Aug. 31, 1923

Aug. 31, 1923—NO. 924 CHENERY. Samuel Jones to E P Burman..... .....August 26, 1923

Aug. 31, 1923—W THIRTY-THIRD Ave 125 S Cabrillo S 32xW 120. J F Dowling to whom it may concern.....August 30, 1923

Aug. 31, 1923—SW LAKE AND Twenty-third Ave W 57-6xS 100. Otto Anderson to whom it may concern.....August 30, 1923

Aug. 31, 1923—E SAN FERNANDO Way 120 S Monterey Blvd. Bernard B Stimmel to C F Parker.... .....Aug. 30, 1923

Aug. 31, 1923—NW TENTH AND Natoma. Merton J Price to Fred Moller .....Aug. 27, 1923

Aug. 31, 1923—SE FILLMORE AND Ellis 71xS 83. Joel Investment to John Spargo.....Aug. 25, 1923

Aug. 31, 1923—NO. 604 MONTGOMery. 701 Post St., 775 Post, 2400-2402 Steiner. The Schmiedell Est Co to E P Norman.....Aug. 29, 1923

Aug. 31, 1923—SE PINE AND Stockton E 57-6xS 60. Emma Meyer to Gilley Schmidt Co. Inc.. .....August 31, 1923

Aug. 31, 1923—E UTAH 102-2 N Nineteenth. Margeret L Delnert to M E Greene.....Aug. 24, 1923

Sept. 1, 1923—S MINNA 75 W Fourth S 75x W50. F J Klerick to The Mission Concrete Co....Aug. 22, 1923

Sept. 1, 1923—W ELEVENTH AVE 275 S Balboa. A T Morris to whom it may concern.....Aug. 31, 1923

Sept. 1, 1923—PTN LOT 11 BLK 25, St. Francis Wood Extn. No. 2. Garden Homes Co to Taylor & Jackson.....Aug. 27, 1923

Sept. 1, 1923—E BRYANT AND CEnter place NE 25xSE 81. Smith O'Brien and C B Hobson to Mission Concrete Co.....Aug 3, 1923

Sept. 1, 1923—W SANSOME 46-10⅞ m or 1 N Sutter N 91-6xW 122-6. Anglo & London Paris National Bank to Cyclops Iron Works.... .....August 20, 1923

Sept. 1, 1923—S FOLSOM AND Seventh SW 160xSE 90. Kernan Robson to J S Malloch.....—

Sept. 1, 1923—E FIFTEENTH AVE 125 N Judah N 25xE 127-6. Byrd O Smith to whom it may concern.. .....August 29, 1923

Sept. 1, 1923—W TWENTY-FIFTH Ave 150 and 125 N Cabrillo N 25x W 120. James O Maxon to whom it may concern.....Aug. 29, 1923

Sept. 1, 1923—NW GROVE & COLE N 40xW81-3. Joseph G Mortoza Jr to F A Larenze.....Aug. 31, 1923

Sept. 1, 1923—SE HARRISON 155 SW Fourth SW 25xSE 80. Edward and Henrietta Lewis to Chas Schwarz .....Sept. 1, 1923

Sept. 4, 1923—W SIXTEENTH AVE 171 S California 25x120. Strand & Strand to whom it may concern..—

Sept. 4, 1923—N TURK 87-6 E Hyde E 50xN 137-6. Christopher C Miller to Frank J Klimm.....Aug. 31, 1923

Sept. 4, 1923—E SOLELLO AVE, bet. Yosemite and Santa Rita Aves 39-2 x100 Lot 17 Blk 21, Forest Hill. G P Anderson to Charles Stockholm & Sons.....Aug. 21, 1923

Sept. 4, 1923—NE McALLISTER & Leavenworth 62-6xS87-6. Mrs. Anita Grimm to C T Merchant, H L Petersen, Alexander Coleman and A Knowles.....Aug. 29, 1923

Sept. 4, 1923—LOTS 11, 1H and 1G having frontage on N Dewey Blvd xW 100 Ptn Blk 2, Forest Hill. Margaretha J Koenig to whom it may concern.....Sept. 4, 1923

Sept. 4, 1923—S SUTTER 217-6 E Montgomery E 57-6 S 119-4½ m or 1 SW 71-0½ N 154-9⅞ m or 1 to beg. Provident Securities Co to A Knowles.....Sept. 1, 1923

Sept. 4, 1923—LOT 2 BLK 23, Sunnyvale Hd Assn. Wm J Lindecker to whom it may concern..Aug. 31, 1923

Sept. 1, 1923—W BDY LINE SAN Pablo Ave 7.44 S alg W bly line San Pablo Ave from intersection with line dividing Lots 11 and 12 Blk 25 rung S 80° 41' 41" W 78 33 to W bly line Lot 11 and rung S 31° 26' 36 E and following dividing line bet. Lots 10 and 11 Blk 25 54.99 to W bdy line San Pablo Ave and rung N and following W bdy line San Pablo Ave 57.56 to beg being Ptn Lot 11 Blk 25, St. Francis Wood Extn No. 2. Garden Homes co to Chas L Taylor and Wm H Jackson (as Taylor & Jackson .....Aug. 27, 1923

Sept. 5, 1923—S CHESTNUT 30 E Octavia E 51-3xS 57-6. Alfred E Hind to whom it may concern... .....Sept 5, 1923

Sept. 5, 1923—SE BUSH & SANSOME America Fore Bldg. or 6 Sansome. 97x97. The Continental Ins Co and Fidelity Phoenix Fire Ins Co to D Zelinsky & Sons.....Sept. 4, 1923

Sept. 5, 1923—LOT 121 BLK 1, Oscar Heyman & Brothers Sub Ptn West End Map No. 1. Alexander Tiscornia to William E Grosman.... .....August 29, 1923

Sept. 5, 1923—NW WOOLSEY 82 NE Brussells NE 25xN W100 Ptn Blk 10, University Md. Olof Carlson to H Pearson.....Sept. 4, 1923

Sept. 5, 1923—W FORTY-FIRST AVE 200 S Balboa S 25xW 120. Ulysses S Simonds to whom it may concern .....Sept. 4, 1923

Sept. 5, 1923—SE PACIFIC & TAYlor S 30xE 90. Luis Blum to whom it may concern.....Sept. 1, 1923

Sept. 4, 1923—NW PARIS 25 SW Brazil Ave SW 75 NW 85 NE 25 SE 10 NE 50 SE 75 Ptn Lot 8 Blk 12, Excelsior Hd. Assn. Francis W Huller to whom it may concern... .....August 31, 1923

Sept. 5, 1923—NW JERSEY AND Chattanooga W 25xN 67 H A 63. Rosa Goddard to Joel Johnson.....

Sept. 5, 1923—NW BRYANT AND Sixteenth No. 1618 Bryant. Joshim Sass to H A Sertenstein. Sept. 5, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Aug. 30, 1923—NW VAN NESS AVE and Bush N 60xW 100. Stelling & Smith vs P E Blalack, Fred W Hallman, Thomas J Pearce and A L Stone.....$113

Aug. 30, 1923—NW VAN NESS AVE and Bush N 60xW 100. John P O'Brien vs A L Etone and P E Blalack.....$1121.46

Aug 30, 1923—E CHERRY 119-6¼ N Washington N 40xE 117-9. John P O'Brien vs Helen S Levy and A L Stone.....$1048

Aug. 30, 1923—E CHERRY 119-6¼ N Washington N 40xE 117-9. Anderson Bros Planing Mill & Mfg Co vs A L Stone and Helen S Levy..$562.10

Aug. 30, 1923—NE THIRD 55 SE Mission SE 25 NW 25 SW 77. Button & Manning vs Benj and Ernest Blumenthal and A Kordoulis.$310.80

Aug. 31, 1923—S BUSH 190 E Pierce E 36-6xS 137-6. Malott & Peterson vs Geo A Williams and Gus and Annie Herdt.....$128

Aug. 31, 1923—E NINTH AVE 50 N Judah N 50xE 95. Malott & Peterson vs C J Gibson.....$398

Aug. 31, 1923—E CHERRY 119-6¼ N Washington N 40xE 117-9. A L Stone, $7180; J P Hayes Glass Co, $216.65; R J Williams Gas Richmond Concrete Co.), $556.75; Geo N Zaro, $474.95; Art Tile & Mantel Co, $355 vs Helen S Levy.....

Aug. 31, 1923—E CHERRY 119-6¼ N Washington N 40xE 117-9. Palace Hardware Co, $113.62; The California Door Co, $434.60; Pope & Talbot, $1783.40 vs A L Stone and Helen S Levy.....

Aug. 31, 1923—E CHERRY 119-6¼ N Washington N 40xE 117-9. Gladding-McBean & Co vs Helen S Levy and A L Stone.....$330

Sept. 1, 1923—E CHERRY 119-6¼ N Washington N 40xE 117-9 Gilley Schmid Co vs A L Stone and Helen S Levy.....$431

Sept. 4, 1923—E EIGHTEENTH AV 200 S Anza S 25xE 120. Chesney & Estner vs Gertrude M and Peter A Reimus.....$195

Sept. 5, 1923—E NINTH AVE 50 N Judah N 50xE 95. Marshall & Stearns Co. $450; M Stulsaft Co, Heating Dept., $1464 vs James C Gibson.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Aug. 30, 1923—SE MARKET 78 NE Sixth NE 98-6xSE 170. Estelle and Henry D Meyer as to improvements on property.....

Aug. 30, 1923—SE SUTTER AND Grant Ave S 137-6xE 275. Alice Phelan Sullivan Corp as to improvements on property.....

Aug. 31, 1923—NE FRANKLIN & Washington N 60xE 124. Grace Perego as to improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4010	Parkinson	Owner	2200
4011	Fulmer	Thaxter	4000
4012	Porter	Ahnefeld	7000
4013	Marquis	Owner	3250
4014	Jackson	Larmer	5850
4015	Mitchell	Larimer	5850
4016	English	Patton	2500
4017	Cal.	Gettys	2500
4018	Owens	Owner	3500
4019	Johnson	Owner	3500
4020	Anderson	Ness	6000
4021	Ingrash	Morris	6000
4022	Chambers	Owner	2500
4023	Bickford	Owner	1500
4024	Bacus	Owner	1500
4025	Cross	Christensen	60000
4026	Vaughn	Owner	3800
4027	Houch	Owner	5000
4028	Mills	Nordstrom	1500
4029	Comper	Barnes	3750
4030	Thiele	Owner	7800
4031	Woodburn	Owner	5000
4032	Marshall	Owner	6000
4033	Reeves	Owner	18000
4034	Bruzzone	Scott	21400
4035	Feige	Field	3233
4036	S P	Hutchinson	- -
4037	Collender	Bradhoff	5000
4038	Pacific	Kulchar	5000
4039	Moura	Patricio	1200
4040	Shemmel	Owner	1000
4041	Nelson	Frazen	1500
4042	Knife	Knife	2500
4043	Laynahan	Maurer	6500
4044	Behlen	Owner	5000
4045	Adams	Raines	1800
4046	Fraizer	Owner	2000
4047	Johanson	Owner	1500
4048	Dashill	Owner	3500
4049	Parks	Owner	2800
4050	Ramires	Owner	1400
4051	Draker	Cal	1500
4052	Nunemacker	Owner	29000
4053	Johanson	Wlehen	6000
4054	Marquis	Owner	4400
4055	Johanson	Owner	26000
4056	Ruedy	Sebling	2000
4057	Allen	Rodrigues	2000
4058	City	Manseau	10000
4059	Taylor	Cal.	12500
4060	Dietle	Legualt	11000
4061	Kaelin	Christensen	56122
4062	Evans	Owner	2000
4063	McCoy	Owner	9000
4064	McGraw	Pinkerton	3275
4065	Delucchi	Grunewald	2800
4066)	Loynahan	Maurer	7993
4067	Mohr	Owner	8000
4068	Rice	Ilce	3200
4069	Schomich	Boeddeker	2000
4070	First	Thrke	3500
4071	Mugenfind	Owner	3000
4072	Benson	Whitford	5000
4073	Gomes	Leonardo	3500
4074	Cabral	Leonard	2000
4075	Wuthe	Carrington	2000
4076	Ehrman	Owner	3500
4077	Clarke	Owner	2200
4078	Sander	Andersen	5000
4079	Muller	Nichols	2500
4080	Burke	Owner	1500
4081	Gayum	Owner	1500
4082	Muller	Nichols	2500
4083	Jones	Darling	9200
4084	Feckets	Owner	1000
4085	Mortensen	Mills	5500
4086	Johnston	Owner	4000
4087	Gaubert	Owner	5000
4088	Wilson	Wilson	1100
4089	Wilson	Wilson	2400
4090	Nevby	Owner	5000
4091	Roeger	Irish	5000
4092	Schumacher	Owner	3500
4093	Buhman	Owner	3500
4094	Pelazzo	Boeddeker	3193
4095	Averill	Jenkins	11600
4095	Cal	Gettys	1000
4096	Nibel	Owner	3500
4097	De Normandie	Martin	4000
4098	Woolsey	Howard	2000
4099	Gastman	Owner	3000
4100	S F & O T	Owner	1000
4101	Flick	Owner	4000
4102	Carpenter	Owner	4250
4103	Feal	Maganini	9000
4104	Pennock	Horton	7200
4105	Gardner	Owner	3000
4106	Howey	Gray	1200
4107	West	Owner	14000
4108	Buckman	Owner	2000
4109	Webber	Campbell	1500
4110	Jones	Owner	3000
4111	Tarkins	Owner	2000
4112	Coakley	Furlong	1700
4113	Cheney	Van Horn	3500
4114	Lenz	Derby	3000
4115	Barry	Lester	4000
4116	McIntier	Owner	8000
4117	McDonald	Sommarstrom	8000
4118	Esteves	McCord	4400

DWELLING
(4010) 2311 DERBY ST., Berkeley. 1-story 5-room dwelling.
Owner—G. W. Parkinson, 2842 Telegraph Ave., Berkeley.
Architect—None. $2200

DWELLING
(4011) 2726 HILLEGASS, Berkeley. 1-story 5-room dwelling.
Owner—L. K. Fulmer, premises.
Architect—None.
Contractor—F. W. Thaxter 3029 Regent St., Berkeley. $4000

DWELLING
(4012) 1959 MARIN, Berkeley. 1-story 6-room dwelling.
Owner—H. W. Porter, 708 Pamona Ave. Berkeley.
Architect—None.
Contractor—Harry Ahnefeld, 1969 Marin, Berkeley. $7000

DWELLING
(4013) 1430 EDITH, Berkeley. 1-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Berkeley.
Architect—None. $3250

STORES
(4014) 1909-11 SHATTUCK, Berkeley. 1-story brick stores.
Owner—C. Jackson.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Piedmont. $5800

STORES
(4015) 1915-17 SHATTUCK AVE, Berkeley. 1-story brick stores.
Owner—Mabel Mitchell.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Piedmont. $5850

ADDITION
(4016) 2001 HASTE ST., Berkeley. Additions.
Owner—B. B. English, premises.
Architect—None.
Contractor—Patton & Kelso, 533 46th St., Oakland. $2500

DWELLINGS
(4017) 906 908 CEDAR 1609 1637 SEVenth St., 1612 8th St., Berkeley. 5 1-story 2-room dwellings.
Owner — California Subdivision Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—W. H. Gettys, Oakland. $500 each

DWELLING
(4018) 1444 SIXTY-SIXTH ST., Berkeley. 1-story 5-room dwelling.
Owner—G. W. Owens, 1105 Santa Clara Ave., Alameda.
Architect—None. $3500

DWELLING
(4019) NO. 1041 FIFTY-NINTH ST, Oakland. One-story 5-room dwlg
Owner—H. E. Johnson, San Leandro.
Architect—None. $3500

DWELLING
(4020) W KENYON ROAD 100 N Hilgirt Circle, Oakland. Two-story 7-room dwelling.
Owner—A. E. Anderson, 2025 11th Ave. Oakland.
Architect—None.
Contractor—Peter Ness, 4639 El Centro St., Oakland. $6000

DWELLINGS
(4021) N SUTTER 200 W 39th Ave. S FULLERTON 200 E Thirty-ninth Ave., Oakland. Two one-story 5-room dwellings.
Owner—M. K. Ingrach, 4151 Fullerton St., Oakland.
Architect—None.
Contractor—S. Morris & Son, 649 Mariposa Ave., Beerkeley. $3000 each

DWELLING
(4022) NW FIFTY-FIFTH & ADEline Sts., Oakland. One-story 4-room dwelling.
Owner—J. F. Chambers, Plaza Bldg., Oakland.
Architect—None. $2500

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C Samuels Co JEWELERS
33 Kearny 895 Market

DWELLING
(4023) S NEY AVE 100 W Diana St., Oakland. One-story 4-room dwlg.
Owner—F. C. Bickford, 1616 Concordia St., Alameda.
Architect—None. $1500

DWELLING
(4024) NO. 3618 HOPKINS ST., Oakland. One-story 3-room dwlg.
Owner—S. L. Bacus, 4022 Agua Vista St., Oakland.
Architect—None. $1500

STORES, ETC.
(4025) E BROADWAY 150 N 20th St., Oakland. Three-story brick and steel stores and lofts.
Owner—R. H. Cross, Mills Bldg., S. F.
Architect—R. Vane Woods, 505 17th St., Oakland.
Contractor—H. J. Christensen, 505 17th St., Oakland. $60,000

DWELLING
(4026) NO. 69 SEQUOIA AVE., Oakland. One-story 5-room dwlg.
Owner—W. T. Vaughn, 4190 Opal St., Oakland.
Architect—None. $3800

DWELLING
(4027) NO. 4630 SAN SEBASTIAN, Oakland. One-story 6-room dwlg.
Owner—H. L. Houch, 4609 Dolores St., Oakland.
Architect—None. $5000

GARAGE, ETC.
(4028) SE BEULAH AND McCLELland, Oakland. Garage and waiting station.
Owner—Mills College.
Architect—W. H. Ratcliff, First Nat'l. Bank Bldg., Berekeley.
Contractor—David Nordstrom, 4146 Emerald St., Oakland. $1500

ALTERATIONS
(4029) NO. 556 TWENTY-NINTH ST., Oakland. Alterations.
Owner—H. Comper, Excelsior & Athol Sts, Oakland.
Architect—None.
Contractor—Barnes & Place, 310 Fairmount Ave., Oakland. $3750

DWELLINGS
(4030) N LOCUST 100 and 135 W Seventy-ninth Ave., Oakland. Two one-story 5-room dwellings.
Owner—F. J. Theile, 2905 Madison St., Alameda.
Architect—None. $3900 each

DWELLING
(4031) 1109 CLARENDON CRESCENT Oakland, 1-story 6-room dwelling.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. $5000

DWELLING
(4032) E ROSS ST. 30 N Florio St., Oakland. 1-story 6-roo mdwelling.
Owner—H. Marshall, 581 48th St., Oakland.
Architect—None. $6000

DWELLINGS
(4033) N PORTER ST. 200 & 340 E 39th Ave.
4031-37-43-49-55-61-67 PORTER ST Oakland, 9 1-story 4-room dwlgs.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2000 each

GARAGE
(4034) SE COR. SEVENTH & FILHERT Sts. E 100 S 95-9¾, Oakland. All work for 1-story bric kgarage.
Owner—L. C. Bruzzone and D. Boero.
Architect—A. W. Smith, Am. Bank Bldg Oakland.
Contractor—G. A. Scott, 685 23rd St., Oakland.
Filed Aug. 30, 1923. Dated Aug. 29, 1923
Walls ready for trusses ..... ¼
Shop part ready for use ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $21,400
Bond, $11,000; Sureties, Alice M. Scott and carl Doell; Bonus, $10 day; Forfeit, $10 day; Limit, Dec. 22; Plans and specifications filed.

ALTER & ADDITION
(4035) W HIGH ST. 50 N Carrington St., Oakland. Alt. & Add. (add 1 sto. to dwelling make flats)
Owner—E. K. & Jennie Felge, premises
Architect—None.
Contractor—Fred H. Field, 572 62nd St., Oakland.
Filed Aug. 30, 1923. Dated Aug. 16, 1923
Roof completed $800
Brown coated 800
Completed and accepted 800
Usual 35 days 833
TOTAL COST, $3233
Bond, Sureties, Forfeit, none; Limit, 50 days; Plans and specifications filed.

GRADING
(4036) STONEHURST BRANCH, Oakland. Grading.
Owner—S. P. Co.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
Filed Aug. 29, 1923. Dated Aug. 28, 1923.
Each month 75%
Usual 35 days 25%
TOTAL COST, 8½c per cu. yd.
Bond, $1200; Sureties Globe Indemnity Co.; Forfeit, none; Limit 30 days; Plans and specifications filed.

GARAGE
(4037) NO. 2036 CHANNING WAY, Berkeley. One-story hollow tile garage.
Owner—Howard S. Collender.
Architect—W. T. Steilberg, 1 Panoramic Way, Berkeley.
Contractor—C. O. Bradhoff, 911 55th St., Oakland. $5000

ALTERATIONS
(4038) SW THIRTEENTH & WASHington, Oakland. Alterations.
Owner—Pacific Stores Corp.
Architect—None.
Contractor—S. Kulchar Co., 8th Ave. & E-10th Sts., Oakland. $5000

DWELLING
(4039) E SIXTY-FIRST AVE 28 N Orion St., Oakland. One-story 4-room dwelling.
Owner—Antonio S. Moura, 5918 Orion St., Oakland.
Architect—None.
Contractor—J. Patricio, 5625 Vesta St. Oakland. $1200

DWELLING
(4040) NW TWENTY-SECOND AVE and E-29th St., Oakland. One-story 3-room dwelling.
Owner—H. E. Shemmel, 2211 E-29th St., Oakland.
Architect—None. $1000

ADDITION
(4041) NO 2324 PERALTA AVE., Oakland. Addition.
Owner—Mary E. Nelson, 734 9th St., Oakland.
Architect—None.
Contractor—J. V. Frazen, Premises. $1500

DWELLING
(4042) NO. 4135 KANNING ST., Oakland. One-story 5-room dwlg.
Owner—John Knipe, Premises.
Architect—None.
Contractor—This. Knipe, 906 106th Ave., Oakland. $2500

DWELLING
(4043) NO. 1006 SUNNYHILLS ROAD Oakland. Two-story 7-room dwlg.
Owner—Mrs. E. Laynahan, 3530 Park Blvd., Oakland.
Architect—None.
Contractor—Geo. J. Maurer Co., 177 Ridgeway Ave, Oakland. $6500

DWELLING
(4044) S ENTRADA AVE 90 E Piedmont, Oakland. One-story 5-room dwelling.
Owner—H. B. Belden, 1437 Broadway, Oakland.
Architect—None. $5000

DWELLING
(4045) E SEVENTY-SIXTH AVE 550 N E-14th St., Oakland. One-story 4-room dwelling.
Owner—O. L. Adams, 1486 77th Ave., Oakland.
Architect—None.
Contractor—H W. Raines, 1486 77th Ave., Oakland. $1800

DWELLING
(4046) E MONTGOMERY ST. 500 N Mather, Oakland. One-story five-room dwelling.
Owner—Clifford Fraizer, 2909 McClure Ave., Oakland.
Architect—None. $2000

DWELLING
(4047) E SUMMIT DRIVE bet. Carson and Glen Road, Oakland. One-story 4-room dwelling.
Owner—G. Johanson, 5615 College Ave., Oakland.
Architect—None. $1500

DWELLING
(4048) E HAVENSCOURT BLVD 120 .. Avenal, Oakland. One-story 5-room dwelling.
Owner—E. L. Dashiell, 1666 67th Ave., Oakland.
Architect—None. $3500

DWELLING
(4049) S HOLWAY 285 E Seminary, Oakland. 1-story 5-room dwelling.
Owner—D. N. Parks, 476 Crescent St., Oakland.
Architect—None. $2800

DWELLING
(4050) E SEVENTY-SECOND AVE Columbia Park, Oakland. 1-story 4-room dwelling.
Owner—Antone Ramirez, 4415 72th Ave Oakland.
Architect—None. $1000

APARTMENTS
(4051) S BOND ST. 200 W Fairfax Ave Oakland. 2-story 16-room apts.
Owner—T. B. Draper.
Architect—None.
Contractor — Cal. Builders Co., 1534 Franklin St., Oakland. $15,000

FLATS
(4052) 2688 2690 2700 2702 2694 AND 2696 Harrison Blvd., Oakland. 3 2-story 10-room flat bldgs.
Owner—A. H. Nunemacker, 792 19th Ave., San Francisco.
Architect—None. $9000 each

DWELLING
(4053) 708 CALMAR AVE., Oakland 1-story 7-room dwelling.
Owner—E. B. Johnson, 916 55th St. Oakland.
Architect—None.
Contractor—A. C. Wieben, 839 Rosemont Ave., Oakland. $6000

DWELLINGS
(4054) 1601 1605 1609 1615 1619 1623 72nd Ave., Oakland. 6 1-story 5-rm dwellings.
Owner—E. M. Marquis, 2827 Russell St Berkeley.
Architect—None. $2200 each

DWELLINGS
(4055) 2716-20-24-28-32-36-40-44-48-5 78th Ave., Oakland. 10 1-story 4 room dwellings.
Owner—K. A. Johanson, 2429 13th Ave. Oakland.
Architect—None. $2600 each

DWELLING
(4056) 5554 HILTON ST., Oakland. 1 story 4-room dwelling.
Owner—E. Ruedy, 5520 Hilton St., Oakland.
Architect—None.
Contractor—Wm. Sebling, 1249 49th Ave Oakland. $200

DWELLING
(4057) 2932 MINNA AVE., Oakland. 1 story 4-room dwelling.
Owner—W. C. Allen, 1211 51st Ave Oakland.
Architect—None
Contractor—J. Rodrigues, 1409 47th Av Oakland. $200

CLUB HOUSE
(4058) MUNICIPAL GOLF LINKS Oakland. 1-story club house.
Owner—City of Oakland.
Architect—None.
Contractor—John J. Manseau, 1949 E 27th St., Oakland. $10,00

APARTMENTS
(4059) S SANTA CLARA 180 E Fairmont Ave., Oakland. 2-story 16-rm apartments and garage.
Owner—W. R. Taylor.
Architect—None.
Contractor — Cal. Builders Co., 153 Franklin St., Oakland. $12,50

STORES & APTS.
(4060) E FRUITVALE AVE. 103 Lynde St., S 47 E 125, Oakland. A work for 2-story stores and apts.
Owner—U. O. Dietle, 2105 23rd Ave Oakland.
Architect—None.
Contractor—Oliver Legault, 96 Morte St., Oakland.

Filed Aug. 31, 1923. Dated Aug. 28, 1923
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $11,000
Bond, Sureties, none; Forfeit, $5 day; Limit, 90 days; Plans and specifications filed.

LAUNDRY, ETC.
(4061) SW TWENTY-THIRD AVE & Boehmer S 150xW 250, Oakland. All work for one-story and mezzanine brick laundry and one-story brick boiler house and garage.
Owner—J. R. Kealin, 1933 5th Ave., Oakland.
Architect—None.
Contractor—H. J. Christensen, 505 17th St., Oakland.
Filed Aug. 31, '23. Dated Aug. 29, '23.
Brick up to mezz height.....$ 7000
Roof on 10,000
Concrete floor completed.... 12,000
Completed and accepted..... 13,122
Usual 35 days..... 14,000
TOTAL COST, $56,122
Bond, none. Limit, 90 days. Forfeit, $25. Plans and specifications filed.

DWELLING
(4062) 5536 EDGERLY, Oakland. 1-story 4-room dwelling.
Owner—A. E. Evans, 5534 Edgerly St., Oakland.
Architect—None. $2000

DWELLINGS
(4063) 2310 - 16 - 22 SIXTY-FOURTH Ave., Oakland. 3 1-story 4-room dwellings.
Owner—Chas. P. McCoy, 4314 View St., Oakland.
Architect—None. $3000 each

DWELLING
(4064) 816 FIFTY - SEVENTH ST., Oakland. 1-story 5-room dwelling.
Owner—E. T. McGraw.
Architect—None.
Contractor—J. A. Pinkerton, 1931 Berryman St., Berkeley. $3275

DWELLING
(4065) S FIFTY-NINTH ST. 200 W Racine St., Oakland. 1-story 4-room dwelling.
Owner—Mrs. M. Delucchi, 432 Broadway St., Oakland.
Architect—None.
Contractor—F. Grunewald, 5408 Bryant Ave., Oakland. $2800

DWELLING
(4066) LOT 24 BLK 6 LAKESHORE Highlands, Oakland. All work for 2-story frame dwelling.
Owner — Thomas E. Loynahan, 3530 Park Blvd., Oakland.
Architect—Schirmer Bugbee Co., Thayer Bldg., Oakland.
Contractor — Geo. Maurer & Thos. D. Courtright (Geo. J. Maurer Co.) 177 Ridgeway, Oakland.
Sheathed .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $7993
Bond, $4000; Sureties, Chas. M. Courtright and Katherine C. Huggins; Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLINGS
(4067) NO 539 AND 543 SAN FERnando, Berkeley. Two one-story 6-room dwellings.
Owner—Geo. L. Mohr, 1810 Shattuck Ave., Berkeley.
Architect—None. $4000 each

DWELLING
(4068) NO. 2119 DERBY ST., Berkeley Two-story 5-room dwelling.
Owner—Mrs. N. M. Rice, 1514½ Milvia St., Berkeley.
Architect—None.
Contractor—Geo. F. Rice, 1514½ Milvia St., Berkeley. $3200

DWELLING
(4069) S SAN CARLOS 190 E Courtland, Oakland. 1-story 4-room dwlg
Owner—A. Schomich, 1268 47th Ave., Oakland.
Architect—None.
Contractor—Joe Boeddecker, 1814 34th Ave., Oakland. $2000

CHURCH
(4070) 819 ATHENS PLACE, Oakland. Church.
Owner—First Spiritual Church, prem.
Architect—None.
Contractor—A. C. Thrke, 416 19th St., Oakland. $3500

DWELLING
(4071) 1531 FIFTY-SECOND AVE., Oakland. 1-story 5-room dwelling.
Owner—W. C. Nugenfind, 5115 Bond St. Oakland.
Architect—None. $3000

DWELLING
(4072) W THORNHILL 100 N Moraga Rd., Oakland. 1-story 6-room dwlg.
Owner — Mrs. Helen W. Benson, 4191 Opal, Oakland.
Architect—None.
Contractor—W. T. Whiteford, 421 42nd St., Oakland. $5000

DWELLING
(4073) 1429 SEVENTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Manuel Gomes, 2626 11th St., Oakland.
Architect—None.
Contractor—F. J. Leonardo, 1462 86th Ave., Oakland. $3500

DWELLING
(4074) 1300 EIGHTY-FOURTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Joe Cabral, 3916 Allendale Ave. Oakland.
Architect—None.
Contractor—F. J. Leonardo, 1467 86th Ave., Oakland. $2000

ALT. & ADDITION
(4075) 1407 E-FIFTEENTH ST., Oakland. Alteration and addition.
Owner—Mrs. A. H. Wuthe, premises.
Architect—None.
Contractor—H. Carrington 2602 Adeline St., Oakland. $2000

DWELLING
(4076) E SIXTY-NINTH AVE. 300 S Avenal, Oakland. 1-story 5-room dwelling.
Owner—J. P. Ehrman, 1734 69th Ave., Oakland.
Architect—None. $3500

DWELLING
(4077) S BISSELL ST. 500 W 73rd Ave. Oakland. 1-story 4-room dwelling.
Owner—F. E. Clarke, 1st Natl Bank Bldg., Oakland.
Architect—None. $2200

DWELLING
(4078) NE COR. WELLINGTON AND Division, Oakland. 2-story 7-room dwelling.
Owner—Lula R. Sanders, 3750 Park Blvd., Oakland.
Architect—None.
Contractor—H. C. Andersen, 1229 Pearl St., Alameda. $5000

DWELLING
(4079) 1939 EIGHTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner—H. H. Muller, 83rd Ave. and Plymouth, Oakland.
Architect—None.
Contractor—H. J. Nichols, 7710 Foothill Blvd., Oakland. $2500

ADDITION
(4080) 3101 EASTMAN AVE., Oakland Addition.
Owner—T. S. Burke, premises.
Architect—None. $1500

DWELLING
(4081) 3317 TALBOT AVE., Oakland. 1-story 4-room dwelling.
Owner—B. Gayum, premises.
Architect—None. $1500

DWELLING
(4082) 1933 EIGHTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner—H. A. Muller.
Architect—None.
Contractor—H. J. Nichols. $2500

DWELLINGS
(4083) 915 917 FORTY-SIXTH ST., Oakland. 2 1-story 6-room 2-family dwellings and garage.
Owner—A. R. Jones, 3925 46th St., Oakland.
Architect—None.
Contractor — Darling & Petersen, 229 14th St., Oakland. $4600 each ,Garage $650

DWELLING
(4084) N MT. BLVD. 165 E Admiral Way, Oakland. 1-story 4-room dwlg
Owner—S. J. Peckets, Oakland.
Architect—None. $1000

DWELLING
(4085) E MAXWELL 200 N Brookdale Oakland. 1-story 7-room dwelling.
Owner—A. M. Mortensen, 2252 E-22nd St., Oakland.
Architect—None.
Contractor—Mills & Jones, 3555 Laurel Ave., Oakland. $5500

DWELLING
(4086) 5261 BELVEDERE AVE., Oakland. 1-story 6-room dwelling.
Owner—Mrs. T. Johnston, 4128 Carrington Ave., Oakland.
Architect—None. $4000

DWELLING
(4087) SW COR. HAVENSCOURT & Avenal, Oakland. 1-story 5-room dwelling.
Owner—N. Gaubert, 1910 40th Ave., Oakland.
Architect—None. $5000

DWELLING
(4088) 1323 EIGHTY-FOURTH AVE., Oakland. 1-story 3-room dwelling.
Owner—Mrs. A. Wilson, 1455 86th Ave., Oakland.
Architect—None.
Contractor—Albert Wilson, 1455 86th Ave., Oakland. $1100

DWELLING
(4089) 1319 & 1327 EIGHTY-FOURTH Ave., Oakland. 2 1-story 3-room dwellings.
Owner—Mrs. A. Wilson, 1455 86th Ave., Oakland.
Architect—None.
Contractor—Albert Wilson, 1455 86th Ave., Oakland. $1200 each

DWELLING
(4090) NE COR. EIGHTY-SIXTH AVE and Dowling, Oakland. 1-story 6-room dwelling.
Owner—P. A. Newby, 2263 Auseon Ave. Oakland.
Architect—None. $5000

DWELLING
(4091) NW COR. ALMA & MATHEWS Rd., Oakland. 1½-story 5-rm. dwlg.
Owner—Anna M. Roeger, Hotel Oakland.
Architect—None.
Contractor—N. J. Irish, 5306 Boyd Ave. Oakland. $5000

DWELLING
(4092) S SANTA RAY 583 W Paloma Oakland. 1½-story 6-room dwelling
Owner—E. A. Schumacher, 6450 Colby Oakland.
Architect—None. $3500

DWELLING
(4093) E BARTLETT 50 S Lynde, Oakland. 1-story 5-room dwelling.
Owner—P. J. Buhman, 2412 Palmetto St., Oakland.
Architect—None. $3500

DWELLING
(4094) NE COR. FORTY-SIXTH AND Ignacio St., Oakland. All work except plumbing and sewering for 1-story 5-room dwelling.
Owner—Antone & Caroline Palazzo 2028 E-22nd St., Oakland.
Architect—None.
Contractor—Jos. Boeddeker, 1814 34th Ave., Oakland.
Filed Sept. 4, 1923. Dated Aug. 6, 1923.

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Roof sheathed $800
Brown coated 800
Int. ready for paint 500
Completed and accepted 518
Usual 35 days 875
TOTAL COST, $3493
Bond, Sureties, Forfeit, none; Limit, 65 days; Plans and specifications filed.

BUILDING
(4095) SE COR. TENTH AND ALICE Sts, S 100 E 54-4, Oakland. 1-story class C building.
Owner—F. N. Averill.
Architect—R. W. Jenkins.
Contractor—Barett & Hilp., 918 Harrison St., San Francisco.
Filed Sept. 4, 1923. Dated Aug. 20, 1923.
1st and 15th each month.....75%
Usual 35 days 25%
TOTAL COST, not over $11,600
Bond, $5800; Sureties, Albert Lachman and Harry W. Gaetjen; Forfeit, $10 day Limit, 75 days; Plans and specifications filed.

DWELLINGS
(4095) NO. 1513 AND 1643 SEVENTH St., Berkeley. Two one-story 2-room dwellings.
Owner—Cal. Subdivision Co., Syndicate Bldg., Berkeley.
Architect—None.
Contractor—W. G. Gettys $500 ea

DWELLING
(4096) NO. 1511 HOPKINS, Berkeley. One-story 5-room dwelling.
Owner—Geo. S. Nibel, 1913 Grove St., Berkeley.
Architect—None. $3500

DWELLING
(4097) NO. 1324 McGEE ST., Berkeley One-story 5-room dwelling.
Owner—Harold de Normandie, 1136 Sutter St., Berkeley.
Architect—None.
Contractor—Roy V. Martin, 1616 25th Ave., Oakland. $4000

DWELLING
(4098) NO. 1508 TACOMA, Berkeley. One-story 5-room dwelling.
Owner—Wm. Woolsey.
Architect—None.
Contractor—F. H. Howard, 882 Peralta St., Berkeley. $2000

DWELLING
(4099) NO. 2556 REGAL ROAD, Berkeley. Two-story 4-room dwelling
Owner — H. H Gastman, 1263 Euclid Ave., Berkeley.
Architect—None. $3000

WAITING ROOM
(4100) NW HOPKINS AND THE Alameda, Berkeley. One-story waiting room.
Owner—S. F. & O. T. Railway.
Architect—None. $1000

DWELLING
(4101) NO. 839 HEARST AVE., Berkeley. One-story 5-room dwlg.
Owner—A. A. Flick, Premises.
Architect—None. $4000

DWELLING
(4102) NO. 2232 DERBY, Berkeley. One-story 6-room dwelling.
Owner—E. E. Carpenter, Hotel Whitecotton, Berkeley.
Architect—None. $4250

ALTERATIONS
(4103) NO. 456 CENTRAL AVE., Alameda. Alterations and additions.
Owner—Joseph Teal, 757 Santa Clara Ave., Alameda.
Architect—None.
Contractor—J. F. Maganini, 603 36th St., Oakland. $9000

DWELLINGS
(4104) NO. 1236 AND 1240 POST ST., Alameda. Two one-story 5-room dwellings.
Owner—H. Pennock, 3214 Encinal Ave., Alameda.
Architect—None.
Contractor—J. D. Horton, 581 9th St., Oakland. $3600 each

DWELLING
(4105) NO. 1110 VERSAILLES, Alameda. One-story 5-room dwelling
Owner—R F. Gardner, 1115 College Ave., Alameda.
Architect—None. $3000

ALTERATIONS
(4106) NO. 2024 SAN JOSE AVE., Alameda. Alterations.
Owner—C. E. Hovey, Premises.
Architect—None.
Contractor—S. L. Gray, 1033 Fountain St., Alameda. $1200

FLATS
(4107) NO. 881 YORK ST., Oakland. Two-story 16-room flats.
Owner — E. W. West, 4026 Brighton Ave., Oakland.
Architect—None. $14,000

ADDITION
(4108) NO. 3863 WHITTLE ST., Oakland. Addition.
Owner—E. T. Bucknam, Premises.
Architect—None. $2000

DWELLING
(4109) E EIGHTY-SIXTH AVE 139 N G St., Oakland. One-story 4-room dwelling.
Owner—M. Webber, 938 86th Ave., Oakland.
Architect—None.
Contractor — Hayes & Campbell, 1107 92nd Ave., Oakland $1500

DWELLING
(4110) E PERALTA AVE 40 S Montana St., Oakland. One-story 5-room dwelling.
Owner—Edw. S. Jones, 2102 Montana St., Oakland.
Architect—None. $3000

DWELLING
(4111) E ABBEY 200 S Allendale St., Oakland. One-story 5-room dwlg.
Owner—F. E. Larkins, 832 Park Way, Oakland.
Architect—None. $2000

ALTERATIONS
(4112) NO 725 RAND AVE., Oakland. Alterations and erect garage.
Owner—J. Coakley, Premises.
Architect—None.
Contractor—Thos. Furlong, 557 El Dorado Ave., Oakland. $1700

DWELLING
(4113) S ELBERT 210 S Everett, Oakland. 1-story 5-room dwelling.
Owner—E. A. Cheney, 1898 6th Ave., Oakland.
Architect—None.
Contractor—D. W. Van Horn, 5935 Mauretania, Oakland. $3500

ADDITION
(4114) 1328 FRUITVALE AVE., Oakland. Addition.
Owner—J. and L. Leny, premises.
Architect—None.
Contractor—H. C. Derby, 1237 Derby Ave., Oakland. $3000

DWELLING
(4115) 5800 MORESE DRIVE, Oakland 1-story 6-room dwelling.
Owner—Bernie Barry, 1042 E-11th St., Oakland.
Architect—None.
Contractor—W. A. Lester, 1245 50th Av. Oakland. $4000

DWELLING
(4116) E WOODRUFF 110-160 N Hampel, Oakland. 2 1-sto. 5-rm. dwlgs.
Owner—H. W. McIntier, 1528 Franklin St., Oakland.
Architect—None. $4000 each

FLATS
(4117) W LINDEN 200 N 26th St., Oakland. 2-story 10-room flats.
Owner—Annie P. Macdonald, 306 14th St., Oakland.
Architect—None.
Contractor — Sommarstrom Bros. Co., 306 14th St., Oakland. $8000

DWELLING
(4118) LOT 57 MAP SAN ANTONIO Court, San Leandro. All work for 1-story 2-family dwelling.
Owner — Roland Esteves and Antone Fernandez, San Leandro.
Architect—None.
Contractor—E. J. McCord, San Leandro
Filed Sept. 5, 1923. Dated Sept. 1, 1923.
Execution contract $250
Frame up .....¼ of bal.
Brown coated .....¼ of bal.
Completed and accepted....¼ of bal.
Usual 35 days .....¼ of bal.
TOTAL COST, $4400
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Acce

Aug. 30, 1923—LOT 20 BLK 2, Thou and Oaks Court, Berkeley. H Go anson to whom it may concern. .....August 30,

Aug. 30, 1923—LOT 25 BLK 6 Ma East Piedmont Heights, Oaklan Carrie G Davis to whom it ma concern.....August 30,

Aug. 30, 1923—N HAMPEL 371 Woodruff Ave E 40 NE 85.55 N 42.53 SW 99.98, Oakland. Chest S and Edna V Nichols to whom may concern.....Aug. 29,

Aug. 30, 1923—LOT 16 Map Marsha Tract, Oakland. Walter H a Bertha V Lowell to F W Thaxter .....August 29,

Aug. 31, 1923—LOT 3 BLK "" Amended Map Moss Tract, Oa land. H A Russell to whom it ma concern.....Aug. 30,

Aug. 31, 1923—N SIXTY-SECOND S 114 E Telegraph Ave, Oaklar Edwin F Such to California Bull ers Co.....Aug. 30,

Aug. 31, 1923—LOT 11 BLK 14, R sbdvn Hollywood, — G R Blg ingame to whom it may concer .....August 30,

Aug. 30, 1923—W CLAY 50 N 16th S N 50xW 75, Oakland. A S a Amy Furth Lavenson to F Muller.....Aug. 28,

Sept. 1, 1923—LOT 9 AND 12½ Lo 10 Blk 17, Regent Park No Albany. Howard O Kinsey to Fr F Sprow.....Aug. 30,

Sept. 1, 1923—W CALIFORNIA 273 S Addison S 50.12 W 129.25, Be keley Meinrad & Euphrosi Fuchs to A Hendricksen.Aug. 31

Sept. 1, 1923—LOT 2 BLK 17 M North Cragmont, Berkeley. Jo and Mrs. Jennie McAravy to Osc I Runnels.....Aug. 23,

Sept. 1, 1923—PTN LOT 3 BLK "" East Piedmont Heights, Oaklar Paul A Houy to C E Bardwell .....Sept. 1,

Sept. 1, 1923—LOT 27 BLK "O" Ma well Park. Oakland. Jack Hogan to whom it may concern .....August 31,

Sept. 1, 1923—PTN LOTS 15, 16 a 19 Blk 5, Thousand Oaks Stati Tract, Berkeley. E R and Ha Lamb to E R Lamb....Aug. 30,

Aug. 31, 1923—BLK 7 LOT 4, Lak mont Tract, Oakland. Arthur Brown to Otto H Peterson..... .....Aug 21,

Aug. 31, 1923—PTN LOTS 12 AND Blk "F" Revised Map Piedmo Park, Piedmont. Miss Ransom a Miss Bridges School to J Llewell Co.....Aug. 22,

Sept 4, 1923—NE MOSS AVE Al Broadway N 178.75 E 150 N 192 250 S 443 W 322-8, Oakland. Fr iola Hospital Assn to George Hu son (National Lathing Co)..... .....August 23,

Sept. 4, 1923—LOT 33 BLK "C" Ev Tract, Oakland. Simone Riassa John Lehman.....Aug. 20,

Sept. 4, 1923—LOT 156 Nova Pi mont, Piedmont. Gottfrid R Ar strong to whom it may concer .....Sept. 4,

Sept. 4, 1923—NO. 2862 FRUITVA Ave., Oakland. Newton A Blodg to whom it may concern..Aug. 2

Sept. 4, 1923—LOT 30 BLK 3, B keley Square, Berkeley. Herb K Schulz to whom it may conc .....Sept. 4,

Sept 4, 1923—SE WILSON AVE NE Hopkins NE 41.20 NE 5 110.71 SW 25.81 NW 110, Oakla H C Haglund to Emil Lindquis .....Sept. 1,

Sept. 4, 1923—NW VICKSBURG A Bond, Oakland. Henry L De L to whom it may concern.Aug. -

Sept. 4, 1923—E DIMOND AVE N Hopkins N 50xE 140, Oakla Niels Nielsen to whom it n concern.....Sept. 4,

Sept. 4, 1923—NO. 1061 HUBE Road, Oakland. Chas C and A Grace Herriott to C C Herriot .....Sept. 4,

Sept. 5, 1923—N E-THIRTY-EIGH 150 W Beaumont Ave., Oakland. C Fish to whom it may concer .....Sept. 1,

Sep. 5, 1923—LOT 26 BLK 5, Map Thousand Oaks Station Tract, Berkeley. Seth and Albert Hammarberg to whom it may concern.....Sept. 1, 1923

Sep. 5, 1923—LOT 3 BLK 3 Map Thousand Oaks, Berkeley. Albert Hammarberg to whom it may concern.....Sept. 4, 1923

Sep. 5, 1923—PTN BLK 1, Map Key Route Heights Tract, Oakland. E Oliver to whom it may concern.....Sept. 1, 1923

Sep. 5, 1923—LOT 36 BLK "F" Map Lakewood Park, Piedmont. Natan O and Martha S Larson to Jn F Kopf.....Sept. 1, 1923

Sep. 5, 1923—LOTS 11 AND 12 BLK "" Peralta Heights, Oakland. Mrs Margart Prada to Charles C Williams.....Sept. 1, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Aug. 30, 1923—NW UNIVERSITY Ave and West W 110xN 103-5. D White (as White Elec Co) vs Berkeley Fruit Preserving Co.....$1041.81

Aug. 31, 1923—LOT 31 BLK "M" Map Laurth Avenue Terrace, Oakland. Oakland Building Material Co vs Victor Sigge $213.97

Aug. 31, 1923—LOT 19 BLK "B" Map Central Terrace, Oakland. J A Keever vs E H Morrison and W J Wilson $242.50

Aug. 31, 1923—E MERRITT AVE 40 S Cleveland Ave., Oakland. E L Huckman Co vs J J Vincent and S I Lundberg.....$1134.18

Aug. 31, 1923—NE 26.94 LOT 32, All Lots 33, 34, 35 Blk "H" Map Broadway Terrace, Oakland. Robert Howden & Sons vs W A Knowles, Oakland-S. F. Improvement Co., J (Downey and J H Stevenson.$362.75

Aug. 31, 1923—LOT 19 AND S 15 LOT 20 Blk 1, Broadway Terrace, Oakland. Robert Howden & Sons vs W A Knowles, J H Stevenson, David H and Henrietta Munroe.....$144.25

Sept. 1, 1923—NW FOURTEENTH Ave 60 NE E-18th St. NE 50xNW 84, Okd. Sunset Lumber Co vs Mary Auguello $885.01

Sept. 1, 1923—LOT 18 BLK 9 Map Lakemont, Oakland. D N Edwards vs I C W. Schneider (The Oakland Mining Mills) vs Henry and Josephine A Wright, H B Williams and Rebecca I Harst.....$596.85

Sept. 4, 1923—NO. 415 ADAMS ST., Oakland. Yves Galloudec vs Chas Higgins and C S Commack.....$23

Sept. 4, 1923—NW SIXTY-SECOND and Majestic Ave. E L Blackman vs C A Shipman.....$314.43

Sept. 5, 1923—SW HALEY AVE & Hopkins St. W 34-6xS 100, Oakland. Sunset Lumber Co vs Chas Rathburn and W A Walker.$155.39

Sept. 5, 1923—LOTS 3 AND 4 BLK 24 Osbdvn Smiths Sbdvn Matthews District, Berkeley. G D Patterson vs Noble and Andrew Holmes and Mr. and Mrs. P Gaia $83.15

Sept. 5, 1923—NO. 1039 POMONA Ave, Albany. J H McMahon vs Jn Zuir $45

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Aug. 1, 1923—S BROOKDALE AVE E Fruitvale Ave E 40xS 71, Oakland. Melrose Lumber & Supply Co to A J and Margarett Ferella $12.59

Aug. 31, 1923—LOT 23 BLK 3 Map Lake Lawn, Oakland. Pacific Mfg Co to A R Johnston and Lena Wileef $539.37

Sept. 5, 1923—LOT 294 BLK 4598 Map Harrison Square, Oakland. Sunset Lumber Co to John Buhler et al.....$113.63

Notice of Non-Responsibility

ALAMEDA COUNTY

Aug. 30, 1923—SW HOPKINS 170 NW Loma Vista Ave NW 40 SW to right of way San Jose Short Line, Oakland. Alameda Investment Co as to improvements on property

Aug. 30, 1923—LOTS 1 AND 2 BLK 19 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property...

Aug. 30, 1923—N SEVENTEENTH 103 W Telegraph Ave W 75xN 108, Oakland. A F Edwards as to improvements on property.....

Aug. 30, 1923—W CHESTNUT 182 S Seventh S 31xW 127, Oakland. William, Harold and Jessie Smith as to improvements on property..

Sept. 4, 1923—NE 5 LOT 42, All Lot 43, SW 10 Lot 44 Blk 18, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property .....

OAKLAND BUILDING TOTALS FOR AUGUST, 1923

Classification of Buildings	No. of Permits	Cost
1-st dwellings	355	$1,011,525
1-st 2-family dwellings	6	33,865
1-st dwelling & store	2	6,950
1½-st dwellings	1	5,000
2-st dwellings	13	79,400
2-st dwellings & store	1	4,500
2-st flats	9	79,000
2-st flats & stores	1	6,000
2-st apartments	9	124,000
1-st stores	7	15,175
1-st club house	1	11,000
1-st lumber shed	1	1,000
1-st greenhouse	4	2,575
Shed & stable	1	5,900
1-st office	1	1,200
1-st shelter station	1	500
2-st factory	1	11,000
2-st warehous	2	8,900
1-st brick stores	1	7,565
1-st brick laundry	2	8,100
1-st brick addition	1	2,500
1-st brick warehouse	1	16,000
1-st brick garage	2	30,000
1-st brick bakery	1	6,800
1-st brick shop	1	3,500
1-st bk&cons clng wks	1	150
1-st brk&conc bank	1	45,000
2-st bk&stl stores&loft	1	60,000
1-st conc garage&shop	1	74,000
1-st concrete garage	1	325
1-st conc supply house	1	70,000
Concrete foundation	1	1,600
Concrete mixing plant	1	7,500
2-st concrete garage	1	34,750
2-st conc & tile stores	1	104,484
1-st tile service station	3	5,000
1-stl-st tile garage	2	1,300
1-st tile shop	1	1,000
Tile addition	1	1,500
1-st Steel comft statn	1	400
1-st garages & sheds	336	74,146
Electric signs	29	8,765
Roof signs	2	500
Additions	128	111,089
Alterations & repairs	182	95,902
TOTAL	1120	$2,118,416

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2500 and Over Reported

STORE building, three-story, $630,000; No. 1122 K St., Sacramento; owner, Crittenton & Tropp; contractor, Cahill Bros., San Francisco.

DWELLING, 2-story 6-room and garage, $4500; No. 2732 6th Ave., Sacramento; owner, M. Watson, 412 23rd St., Sacramento.

DWELLING, 1-story 5-room and garage, $1500; No. 914 43rd St., Sacramento; owner, Perry Johnson, Premises; contractor, J. A. Saunders, 2910 I St., Sacramento.

DWELLING, one-story 6-room and garage, $4500; No 2557 Portola Way, Sacramento; contractor, J. A. Saunders, 21910 I St., Sacto.

DWELLING, 1-story 6-room, garage and poultry house, $2500; No. 2964 39th St., Sacramento; owner, T. N. Henderson, 3414 9th Ave., Sacto.

DWELLING, 1-story 5-rnom, and garage, $4000; 1510 30th, Sacramento; owner, Thos. B. Hunt, 2926 S, Sacramento.

INSTALL four 280 gal. tanks & pumps in oil station, $3500; 1130 11th St., Sacramento; owner, E. Bedell, Clunie Hotel, Sacramento; contractor, Union Oil Co.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

Aug. 28, 1923—LOT 19 BLK 2, Vina Vista. Ida F Fox to whom it may concern.....Aug. 28, 1923

Aug. 28, 1923—LOT 320, Elmhurst. Michael Campanella to whom it may concern.....July 27, 1923

Aug. 29, 1923—TWENTY-FOURTH, 25th, Castro and Fourth Ave. Sacramento City School Dist. to whom it may concern.....Aug. 20, 1923

Aug. 30, 1923—NW COR SECOND & L Sacramento. Asaociated Oil Co. to whom it may concern..Aug. 23, 1923

Sept. 1, 1923—N, O, 24th and 25th Sts., Sacramento. Sacramento City School District to whom it may concern.....Aug. 27, 1923

Sept. 1, 1923—M ST. BRIDGE, Sacramento. Sacramento No. R. R. to whom it may concern..Aug. 31, 1923

Sept. 1, 1923—FOURTH AND FIFTH Aves, 38th and 39th Sts, Sacramento. Sacramento City School District to whom it may concern.....August 27, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

Aug. 29, 1923—LOTS 5, 66 7 AND 8, W, X, 3rd and 4th Sts., Sacramento. D L Shumate vs Modern Laundry, E W Book et al $124

Aug. 28, 1923—LOT 150, Curtis Oaks. Friend & Terry Lumber Co vs Manuel Simas $654.54

RELEASE OF LIENS

SACRAMENTO COUNTY

Recorded Amount

Aug. 28, 1923—LOTS 13 AND 14 BLK 30, Del Paso Heights, Sacramento. Superior Lumber & Fuel Co to H B and Sallie D Benbow (ux).....

BUILDING CONTRACTS

SAN JOAQUIN COUNTY.

$2500 and Over Reported

RESIDENCE, $5000; 1703 West Park, Stockton; owner, C. H. Malloy.

SERVICE STATION, $4000; 160 West Wyandotte, Stockton; owner, Union Oil Co., Weber & Harrison, Stockton.

RESIDENCE, $4750; 425 Lexington, Stockton; owner, L. R. Woodhull, 1144 San Joaquin, Stockton.

RESIDENCE, $4700; 620 West North, Stockton; owner, L. Risch.

RESIDENCE, $4500; 821 North Argonaut, Stockton; owner, Dave Vio.
RESIDENCE, $3800; 1212 East Pinchot, Stockton; owner, J. F. Watrons.
RESIDENCE, $12,000; 2130 North Commerce; owner, Peter L. Sala, 1025 Stockton.
RESIDENCE, $4500; 206 East Third, Stockton; owner, C. J. Greenberg.
RESIDENCE, $4500, 218 East Third, Stockton; owner, A. J. Roberts, 202 W 4th, Stockton.
RESIDENCE, $3500; 1843 Allston Way, Stktn.; owner, E. E. Bravo, 128 W Magnolia, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

Aug. 30, 1923—LOT 2 BLK 6 WEST Park, Tracy. Harry Eagan to C. L. Few .....Aug. 23, 1923

BUILDING CONTRACTS

FRESNO COUNTY

$2500 and Over Reported

ON LOTS 40, 41, 42, BLK. 3 PINEDALE. All work for 1-story hotel.
Owner—Stanley Slaywin, et ux.
Architect—None.
Contractor—Chas. E. Baker.
Filed Aug. 24, 1923. Dated Aug. 17, 1923
On signing of contract.....$3000
Wall board erected 3000
Completed and accepted..... 3000
Usual 35 days 3000
TOTAL COST $12,000
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

TRANQUILLITY. All work for school.
Owner—Board of School Trustees of Tranquillity Elementary School.
Architect — Ernest J. Kump, Rowell Bldg., Fresno.
Contractor—Squire Cooper, Tranquillity, Calif.
Filed Aug. 27, 1923. Dated Aug. 15, 1923
Each month 75%
Usual 35 days 25%
TOTAL COST, $11,243
Bond, $5621; Sureties, L. S. & C. C. Cooper; Forfeit, none; Limit, 85 working days; Plans and specifications filed

DWELLING and garage, $6000; 1485 Poplar Ave., Fresno; owner, J. H. Schlotthauer.
DWELLING, and garage, $11,750; No. 901 Weldon Ave & No. 933 Vassar St., Fresno; owner, J. G. Porter, 925 Cambridge St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

Aug. 30, 1923—LOTS 7 AND 8 BLK 2, High Add'n. No. 4, Fresno. J A Schlotthauer to whom it may concern.....Aug. 28, 1923
Aug. 30, 1923—LOT 18, Normal Acres C J Hamilton to whom it may concern.....August 28, 1923
Aug. 30, 1923—LOTS 1 AND 2 BLK 1, Highland Add., Del Rey. Ben Swanson to whom it may concern.....Aug. 15, 1923
Aug. 30, 1923—LOTS 9 AND 10 BLK 1, Leona Heights, Fresno. S Johnson to W B Watson and A F Lambert .....Aug. 30, 1923
Aug. 31, 1923—LOTS 15 AND 16 BLK 4, College Park, Fresno. Jennie I Carpenter to whom it may concern .....Aug. 25, 1923
Aug. 31, 1923—LOTS 1 TO 4 BLK 2, Paige Tract, Fresno. G Katsura to Carl Vogt.....Aug. 29, 1923
Sept. 1, 1923—LOTS 5 AND 6 BLK 47, Arlington Heights Tract, Fresno. Vincent Pedelabourde to Louis Cereghino & Son.....July 20, 1923
Sept. 1, 1923—E 12 FT. LOT 14, all Lot 13 Blk 2, Cleveland Tct, Fresno S Tufenjian to whom it may concern.....Aug. 29, 1923
Sept. 1, 1923—W 18 FT. LOT 14 E 24 ft. Lot 15 Blk 2, Cleveland Tract, Fresno. S Tufenkpian to whom it may concern.....Aug. 29, 1923
Sept. 1, 1923—LOTS 1 TO 4 BLK 38, Reedley. Lawrence R Piper to whom it may concern...Aug. 24, '23
Sept. 1, 1923—LOTS 11 AND 12, West Brae, Fresno. J A Schlotthauer to whom it may concern. Aug. 31, '23
Sept. 1, 1923—LOT 17 E ½ Lot 18 Blk 45, K. B. Heights, Fresno. A G Lampases to whom it may concern .....August 3, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

Aug. 30, 1923—LOTS 8, 9 & 10 BLK 119, Fresno. Evans Plumbing & Heating Co vs Nellie Comstock.$175
Aug. 30, 1923—LOTS 14, 15 & 16 BLK 85, Fresno. Evans Plumbing & Heating Co vs Mrs Hall $187
Aug. 30, 1923—E 25 FT. LOT 11, W 25 ft. Lot 12 Blk 10, Wilson North Fresno Tract, Fresno. Fresno Marble & Tile Co vs Helen M Jones and J C Clark $112
Aug. 31, 1923—LOTS 5 AND 6 BLK 3, Torrance Terrace, Fresno. Routt Lumber Co vs R C Hall.....$673

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

RESIDENCE
LOT 9 AUZERAIS SUB., Los Altos. All work except lighting fixtures, shades and finish hardware for one story frame residence.
Owner—John Arenz, 3312 Mission St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Adolf Hennings, 2912 Army St., San Francisco.
Filed Aug. 22, '23. Dated Aug. 20, '23.
Roof on $3647.75
Brown coated inside and out 3647.25
Completed 3647.25
Usual 35 days..... 3647.25
TOTAL COST, $14,591.00
Bond, $7296. Sureties, J. A. Hart and L. B. Sibley. Limit, 80 working days from Aug. 22, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
E PALM ST. 236.80 S Humboldt St., San Jose. All work for one-story residence.
Owner — Agostino and Josephine Di Maria, 268 Pomona St., San Jose.
Architect—None.
Contractor— M. M. David, 154 Lasswell St., San Jose.
Filed Aug. 23, '23. Dated Aug. 17, '23.
Frame up $647.35
1st brown plaster on..... 647.35
Completed 647.35
Usual 35 days..... 647.35
TOTAL COST, $2589.40
Bond, $1300. Sureties, M. L. Doane & James Herron. Limiti 70 working days from Aug. 17, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
N UNION 220 W First St., San Jose. All work for residence.
Owner—Lena Onetto, 742 State St., San Jose.
Architect—None.
Contractor—J. Looman, San Jose.
Filed Aug. 22, '23. Dated July 30, '23.
TOTAL COST, $3467
Bond, limit, forfei,t plans and specifications, none.

PLUMBING
BLK BOUNDED BY ELEVENTH, Twelfth, Martha and Beston Sts., San Jose. All work for plumbing for two-story frame home building
Owner—Board of Trustees and Directors, Home of Benevolence, 11th and Martha Sts., San Jose.
Architect—Clarence A. Tantau, 251 Kearny St., San Francisco.
Contractor — Snyder-Du Brutz Co., 98 E-Santa Clara St., San Jose.
Filed Aug. 30, '23. Dated June 28, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $21,356
Bond, $10,678. Surety, Geo. Singletary. Limit, as soon as possible without delay to others. Forfeit, none. Plans and specifications filed.

ELECTRIC WORK ON ABOVE.
Contractor—T. E. Baker & Sons, Inc 256 S-First St., San Jose.
Filed Aug. 30, '23. Dated June 28, '2
Payments same as above.....
TOTAL COST, $2973.5
Bond, $1486.76. Surety, London & Lan cashire Indemnity Co. of Americ Limit, as fast as possible without dela to others. Forfeit, none. Plans an specifications filed.

HEATING WORK ON ABOVE.
Contractor—F. F. Studer, 667 E-S James St., San Jose.
Filed Aug. 30, '23. Dated June 28, '23.
Payments same as above.....
TOTAL COST, $915
Bond, $4575. Surety, J. F. O'Keef Limit, as soon as possible without de lay to others. Forfeit, none. Plan and specifications filed.

APARTMENTS
NE SEVENTH & SAN CARLOS STS San Jose. All work for two-stor frame and stucco apartments.
Owner—J. O. Boesch, San Jose.
Architect—H. W. Higbee, Porter Bldg San Jose.
Contractor—E. Nommensen, 101 S-16t St., San Jose.
Filed Aug. 29, '23. Dated Aug. 20, '2
Frame up and rafters on.....$60
Plastered in and 1st coat out.. 60
Completed 60
Usual 35 days..... 60
TOTAL COST, $24,00
Bond, $12,000. Sureties, T. M. Dor nelly and E. E. Weldon. Limit, forfei none. Plans and specifications filed.

COTTAGE, 3-room, $1000; 14th near S James, San Jose; owner, L. J. Mc Reynolds, 249 N 15th, San Jose.
RESIDENCE, 6-room, $6000; 15th nes William, San Jose; owner, Th Misses Tormey; architect, Alfre Jones.
COTTAGE, 5-room, $2900; 16th near S John, San Jose; owner, F. Fevvel architect—W. J. Martin.
COTTAGE, 5-room, $2545; 26th & Whi ton Sts., San Jose; owner, Aroa Brown; architect, Maln & Evans.
COTTAGE, 4-room, $1950; Colfax & O chard, San Jose; owner, C. Rasmu sen, Hicks Ave., San Jose.
COTTAGE, 5-room, $4750; 15th & Wi liam, San Jose; owner, Wm. J Lewis.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepte

Aug. 20, 1923—PTN LOT 26 BLK 4, E-San Jose Homestead Assn, San Jose. Howard D Simpson to V Coats.....Aug. 20, 19
Aug. 20, 1923—S SENECA ST, bet. Hamilton and Forest Aves, Palo Alto. Annie H King to Wells P Goodenough.....Aug. 16, 19
Aug. 20, 1923—NO. 10 RHODES CT., San Jose. Trustees Swedish Evangelical Mission Church, San Jose to C Carlson.....Aug. 1, 19
Aug. 21, 1923—LOTS 1 AND 1½ BLK 5, Interurban Park Tract, San Jose. Alfred I Tomkin to whom it may concern.....Aug. 15, 19
Aug. 21, 1923—PTN LOT 2 BLK 7 University Grounds. F A & Grace Turner to whom it may concern.....August 20, 19
Aug. 22, 1923—PARCEL 48 IN DEED Lennon to Adams recorded in Book 564 Deeds Page 245, San Jose John P Rhode to L C Rossi.....August 20, 91
Aug. 22, 1923—S ½ LOT 5 BLK 2 R 4 S, City of San Jose. Iva G Smith to Jorgensen & Thomy..Aug. 22, '
Aug 23, 1923—W CALDERON ST. 200 S Church St., Mt. View. J H Walker to whom it may concern.....August 22, 19
Aug. 24, 1923—PTN LOT 4 BLK 65, Palo Alto. Jeanne L Martin to Lawson & Sons.....Aug. 1, 19
Aug. 24, 1923—LOT 15 BLK 2, Resurvey, San Jose City Homestead Ass'n. B J Smith to whom it may concern.....Aug. 24, 19
Aug. 24, 1923—LOT 10, Cherrwhurst Sub. H L Austin to G M Latta.....August 21, 19
Aug. 24, 1923—E ½ LOT 9 BLK 1 R 6 N, San Jose. Mabel Brebner Dickinson to whom it may concern.....Aug. 24, 19

ig. 24, 1923—LOTS 5 AND 7 Naglee Park Addition, San Jose. A J Rhein to C Maurer ...Aug. 23, 1923
ig. 25, 1923—LOT 17 BLK 3, Shottenhamer Sub No. 2, San Jose. Jerome Garcia to whom it may concern.....August 25, 1923
ig. 27, 1923—PTN LOT 2 BLK 72 Palo Alto. Mabelle E Keller to whom it may concern...Aug. 27, 1923
pt. 1, 1923—LOTS 24, 25 & 26 BLK 37 Palo Alto. Leung Kee to Alfred 2. Hamerton.....Aug. 31, 1923
g. 31, 1923—LOTS 26 & 27 BLK 88 Palo Alto. Kate Dale to Chas. E. Sample .....Aug. 28, 1923
g. 31, 1923—LOT 10 BLK 2 ALBA Park Addn. Santa Clara. Kate Dale to Chas. E. Sample.....Aug. 28, 1923
g. 31, 1923—PART BLK 2 N R 4 E Santa Clara. E. A. Carr and Margaret M. Carr to Wm. H. O'Neil.... ..... Aug. 31, 1923
g. 31, 1923—LOT 20 & N 10 FT LOT 21 Blk 5 Lendrum Tract No. 2. W. B. Reese to whom it may concern .....Aug. 31, 1923
g. 31, 1923—SE COR NINTH & SAN Fernando Sts., San Jose. Wm. H. Beal to Lewis & Nelson..Aug 31, 1923
g. 30, 1923—PART LOTS 1 & 2 Rhodes Court. A M Elliott to whom it may concern.....Aug. 22, 1923
g. 30, 1923—N 2/3 LOT 3 BLK 2 R 4 N San Jose. Society of Practical Christianity of San Jose to Frank T. Edmans.....Aug 18, 1923
g. 30, 1923—PART BLK 83 PALO Alto. Leslie S. Edwards to Santa Clara Valley Bldg. Co..... .....Aug. 24, 1923
g. 29, 1923—LOT 4 BLK 3 SHOTenhamer Sub. No. 2. Margaret Geraci to Sam Geraci...Aug. 15, 1923
g. 28, 1923—VILLA MONTALOO. James D. Phelan to G. Regnier.... .....Aug. 18, 1923
g. 28, 1923 — VILLA MONTALOO. James D. Phelan to G. Regnier.... .....Aug. 18, 1923
g. 28, 1923—PART LOT 1 SUB OF Blk C University Park. Augustus F. Riechers to whom it may concern .....Aug. 27, 1923
g. 27, 1923—1820 WAVERLY ST., Palo Alto. Lillie Parks Gunnell to A. W. Follmer.....Aug. 22, 1923
g. 27, 1923—LOT 5 BLK 11 CHAPman & Davis Tract. Elizabeth A. Jan Dalsem to H. R. Sherman.... .....Aug. 24, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
g. 18, 1923—E SPENCER AVE 112 Park Ave, San Jose. Borches vs Meta E Cottle.....$48
g. 18, 1923—E TWELFTH ST. 45 N St. James St., San Jose. Borchers vs J Poulsen $103.35
g. 22, 1923—LOTS 9 AND 10 BLK 1, College Terrace, San Jose. Palo Alto Lumber Co, $185.25; Edward McCormick, $97.50 vs L W Lathrop
g. 22, 1923—LOT 5, Santa Teresa Rancho, San Jose. Joseph Russo and G R Abraria vs John Harvey Swickard $34.80

Aug. 22, 1923—LOTS 6 AND 7 BLK 17, Lendrum Tract, San Jose. Jos Russo and G R Abraria vs Annie Scorsur $60.65
Aug. 23, 1923—PTN LOTS 10 AND 11 Blk 1, Sunol's Add'n, City of San Jose. Payne Hardware Co vs Meta E Cotle $110.01
Aug. 23, 1923—LOAS 6 AND 7 BLK 17, Lendrum Tct, San Jose. Payne Hardware Co vs Annie Scorsur.... .....$59.38
Aug. 23, 1923—PTN LOTS 53 AND 54 Blk 5, Cook & Branham Add'n., San Jose. Payne Hardware Co vs J Poulsen $61 97
Aug. 23, 1923—LOT 5 Santa Teresa Rcho., San Jose. Payne Hardware Co vs John Harvey Swickard.$190.38
Aug. 25, 1923—PTN LOTS 53 AND 54 Blk 5, Cook & Branhoms Add'n., San Jose. Roy M Butcher vs J Poulsen $107
Aug. 25, 1923—LOTS 6 AND 7 BLK 17, Lendrum Tract, San Jose. Roy M Butcher vs Annie Scorsur.....$56
Aug. 25, 1923—LOTS 8, 9, 10 AND 11 Adams Tract, San Jose. E E Arnott vs F W Aust.....$142.25
Aug. 25, 1923—LOT 1 BLK 43 Naglee Park Tract, San Jose. Roy M Butcher vs Peter Swanson....$24 70
Aug. 25, 1923—PTN LOT 10 BLK 2, Clayton vs Salnsevain Part'n., San Jose. Roy M Butcher vs Elizabeth Hickey $69.50
Aug. 28, 1923—LOTS 6 AND 7 BLK 17, Lendrum Tract, San Jose. Chas Buettner vs Annie Scorsur.....$63
Aug. 28, 1923—LOT 7 BLK 9, Hanchett Residence Park, San Jose. Walter O Furtwangler vs Eva M Wills $366.77
Aug. 30, 1923—PTN RANCHO SAN Miguel or Milpitas on Penetencia Creek. Miller Plumbing Co vs John S. Mary M and India B Ogier $27.10
Aug. 30, 1923—LOT 1 BLK 43, Naglee Park Tract, San Jose. San Jose Hardware Co vs Peter Swanson.. .....$216.09
Aug. 30, 1923—LOT 5, Santa Teresa Rancho, San Jose. San Jose Hardware Co vs J H Swickard.....$36.75
Aug. 30, 1923—PTN LOTS 53 AND 54 Blk 5, Cook & Branham Addn., San Jose. San Jose Hardware Co vs J Poulsen $105.40
Aug. 31, 1923—PTN LOTS 53 AND 54 Blk 5, Cook & Branhams Add'n., San Jose. Pacific Mfg Co vs J Poulsen $2513.01
Aug. 31, 1923—LOT 5, Santa Terest Rancho, San Jose. Pacific Mfg Co vs J H Swickard $2368.73
Aug. 31, 1923—LOT 10 BLK 17, Lendrum Tract, San Jose. Pacific Mfg Co vs B Scorsur.....$1147 25
Aug. 31, 1923—18.40 ACRES on Santa Clara-Los Gatos Road S of Stevens Creek Road, Est of Sara Winchester. C C Miller vs A P and Maude Marston $3000
Sept. 1, 1923—LOT 10 BLK 17, Lendrum Tract, San Jose. Joseph Russo and G R Abraria vs B Scorsur $60.65
Sept. 1, 1923—LOT 10 BLK 17, Lendrum Tract, San Jose. Roy M Butcher vs B Scorsur.....$56

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Aug. 22, 1923—LOT 29, Hyde Residence Park, San Jose. F C Grupe, $113.50; C C Byrnes, $220; E F Wolters, $112.06; R J Chapman, $57; G L Ullom, $70.90; Henry Cowell Lime & Cement Co, $69.03; The Minton Co, $303.80; C J Ullom, $102; Sani-White Products Co, $80; Southern Lumber Co, $426 to Fred S and Stella S Clark.....
Aug. 27, 1923—LOT 2 BLK 14, Hanchett Residence Park, San Jose. Southern Lumber Co to G B Seely $65.45
Aug. 30, 1923—LOT 26 BLK 14, Evergreen Park, San Jose. Dudfield Lumber Co to James Pennington. $64.49

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
PART OF LOTS 26 & 27 BLK 118, SO. San Francisco. All work for bungalow.
Owner—Stefano Barbetti, So. San Francisco.
Architect—None.
Contractor—Adolfo and Vuicinzo Corcoccini, So. San Francisco.
Filed —. Dated April 4, 1923.
Completed and accepted $3000
Usual 35 days 1000
TOTAL COST, $4000
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications, none.

BUNGALOW
LOT 6 BLK 17 SCHOOL HOUSE HOMESTEAD, San Mateo. All work for bungalow.
Owner—Hugo Palmoccy.
Architect—None.
Contractor—Roderick MacDonald.
Filed Sept. 5, 1923. Dated Aug. 28, 1923.
Roofed $1200
Completed and accepted..... 1000
Usual 35 days 1000
TOTAL COST, $3200
Bond, $1600; Sureties, B. Milano and J. H. Dennis; Forfeit, none; Limit, 60 wk. days; Plans and specifications, none.

STORE BLDG.
NW BURLINGAME AVE 314.58 SE Main St. th 60 ft. on Burlingame Ave., Burlingame. All work for one-story concrete and brick store building (3 stores).
Owner — Foresythe & Simpson, 1207 Burlingame Ave., Burlingame.
Architect—Alfred Kuhn and Thos. Edwards, 833 Market St., S. F.
Contractor—J. S. Sampson Co., Monadnock Bldg., San Francisco.
Filed Aug. 29, '23. Dated Aug. 14, '23.
Roofed and metal windows placed in rear $11,300
Completion 5,650
Usual 35 days..... 5,650
TOTAL COST, $22,600
Bond, $11,300. Surety, Globe Indemnity Co. Limit, 70 working days. Forfeiti $10. Plans and specifications filed.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, adjoining class of work in which you are interested.
48 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., SEPTEMBER 15, 1923

Published Every Saturday
Twenty-third Year No. 37

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

KOEHRING K HEAVY DUTY

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday SAN FRANCISCO, CALIF., SEPTEMBER 15, 1923 Twenty-third Year No. 37

No. 818 Mission Street.
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

INDUSTRIES EXPOSITION

San Francisco will stage its 3rd Annual California Industries Exposition November 17th to December 2nd. It is given under the direction of the Central Bureau of San Francisco Organizations and the Chamber of Commerce Program Committee for the purposes of upbuilding Northern and Central California industries.

150,000 square feet of exhibit space will be occupied by manufacturers' exhibits covering every available foot of space in the San Francisco Auditorium.

Several million dollars worth of "Made in California" products will be on display, including many working exhibits showing the process of manufacture of such products.

The California industries Exposition is the only exposition of its kind in in the United States that is not conducted for profit. The admission charge to the public is the lowest on record, being only 25c.

Annually this Exposition draws an attendance of one-half million people.

The Exposition officers include such men as the Hon. James Rolph Jr., Chairman; Angelo J. Rossi, President; Dr. B. M. Rastall, Colbert Coldwell, and Margaret Mary Morgan, San Francisco's well known woman supervisor. Anthony A. Tremp has again been selected as General Manager of the Exposition.

Building Operations On Pacific Coast Are Expanding, Survey Shows

That customary fall resumption of building activities in California has taken place this year a month earlier than usual and to a degree far greater than ever before in many of the cities, while a normal situation exists in the Northwestern and Intermountain states, is shown by the monthly Pacific Coast building survey of S. W. Straus & Company.

Official reports from 18 California cities for which comparable figures of August, 1922, and July of this year are available, show a total of building permits issued during August amounting to $36,472,556 which shows a gain of 41.8 per cent over last August and a gain of 34 per cent over July of this year. Not often has the autumn resumption of buildings begun in August and never before has it shown such a proportionate increase for August over July.

Ten cities of the Northwestern states, Idaho, Washington and Oregon, report a total of $4,808,591 for August, a gain of 13 per cent over the previous August but a reduction of 19 per cent from the totals for July. This factor is not sufficiently great to indicate more than seasonal reduction of building activity. Seattle, with a total of $1,281,000 for August, shows an increase of 6 per cent over the previous August but a decrease of 143 per cent from July, a more than normal reduction. Portland, however, with an August total of $2,818,355, shows a 45 per cent increase over the previous August and 83 per cent over July.

In the Intermountain states, Utah, Nevada, Arizona, five cities report a total of $803,478 for August, an increase of 14 per cent over last August an a decrease from July of but 1.7 per cent, indicating a seasonal reduction of less than is customary. Salt Lake City's total of $559,730 is 32 per cent over that of last August, but 20 per cent under the figures of July.

With a total of $22,249,262 in building permits for August, a figure never before attained by any Pacific Coast city, Los Angeles has reported more new construction undertaken than all of the other California cities reporting this month to S. W. Straus & Co. It marks a gain of 93 per cent over last August and a gain of 47 per cent over July of this year. Of other southern California cities, Long Beach, with a total of $1,566,817, shows gains of 82 per cent over August and 13 per cent over July; Pasadena, with $756,629, shows a gain over last August of 20 per cent and a slight gain over July; Santa Ana, with $429,409, gained 62 per cent over August but lost 22 per cent from July; Glendale, with $931,-693, gained 65 per cent over July; while Santa Monica, reporting $455,525, shows a gain of 16 per cent over August 1 and 774 per cent over July.

San Francisco's August total of $3,-915,300, is 58 per cent under that of last August, but 20 per cent over the July total, while that of Oakland, $2,118,416, shows gains of 28 per cent over August and 8 per cent over July; Berkeley, with $620,435, shows gains of 11 per cent over August and 39 per cent over July, while Sacramento's $2,514,560 August total is 190 per cent over that of last August and 136 per cent over that of July.

The figures from cities reporting to S. W. Straus & Co. in this survey are as follows:

City	Cost
California—	
Alameda	$ 119,129
Alhambra	523,705
Bakersfield	38,365
Berkeley	620,436
Eureka	67,500
Fresno	286,413
Glendale	931,693
Long Beach	1,566,817
Los Angeles	22,249,262
Oakland	2,118,416
Pasadena	765,629
Pomona	84,880
Riverside	169,600
Sacramento	2,514,560
San Bernardino	150,058
San Diego	651,598
San Francisco	3,915,300
San Jose	187,885
Santa Ana	429,409
Santa Monica	455,525
Stockton	251,375
Idaho—	
Boise	105,429
Twin Falls	2,750
Nevada—	
Reno	56,908
Oregon—	
Eugene	82,542
Portland	2,818,355
Utah—	
Logan	29,800
Ogden	58,920
Provo	98,750
Salt Lake City	559,730
Washington—	
Hoquiam	30,058
Seattle	1,281,130
Spokane	196,141
Tacoma	223,416
Walla Walla	56,030
Yakima	12,710

BUILDING AND LOAN BODIES' ASSETS GROW

Building and loan associations in California gained more than $20,000,000 in assets during the fiscal year ending June 30, 1922. This is shown by the annual report of the state building and loan commissioner, George S. Walker, filed with Governor Friend W. Richardson.

The report shows the financial condition of each of the 130 associations under the commissioner's jurisdiction. The aggregate assets of the associations are placed at $85,270,458.70, as compared with $64,732,760.05 for the previous year, a gain of $20,537,698.65. The greatest gain for any other single year was $8,645,254.14, in 1921.

The report also shows that building and loan associations in California now have 88,039 investors and 34,077 borrowers. The average investment is shown to be $853.68, while the average loan is $2,360.74. Building loans for the year numbered 7291. Twenty-two new associations were licensed during the year.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

In Los Angeles the Builders' Exchange has adopted the slogan: "2,000 members by 1924."

In addition to shouting that slogan each and every member of the exchange has pledged himself to bend every effort to make the membership reach—if not exceed—the 2,000 mark.

Very good idea. We wish our brothers in the "city of angels" every success in the campaign.

But—how about a membership rally for the exchanges in Northern and Central California.

Viola Driver has filed suit in the Superior Court at Sacramento for $10,000 damages, against the Latourrette-Fical Company of that city. The plaintiff alleges that the defendants while erecting a building at 1114 Twenty-first street, Sacramento, made an excavation in the sidewalk for a rain conductor, but claims that they neglected to surround it with proper barriers or to warn pedestrians with lighted lanterns. As a result of this alleged negligence, she avers that she tripped over an obstruction on the walk and fell, severely injuring her right shoulder. In addition to the damages for personal injuries she asks the court to award her $100 expended for medical attention, $25.50 hospital fees, $7.50 spent for X-ray pictures and $5 paid on a medicine bill.

Huge magnesite deposits are to be processed and manufactured in beds located in the Hernandez section just over the San Benito county line, according to word from Coalinga. The work will be undertaken by a syndicate of Los Angeles capitalists, G. W. Granger, representative of the Los Angeles interests, is now on the ground investigating the feasibility of constructing a road from the deposits to Coalinga where they could be transported by rail. Granger is accompanied by High Fischl, of Hollister, engaged in the mining business for many years.

Articles of incorporation of the Valley Hemp Mills, capitalized at $300,000, have been filed with the county clerk in Oakland. The purpose of the company is to manufacture hemp and its by-products, in a plant to be constructed in Oakland. Directors are: Karl Wessel, Oakland; Robt. H. Collins, Piedmont; Leon A. Clark, Oakland; Karl Adler, Oakland and Ethel D. Hoy, Piedmont.

A preliminary program for the expenditure of $12,000,000 in school construction, available through the recent bond issue, has been prepared by the San Francisco Board of Education, according to Alfred I. Esberg, chairman of the Building Committee of the Educational Board.

Building in leading American cities during August increased 13.9 per cent over the same month last year and involved an expenditure of $205,230,374, the heaviest since May, according to statistics compiled by Dun's Review. New York City led with an expenditure of $47,920,568.

Henry Cowell Lime & Cement Company has contributed $1,000 to the Citizen's Committee of San Francisco for Japanese Relief. The Union Lumber Company donated $1,500 and the Paraffine Company, $500.

October 7 to 13 is fire prevention week. The object of Fire Prevention Week is to impress upon the community at large the necessity of conserving the resources of the nation by preventing fires. The campaign is national in its scope and it is hoped will be the means whereby permanent fire prevention campaigns will be inaugurated in all municipalities.

For the first time in five years, or since its purchase by the city, the Martinez, Contra Costa County, water system in the year ending July 1 last showed an approximate balance of $7000 on earnings after all construction expenses had been paid, according to a report compiled by L. D. Keene, superintendent of the the system and city tax collector.

There should be a long continuing demand for construction of cheap dwellings according to the National Industrial Conference Board, which states that there has been a fairly steady increase in house rents since last October, and that at the present time the rent for wage earners' families in cities throughout the country is approximately 72 per cent greater than in 1915.

Industrial Workers of the World abandoned their general strike in the woods and mills of Oregon Sept. 11, when they voted to return to work and continue the strike "on the job," according to an announcement issued by Chairman Shull of the strike committee. The strike has been a complete failure, according to operators.

Exports from Portland, Ore., to foreign countries during August reached $3,325,318 as against $2,255,792 for the corresponding month in 1922, an increase of $1,069,526. Shipments of wheat reached 1,193,800 bushels, valued at $1,304,692; 101,627 barrels of flour, $497,733; 32,130,000 feet of lumber, $1,000,071; miscellaneous exports, $221,256.

The Finance Committee of the San Francisco Board of Supervisors has voted an increase of wages to asphalt workers employed by the Board of Public Works. City men will be paid the same rate as paid by private contractors. At present the city pays $5.50, $6 and $6.50 or 50 cents under the private scale.

Building in Fresno for the month of August totaled $251,295. During the month 76 permits were issued, as compared with $383,578 in August 1922 and $312,744 in 1921. The total for the past eight months is $3,300,537 as compared with $4,203,197 for the corresponding period in 1922.

ALONG THE LINE

Henry H. Meyers, San Francisco Architect, has been commisioned by the Alameda County Grand Jury to investigate allegations that inferior materials are being used in the construction of Oakland school buildings recently erected. Architect Meyers, at a recent meeting of the Alameda county Supervisors, was commissioned to prepare architectural details in connection with the Oakland estuary tube for which bonds were recently voted to finance.

The American Association of Engineers has found that at the beginning of the present road building season 7046 highway engineers were engaged on construction costing $352,000,002 in the United States. The highway departments were calling for 2000 more engineers for this season's program.

J. A. Canny, vice president and secretary of the King Plumbing & Heating Company, Seattle, left recently for Chicago, New York and other eastern points on a business and pleasure trip. While away he will attend the annual convention of the National Association of Sanitary Engineers at Des Moines, Iowa.

Lieutenant-Colonel A. J. Eddy is slated to fill the position of city engineer of Berkeley to succeed C. L. Huggins whose resignation is effective October 1.

C. E. LeMaster, of Fresno, was reelected president and G. M. Cornwall, secretary of the Western Planing Mill and Woodworking Assn. at its recent annual convention at Portland, Ore.

City trustees of Colusa will take steps to purchase plant and distributing system of Pacific Gas & Electric Company to operate as a municipal system.

H. R. Basford, president of the H. R. Basford Company of San Francisco, was elected president of the Pacific Coast Gas Association at its annual convention held in Del Monte.

John Hampshire who has the contract for the first 30 mile unit of the Natron Cut-Off, has established offices at Kirk, Ore. Grading operations will be started at once.

The Fir Tree Lumber Company's plant located between Olympia and Rainier, Wash., was destroyed by fire Sept. 8. The loss is estimated at $250,000.

Western Pacific Railroad will construct two subways on main line in J street, Marysville, at a cost of $43,000.

San Rafael city council will call election to vote bonds of $100,000 to finance street improvements.

Minneapolis has been chosen as the 1924 convention city of the Concatenated Order of Hoo Hoo.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

A. A. E. TO ISSUE NEW MONTHLY MAGAZINE OCTOBER 1

The first issue of the Pacific Engineer, a new publication dealing with the civil, electrical and hydraulic engineering professions, will be published about October 1 in Los Angeles as the result of the combined efforts of engineers of Fresno and other cities.

J. M. Buswell of Fresno chapter, American Association of Engineers, was chairman of the division committee which did much of the preliminary work to get out the publication. It will be the official publication of the second division of the American Association of Engineers. The division includes California, Nevada and Hawaii. Other members of the committee were Donald M. Baker, Sacramento; J. Hunter Clark, Los Angeles, and Hubert M. Ferry, Los Angeles, director of this division.

The committee was named April 1 to provide the second division with a publication. All preliminary work has been completed and the first issue will be a magazine of 50 pages, devoter entirely to the interests of the allied engineering professions in this division.

In addition to news and meetings of various chapters, articles and discussions by engineer members will be published, also news of large new projects in which the allied professions are interested.

Earl E. Glass of Los Angeles is eritor of the magazine. An article to appear in the first or second issue is a discriptive of Don Pedro dam. Perry Brown, assistant city engineer of Fresno, will contribute an article on sewer farm experiments in Fresno.

LANDSCAPE ARCHITECTS EXHIBIT

An exhibit of the work of California landscape architects is now being shown at the Southwest Museum of Los Angeles. Plans, perspectives, models and photographs make up the exhibit. Awards in the form of honorable mention will be made by a jury Sept. 20. Sumner P. Hunt, president of Southern California Chapter, American Institute of Architects, is chairman of the jury. Among the exhibitors are: Cook & Hall, Cornell & Payne, Paul G. Thiene, Florence Yoch, Helen Deusner, Franz Herding, Kew Gardens, M. I. Dunlap, Neville R. Stephens, Chas. G. Adams, Richard Sias, Prentius French, Russell Van Nest Black, Gardner and Slaymaker, of San Diego, Allison & Allison, Howard & Smith.

STRUCTURAL DRAFTING COURSE FOR SACRAMENTO SCHOOLS

Night classes in structural drafting will be held three nights a week in Sacramento schools, according to an announcement of Chas. C. Hughes, City Superintendent of Schools. Classes for beginners will be held Monday and Friday nights and advanced classes Wednesday nights. No fee is charged, the only expense involved by the student being the cost of books and equipment.

Harlan D. Miller, assistant structural engineer, of the California highway commission, will have charge of the work.

BUILDING TRADES TO BE SCHOOL SUBJECT AT RENO

A complete innovation in the practical education of high school students in craftsmanship is to be undertaken this year in Reno, Nevada, under the direction of G. M. Gray, newly appointed instructor in building trade subjects in the Reno high schools.

Boys over 14 year of age who are studying in the high school and boys who are not in school but working as apprentices in the building trades are henceforth to be instructed in actual building operations.

The plan proposed is this: The instructor will arrange to erect at least one building in Reno next year under circumstances where the owner supplies the lot and the building materials; the class supplies the labor and the instructor supplies the directory skill.

Those electing to take vocational training will be divided into two groups, which will alternate between the practical construction work and in the classes in school. The work done will give them high school credits in the subjects studied.

The plan is said to have been formulated with the entire approval and support of the builders' organizations and the unions.

L. A. BUILDERS SEEK LARGEST EXCHANGE IN U. S

Every effort is being made by the Los Angeles Builders' Exchange to have a paid up membership of 2000 members by January 1st, 1924.

According to a letter received by D. J. Casselman, secretary-manager of the Los Angeles Exchange, Earl F. Stokes, executive secretary of the National Association of Builders' Exchanges, announces that the Los Angeles Builders' Exchange ranks second in membership with exchanges affiliated with the national association, exceeding the Pittsburgh and Cleveland exchanges by fifty and the Detroit exchange by sixty members. Applications continue to be received at the Los Angeles exchange on an average of two a day.

FRESNO MAN IS ELECTED HEAD OF HOO HOO

C. D. LeMaster, president of the Western Planing Mill & Wood Workers Association of Fresno, California, was elected snark of the universe at the closing session of the thirty second annual convention of the Concatenated Order of Hoo Hoo held in New Orleans, La.

LeMaster who is one of the youngest men ever accorded this honor, the highest in the lumber industry, succeeds W. S Dickason of Kanaas City. He will serve until September, 1924.

For the past year LeMaster has served Hoo Hoo as supreme senior Hoo Hoo, in the position he made an enviable record alwaya fighting for the ideals and progress of the order and it was through his wide acquaintance and influence that some of the most prominent men in the industry along the Pacific coast were taken into the order.

He was unopposed at the recent election and was therefore unanimously tendered the office.

DISSOLUTION OF S. F. BUILDERS' EXCHANGE IS SOUGHT

A stipulation that the suit of the federal government to dissolve the Industrial Association of San Francisco, the San Francisco Builders' Exchange, Santa Clara County Builders' Exchange, and some sixty other organizations, firms and individuals, be submitted to the federal court in the form of briefs, containing more than 300,000 words of testimony taken in seven weeks' trial in the superior court (San Francisco), has been filed.

Federal Judge F. E. Farrington accepted the stipulation in the absence of Judge M. T. Dooling, to whom the transcript of the lower court proceedings will be submitted for consideration. Judge Dooling is now sitting in Arizona. Arguments were set for October 9, pending which time the principals of the case may file additional evidence in the form of affidavits.

The government asks an injunction preventing the defendants from continuing their alleged refusal to sell materials and supplies to contractors who do not operate under the American plan. It also seeks to dissolve the Industrial Association and other organizations and to prevent the alleged combination of firms and individuals who are accused of violating the Sherman anti-trust act.

In the former trial before Superior Court Judge Louis H. Ward, the defendants were charged with violating the Cartwright act, the state anti-trust law.

COMMERCIAL AND INDUSTRIAL ORGANIZATIONS IN U. S.

The Department of Commerce has just released a revised and enlarged edition of "Commercial and Industrial Organizations in the United States," which contains a list of more than 11,000 organizations, of local, state, national and international character, conveniently indexed so as to form a ready and convenient reference for the American business public.

The current volume comprises the fifth edition of the directory and is a direct outgrowth of the popular reception accorded former editions.

The growth and importance of Commercial and Industrial Organizations in the United States is reflected in the number of names listed in the current edition as compared with the 3209 associations included in the initial compilation which was released in 1913.

The present edition of the directory contains all the most recent changes and additions as well as the addrsses of the secretaries of the various association and should be invaluable to American business men.

Copies may be obtained on application to the Supt. of Documents, Government Printing, Washington, D. C., or from the Bureau of Foreign and Domestic Commerce, 306 Customhouse, San Francisco. The price is 20 cents prepaid.

The Contra Costa County Builders' Exchange has donated $125 for Japanese relief. It is expected to increase the donation at the next regular meeting of the exchange.

New Features in Apartment House Building

(By E. A. MacDougall, President, The Queensboro Corporation, N. Y., in an address before the convention of the National Real Estate Board of Cleveland, Ohio)

The accelerated growth of apartment house building generally has been brought about by increased expenses and difficulties of maintaining an individual home. The problem of servants, coal, furnace attention, garden and general upkeep, has been felt by a great many house-holders to be insupportable. This condition has been nation-wide and has resulted in the building of many apartments throughout the country.

I suggest that the real estate profession take a lesson from the automobile business and each year bring out a better product to improve this situation.

Features in Apartment Building

There are two essential new features of these apartment houses. From the economic standpoint the apartment will be sold on a co-operative basis to its tenant-owners. From the structural standpoint it will have an interior garden with all that it implies and connotes. The builder who fails to recognize at this time the need of providing houses of a type that make for economy of use as well as of cost fails to meet the demand of the public. The architect of apartment houses, too, must provide in his planning, for all the advantages, such as section, as the highly restricted beautiful residential district of Cleveland affords.

These new features have already been put into effect in the garden apartment development at Jackson Heights. If I speak later of this particular development I do so only in order to deduce from a successful experiment the general principle which must apply in the solution of the entire problem. Let me tell you how these two features developed.

Park Avenue District

First, however, let us describe for the sake of later comparison, the Park Avenue district of Manhattan Island, which is in a way typical of the better apartment house districts of other cities. It is the section most sought after by the wealthy people in New York City and where the most expensive type of apartments are still being built. Land values here are very high. On the streets leading off Park Avenue, which do well for purposes of comparison, the apartments are of six, seven and eight rooms.

Even this relatively high cost of land per family is based on the use of 70% to 90% of the land area. The buildings often hold several hundred families. It is necessary, in that neighborhood, to cram just as many human beings as can be persuaded to live there, on a given area of land.

In these Park Avenue buildings of the best type some of the apartments, principally those which front on the street, have good light and air, but many of the rest, those on the sides and rear, have a narrow outlook on small courts. Custom makes people put up with these conditions but comparison with the individual house is inevitable and unfavorable. Then, too, many of these Park Avenue properties depend for their light and air on their neighbors. There are still many low buildings in this district. As soon as they are "scrapped" as they are bound to be, and the neighboring properties improved, many of these luxurious apartments, bringing high rentals, will lose their sunlight and outlook, and their rental value will be heavily depreciated.

At Jackson Heights we have not the same hampering restrictions as has the Park Avenue district, where the land is already well buil up, good plottages are difficult to obtain, and where the land is excessively costly, compelling building high in the air.

We control a tract of land about one-half as large as Central Park, which was farm land within the memory of people living. We have developed it from raw land and built as large groups as was possible whether from the point of view of design or of economy of construction.

We have learned as a result that a city block is the best unit of apartment building. By studying the cost per family of the land used and keeping in mind that we must compete with the individual home we have discovered that we can build as low as 38% of the lot area covered in seven and eight-room apartments, only six stories high and create a wonderful garden and open space.

We can build in small units with only two families to a floor assuring privacy. Each apartment has three or four exposures like a country h The principal rooms and some of the bedrooms are corner rooms and the space between the buildings is 36 feet 8 inches, so that the buildings are separated, not so much by passageways as by lawns. These side lawns open into a vast interior garden running the whole length of the block, 80 feet or more in width, providing an outlook and a garden character which is unthinkable in Park Avenue. In fact, it can seldom be found in any save the largest estates.

Progress and Improvement

Briefly, here is the story of how we have improved the type of apartment, year by year, which you recall I said at the start, was essential if the housing desires of the people were to be met.

In 1920 we built a block of twelve four-story walk-ups, apartments designed by Andrew J. Thomas, in which the passageways between the buildings were 15 feet. The kitchens and fire escapes and some of the baths were on these passages. This space added greatly to the value of the apartments since in Summer they did much to create a circulation of air and to admit sunlight to the group. This group occupied about 40% of the area of the block.

This group attracted to Jackson Heights many people who wanted more luxurious five and six-room apartments with larger rooms than could be had in the four and five-room apartments and we, accordingly, had Mr. Thomas design this group of apartments called the Chateau Apartments. We carried up the buildings to five stories, two apartments to a floor, using push button elevators. We reduced the area occupied by increasing the side spaces between the buildings to 19 feet 6 inches in the shortest dimensions. The buildings were fireproof on the first floor with fireproof exterior walls, roof, and elevator and stair wells.

The 1924 Design

This proved successful and as a result we have now under construction a third improvement, our 1924 model. In this group the apartments are of seven and eight rooms on an average. We retained the general plan of having two apartments to a floor and improved the older group in every respect that we could thing of, whether it was in planning the arrangement or little details and refinements of construction and specifications. The big improvement was in adding auother story, in making the buildings fireproof and placing the building 36 feet 8 inches apart, and in making the area occupied by the buildings 38%. We feel that we now have a model which has all of the advantages of the Park Avenue apartment without its weakness, and which really competes with the individual home.

Co-Operative Ownership

Co-operative Ownership which we have adopted at Jackson Heights is one of the things that makes possible this type of apartment. The family which owns a co-operative apartment is there to stay and they look upon it as a permanent home. They are consequently just as particular to have it perfect and complete in every respect as if they were going to the best architect and having him design for them the best individual home that he could produce.

The rental apartment, on the other hand, is not built for permanence, but often as a speculation. The tenants are apt to look upon it as a temporary refuge and they are more ready to live in four or five-room apartments with possibly one bath.

In a co-operative apartment, seven or eight rooms are a better size with two or three baths, servant's room and bath and the most complete kitchen and dining arrangements, closet space and other details.

Since the war, the increased cost of renting has become so great that many apartment dwellers have been unable to keep up their apartment homes. Caught between the expenses of private home ownership and the expenses of rental of an apartment, apartment ownership by tenants has been a natural solution and should continue to be so.

Tenant-ownership in itself is not new. It goes back both in this country and abroad to the time of the first apartment building. In some instances in the early days perpetual leases were given to tenants. These leases became very difficult to handle as death and changes introduced complications in the original ownership of the buildings. But here too America has co-operatve ownership came difficulties and developed a mode of procedure.

Nowhere, either in Europe or in Amerisa has co-operative ownership been applied in a larger way than by the Queensboro Corporation at Jackson Heights. Here, profiting by mistakes made in the past in the form of organization and benefiting to some extent by the solution of similar problems in other cities, the Jackson Heights Plan of Tenant-Ownership was evolved.

This plan, although worked out independently by the Queensboro Corporation has many points of similarity with what is known in England as Co-Partnership Tenant Plant. In England

industrial villages were built by funds subscribed by workers and others; these workers obtained stock for their contribution and were privileged to rent buildings in the development. If a change of employment forced them to move, they could leave the premises and still retain a return upon their investment in the stock which they owned in the co-partnership enterprises.

In this way the loss and sacrifice frequently involved in the ownership of an individual home were avoided, and at the same time, the freedom of action of the worker was not interfered with.

Any such plan as the Jackson Heights Plan involves the organization of a company to take title to a piece of property upon which there is erected an apartment building. The title to the house and lot resides in the company. Its stock is sold **pro rata** to the persons who occupy the building. The occupants lease their apartments from the company in which they are stockholders and thus become actually their own landlords and pay rent to themselves.

No limitation is placed on the sale of the stock, but the lease which is a yearly lease renewable at the option of the tenant indefinitely is a personal lease with the tenant and cannot be assigned without consent This is considered to be one of the strong features of the Jackson Heights Plan in that it prevents deterioration in the tenancy of the building by reason of transfers to undesirable parties. The value of the stock which rests largely in the lease is therefore effectively controlled.

Whenever the fee has been passed in unrestricted real estate developments, it has usually been found impossible to restrict the transfer of this fee and sooner or later there is a tendency toward deterioration in the class of people living in the section. It is believed that for tenant-owners the Jackson Heights Plan protects so far as is humanly possible from this deteriorating tendency.

The management of the building is in the hands of an experienced manager. At Jackson Heights the Queensboro Corporation manages all of the co-operatively owned buildings and is therefore enabled to effect economies by large scale purchases.

The tenant-owners merely pay in their monthly contributions toward upkeep, etc., and as directors of the Corporation meet to receive the reports of their agents at proper intervals.

But there is another element to be borne in mind in this discussion, and that is the structural element I have already mentioned. The new conditions—the uneconomic ownership of private single residences and the economic ownership of apartments by tenants have developed these new structural aspects of the apartment home. These new conditions have brought about a new architectural point of view and architectural accomplishment.

Interior Gardens and New Structural Features

The architect of city homes has an important duty to perform in improving along scientific lines the design and construction of multiple family houses so as to provide the healthful, wholesome atmosphere of an individual house with its sunlight, privacy and pride of ownership combined with the convenience, efficiency and economy possible only in a multiple family house.

Summed up, experience at Jackson Heights has shown the following to be the essentials of good planning of multiple family houses:

1st. Comprehensive block development rather than unsymmetrical and irregular height and type of building which has heretofore prevailed.

2nd. Maximum of sunlight and ventilation insured by the erection of buildings two rooms deep on the four sides of the block with an interior garden; the interior garden taking in the entire length of the block and being a substitute for the old type of development with its individual back yards, fences, clothes lines and other unsightly features. This immediately brings down the area of the building from 70%—the maximum permitted by the N. Y Tenement House Law to as low as 30% to 35% of the lot built up. Such gardens are at Jackson Heights, 500 feet long by 70 to 100 feet in width, and are created for the enjoyment of all the tenants in the block. Noted architects have planned these gardens A man occupying a five, six or seven-room apartment enjoys a garden which formerly was only within the means of a millionairs. To insure the permanency of these gardens, the land is dedicated by the building company by proper deed for the benefit of the adjacent owners and its use restricted by covenants running with the land.

3rd. Buildings are set back from the lot line in order to provide distance between buildings an an opportunity for lawns and planting in front of the house.

4th. The building of detached or free standing apartment buildings which give an opnortunity for many corner rooms and consequent cross ventilation.

5th. The silhouette produced thru a picturesque arrangement of roofs and dormers, towers and other features add a great deal to the attractiveness of the new type of apartment.

At Jackson Heights in the Chateau group, for instance, the roof is of medieval French Chateau type of varicolored sclate.

The Cambridge Court has cornice and balustrade of the Georgian type of building, with slate roof and dormer of the Colonial architecture of the 18th Century. The inspiration was to some extent derived from the Freshmen Dormities of Harvard University along the Charles River, which are a noted American application of the Georgian style. In another group the Italian effect is shown. In yet aonther, the English.

The movement toward co-operatively owned apartments of attractive and convenient design is, of course, not confined to New York While it has taken hold to a large extent in New York, it has been tried in other cities in the United States, largely because of the success which the plan has met with at Jackson Heights, where over 1100 tenant-owners are now living in over 100 apartment buildings.

The plans of tenant-ownership applied elsewhere in New York and in other cities throughout the country vary in detail from that described as The Jackson Heights Plan of Tenant-Ownership, but in essence are the same. The transfer of the lease is controlled by the tenant-owner corporation so as to protect the other people living in the building.

In Europe, tenant-ownership is of older standing than in this county. The growth of the plan has been fast in Paris for the same reasons as have caused its growth in New York—high rents, scarcity of accommodations and the feeling on the part of the former renter that he is spending too much for rent with little to show for it.

Several large apartment buildings occupying an entire block are being erected in Paris in the vicinity of the Champ de Mars by the Societe Anonyme Franco-Americaine, in which the artistic treatment of the French is being combined with the practical comforts of the American apartment. This tenant-ownership movement has also spread to Germany and to the Scandinavian countries, where many handsome apartments are co-operatively owned. This movement may be said to combine comfort, ease and economy of apartment living with the freedom and sense of independence which goes with ownership. In this respect it is an internationally important movement in that the best citizen is the man who owns his own home. At the same time it is in keeping with the trend of the times which compels people to give consideration to economy in their living.

The facts I have given to you, gentlemen, are significant. Both in the United States and in foreign countries the spread of tenant-owned apartments is the best proof of my contention that they will help solve the housing problem.

The new features in apartment buildings must solve the grave situation confronting the more densely populated centers of the world. With improved buildings, such as I have outlined to you—with co-operative tenant-owned apartments—one of the great problems which America is facing today will find its solution.

SENATE COMMITTEE INVESTIGATING TIMBER PROGRAM

Formation of a legislative policy that will provide for the reforestation of all cut-over timber lands, where such reforestation is possible, was discussed at a hearing in San Francisco Sept. 6 on the United States Senate Select Committee on Reforestetion. The hearing was presided over by Senator Charles L. McNary of Oregon, and other committeemen present were Senator George H. Moses, New Hampshire; Duncan U. Fletcher, Florida, and Pat Harrison, Mississippi. Senator James Couzens of Michigan, the fifth member of the committee, was not present.

The hearings were held by the committee to aid the senate in its consideration of pending reforestation legislation and the collateral features of taxation and fire-fighting and other conservation elements It is hoped to frame a reforestation policy that will call for a perpetual timber supply.

John W. Blodgett, president of the National Lumber Manufacturers' association, and Colonel W. B. Greeley, head of the United States Forest Service, were present to give evidence of the reforestation and conservation need.

The committee left San Francisco September 6 for Portland. Before returning to Washington it will visit the fair country of Washington state and the western pine districts of eastern Washington, Idaho and Montana. It will also visit Seattle, Spokane and Missoula, Mont. leaving the last named city on September 17 for Chicago. Later it will hold hearings in Pennsylvania and the New England states.

ROY BANCROFT, OAKLAND ARCHITECT, MAY LOSE SIGHT

An explosion of a glass bulb containing oxygen in the course of a chemical experiment may cost Roy Bancroft prominent Oakland architect, residing at the Sequoyah Country Club, his sight. Bancroft, on Sept. 7, was experimenting in his office at the St. Mark's Hotel. In a glass bulb was the oxygen under pressure. The architect was bending over the bulb when it exploded, showering his face with glass blown with teriffice force. Screams of the architect brought hotel officials to his rescue and he was rushed to the emergency hospital where doctors said his eyes were pierced by small bits of the glass bulb. Bancroft has not told the nature of the experiment on which he was engaged.

PUBLICATIONS

The T. L. Smith Company, Milwaukee, Wisconsin, is distributing a small folder descriptive of two of the Smith concrete mixers; the new 4-S Tilter (half-bag), and the 7S Non-Tilting Mixer (full-bag). Special reference is made to the newly designed and much simplified device which is now used on the 7-S for operating the discharge chute. A descriptive pamphlet on the Smith 4-S Half-Bag Titling Mixer has also just been issued. In addition to pointing out the several features which are unusual in a machine of this small size, there are views of both the 2-wheel style and the 4-wheel style, showing these mixers on some of the many jobs for which they are adapted.

"Planning and Designing Small Houses," Chapter 1, Volume IV, of the Construction Information Series on Lumber and Its Utilization, published by the National Lumber Manufacturers' Association, Chicago, has just appeared. This booklet deals chiefly with the main architectural problems to be met in planning frame residences, and takes up the problem of the most economical utilization of the commercial size of lumber now on the market. This book, together with the rest of the series so far published, may be secured on application to the association at 111 W. Washington St, Chicago, or from the Washington office.

The American Society of Heating and Ventilating Engineers, 29 W. Thirty-ninth street, New York City, has issued its 1923 Guide. This is the second volume of the year and contains much intereating data not included in the first or earlier volume. The book is divided into three parts: The first contains information concerning current practice and modern methods; the aecond is a catalog section devoted to the different devices and syatems now on the market; and the third comprises the roll of membership of the society.

The Underwriters Laboratories of the National Board of Fire Underwriters, 207 E. Ohio St., Chicago, has just published a 128-page list of Inspected Mechanical Appliances. This book contains a list of appliancea which have been inspected for accident hazard, a list of inspected automotive appliances, a list of inspected burglary protection appliances, and a list of inspected electrical appliances. A large proportion of the appliances which are described are used in buildings and in construction work.

Newman Manufacturing Company, Cincinnati, Ohio, has just issued an exceptional catalog of bronze tablets and letters. It is a 48-page booklet, size 9 by 12 inches, with more than one hundred photographic reproductiona of tablets, memorials, and special characters. In addition to the usual "per square foot price lista,' it gives the extra chargea for fancy borders and special atylea of lettering. Copies may be aecured without cost on application.

Essentials of good architecture, together with the latest leasona of experience and science in the building of small houses that will be beautiful, sanitary and economical are presented briefly in a new free booklet just published by the National Lumber Manufacturers' Association of Washington, D. C.

America Invading Last Stands of Virgin Forests—End in Sight

(By Frederic J. Haskin)

The truth of the poetic statement of Joyce Kilmer, the young American soldier-poet who lost his life in the war, that "only God can make a tree," is being realized with increasing intensity in the United States, for the American people now are invading their last stands of virgin timber. The vast forests which once shaded a great portion of the territory of the United States have been disappearing at a rapid rate and today the need is in sight.

The original supply of American timber was calculated at 5,200,000,000,000 board feet. There are left standing but 1,600,000,000,000 board feet of virgin timber and 600,000,000,000 board feet of culled and second growth. This is still a vast amount of timber, but when the rapid rate of consumption is taken into consideration, it does not seem so large. About three-quarters of this timber is in the states west of the Great Plains, but nearly half of the lumber consumed is used east of the Mississippi and north of a line drawn from St. Louis to Washington.

Eliminate Waste

The warning of conservationists and the adoption by timber companies of methods calculated to eliminate waste, as well as restrictive measures taken by the federal government, are tending to make the supply go as far as possible, but the annual consumption remains tremendous.

In 1870 lumber production in the United States amounted to 12,755,000,000 board feet. In two decades it nearly doubled, reaching 23,497,000,000 board feet. A peak of production came in 1910 when 40,018,000,000 board feet were produced. It was about this time that the conservationists agitated the need of preservation of the forests. By 1915 lumber production had dropped to 37,011,000,000 board feet and in 1920 it was only 33,798,000,000 board feet. Later figures are not now in hand, but it is estimated that the building boom of 1922 and 1923 will send the figures pretty well up to the peak again.

Steel construction and the use of concrete does not seem to have checked lumber consumption. Had these materials not come into general use, perhaps the lumber consumption would have been even greater, but considerable lumber is used anyway in the erection of concrete buildings. It is used for the forms and molds. Indeed, a certain amount of rough lumber is more rapidly consumed in this way than when actually built into the houses. The structural utility of the lumber is finished after the concrete has hardened and the forms are often thrown away or used as fuel. When the same amount of lumber is used to erect a frame house, it remains in use over a considerable period of years.

Too Many Wooden Houses

One reason for the rapid consumption of lumber in the United States is that the enormous timber resources very early taught Americans to live in wooden houses. When Gilbert K. Chesterton, the eminent English essayist and observer, visited the United States not long ago, he declared that the single observation which most impressed him on his tour of the country was the fact that there were so many wooden houses. To a man born and reared in England, these frame buildings looked slight and temporary. British houses are built almost uniformly of stone or brick and people are living in many houses in England that are a thousand years old. Americans, as a rule, don't expect their frame houses to last more than half a century, but in New England and in the southern states there are frame houses from 150 to 200 years old which atill are in good condition and inhabited.

In early days of American development, the forests were in the way of cultivation. The trees had to be cleared away to make room for arable farm lands. It was not surprising that the pioneers got in the habit of using the timber which had to be removed anyway to build their houses. When the cities began to develop so rapidly, the fact that the usual frame house did not last several centuries disturbed no one. Urban development was so rapid that the house built one year would be torn down in a few years to make room for another better one.

The old habit has endured and Americans still build frame houses to a greater extent than the people of any other country in the world. With plenty of brick and stone available, lumber still is preferred.

As the people moved westward across the country, they cleared the forests before them. In 1850 more than half of the country's timber supply was cut from the northeastern states. By 1880 this proportion of the northeast had fallen to 35 per cent and then the timbermen turned to the great standa of pine in the south. It was not until 1918 that the production of the Pacific coast forests exceeded that of the southern woods. The far western states alone showed an increase in lumber production in 1920.

Source of Revenue Lost

As these forests disappear a great source of revenue will vanish. In 1920 the lumber output was valued at more than $372,000,000. In 1860 the output of the entire country was worth only $93,000,000.

In addition to the actual consumption of 22,500,000,000 board feet of lumber a year in this country, forest fires, insect pests, disease and such causes destroy 2,500,000,000 board feet. Exports and stocks accumulated account for the remaining production. New growth is estimated at less than one-fourth of the quantity annually harvested. These figures show eloquently that timber conservation must be intensified and planting increased, that the use of lumber must be diminished or that the country within a few years will face an absolute stoppage of supplies.

Timber Land Tax

The state governments of the west will notice the disappearance of the timber. They levy taxes on timber lands and on lumber production. In 1921 eight per cent of all the revenues of the state of Washington came from timber land taxes and three per cent from the lumber industry—a total of 11 per cent. When the timber resources are exhausted, the tax burden will have to be adjusted, falling more heavily on farm lands and other sources.

One thing which is having a tendency to slow up lumber consumption is the constantly mounting freight rate. With most of the lumber being produced in the far west and most of it being consumed in the east, a vast amount of transportation is involved and a big freight bill. In the early days rates on lumber were around $5 to $8 a thousand feet. Now, rates from the west to the Mississippi val-

ley are $17 a thousand and to the Atlantic coast, $25 a thousand. Twenty-five dollars a thousand was considered a big price for finished lumber only a short time ago. Now that only pays the freight with little allowed for the cost of the lumber itself.

It will not be so many years before the lumbermen will begin to work back east and pay respectful attention to the patches of woods that dot the eastern and northeastern states. In the past they have scorned to move machinery into areas unless there were whole townships of forests to cut, but the indications are that they will come around casting covetous eyes on the old picnic grove.

TRADE NOTES

The American Quick Coupling Co., with offices in the Robert Dollar Building and factory at 1168 Bryant Street, San Francisco, has begun the manufacture of a new type of hose coupling, based on the lever principle The coupling, applicable alike to water and air hose, works instantly both in attaching and detaching. One section of the coupling which contains an imbedded heavy washer set in its flat surface, screws upon the faucet; the other section, permanently attached to the hose, it attached firmly to its opposite by a rest arm below and a trigger above. The coupling stands air pressure up to 400 pounds. E. C. Northrup is the inventor and part owner, being associated in the enterprise with Arthur Browne and O. M. Van Duyn.

A new use for Portland cement has recently been announced, and already many buyers have tested the idea. The product is now employed as a pigment in a paint that can be used as a rust preventative on steel or iron, or that can be applied on concrete, stucco, brick, or wood surfaces. The paint is composed of ordinary cement and other pigments suspended in pure linseed oil It forms a tough, impervious coat that is claimed to stay on the job in all sorts of weather and outlast many other types of paint. Several colors are available, all having the same good qualities. This paint, known as Tnemec Paint, is manufactured by the Tnemec Paint and Oil Company, Kansas City, Missouri.

King & Co., is the name of a new concern formed in Seattle with a view to handling concrete work, plumbing, sewer and plastering contracts. Office and shop are maintained at 1017 Jackson streets Its members are: Wm. King, E. M. Stratton and D. E Hawkins, with Wm. H. Hawkins as manager.

The firm of Yard & Hichborn, for many years engaged in the general building contracting business in southern California has been dissolved, W. L. Yard withdrawing from the business which will be continued by S C. Hichborn, who will retain the office of the firm at 817 Trust & Savings Bldg., Los Angeles.

J. C. Bayer, 204 Market street, Portland, has taken for distribution the "Public Service" Products of the Republic Paint & Varnish Works, Chicago the line comprising roof and plastic roof cement, asbestos roof coatings and complete lines of paints and cements.

The Modesto Irrigation District has sold its gravel plant on the Stanislaus river, near Oakdale, to A. C. McMillan of Fresno, for $23,326, approximately 50 per cent of the cost of the plant.

Just The Core

Compiled by California Development Ass'n.

Bishop—$1,650,000 bond issue carried by Owens Valley Irrigation District.

Chico—A modern demonstration fruit evaporator is being installed.

Chowchilla—3600-acre tract to be subdivided into 20 and 40-acre plots.

Crockett—C. & H. Corporation plans to build twenty-five new homes.

Exeter—Packing plant planned by California State Olive growers.

Glendale—Thime Hosiery Company plans early construction of $1,000,000 plant.

Hardwick—Southern Pacific plans $65,000 steel bridge across Kings River.

Hemet—$40,000 packing plant planned by Hemet Orange Growers' Association.

Kern County—$1,000,000 to be spent on 38 miles of new highway.

Korbel—Northern Redwood Lumber Company planning new railroad to tap lumber holdings on north fork of Mad River.

Lankershim—Work on $2,000,000 Veterans' Hospital to begin soon.

La Jolla—$250,000 modern seaside hotel to be built soon.

Livermore—Oso Products Company is establishing branch soap factory.

Lodi—Pioneer System of Pre-Cooling Plants—constructing $25,000 plant which is the first of ten to be built.

Los Angeles—Santa Fe surveying for new line from Los Angeles to Bakersfield.

Marysville—$150,000 being spent on reclamation of 6600 acres in Yuba County.

Merced—8,000,000 tons of lime stone to be handled by modern cement plant, now being constructed.

Newport—30-acre deposit of "rotary mud," used for oil well casings, found in Santa Ana Heights.

Newport Beach—$500,000 to be spent in development of Pacific Electric Island.

Oakland—$750,000 terminal planned by Ocean Fruit Express Company.

Perris—Perris Mining Company developes feldspar-silica deposits.

Pittsburg—250 new cottages to be built; 10 are now under construction.

Pomona—New tile factory is being established.

Redlands—Jones Bros. Cider and Vinegar plant to be rebuilt.

Richmond—$100,000 being spent to fill 420 acres of marsh land.

Riverside—Riverside Products Co. will build concrete tile factory with capacity of 8,000 concrete tiles daily.

Roseville—P. G. & E. Co. installing new $21,400 equipment at Halsey Power House.

Sacramento—Construction of $2,000,000 Hotel Senator to be started soon.

SAN ANDREAS—Large manufacturer to operate Copperopolis asbestos property.

San Bernardino County—Southern Sierras Power Co. to locate $500,000 mill Creek Power Plant at Forest Home.

San Francisco—Western Vacuum Ice Co plans ice manufacturing plant, with 100 tons daily capacity.

Santa Ana—Will have new plant manufacturing Johnson's quick demountable wheels and rims.

Sonoma—Dooley Doll and Toy Factory, Inc., considering location of factory.

Stockton—$100,000 hotel to be built.

Suisun—Work started on Carquinez Bridge at Marrow Cove.

Susanville—20,000,000 feet of timber is being cut at Meadow Brook Farm.

Yreka—A milk condensing factory expected soon in Siskiyou County.

Zante—A new $50,000 cold storage plant is to be built.

LUMBER PRICES FORCE USE OF STEEL

With the cheapest grade of pine lumber selling at $75 and up per 1000 board feet, and the price certain to mount in the next few years, millions of feet of lumber from buildings being raised in and northern Indiana cities are being reclaimed and reconverted into building material instead of being cut into firewood as has been the practice in recent years.

An old residence recently torn down in South Bend was found to contain yellow poplar and oak boards which today would cost $5000 if purchased from lumber dealers. Fully 75 per cent of this lumber was saved and now is being placed in a house, which when completed will have a valuation of between $12,000 and $15,000. A number of yellow poplar boards 16 to 18 feet in length and 24 to 32 inches in width, were found in the old structure. Lumber of this character is now practically unobtainable and according to sawmill men and lumber dealers, boards of this character are worth not less than $300 per 1000 board feet.

In another instance 5000 feet of one-inch ash flooring was taken from an old structure. A retail lumber dealer placed a valuation of $900 on this material.

Short length boards, formerly regarded of little value and invariably converted into firewood, are now being saved by wrecking contractors, who realize the increasing value of the ever-decreasing supply of lumber.

One South Bend contractor has gone so far as to make the prediction that within a few years houses generally will be made of pressed steel. This form of construction, he says, will have certain advantages over lumber in that it will be fireproof, can be more easily painted and can be converted into shapes now practically impossible in using wood In addition, he points out, the steel will last much longer than wood and construction of this character will make moving of such houses without damage an easy matter. The steel, he says, will be particularly adaptable to buildings of the bungalow design.

According to this contractor steel manufacturers already are working on the idea.

NEW BIDS FOR MERCED DAM PROJECT TO BE ASKED

New bids will be asked by the directors of the Merced Irrigation District for the construction of the Exchequer Dam. New plans and specifications are being prepared. Bids will be received on the following propositions: (1) to construct the dam to such a size as possible with funds now available, the size to be determined by unit bids submitted for each item; (2) to construct the dam to its full size of 320 feet in height. The district directors will ask for proposals from the contractors on the original dam. It is expected that a proposal will be submitted by Lynn S. Atkinson, Los Angeles contractor, on a new type of multiple arch dam consisting of three arches.

Thebo, Starr & Anderton, Sharon Bldg., San Francisco, are engineers for the project.

Building News Section

APARTMENTS

Plans Being Prepared.
APT. BLDG. Cost, $50,000
SAN FRANCISCO, Bay and Franklin Streets.
Three-story and basement frame and stucco apt. bldg. 15 3 & 4-room apartments.
Owner—Strand & Strand.
Architect — Baumann and Jose, 251 Kearny St., San Francisco.

Low Bidders
APT. BLDG. Approx. $30,000
SAN FRANCISCO, Trenton and Stockton streets.
Three-story reinforced concrete apt. Bldg., (12 3-room apts).
Owner—Withheld.
Architect—Albert Fabre and E. Hildebrand 110 Sutter St., S. F.
Low Bidders—Larsen-Siegrist Co. Claus Spreckels Bldg., San Francisco.

Plans BeBing Prepared.
APT. HOUSE Cost $60,000
STOCKTON, San Joaquin Co., Cal.
Apartment house.
Owner—Withheld.
Architect—Ralph P. Morrell, 41 S Sutter St., Stockton.

Bids Being Taken For a General Contract—Bids Close Sept. 18, 1923.
APT. BLDG. Cost, $500,000
SAN FRANCISCO, N Washington 68-9 W Gough.
Ten-story basement and sub-basement and attic reinforced concrete apt. bldg. 10 14-room apts.
Owner—Two Thousand & Six Washington Street, Inc.
Architect — C. A. Muessdorffer, Humboldt Bank Bldg., S. F.
Bids will be taken later for other portions of the work.

Contract Awarded.
STORE & APARTMENT Cost, 11,000
OAKLAND, 2708-10-12 Fruitvale Ave.
Two-story, 14-room frame store and apartment.
Owner—W. O. Dietle, 2224 23rd Ave., Oakland.
Contractor—Olive Legault, 96 Montel Ave., Oakland.

Sketches Being Prepared.
APARTMENTS Cost, $70,000
OAKLAND, Alameda Co., Cal. Near Lake Merritt.
Four-story reinforced concrete apartments (24 2 and 3-room apts.)
Owner—Withheld.
Architect—Walter Falch, Hearst Bldg., San Francisco.

Completeing plans—Figures to be taken next week.
APARTMENTS Cost, $30,000
SAN FRANCISCO, 27 Ave. & California Street.
Two-story frame and stucco apartments, 4, 4 & 5 room apartments.
Architect—Baumann & Jose, 251 Kearny Street, San Francisco.

Owner Taking Sub-Figures.
APARTMENTS Cost, $80,000
SAN FRANCISCO, S Pine 172 W Powell
Four-story and basement reinforced concrete (16) apartments.
Owner—Margaret E. Bell, 825 Pine St. San Francisco.
Architect—E. H. Denke, 1317 Hyde St. San Francisco.

APARTMENTS Cost, $10,000
OAKLAND, SW 51st. & Clark Sts.
Two-story 14 room apartments.
Owner—E. Campbell
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley.

SAN LUIS OBISPO, Cal.—W. J. Smith has been awarded contr. at $13,000 to erect a 2-story brick store and apt. bldg. 40x60 ft. on Garden St., opp. the Bank of Italy, for E. Taylor Smith. It will contain 2 stores on the ground floor.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick H. Wallis, 716 S Spring St., have completed plans for a 2-story store and office bldg. to be erected at s.w. cor. 7th St. and West Lake Ave., for the Royal Realty Co.; will contain 9 stores and 34 office suites. Brick, 90x150 ft., press. brick and terra cotta facing. Cost $85,000.

LOS ANGELES, Cal.—A. B. Crist Co., 5646 Hollywood Blvd, has prepared plans for a $120,000, 3-sto. and basement apt. bldg. to be erected at Franklin Ave. and Vine St. for Samuel Katz of Chicago. Frame constr., 40 apts., stucco exter., hardwd. fls., comp. rf., tile baths and drainbds., dis. beds, heating system. The same owner contemplates a $25,000 residence on an owned site on Bronson Ave. at Foothill Dr.

BONDS

FAIRFIELD, Solano Co., Cal.—Until Oct. 1, bids will be rec. by county supervisors for purchase of following bond issues: Green Valley School District, $15,000; Oakdale School District, $6500; Rio Vista (joint) School District $14,000; Ryer School District $15,000. Proceeds of the sale in each instance to finance school improvements.

MERCED, Merced Co., Cal. — Until Oct. 2 bids will be rec. by county supervisors for purchase of $3000 bond issue Fruitland School District; proceeds of sale to finance school additions.

MERCED, Merced Co., Cal. — Until Oct. 2, bids will be rec. by county supervisors for purchase of $125,000 bond issue of Merced High School District, proceeds of sale to finance construction of branch high school at Livingston.

LAKEPORT, Lake Co., Cal.—Election will be held Oct. 5 in Upper Lake Union School District to vote bonds of $25,000 to finance construction of new school. Trustees of district are: G. C. Waymire, Lee J. Gardner and E. C. Rice.

SACRAMENTO, Cal.—Board of Education contemplates bond election to finance purchase of site and erection of new junior college building to house 4-year course school.

RED BLUFF, Tehama Co., Cal.—Supervisors sell $35,000 bond issue of Vina School District for premium of $1575. Proceeds will finance construction of new school.

McFARLAND, Kern Co., Cal.—Bonds of $50,000 voted in McFarland School District to finance purchase of site and erection of new grammar school.

LOS ANGELES, Cal.—The Garvey School Dist. will vote soon on a $650,000 school bond issue to erect an addition to present school bldg; and a small school unit. A $40,000 bond issue was voted on and passed July 9th, but was declared illegal on account of assessed valuation of district being too low. J. A. Larralde, 1400 Stock Exchange Bldg. L. A., will be the archt.

CHURCHES

Contract Awarded.
CHURCH Cost, $18,000
SAN FRANCISCO, N California 82-6 E Ninth.
Frame church.
Owner—St. James Mission of the Protestant Episcopal Church, Diocese of California, 9th and Calif. Sts., San Francisco.
Architect—Harvey E. Harris, 815 Balboa St., San Francisco.
Contractor—John Harder, 39th Ave. & Fulton St., S. F.

Contract Awarded.
CHURCH Cost, $15,668
OAKLAND, E Fruitvale Ave. 772 S Foothill Blvd.
Owner—Fruitvale Christian Church.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., Oakland.

ANAHEIM, Orange Co., Cal.—W. P. Shepherd, constr. engr., 312 Central Bldg., Pasadena, has prepared plans which have been approved for erecting a $90,000 conc. and stucco church bldg. at Broadway and Helena Sts., Anaheim, for the Christian Church congregation; $54,000 is available at present. Auditorium seating 500; Sunday school seating 200; 35 classrooms; full basement, banquet hall and kitchen.

EAST SAN DIEGO, Cal.—Arthur G. Lindley and Chas. Selkirk, 800 American Bank Bldg., are completing plans for a new Spanish church, to be erected at East San Diego for the Fairmont Methodist Episcopal church; it will contain auditorium to seat 800 people, graduated class rms., social hall, kitchen and restrooms. Frame constr., 2-sto., plas. exter., tile and comp. rfg., O. P. fls., gas rads., water htr., O. P. and hardwd. inter. trim, ornam. iron work, pipe organ, kitchen equipment, $40,000. Bids will be taken on sub-contracts in about 2 weeks.

RICHMOND, Contra Costa Co., Cal.—C. E. Parker, C. W. Longacre, C. W. Cood, W. W. Fraser and W. H. Bowman have been named by the trustees of the First Baptist Church to secure plans and estimates of cost for a new edifice on which it is proposed to start construction shortly.

FRESNO, Fresno Co., Cal—Grace Methodist Episcopal Church, Rev. E. E. Marshall, pastor, granted building permit by city council to erect $17,500 edifice at Balch and Fourth Sts., in Alta Vista Tract. Will contain 40 by 60 ft. assembly and social hall of stucco construction.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. SF
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO, CALIF.
PHONE SUTTER 5507

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

SELMA, Fresno Co., Cal.—First Baptist Church seeks permission of Superior Court to mortgage property for $55,000 to finance construction of new edifice. Petition is signed by M. P. Dennison, chairman and Joel H. Smith, secretary, Board of Trustees.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., have completed plans for a synagogue to be erected on Manhattan Pl., bet. 6th St. and Wilshire Blvd. for Temple Emanu-El congregation. It will be 1-story and basement, 100x125 ft., brick constr, press. brick and terra cotta facing, tile rfg., art. glass, pine trim, heating and ventilating; $150,000.

FACTORIES AND WAREHOUSES

Plans Being Figured—Bids Close Sept. 20, 1923.
RECOATING ROOFS Cost, $6000
SAN FRANCISCO, Piers 41 & 46.
Recoating roofs of sheds.
Owner—State Board of Harbor Commissioners.
Engineer—Frank White, Ferry Bldg., San Francisco.

Plans To Be Prepared.
WAREHOUSE Cost, $—
SAN FRANCISCO, Vicinity of 8th and Brannan
One-story (40 ft. high) reinforced concrete ice mfg plant 65x110 and a 1-story 30 ft. high reinf. conc. warehouse 35x75.
Owner—E. W. Crellin, Western Vacuum Ice Co., 235 Montgomery St., San Francisco.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
Preliminary plans have been prepared.

Plans Being Prepared
FACTORY BUILDING Cost, ——
SAN FRANCISCO, SW 5th & Brannan Streets.
1 and 2 story steel, brick and concrete factory bldg, 90x240.
Owner—The Grinnell Co., 453 Mission St., San Francisco.
Architect—The Austin Co. of Calif., Santa Fe Bldg., San Francisco.
General Contract Awarded On A Cost-Plus Basis.
FACTORY & OFFICE Cost, $100,000
SAN FRANCISCO, 19th, Florida and Alabama Streets.
Two-story reinforced concrete factory and office buildings.
Owner—Pelton Water Wheel Co.
Engineer—W. W. Hanscom, 848 Clayton St., San Francisco.
General Contractor—Geo. Wagner, 251 Kearny St, San Francisco.
Figures will be taken for plumbing, heating, electrical work and elevators in about a week.

Sub Contracts Awarded.
FACTORY Cost, $——
SAN FRANCISCO. Twenty-fifth St., bet. Potrero Ave. and Utah St.
One and two-story Class B concrete factory.
Owner—Williams Bros. Aircraft Corp., 124 Van Ness Ave., San Francisco.
Architect—R. R. Irvine, 736 Call Bldg., San Francisco.
Contractor—Lindgren & Swinerton Co., Inc., Standard Oil Bldg., San Francisco.
Electrical Work to H. C. Reid & Co., 115 Mission St.
Steel Rolling Doors to E. F. Persons.
Reinforcing Steel to Badt-Falk Co.
Plumbing to Jas. H. Pinkerton.
Steel Column Forms to Ransome & McCelland, Monadnock Bldg.

Contract Awarded.
FACTORY Cost, $15,000
SAN FRANCISCO, W Russ 180 N Folsom.
Two-story concrete factory.
Owner—J. H Hjul, 1342 Mission St.
Engineer and contractor—J. H. Hjul, 1342 Mission St., San Francisco.

PORTLAND, Ore.—City plans erection of 4-story concrete and brick municipal shops; est. cost, $35,963. Two and one-half ton electric elevator will be installed. An appropriation of $14,550 has been made to finance purchase of tools and equipment for the structure.

LOS ANGELES, Cal.—Archts. Morgan Walls & Morgan, 1124 Van Nuys Bldg., are taking bids for erecting a new creamery plant on Slauson Ave. west of Western Ave., for Crescent Creamery Co. There will be a 2-story milk plant, 100x100 ft. 2-sto. ice cream plant 93x200 ft.; and 1-story boiler house, 80x80 ft.; reinf. Conc. constr., plas. exter., steel sash, comp. rfg., steel rolling doors, conveyors, elevators, traveling cranes, pard paving, loading platforms.

LOS ANGELES, Cal.—Wm. M. McGee, 325 L. A. Bldg., contemplates the erection of a class A warehouse on Slauson Ave. near Central Ave. It will be 8-sto. and basement, reinf. conc. constr. and will cost $1,000,000. S. N. Benjamin, 2429 Vineyard Ave., will be the contractor.

LOS ANGELES, Cal.—Architect Albert C. Martin, 228 Higgins Bldg., has completed plans and is taking bids on general contract with plumbing, elec. wiring and elevators separate for a 4-sto. and basement factory to be erected on E. 7th St. near Utah St., for William Volker Furniture Co. Dimensions, 90x240 ft., reinf concr. construction, comp. rfg., steel sash, metal skylights, elec. elevators, sprinkler system, steel rolling doors.

LOS ANGELES, Cal.—Edwin T. Flaherty & Co., 634 I. W. Hellman Bldg., have completed preliminary plans for a 6-story class A storage warehouse, to be erected at 62nd and Manhattan Sts., for the Fidelity Fireproof Storage Co., 1836 Arapahoe St. Reinf. Conc. construction; 6-story, 130x259 ft., concr. exter., comp. rfg., hardwd, tile and conc. fls., plant and wire glass, steel sash, 3 elec. elevators, sprinkler sys., vtg. sys., vault doors, ornam. iron work metal store fronts, metal skylights; there will be 400 private rooms, offices, trunk rooms, loading platforms, rug storage space.

EMERYVILLE, Alameda Co., Cal.—Lindgren-Swinerton Co., Inc., Standard Oil Bldg., San Francisco, have awarded additional sub contracts as follows in connection with the construction of a 2-story reinf. concrete factory for the Doble Steam Motor Co. It is being erected in Emeryville.
Plumbing to Feary & Moll, Emeryville.
Miscellaneous Iron Work to Judson Iron Works.
Electrical Work to H. C. Reid Co., 115 Mission St., San Francisco.

FLATS

Contract Awarded.
FLATS Cost, $12,000
SAN FRANCISCO, W 15th Ave. 200 N Fulton.
Two-story frame and stucco flat bldg. 2 flats.
Owner—J. S. Ramsey, 500 Castro St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.

Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, W Guerrero 169-6 N 19th.
Two-story & basement frame (2) flats
Owner—Mrs. L. Brown, 90 Bryant St., San Francisco.
Contractor—Gustav Peterson, 683 9th Ave., San Francisco.

Plans Being Figured.
FLATS Cost, $13,000
SAN FRANCISCO, N Chestnut 184 E Van Ness Ave.
Two-story and basement frame (3) flats.
Owner—J. O'Connor.
Architect—Albert J. Fabre & E. H. Hildebrand, 110 Sutter St., S. F.
Figures are being taken for a general contract.

Contract Awarded
FLATS Cost, $11,500
SAN FRANCISCO, E 20th Ave., 250 S Anza.
Two-story and basement frame, 2 flats.
Owner—J M. Schlisinger.
Contractor—P. Algot Nelson, 355 Oak St., San Francisco.

GARAGES

Plans Being Prepared, Contract Awarded.
ADDITION Cost, ——
SANTA ROSA, Sonoma Co., 5th St.
Addition to present two-story garage.
Owner—John Greott.
Lessee—Tilden Bros.
Contractor—A. M. Hildebrandt, 406 4th St., Santa Rosa.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured.
ALTERATIONS Cost, $2,500
LIVERMORE, Alameda Co., Cal.
Alterations for Post Office.
Owner—Bank of Italy.
Architect—H. A. Minton, 550 Montgomery St., San Francisco.
Plans may be obtained from Postmaster M. G. Callaghan at Livermore.

PEARL HARBOR, T. H.—See "Official Proposals," this issue.

SEATTLE, Wash.—Until Sept. 18, 11 a. m., bids will be rec. by Alaskan Engineering Commission, 422 Bell St. Terminal, Seattle, for fur, and del. under Circular No. 622, following materials: fire brick, castings, rope, tool steel, mild steel, twist drills, welding rods, plumbing supplies, arch brick, boiler tubes, lumber and repair parts for hand cars, velocipedes, riveting hammers and tube cleaners. Further information obtainable from San Francisco offices of comm., 306 customhouse.

PORTLAND, Ore.—Todd Drydock and Const. Co., Seattle, at $19,150 each, awarded cont. by U. S. Eng. Office, Portland, for fur. six steel barges; delivery in 330 days; each to be 120 ft. long, 34 ft. beam and 7.6 ft. depth of hold, involv. approx. 4000 tons steel. Other bids were: Smith & Watson Iron Works, Portland, $25,950 each; Bethlehem Steel Corporation, San Francisco, $49,618; Pennsylvania Bridge Co., Beaver Falls, Pa., $30,200; Albina Marine Iron Works, Portland, $29,975; W. B. Klye, Los Angeles, $32,200; Seattle Boiler Wks., Seattle, $30,000.

SAN FRANCISCO—Until Sept. 20, 11 a. m. bids will be rec. by U. S. Eng. Office, 85 2nd St., under Order No. 4804 for fur. 12,000 bbls. fuel oil (42 U. S. gals. to bbl.); 6000 gals. engine distillate and 2000 gals gasoline, as may be required during months of October and November.

DENVER, Colo.—Until Oct. 3, bids will be rec. by U. S. Reclamation Service, for fur. gates, hoists and miscellaneous metal work for Boise project, Idaho, and the Riverton project, Wyo., involv. approx. 88,000 lbs. metal work. Further information obtainable from above.

WASHINGTON, D. C.—Until Sept. 21, 10.30 a. m., bids will be rec. by Purchasing Agent, Panama Canal Commission, under Circular No. 2331, for tur. and del. Balboa (Pacific Port), following materials: Bolts, screws, nuts, files, tacks, staples, steel rivets, drills, taps, dies, reamers cutters, hinges and hasps, hacksaw blades, engineer's wrenches, pneumatic rivet buster, and brass globe valves. Further information obtainable from Assistant Purchasing Agent of Commission, Fort Mason, San Francisco.

PUGET SOUND, Wash.—Cyclops Iron Works, 837 Folsom St., San Francisco, at $11,000, time for completion 150 days, awarded contract by Bureau of Yards and Docks, under Specification No. 4861 for furnishing electric traveling bridge crane to Puget Sound Navy Yard.

PEARL HARBOR, T. H.—Peerless Roofing & Paint Co., Honolulu, T. H., at $12,647 awarded contract by Bureau of Yards and Docks, Navy Department, under Specification No. 4863, for roofing building No. 67 at Pearl Harbor

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, Washington D. C., for fur. materials under the following schedules (time for opening bids as noted at end of each paragraph)

Schedule 1266, for eastern and western yards, 440 boiler tube brushes, September 25.

Sched. 1274, for eastern and western yards, 44,800 pounds acetone, Sept. 25.

Schedule 1276, for Mare Island, 25,000 feet lighting and power wire, Sept. 25.

Schedule 1277, for Puget Sound, 1 electric iron, Sept. 25.

Schedule 1280, for Puget Sound, Wn, 10,000 deck scrubbing brushes without handles, Sept. 13.

Schedule 1284, for Mare Island, 2000 ft. leather belting, Oct. 2.

Schedule 1285, for Mare Island, 1000 prs. asbestos bauntlet gloves, Oct. 2.

Schedule 1287, for Mare Island, 2000 gallons glycerine, grade No. 1, Oct. 2.

Schedule 1288, for San Diego, 1100 water-gage glasses, Oct. 2.

Schedule 1289, for Puget Sound, 240,000 lbs. fire brick material, Oct. 2.

Schedule 1290, for Boston and Mare Island, bolts and nuts, Oct. 2.

Schedule 1293, for Puget Sound, 100 pieces nonshatterable glass, Oct. 2.

SAN DIEGO, Cal.—Following bids received by Bureau of Yards and Docks, Navy Department, Wash, D. C., under Specification No. 4809 for paint and oil storehouse at the naval supply base, San Diego, Calif.:

Claude Burbon, 224 Owl Bldg., San Diego, Calif., item 1, $6,000; 2 $2,000.

H. S. Wathen, Clark Hotel, Los Angeles, Calif., item 1, $6,961, 60 days; 2, $2,300.

De Waard & Cobham, 207 Granger Bldg., San Diego, Calif, item 1, $7,948.42; 2, $12,200.

Rauch & Stengel, 614 G Ave., National City, Calif., item 1, $6,925; 2, $2,100.

Doran & Boyd, 345 Spreckels Bldg., San Diego, Calif., item 1, $6,900; 2, $2,000.

Wright Bros., 4581 Edgware road, San Diego, Calif., item 1, $5,337; 2, add $1,779.

PEARL HARBOR, T. H.—Bureau of Yards and Docks, Navy Department, rejects bids received under Specification No. 4827, to construct fire protection system at Pearl Harbor, T. H.

PEARL HARBOR, T. H.—Bureau of Yards and Docks, Navy Department, rejects bids under Specification No 4761 for extension of battery storage and overhaul at Pearl Harbor, T. H.

HALLS AND SOCIETY BUILDINGS

Contractor Taking Sub-Figures.
STORE, ETC. Cost, $35,000
OAKLAND, 17th St., bet. San Pablo and Telegraph Aves.
Two-story class C store, dance hall and bowling alley. bldgs.
Owner—Wickham-Havens Inc.
Architect — Willis Low, Monadnock Bldg., San Francisco.
Contractor—P. A. Palmer, Monadnock Bldg., San Francisco.

Contract Awarded.
DANCE PAVILION Cost, $94,877
OAKLAND, Alameda Co., Cal. Broadway near Nineteenth St.
Two-story and basement class B reinforced concrete store and dance pavilion.
Owner—J. F. Hassler, Central Bank Bldg., Oakland.
Architect — Schirmer-Bugbee & Co., Thayer Bldg., Oakland.
Contractor—R. W. Littlefield, 357 12th St., Oakland.

Plans Being Figured Bids Close Sept. 27, 3 P. M.
CLUB BLDG. Cost, $14,000
RED BLUFF, Tehama Co., Cal.
One-story club building.
Owner—Women's Improvement Club. Red Bluff, Calif.
Architect—Cole & Brouchoud, Waterland-Bueslauer Bldg., Chico.
Bids will be opened at residence of Olive B. Matlocks, Red Bluff.

SAN DIEGO, Cal.—Campbell Bldg. Co., Box 977, San Diego, submitted low bid to Y. M. C. A. Bldg. committee and will probably be awarded contr. at $557,500 for the erection of the new Army and Navy Y M. C. A. Bldg. Lincoln Rogers, 533 Spreckles Bldg., San Diego, archt. The bldg. will be a combined club bldg. and army and navy Y. M. C. A. Construction has been authorized by the International Y. M. C. A. The bldg. will be 6-sto. and occupy the entire block on broadway, betw India and Columbia Sts. Construction will be of class A fireproof steel and concr. with special grillage foundations made necessary by the nature of the soil. Wash borings were made and the concr. found. reinforced by steel slabs and I-beams ordered. Interior will contain Spanish style lobby, social hall, billiard room, dining room, kitchen, cold storage rooms, offices, etc., on first floor, with 2-sto. gymnasium, 50x80 ft. occupying the n. e. cor. of the bldg. with 2000 lockers, shower and plunge baths; barber shop, etc. The second floor will contain a banquet room, women's room and various offices. Above there will be 300 bed rooms, with showers and toilets, fitted with complete vacuum cleaning system; two passenger elevators Furnishings, $100,000. Exterior of the bldg. will be pink and buff terra cotta and stucco for the 2nd, 3rd, 4th and 5th fls., the 6th fl. to be terra cotta with red tile rf. The 1st fl. will be of rusticated cut stone, with a Paladin arched entrance. There will be an ornamental iron railing around the entire 1st fl., enclosing an open area providing light for the basement.

WILMINGTON, Los Angeles Co., Cal.—Bids are being taken by the local lodge of Masons for the erection of a two-story white brick lodge building, costing $60,000 in the 900 block on Canal Ave. It is planned to start work within 60 days. The main floor will contain lodge room, while the second floor will contain dining room, kitchen, ball-room and club rooms. For further information, address the building committee, Wilmington Masonic Lodge, Wilmington.

HOSPITALS

Contract Awarded.
OLD PEOPLE'S HOME Cost, $154,879
STOCKTON, San Joaquin Co., Cal. County Hospital Site.
Two-story class B Old People's Home Building.
Owner—San Joaquin County.
Architect—Ralph P. Morrell, 41 S-Sutter St., Stockton.
Contractor—Frank Tucker 321 N-Sierra Nevada St., Stockton.

Completing Plans
ADMINISTRATION BLDG.
Cost, $600,000 to $700,000
OAKLAND, Alameda Co., Cal. 14th Ave. and E-27th St.
Reinforced concrete and terra cotta administration building.
Owner—Alameda County.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.
Plans will be completed next month.

SANTA ANA, Orange Co., Cal.—Dr. C. D. Ball, pres. of the Santa Ana hospital assn., states that a stock sales campign for the new hospital will be started this month. The company has $40,000 in escrow; $60,000 in pledges and property va'ued at $40,000. The proposed bldg. will cost $225,000.

WHITTIER, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg. L. A. have completed plans for an addition to be erected to the Murphy Hospital at Whittier. It will be 2-story and basement and will contain 30 rms; class A constr, reinf. conc., plas. exter., comp rfg., pine trim, steam htg., tiled baths, signal and telephone systems.

LAKEPORT, Lake Co., Cal.—Beck, Reeder and Kelsay, Lakeport, at $7,385 awarded contract by county supervisors to construct kitchen and dining room addition to county hospital.

LOS ANGELES, Cal.—Archt. John C. Austin, 1125 Detwiler Bldg., is completing plans for the class A hospital bldgs. to be erected at Sunset Blvd. and Beaudry Ave. for St. Vincent's Hospital. The main bldg. will be 8-story with a separate bldg. for boiler plant and laundry and an addition to the nurses' home. Class A steel frame construction. The cost will be about $1,250,000.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

EUREKA, Humboldt Co. ,Cal.—Until Sept. 25, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, for certain concrete work at Humboldt county hospital. Cert. check 10% req. with each bid. Spec. on file in office of clerk.

SACRAMENTO, Cal.—Until Sept. 24, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to furnish and install light fixtures in Service and Childrens' Ward and Infectious Ward buildings; for kitchen equipment; cold storage plant; cold storage rooms and ice water system in Service and Children's Ward Buildings at county hospital grounds. R. A. Herold, architect, Forum Bldg., Sacramento, Calif. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Earl B. Newcomb, Pantages Bldg., has the contract to erect a 2-story and basement class A hospital bldg. at 319 W Jefferson St. for Los Angeles Industrial Clinic and Hospital Co. Plans were prepared by L. A. Smith, 3rd St. and Western Ave. Dimensions, 97x132 ft., reinforced conc. frame, floors and roof slabs, brick filler walls, plas., exter., terra cotta and cast stone trim, tile and comp. rfg., fire escapes, tile vestibule, tiled baths, elevator, steam htg., vacuum cleaning, etc. Cost $125,000. It will have a capacity of 75 beds.

HOTELS

Preliminary Plans Prepared.
HOTEL BLDG. Cost, $500,000
RENO, Nevada, Riverside Hotel site.
Four-story and basement brick hotel bldg (125 rooms).
Owner—Reno Hotel Co.
Lessee—Leo Lebenbaum, San Francisco
Construction Manager — Frederick W. Whitton, 369 Pine St., S. F.

Contract Awarded.
REPAIRS Cost, $18,000
SAN FRANCISCO, 107 Haight St.
General repairs and reconstruction of rooming house.
Owner—V. M. Imshenetsky, 265 Corona Court.
Contractor—G. W. Balliet, 4184 17th St.

SAN PEDRO, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., is revising plans for a 6-story class A hotel bldg., to be erected at 7th St. and Palos Verdes Ave., San Pedro, for L. De Carlo; will contain 156 rms. each with bath large lobby, and 3 stores. Reinf. conc. constr., 6-story and basement, 80x115 ft., press. brick and terra cotta facing, comp. rfg., hardw. cement and O. P. fls., tile baths, steam htg. sys., elec. elevators, ornam. iron, storage water htr., inter-telephone sys., plate glass, steel sash, metal store fronts, staff work, metal lath; $275,000.

LOS BANOS, Merced Co., Cal.—M. M. Finlayson, Los Banos, at $44,934 submits low bid to erect Oberon hotel building for Triglia and Pedrone of Los Banos. Structure will be of reinforced concrete construction containing 22-rooms. Other bids: J. Loforti, Fresno, $50,900; Hansen and Buchen, Modesto, $56,300. Contract will be awarded to the low bidder. Ernest J. Kump, Rowell Bldg., Fresno, is the architect.

WILMINGTON, L. A. Co., Cal.—Archt. Ernest H. Gates, 1261 American Ave., has prepared sketches for an $80,000 2-story, brick store and hotel bldg., to be erected in the 700 block on the e.s. of Canal St., Wilmington, for Louis Benni. Six stores and 44 hotel rms.; found., 110x118 ft., terra cotta and marble trim, cement and harddw. fls., comp. rfg.

LOS ANGELES, Cal.—See "Theatres," this issue.

POWER PLANTS

COLUSA, Colusa Co., Cal.—City will purchase plant and distributing system of Pacific Gas and Electric Co., to operate as Municipal plant.

LOS ANGELES, Cal.—Until 3 p. m., Sept. 21, bids will be rec. by public service comm., 207 S. Broadway, for insulated wire as follows: 5000 ft. No. 14 and 50,000 ft. No. 8 solid black S. B. R. C. copper wire 0-600 volt, N. E. C.; 50,000 ft. No 6, 10,000 ft. No. 4, 2500 ft. No. 2, 2500 ft. No. 3-0 stranded black D. B. R. C. copper wire 0-600 volt, N. E. C. and 500 ft. No. 4-0 stranded white D. B. R. C. copper wire 0-600 volt, N. E. C. Spec. P-316-379. Jas. P. Vroman, secy.

OROVILLE, Butte Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will construct power line into Wyandotte district at a cost of $18,500.

PUBLIC BUILDINGS

SAN FRANCISCO — The Board of Park Commissioners have received bids as follows for the construction of a 1-story frame and stucco field house to be erected at the Funston Playgrounds, Chestnut and Laguna Sts.:

General Contract

Anderson & Ringrose, 320 Market St., S. F.	$29,941
Botman & Hendrickson	32,000
Carlson & Co.	33,220
C. L. Wold & Co.	33,815
Mahoney Bros.	34,743
Alfred Vogt	38,900

Heating and Ventilating

J. E. O'Mara, 218 Clara St.	$4100
Scott Co.	4127
Jas. H. Finkerton	4143
A. Lettich	5522

Electrical Work

Flatland Co., 1959 Mission St.	$1632
Butte Elec. Eq. Co.	1820

MARYSVILLE, Yuba Co., Cal.—Until Oct. 2, 10 a. m., bids will be rec. by W. M. Strief, county clerk, for painting and repairing county hospital. Cert. check 10% payable to Chairman of Board of Supervisors req. with each bid. Spec. on file in office of clerk.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 1, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to repair and re-roof present roof of Juvenile Detention Home. Ralph P. Morrell, architect, 41 S Suter Street, Stockton. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from clerk on deposit of $25, returnable.

RIVERSIDE, Riverside Co., Cal.—Bids will be called for soon for erecting the new city hall at Riverside in accordance with plans by Archt. Howard E. Jones, 405 Katz Bldg., San Bernardino, the successful archt. in the recent competition. Separate bids will be asked on the different portions of the work. Approx. $93,000 will be expended on the bldg. and $7000 for equipment. Mr. Jones' design is for a 2-story and basement class A reinf. conc. structure 80x70 ft., of modified Spanish design with tower in front; exter to be finished in stucco with ornam. wrought iron balconies and tile rf.

TULARE, Tulare County, Cal.—Until Sept. 28, bids will be rec. by city trustees to erect new firehouse in J St.; est. cost $14,000. Plans prepared by Architect J. H. Henderson of Tulare.

SANTA ANA, Orange Co., Cal.—All bids for erecting the new county detention home on Grand Ave. were rejected by the supervisors, and new bids will be advertised. The bids were: R. C. McMillan, $44,756; T. S. Weaton, $46,397; Norman & Tully, $46,860; Daniel & Faris, $48,000; Hill &Renard, $49,000; John Simpson & Co., $51,000; J. S. Fluor, $51,290.

NAPA , Napa Co., Cal. — E. W. Doughty, Napa, at $2936 awarded contract by supervisors to construct roof on county jail. W. H. Younger only other bidder at $3020.

NAPA, Napa Co., Cal.—F. L. Tessin, Napa, at $645 awarded contract by county supervisors for painting and papering detention home. Napa Decorating Co. only other bidder at $677.

SACRAMENTO, Cal.—Until Oct. 1, 10 A. M., bids will be rec. by Harry W. Hall, County Clerk, for complete double steel plate electrical lining and protection for vault and vault vestibule; also electrically protected safe cabinet to cover safe and five stations for hold-up alarm and also police alarm in Sheriff's office. Cert. check 10% payable to Chairman of Bd. of Sups. req. Further information obtainable from clerk.

RESIDENCES

Plans Being Prepared.
RESIDENCE Cost, $12,500
SAN FRANCISCO ,San Pablo Ave.
Two-story and basement frame and stucco residence and garage.
Owner—R. Remensperger.
Architect — Baumann and Jose, 251 Kearny St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $12,000
LODI, San Joaquin Co.
One-story frame addition to residence.
Owner—O. H. Wells.
Architect—Ralph P. Morrell, 41 S Sutter St., Stockton.

Plans Being Figured.
RESIDENCE Cost, $8000
STOCKTON, San Joaquin Co., Cal.
One-story frame and stucco residence (6 rooms and garage).
Owner—Wm. Colberg, 638 N Pilgrim, Stockton.
Architect—Ralph P. Morrell, 41 S Sutter St., Stockton.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Contract Awarded.
RESIDENCE Cost, $18,043
BURLINGAME, San Mateo Co., Cal.
Lots 1 & 2 Blk 5 Sub No. 3, Burlingame.
2½-story frame residence and garage.
Owner—Andrew S. & May C. Lamond, 214 Natoma St., S. F.
Architect—Kuhn & Edwards, 833 Market St., S. F.
Contractor—Leonard Dionardi, Dumbarton Ave., Redwood City

Plans Completed.
RESIDENCE Cost, $12,000
SAN FRANCISCO, W. San Fernando 149 N. Monterey
Two-story and basement frame residence.
Owner—A. E. Richards, 721 Beach St., San Francisco.

Plans Being Figured.
GARAGE Cost, $16,000
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame and stucco residence and garage (8 rms. and 3 bathrooms)
Owner—M. Sapiro.
Architect—Walter Falch, Hearst Bldg., San Francisco.

Competing Plans — Owner To Take Sub-Figures.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame residence, 8-room, and garage.
Owner—F. E. Short.
Architect — Binder & Curtis, Binder Bldg., San Jose.
Plans will be completed this week.

Contract Awarded Cost, $11,000
PALO ALTO, Santa Clara Co., Cal.
Two-story and basement frame and stucco residence and separate garage.
Owner—Fred A. Wickett
Architect—A. Farr & J. F. Ward, 68 Post St., San Francisco
Contractor—Minton Co., Mountain View
Contract includes all work except painting, heating, finish hardware and light fixtures.

Contract Awarded
RESIDENCE Cost, $15,000
SAN FRANCISCO, W. Santa Clara Ave., 149 N. St. Frances Blvd.
Two-story and basement residence.
Owner—E. Payne, 683 Market St.
Contractor—S. A. Born Building Co., 683 Market St.

LOS ANGELES, Cal. — Architects Mesnaco & Rocheaux, 913 Bank of Italy Bldg., are preparing plans for an 8-rm. Italian residence, to be erected at Los Feliz Heights, for Paul Parish. Frame and plaster constr., 2-story and part basement, tile roofing, hardwood and cement floors, tile mantels, gas furnace heating, automatic water heater, hardwood and O. P. trim, tile baths and drainboards. Cost, $30,000.

SCHOOLS

Plans Being Figured—Bids Close Sept. 24, 1923, 7:30 p. m.
ADDITIONS $150,000
PALO ALTO, Santa Clara Co., Cal.
One-story frame and stucco additions to school bldgs. (main gymnasium bldg., boys' gymnasium, wing, 3 classrooms and lecture hall, addition to manual training bldg., bleachers).
Owner—Palo Alto Union High School District.
Architect—Birge Clark, 600 Embarcadero Road, Palo Alto.
Segregated figures are being taken as follows:
Excavating, concrete work, and carpentry.
Plumbing.
Heating and ventilating.
Steel lockers.
Sheet metal work.
Tile roof.
Composition roof.
Plastering.
Blackboards.
Painting.
Electrical work.
See call for bids under official proposals.

NOTE. The following letters, the first dated August 6th and the second or K. C. B.-like one of May 23rd are from the fertile brain of a clever lady who signs herself "May C. B." May is unknown to Sandy Pratt, writer of this near literature, but from the stationery she uses she probably is in one of the State offices or with some Sacramento business house. May C. B. should be writing for William Randolph Hearst, Sandy Pratt or Douglas Fairbanks. She is too good to work in an office. Sandy republishes her clever K. C. B.-like letter of May 23rd, as well as the photo of Mrs. B. Authority referred to in May C. B's letter of August 23rd. But Clarence Sand Pratt, producer of clean, sharp sand, is now ready to award the prizes in Sandy's naming contest for a commercial name of the crushed rock to be produced at Prattrock, near Folsom, but if the judges award the prize to May C. B., where is Sandy to send the $100.00 worth of preferred stock in the Pratt Rock & Gravel Co. Therefore, May C. B. should at least tell Sandy her address.—Editor "PRATT'S CONCRETE MIX."

Sacramento, Calif., Aug. 6, 1923.

Mr. Clarence Sand Pratt,
Of Sacramento, Marysville, Monterey County,
San Francisco and Prattrock.
Dear Sandy:

I suppose, as usual, I am about six weeks too late for your rock naming contest, but here goes, anyway. I was writing a letter to you last Thursday evening when the extra appeared announcing the death of our President, so all thoughts of clean, sharp sand went glimmering. And then Saturday's Bee announced "The End," for which I am truly sorry, for I certainly have enjoyed your "Concrete Mix." And right now let me thank you for publishing my last brain storm. I have not yet reached the stage where I can think of the "Lady of the Feathers" without shaking with laughter. That almost sent me into hysterics. You certainly did as pretty a job of hitting the nail on the head as could possibly be done, and I shall keep that always as a sure antidote for the blues.

If your contest is not closed up too tight, I would like to suggest the following names, product of solid ivory. **Arrowflint, Arrowrock, Arrowquartz, Arrowgold, Arrowpoints, Barbrock, Barbs, Flintrock or Flintroc, Flintgold, Flintbarbs, Goldbarbs.**

These have probably already been suggested by at least six or ten others in the contest, but unfortunately I'm not clever, not the least tiny bit. If I were I might stand some chance for that prize, which is surely most generous and very attractive.

Here's best wishes for the future of the Pratt Building Material Co. and its President, the man with the Original SAND. May the tree that thrives on your Concrete Mix continue to spread its branches.

I THANK YOU,

MAY C. B.

Sacramento, Calif., May 23, 1923

Mr. Clarence Sand Pratt
Of Sacramento, Marysville,
also Prattrock, near Folsom.

DEAR SANDY.
I'VE BEEN reading a lot.
LATELY.
ABOUT SAND, your sand.
AND I'LL say for you.
THAT SAND.
IS WHAT you have.
AND SANDY.
I'M ONLY a woman.
BUT I know a man.
WHO NEEDS your help badly
AND HE'S married.
ABSOLUTELY AND completely
IF YOU know.
WHAT I mean.
AND THE male attire.
FOR THE household.
IS WORN.
BY THE other half.
AND I have thought.
IF SUCH could be.
YOU MIGHT inject a ton.
OR MAYBE two.
OF YOUR best sand.
INTO HIS craw of spine.
OR WHEREVER it is.
THAT SAND should be.
AND SANDY, I don't know.
WHETHER IT'S sharp sand.
OR QUICK sand he needs the most.
"I THANK you."
MAY C. B.

Mrs. B. Authority of Boss Creek, a tributary of the Feather River. Mrs. Authority is the wife of the Spineless Cactus described by "May B. C." in her above story. The moral is: Buy Pratt's clean, sharp sand from the Pratt Building Material Co. of San Francisco, Prattco, Sacramento and Marysville and your husband will have the "sand" to earn the (Pratt's) "rocks" to make you happy and not be a jelly fish or a sanddab, as "May C. B." tells about.

Working Drawings Being Prepared.
SCHOOL Cost, $250,000
LOS GATOS, Santa Clara Co., Cal.
Two-story reinforced concrete high school bldg. with auditorium.
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured—Bids Close Sept. 18, 1923.
CONVENT Cost, $60,000
SAN FRANCISCO, Green St. between Steiner and Pierce Streets.
Two-story reinforced concrete parochial school and convent (St. Vincent de Paul Church).
Owner—Roman Catholic Archbishop of San Francisco.
Architect — Shea and Shea, Chronicle Bldg., San Francisco.
Figures are being taken from a selected list of contractors.

Plans Being Refigured—Sept. 27, 1923.
ADDITION Cost, $30,000
ANDERSON VALLEY, Mendocino Co., California.
One-story frame and plaster addition to school.
Owner—Anderson Valley Union School District.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Plans may be obtained from the architect.

STOCKTON, San Joaquin Co., Cal.—The Stockton Board of Education at their meeting on September 7th, awarded a contract to E. E. Vickroy, 1122 N-Commerce St, Stockton, for the construction of one-story eight-room brick school building to be erected on Pilgrim street, between Jackson and Jefferson streets from plans prepared by Architects Charles Young, Commercial & Savings Bank Bldg., Stockton. Contract price, $55,555. These bids were opened on August 1st, and were held under advisement until this time.

LOS ANGELES, Cal.—J. F. Kobler, 301 N Ardmore Ave., was awarded the general contract, at $60,549 for erecting a new school bldg. at Palo Verde school site. Other contrs were awarded as follows: Plumbing to Oro King at $4862; heating to Western Engineering & Construction Co. at $7540; painting to Wickens & Emple at $1692; and wiring to Peerless Electric Co. at $2674.

MERCED, Merced Co., Cal.—The Board of High School Trustees of Merced awarded the following contracts on September 7th for the construction of an auditorium annex and for the construction of a cafeteria building, from plans prepared by Architects Allison & Allison of Los Angeles and W. E. Riedesen, Engineer, Merced.

General contract to T. C. Walstrom, Turlock, $25,560.

Sheet metal work to R. Barcroft & Son, Merced, $233.70.

Composition roof to San Joaquin Lumber Co., Stockton, $180.

Tile roof, bids rejected to be re-advertised.

Plastering bids rejected to be re-advertised.

Painting to J. J. Joseph, Merced, $1579.90.

Plumbing to R. Barcroft & Son, Merced, $509.40.

Hardware, reserved.

Wiring to Merced Hardware Co., $1771.82

Heating to Tegelberg, Kingsburg, $2456.

Cafeteria Building

Contract awarded to J. E. Fritz, 957 20th St., Merced, $11,528.

LOS ANGELES, Cal.—Callahan, Schilling & Brown, San Fernando Bldg., were awarded the general contract at $32,589 for erecting a new school bldg. at Sierra Vista School site. Other contracts were awarded as follows: Plumbing to J. Hokom at $3027; heating to Coast Radiator Corp. at $550; painting to Peerless Electric Co. at $1436.

LOS ANGELES, Cal.—Until 9 a. m., Sept. 26, bids will be received by the board of education for erecting a new bldg at Fries Ave. school site, Fries Ave. and M St., Wilmington; H. F. Withey, archt. Separate bids will be taken on general contract, plumbing, wiring, heating and ventilating and painting; $110,000. Plans and spec. may be obtained at secretary's office, 730 Security Bldg.

WOODLAND, Yolo Co., Cal.—Until Sept. 26, 1:30 P. M., bids will be rec. by Wm. M. Hyman, Clerk, Woodland High School District, to erect concrete manual arts and agricultural building. W. H. Weeks, 369 Pine St. San Francisco, is the architect. **See call for bids under official proposal section in this issue.**

STOCKTON, San Joaquin Co., Cal.—The following bids were received on September 7th at 7.30 P. M., by the Board of Trustees of the Stockton Board of Education for the interior work for the high school auditorium, including wiring, lighting fixtures, ceiling work, stage arch and heating equipment. Plans were prepared by Architect Louis L Stone, Belding Bldg., Stockton. Davis-Heller-Pearce Company, Delta Bldg., Stockton, are the supervising architects.

General Contract

J. F. Shepherd, Yosemite Bldg., Stockton, (awarded) $37,997
H. D. Vickory, Stockton..... 38,555
Edw. H. Riley, Stockton..... 38,977

Heating (Bids Rejected)

Miller-Hayes Co., Stockton.....$9247
E. L. Gnekow, Stockton..... 9,065
Stockton Plumbing Supply Co, Stockton 9,990

SAN FRANCISCO—Until Sept. 17, 2 P. M., bids will be rec. by Leanord S Leavy, city purchasing agent, for fur and del. one map case for school department. Blanks for bidding and further information obtainable from above.

NAPA, Napa Co., Cal.—Until Sept. 21, 7:30 P. M., bids will be rec. by Roy Sneed, Clerk, Salvador Union School District, for fur. and del.:
100 folding auditorium chairs;
100 folding auditorium chairs (light weight);
3 teachers' desks;
30 students' desks.
Cert. check 10% payable to Pres. Bd. of Trustees of Diat. req. Further information obtainable from clerk.

NAPA, Napa Co., Cal.—Until Sept. 21, 8 p. m., bids will be rec. by Howard Roper, clerk, Napa Union High School District, for fur. and del. cafeteria equipment as listed in **official proposal published in this issue.**

BETHA, Alameda Co., Cal. —The following bids were received by Mrs. Lillian Monroe, clerk, Mountain House School District, to erect new school. C. C. Ekenberg, architect, Tracy, Calif.
Sykes & Monroe, Brentwood, Cal. $6035
C. C. Ekenberg, Tracy 6185
Contract awarded to Sykes & Monroe.

MODESTO, Stanislaus Co., Cal.—See "Waterworks," this issue. Pressure water system. Bids wanted.

SANTA ROSA, Sonoma Co., Cal.—E. Ahlstrom and J. W. Keller, 927 Wright St., Santa Rosa, at $7661 with alternates bringing contract price to $8161, awarded contract by Board of Education to erect 3-classroom annex to Burbank School. Next low bidder was W. J. Meeker, $7670 with alternates bringing bid to $8263. W. H. Weeks, architect, 369 Pine St., San Francisco.

SANTA ROSA, Sonoma Co., Cal. — Proctor & Cleghorn, Rosenberg Bldg., Santa Rosa, general contractors, want sub bids for the Fremont School building to be erected in Santa Rosa from plans prepared by Architect W. H. Weeks, 369 Pine St., S. F. It will be a reinforced concrete structure to cost approximately $110,000. Bids will be opened on September 24th.

LOS ANGELES, Cal.—Until 9 a. m., Sept. 28, bids will be received by the board of education for erecting boys' gymnasium bldg. at Manual Arts high school site, separte bids on general contract, plumbing, heating and ventilating, painting and wiring.

LOS ANGELES, Cal.—Until 9 a. m., Friday, Sept. 28, bids will be received by the board of education, room 730 Security Bldg., for separate contracts in erecting the boys gymnasium bldg. at the Manual Arts school, n. w. cor. Vermont Ave. and 42nd St., as follows: general contract, plumbing, heating and ventilating, painting and electric wiring. Check or bond for 25%.

NAPA, Napa Co., Cal.—W H. Young at $730 awarded contract by Napa High School District to install lockers in high school.

MEDUSA
WHITE CEMENT

LOW PRICES
FRESH STOCK

Pacific Materials Co.
525 Market Street San Francisco

BAKERSFIELD, Kern Co., Cal. — Until Oct. 15, 8 p. m., bids will be rec. by Boyce R. Fitzgerald, clerk, Kern County Union High School District, to erect class A shops building and greenhouse for high school. Segregated bids are wanted for (1) general contract; (2) plumbing and heating; (3) electric work; (4) finish hardware. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. **See call for bids under official proposal section in this issue.**

HANFORD, Kings Co., Cal.—U. C. Bock, Hanford, at $1,597.50 awarded contract by Board of Education to erect bungalow school at Paddock school grounds. Will be 24 by 38 ft.

SACRAMENTO, Cal.—Bids will be asked by Board of Education immediately for furnishing 12 three-burner ranges for use of domestic science department of Fremont school.

LOS ANGELES, Cal. — Kinne-Westerhouse Co., 636 H. W. Hellman Bldg., was low bidder at $294,000 on the gen. contr. for erecting a new auditorium bldg. and boiler house at Hollywood high school; Norman F. Marsh, 211 Bdwy. Central Bldg., archt. B. D. Kronnick, 3623 So. Park Ave., was low on alternate proposals. Low bidders on other contracts were: Coker & Taylor, Glendale, on plumbing at $6989; Midgley Bros. on heating and ventilating at $54,949; Winvick Decorating Co. on painting at $3300; and S. & H. Service Electric Co. of Alhambra on wiring at $9028. The bids were: General contract — Kinns-Westerhouse Co., $294,000; (a) deduct $6000; (c) add $9000; (d) add $6000; North Pacific Constr. Co., $299,850; (a) deduct $6200; (b) deduct $650; (c) add $275; (d) add $2000; B. D. Kronnick, $304,000; (a) deduct $17,489; (b) deduct $1710; (d) add $1000; Trewhitt-Shields Co., $318,761; Darrell Condley Co., $326,583; K. R. Bradley Constr. Co., $329,000; J. A. Hill Constr. Co., $329,000. Plumbing—Coker & Taylor, $6989; Lohman Bros., $7228; J. Hokom, $8392; G. C. Sutton, $8988. Heating and Ventilating—Midgley Bros., $54,949; Lohman Bros., $58,855; Hoaglund-Lakin Co., $59,390; J. Hokom, $59,637; Thos. Haverty Co., $59,945; L. Z. Brown, $62,243. Painting—Winvick Decorating Co., $3300; H. H. Mann, $3993; Alhambra Wall Paper & Paint Co., $4500; Wickens & Emple, $4900; R. P. Tull Co., $5330; R. E. Swan, $6390. Wiring—S. & H. Service Electric Co., $9028; American Electric Constr. Co., $10,202; Newbery Electric Corp., $10,793; Graham Electric Co., $10,932; Peerless Electric Co., $12,000; H. H. Walker, $12,377.

BANKS, STORES & OFFICES

Contract Awarded On A Percentage Basis—Sub-Figures Being Taken.
OFFICE BLDG. $1,500,000 approx.
LOS ANGELES, Cal., NW Hope and 10th Sts.
Eight-story class A office bldg. (Spanish Renaissance type of architecture).
Owner—Standard Oil Co.
Engineer—H. J. Brunnier, Sharon Bldg. San Francisco.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Contractor—The Foundation Co., 58 Sutter St., S. F. and Higgins Bldg., Los Angeles.
Most of the sub figures will be taken from the Los Angeles office.

Plans To Be Prepared.
STORE BLDG. Cost, $45,000
SANTA ROSA, Sonoma Co., Cal., N E 4th and Davis Sts.
Two-story reinforced concrete store building 80x100.
Owner—N. Bacigalupi & Son, 205 4th St., Santa Rosa, Cal.
Architect to be selected shortly.

Contract Awarded.
STORE BLDG. Cost, $17,600
FRESNO, Fresno Co., Cal. No. 1522-24 Kern St.
Store building.
Owner—J. Scheidt, Fresno.
Architect—None.
Contractor—F. J. Stone, Mason Bldg., Fresno.

Contracts Awarded—Sub-Figures Being Taken.
OFFICE BUILDING Cost, $150,000
BERKELEY, S. University Avenue near W Shattuck.
Six-story and basement class A store and office bldg. for doctors and dentists; 2 stores and 60 offices.
Owner—Fred Koerber and Henry Bischoff, Berkeley.
Architect—Name withheld.
Bids are being taken by F. M. Young of the Berkeley Building Co., Solano and Colusa Sts., Berkeley. Phone Berkeley 397, who will have charge of construction.
Excavating awarded to Arris Knapp, Oakland.
Structural steel to Shrader Iron Works.
Steel Lumber to Truscon Steel Co., 709 Mission St., San Francisco.
Bids are wanted immediately for vacuum and compressed air system.

Preliminary Plans Being Prepared.
OFFICE ETC. BLDG. $1,000,000 or more
SAN FRANCISCO, N Bush bet. Grant Ave. and Kearny St.
Class A steel-frame office bldg. (central office and equipment bldg.) number of stories not decided.
Owner—Pacific Telegraph and Telegraph Co.
Building Engineer — E. V. Cobby, 333 Grant Ave., San Francisco.

Completing Plans — Figures to be Taken Shortly.
DEPARTMENT STORE Cost, $80,000
PACIFIC GROVE, Monterey Co., Cal.
Two-story and basement reinforced concrete department store.
Owner—Holman's Department Store Co., 602 Lighthouse St., Pacific Grove, Calif.
Architect—A. B. Coates of J. C. Anthony Co., Monterey.
Mr. Holman will take the figures.

Foundation Bids to be Called For.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Consing Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Bids for the concrete foundation will be called for in a few days by the purchasing department of the owners.

Plans Being Prepared.
OFFICE BLDG. Cost, $100,000
SAN JOSE, Santa Clara Co., Cal. Third St. near San Fernando.
Two or three-story reinforced concrete brick and terra cotta office building.
Owner—Pacific Gas & Electric Co.
Architect—Binder & Curtis, Binder Bldg., San Jose.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

Contract Awarded.
STORE BLDG. Cost, $14,800
BURLINGAME, San Mateo Co, Cal. Lots 7-A Blk 1.
One-story reinforced concrete store building.
Owner—Otto A. Schoning, 622 Hurlingham, Burlingame.
Contractor—Thos. J. Broderick, 1528 Cypress, Burlingame.

OAKLAND, Cal.—See "Halls and Society Buildings," this issue.

LOS ANGELES, Cal.—Archt. Otto H. Neher and H. Hasenberger, engr., 209 Marsh-Strong Bldg., are preparing plans for a 13-story class A office bldg. to be erected at 821-25 S Spring St., for J. Benj. Fahy and a group of local capitalists; it will contain 371 office suites with stores and shops on the first floor. Struct. steel and reinf. conc. constr., 100x155 ft., brick walls, terra cotta facing, steam htg. sys., vtg. sys., comp. rfg., 4 elec. elevators, hot and cold circulating water to each office suite, plate glass, tile and marble work, mezzanine fl., steel sash. The enterprise will cost about $1,750,000.

LOS ANGELES, Cal.—Archt. Curlett & Beelman, 408 Union Bank Bldg., have completed plans for a 6-story and basement class A store and loft bldg. to be erected at 9th and Olive Sts. for the Sun Realty Co. It is designed for 12 stories. Dimensions, 86x160 ft., reinf. conc. constr., plate glass, marble and tile work, steel sash elevators, steam heating.

LOS ANGELES, Cal. — The Pacific Southwest Trust & Savings Bank has purchased the property at the northeast corner of 8th and Olive Sts. and contemplates the erection of a class A bldg. to cost $1,000,000. The site is 100x79 ft. The present leases expire in 2½ years.

TERRA BELLA, Tulare Co., Cal.—Until Oct. 2, 11 a. m. bids will be rec. by Earle R. Clemens, sect'y., Terra Bella Irrigation District, to construct office building. Cert. check 10% req. with each bid. Plans obtainable from Secretary.

POPLAR, Tulare Co., Cal.—Mission Building Co., Porterville, has contract to erect one-story brick store building, 36 by 70 feet, for Poplar Mercantile Company. Construction will be started at once.

LONG BEACH, Los Angeles Co., Cal.—J. V. McNeil Co., W. H. Hellman Bldg., has the contract at $283,985 for all work complete for erecting a 7-sto. and basement Class A store and office building at the southwest corner of 5th St. and Pine Ave., Long Beach, for Pine Ave. Realty Co. Thos. Clark Spearman, president. It will be 50x150 ft., reinf. concr. constr., press. brick and terra cotta facing, plate glass, 1 freight and 2 passenger elevators, hardwood trim, steam heating, marble and tile work. Thos. Franklin Power, 2615 W. 7th St., archt.

LOS ANGELES, Cal.—Edwards, Wildey & Dixon Co., 515 Black Bldg., have been awarded a contr. at $795,000 for erecting a 13-story class A bank and office bldg. on S. side of 8th St. and extending from Main to Spring Sts. for National City Building Co. Walker & Eisen, 325 Pac. Finance Bldg., archts. The first floor, mezzanine and basement will be occupied by the National City Bank, and each of the upper stories will contain 18 offices. Dimensions, 102x120 ft., steel frame constr., terra cotta and press. brick facing, plate glass, hardwd. trim., reinf. conc. flrs., marble and tile work, elevators, steam htg. The bldg. is to be completed in 9 months. The site is the former Home Builders' office bldg. site and the foundation has been completed and a portion of the structural steel installed.

SAN FRANCISCO, Cal.—Lindgren, Swinerton Co., Inc., Standard Oil Bldg. has awarded a contract to Gladding-McBean Co., Crocker Bldg., for the terra cotta in connection with the construction of a 6-story reinforced concrete store and office building for C. T. Kierulff. It is being erected on W Sansome St., between Pine and California from plans by Architects McDougall & Haenke, 381 Bush St.

LOS ANGELES, Cal.—Archts. John C. Austin and F. M. Ashley, 1125 Detwiler Bldg., have completed plans for a part 1-sto. and part 13-sto. and basement class A bank, store and office bldg. to be erected at Hollywood Blvd. and McCadden Pl. for Commercial Bldg. Co., 715 Jr. Orpheum Bldg. Dimensions, 66x130 ft., steel frame constr., reinf. concr. walls and floors, press. brick and terra cotta facing, plate glass, hardwd. trim, marble and tile work, 2 elevators, steam htg., vacuum cleaning; $500,000. Wm. Simpson Constr. Co., Bank of Italy Bldg., has the contr.

SAN FRANCISCO, Cal.—The M. G. West Co., 115 Front street, San Francisco, has been awarded a contract by the Federal Reserve Bank of San Francisco to movable metal furniture and equipment to be installed in its new seven-story class "A" bank and office building being erected on the NW corner of Batery and Sacramento sts., Contract price $101,135. Plans were prepared by architect Geo. W. Kelham, Sharon Bldg.

THEATRES

Plans Being Prepared.
THEATRE & STORE Cost $100,000
ELMHURST, Alameda Co., Cal. 89th Ave. and E-14th St.
One-story concrete moving picture theatre and store bldg.
Owner—L. J. Toffelmier & Sons, 701 Parrott St., San Leandro.
Architect A. W. Cornelius, Merchants Natl. Bk. Bldg., San Francisco.
The site is now being cleared.

LOS ANGELES, Cal.—Until 11 A. M., Oct. 1, bids will be rec. by supervisors for const. of a culvert on Long Beach Blvd. at Station 165 plus 61 in Los Angeles county Plans and spec. on file at the office of board. Cert. chk. or bond, 10%.

SANTA ANA, Orange Co., Cal.—Architect Carl Boller, 531 Douglas Bldg., has completed plans for a Class C theatre building, to be erected at Santa Ana, for Chas. E Walker; will contain auditorium and balcony to seat 1200 people and 2 shops. Brick walls, 2-sto., 50x140 ft., tile and comp. rfg., polychrome terra cotta facing, reinf. concr. and struc steel frame constr., gas furnace heating system, mezzanine floor, ornamental iron work, ornam. plas. metal lath, plate glass, mech. vtg. sys., projection rm., foyer, part basement; $80,000. Concrete Constr. Co., Santa Ana have the general contract on a fixed cost percentage basis. Baker Iron Works, have the contr. for struc. steel

LOS ANGELES, Cal.—Archt. Richard D. King and Frank M. Goodwin, assoc., 519 Van Nuys Bldg., have completed preliminary plans for a 2-story theatre, store and hotel bldg., to be erected at cor. Tamarind & Magnolia Sts., Compton, for Ramsey & Bemus; the theater has been leased to A. J. Davenport, Compton. It will have an auditorium to seat 850 people and designed for future balcony, stage for motion pictures and vaudeville, lobby, foyer, 5 stores and 3 small shops, 30 hotel rooms with 75 per cent baths. Two-story, 97x135 ft., press. brick and terra cotta facing, comp. rfg., struc. steel, plate glass, tile baths, vtg. sys., marquis, O. P. and tile fls., steam htg. sys., ornam iron works; cost $100,000.

WHARVES AND DOCKS

Plans Being Prepared.
PIER & SHED Cost, $1,000,000
SAN FRANCISCO, China Basin Pier 50.
Pier and shed 600 ft. long 386 ft. wide (wood piles with concrete covering).
Owner—State Board of Harbor Commissioners.
Engineer—Frank White, Ferry Bldg., San Francisco.
Plans will be ready for figures in about three months.

Plans To Be Prepared.
PIERS & SHEDS Cost, $1,000,000 ea
SAN FRANCISCO, Piers No. 48 & 52, China Basin.
Two piers and sheds approx. 600x386 ft. wood piles with concrete covering.
Owner—State Board of Harbor Commissioners.
Architect Frank White, Ferry Bldg.,

MISCELLANEOUS BUILDING CONSTRUCTION

Ready for Figures in About a Month.
EXCHANGE BLDG. Cost, $100,000
SANTA ROSA, Sonoma Co., Cal., 2nd St. near B St.
Three-story and basement steel and reinforced concrete exchange bldg., 45x87.
Owner—Pacific Telephone & Telegraph Company.
Building Engineer—E. V. Cobby 333 Grant Ave., San Francisco.

Ready For Figures In About a Month.
EXCHANGE BLDG. Cost, $75,000
RICHMOND, Contra Costa Co., Cal., MacDonald Ave. and 21st St.
Two-story and basement steel frame and reinforced concrete telephone exchange building.
Owner—Pacific Telephone & Telegraph Company, 333 Grant Ave., S. F.
Architect—E. V. Cobby, 333 Grant Ave., San Francisco.

Plans Completed.
PAVILION, ETC. Cost, $——
MOUNTAIN VIEW, Santa Clara Co., Calif.
Reinforced concrete swimming pool, pavilion, dressing rooms, etc., for Concession Park.
Owner—Kingsport Amusement Co.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Completing Plans.
ORPHANAGE Cost, $350,000
SAN FRANCISCO, Ten acres, lying between Twenty-eighth and Thirtieth avenues and Vicenti and Wawona Streets.
Group of 8 buildings for orphanage (3-story administration building and 6 2-story cottages, concrete, frame and stucco construction and a one-story reinforced concrete laundry and power house.
Owner—San Francisco Protestant Orphanage Society.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
The first story of the administration and cottage buildings will be of concrete construction with frame and stucco above.

CULVER CITY, L. A. Co., Cal.—Geo. F. Barber, of Vancouver, B. C., will construct the new Culver City racetrack for the Southern California Jockey Club, which is being promoted by Dick Ferris and C. W. Clark, a multi-millionaire racetrack man. Barber has the contract to construct all bldgs., etc., but the track itself will be built by an expert who will be brought from the East.

FRESNO, Fresno Co., Cal.—Richfield Oil Co., Los Angeles, will expend $200,000 in Fresno in the construction of a distributing station and numerous service stations. Several tanks of 55,000 gals. capacity will be constructed on property already purchased, in addition to warehouses and division office building. C. M. Fuller is president of the Richfield Oil Company.

REDWOOD CITY, San Mateo Co., Cal. — San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, awarded cont. by Pacific Portland Cement Co., for dredging lands at mouth of Redwood creek where the company plans to erect a plant for the manufacture of cement from oyster shells. The "wet process" of manufacture will be used. The first unit of the plant will consist of two kilns 12-ft. in dia. and 250 ft. long, each having capacity of 1200 bbls. a day. Additional units will be undertaken as fast as process is perfected from experience with the first unit. Palmer and McBryde, 503 Market St., San Francisco, have the contract to rebuild railroad and wagon roads in vicinity of the plant.

SAN FRANCISCO — Board of Public Works plans erection of 7-ft. cyclone wire fence in Division St., bet. 10th and 11th streets.

SAN BERNARDINO, Cal.—Robert E. McKee, El Paso, Tex., was awarded a contr. at about $54,000 for erecting a pipe and tin shop at San Bernardino for the Santa Fe Railway Co. Steel frame constr., conc. and glass walls, comp. fls

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-809 — San Francisco, Calif. Firm handling product for cleaning paint work desire to get in touch with A1 salesman.

D-810 — San Francisco, Calif. Expert accountant, A1 man in every respect desires to make a connection in San Francisco with some firm. Further particulars will be furnished gladly upon request.

D-811 — Detroit, Mich. High-grade manufacturing concern of casters designed primarily to be used on factory or foundry equipmnt is seeking a Pacific Coast representative to handle their line.

D-812—Norfolk, Va. Firm has several carloads of brand new No. 1 Selected Oars, from 11 to 18 feet long, which they are willing to dispose of at about one-half manufacturer's price.

D-815—San Francisco, Calif. Reliable and trustworthy young man desires to get in touch with firm of good standing seeking purchasing agent.

D-816 — San Francisco, Calif. San Francisco firm desires to get in touch with right type of man, with selling experience, who can invest from $3000 to $5000 to cover western territory. Can guarantee security of the business, and salary between $300 and $400 a month in addition to share of profits.

D-817 — San Francisco, Calif. Motor Freight Transportation Corporation has opening for party to handle financial and administrative end. Party need not give entire time to duties but must be available for conference frequently. Ity must make investment of reasonable amount. Company has enlarged, is doing splendid business and is backed by substantial people. Rerefences exchanged.

D-768—Cleveland, Ohio. Party desires to communicate with manufacturer, producer, distributor, exporter and importer, financial house or any responsible commercial enterprise in or around San Francisco seeking representation in Cleveland, or who is interested in developing business there.

7448 — Berkeley, California. Gentleman, eleven years in Orient, with knowledge of languages used, established connections, and experienced in selling and buying, desires employment by a San Francisco firm interested in the above markets.

7450 — Cleveland, Ohio. Gentleman with thorough knowledge of Spanish and Portuguese, expert correspondent and stenographer-typist, capable of managing foreign trade or other office, desires employment with local business house. Has had twenty years varied business experience in different parts of world. References.

7542 — Brussels, Belgium. Manufacturing engineer desires to appoint an agent in this territory for the sale of a mixing agent for insuring impermeability of cement.

CD-108—San Francisco, Calif. Party has $2000 to invest. Wants to buy cigar stand in desirable location.

CD-109 — Los Angeles, Calif. Office manager, expert bookkeeper, correspondent, etc., will invest up to $15,000 with services in good business; Oakland or San Francisco preferred; efficient, reliable, broad experience, chiefly construction and lumber.

CD-110 — San Francisco, Calif. Party has $50,000 to $60,000 to invest, with active connection. Prefers agency business, possibly import-export. Submit propositions in writing.

LEADS FOR BUSINESS

ACCOUNTANTS — Thos. D. Colestock, Chronicle Bldg.
Sam'l Evans Gordan & Co., Mills Bldg.

ADHESIVES—Arabol Mfg. Co., 104 Pine Street.

ADVERTISING — R. W. Hawkins (Haight Distributing Co.) 25 Taylor.
Wm. C. Holliway, 714 Market Street.

ATTORNEYS—P. C., J. W. and L. P. Boardman, Crocker Bldg. to Hobart Bldg.
E. C. Nichols, Hearst Bldg.
F. D. Wismer, Monadnock Bldg. to 68 Post Street.

AUTOMOTIVE—A. C. Speedometer Factory Service, 1812 Van Ness.
Barnett Auto Body Co. (F. Linde) 430 Golden Gate Ave. looking for another location.
Hansen Electric Co. (Batteries, 925 Valencia) to occupy Bldg. now erecting S.W. 17th and Valencia.
Hassler Shock Absorber Co., (A. R. Arnot) 1451 to 1210 Van Ness Ave.
Howard Auto Co. (1600 Van Ness) to occupy bldg. now erecting S.W. 17th and Valencia.
Hyatt Roller Bearing Co. (service dept.) 1812 Van Ness Ave.
L. Minnece (shop) 775 Vallejo.
Nichols, Haviside & Nichols Inc. (Fulton and Laguna Garage) 600 Fulton
Pullman & Pullman (516 Van Ness) buying Auto Specialty Co. 331 Larkin.
Roque & Francisco (shop) 4622 Geary

BANK SERVICE — Chamberlain Ltd., Chronicle Bldg. to 775 Monadnock Bldg.

BROKERS—W. H. Greene, 228 Montgomery Street.
N. C. Turney, 321 Bush Street.

CANDY—Camp Candy Co. to move factories from 316 11th Ave. and 1017 Clement to 8th and Bryant about Sept. 15th.
Sonia Candy Shop (Miss Phelps) 1538 Clay Street.

CANVAS GOODS—Clifton Mfg. Co., 339 Larkin to 216 Golden Gate Ave.

CEMENT PRODUCTS—A. F. Holmberg (678 Monadnock Bldg.) contemplating plant operation 5th and Hooper.

CHECK PROTECTORS—F & E Check Writer Sales Co. (E. T. Crane) and Hedman Mfg. Co., Hobart Bldg.

CIGARS—General Cigar Co. to open stand New Matson Bldg.

CLEANERS — Chas. M. Claussen (147 Clement) will open 6211 Geary in October. This is not a removal.

CLOAKS AND SUITS—H. Breit, 1147 Market Street.

CLOTHING—Maury Ickelson (retail) 64 Embarcadero about Sept. 15th.

COFFEE—U. S. Coffee Company, 1091 Market Street.

COFFEE SHOP—Mrs. Fisher (Reich Hotel) to open in Canterbury Hotel near 750 Sutter Street.

DENTISTS—E. R. Erikson, 4612 Mission Street.
Modern Dental Laborating, 240 Stockton.
P. F. Sikora 3207 Mission to 3510 18th.

DRESSES—Albert Loo (factory) 543 Pacific Ave.

DRUGS—Shumates to open branch 10th Avenue and Geary.
Upholm Co., 585 Mission to 1st and Howard, soon.

ELECTRICAL—Fobes Supply Co. (260 5th) will soon open showrm. in Oakland.
M. & W. Baker Co. (equipment) 531 Jessie North Beach Electric Co.
J. J. Joseph) 1318 Polk.

ENGINEERS—H. S. Tittle ,Electrical) 766 Folsom to 85 Clementina.
Geo. Wagner (Bldg.) 251 Kearny to occupy office and shop now erecting South Park near 3rd in October.

FOUNDRY—Great Western Smelting & Refining Co. (75 Folsom) erecting iron foundry Spear and Folsom.

GROCERS — Belmont Grocery, 2184 Greenwich.
Healy & Turner, 197 Randall.
Parkway Grocery, 2901 Irving.
P. Reilly, 2701 Folsom.
L. A. Zunr establishing wholesale grocery business in Santa Rosa.

HAIRDRESSING—Nelson & Stephenson, 1617 Haight.

HEMSTITCHING — Miss M. Servetti, 4427 Mission.

HOSIERY—Moss Glove & Hosiery Co., 1023 Market.

HOTELS — Canterbury (G. D. Smith, Mgr.) now ready, 750 Sutter.
M. A. Little (535 Geary) to build 12-story, Taylor and O'Farrell.

INSURANCE—Albany Life Ins. Co. (S. P. Wiley & S. C. Guglielmino) 821 Market to 240 Montgomery.

INTERIOR DECORATORS — Morgan Studio (Miss E. M. Pichen) 259 Geary.

INVESTIGATORS—P. E. Geanque, 512 California to Flatiron Bldg.

LADIES FURNISHINGS — Mrs. Julia Petersen, 468 Geary.

LAUNDRIES — American Laundry Co. (Shea & Shea archts, Chronicle Bldg) to build $100,000 plant 17th and Sanchez.
Wah Lee, 1749 Waller.

LUBRICANTS — Monomobile Oil Co. (562 Howard) new bldg. started S.E. Ritch and Brannan.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

LUMBER—Harry Call to open yards at Melrose.
W. M. Manuel, Dollar Bldg.
Junius C. Snead Company, Sharon Building.
MACARONI—Gragnano Products, Inc. factory, 831 Valencia to 970 Bryant Sept. 15th.
MACHINE WORK — John F. Mitchell Machine Works, 119 Beale to 840 Howard, soon.
MACHINERY—Edw. R. Bacon Co., 51 Minna and 735 Folsom to 17th and Fulsom, soon.
Mines Supply & Machinery Co., Hobart Bldg. to 322 Rich today.
Coast Equipment Co. (L. A. Somers) 766 Folsom to 85 Columbia.
MFRS. AGENTS — Miss Florence E. Dutton (steel products) 221 Liberty Bank Building.
E. L. Henrickson, 54 Natoma.
MARKETS — Hamilton, 1159 to 1103 Scott Street.
MILLINERY—Ethel Brown, 284 O'Farrell Street.
Lucille Quedens, 2136 Union.
MORTITIANS—Fred Suhr (2919 Mission) contemplates construction new parlors Mission near 25th.
OIL PROMOTION—C. C. Julian, Warfield Building.
OPTICIANS — California Optical Co., branch, 1028 Market.
PAINT—Moran Paint & Oil Co., factory 383 Brannan to 2360 3rd.
PAINTERS — Decorative Art Studios (think Whittaker Bros.) 620 G. G. Avenue.
Eagle House Painting Co. (R. C. Williams) 918 Fulton.
PHONOGRAPHS—General Phonograph Corp., 86 3rd.
PLASTER WORK—H. W. Nielsen (ornamental) 472 Valencia.
PLUMBING SUPPLIES — National Plumbing & Wrecking Co. change to Natl. Plumbing Supply Company 1554 Market Street.
POLISHES—Oso Products Co. (E. F. Wells, 1053 Mission) bldg. factory in Livermore.
PUBLICATIONS — Long Beach Telegram, Hearst Bldg.
REAL ESTATE—H. B. and A. B. Simmons, 58 Sutter Street.
RESTAURANTS — Louis' Chili Parlor, 228 Ellis Street.
Mexican City Grill, 872 Geary Street.
RUGS—California Rug Co., 2147 to 2263 Lombard.
SEWING MACHINES—G. H. Missman, 1510 Haight St.
SHOES—Feltman & Curine Shoe Stores Co. (of Chicago) 979 Market, soon.
SMOKERS' ARTICLES—Cig-Ash-Ador Co., 962 Mission Street.
STUDIOS — Artcraft Studios, Wayne Mack (motion picture) and Mrs. Rose (dance) 545 Sutter.
S. F. R. Winant (vocal) 376 Sutter St.
TAILORS—Savelli & Iaconetti, 241 to 830 Columbus Ave.
Standard Tailors, 760 Market Street.
TILE—Lionel Stone, Monadnock Bldg.
TRANSPORTATION — California-New York Steamship Co. (H. J. Mallen & Co.) 6th Floor Royal Ins. Bldg.
Santa Cruz & Monterey S.S. Co., Pier No. 24 to Pier No. 40.
WAREHOUSE—Bekins Fireproof Storage Co. (13th and Mission) building Geary and Emerson.
MISCELLANEOUS—Geo. H. Bragg, Sr., Hall Bldg. to Williams Bldg.
Planser Sales Company, 417 Market.
General Ceramics Co., and Pecora Paint Co., Monadnock Bldg.
Lorimer Greenbaum, Inc. (Graysona Needle-craft Corp.) 833 Market St.
S. F. Greel (Importer) Dollar Bldg.
A. C. Johnson, 330 Jackson.
Dr. R. S. Kershaw, 5340 Geary Street.
Hugh McWilliams Co, 155 Valencia St
Orlando Miller, 557-559 Geary.
Davenport R. Phelps appointed secretary South City Chamber of Commerce.
Protestant Orphanage Society, 520 Lake; work will begin at once on 2 million dollar relief home; John Reid, Jr., architect.
Fit-o-net Sales Co., 268 Market St.
World Window Cleaning Co., Spreckels Bldg.
Superior Tire & Repair Co. (Geo. Spelt) 1650 Pine looking for location.
Lancaster Tire Company, looking for location with spur trackage.
Scientific Exploration Syndicate (Wallace Campbell) 170 2nd.
ACCOUNTANTS — T. E. Atkinson, 22 Battery St. to Alaska Coml. Bldg.
ASBESTOS—R. M. Bundsohn (Asbestos Co. of Cal.), 16 Natoma St. to 453 Stevenson St.
AEROPLANES — Walter T. Varney, 1512 Pine St.
BROKERS — Berendsen & Tubbs, 220 Montgomery St.
DRUGS—Cahn-Aguirre Co, branch 1701 Balboa.
ELECTRICAL—Motor Maintenance Co., 892 Mission to 445 Natoma.
Signal Electric Mfg. Co., 709 Mission.
IMPORTERS—T. Yamada & Co., Clunie Building.
INSURANCE—W. C. Doyl, Cal. Com'l. Union Bldg.
MILLINERY — Mrs. R. A. Brownlee from Phelan Bldg. to 141 Grant Ave.
REAL ESTATE—F. A. Nelson and F. J. Woods, 316 Bush.
RESTAURANTS—Nicholson Bros., now open 1214 Market.
Remodeling for lunch counter, 939 Kearny.
SHEET METAL PRODUCT — Shields Bros., 1928 Post.
SHOW CARDS—Gille Show Card Co 820 to 818 Mission.
SMOKER SUPPLIES—Sutliff Pipe Shop 670 to 578 Market, Nov. 1.
TAILORS—Taken part of 804 Mission.
Katz, (Ladies') about 619 Geary.
MISCELLANEOUS—W. C. Backus, 1040 Van Ness Ave.
The Betty Ann, 414 Geary.
Dr. A. C. Jackson, 760 Market.
Dr. W. A. Lampe, 1026 Market to 673 Haight.
National Safety Appliance Co., 82 Mary to 57 Post.
Peerless Furniture Co., Geary and Larkin.
Regent News Co., Inc., 490 to 482 Sutter.
Wilson & Jansen, mattress manufacturers, now at 273 12th St. will occupy factory building now under construction 12th Street S of Howard. Ready about Oct. 15.
Buttrick Publishing Co. will occupy new bldg. Fremont and Mission about Oct. 1.
J. Eller has opened a spring factory at 531 Jessie.
ATTORNEY—Benj. I. Block, 760 Market to Hearst Bldg.
C. L. Margolis, Hearst Bldg.
AUTOMOTIVE—L. L. Clough Co (tires) 1101 to 1143 Post.
E. C. Palmer (transmission work) 768 Golden Gate Ave.
CANDY—Acme Sweet Shop, 3237 22nd Street.
L. J. Besch, 652 Fillmore.
Scalmanini Bros. (factory), Union to 149 Grove.
CLEANING — Superior Blanket and Curtain Cleaning Works, 160 14th St.
CLOTHING — Cerf Rosenberg Co., 32 Battery St.
DENTISTS—F. J. Gliebe, 323 Geary.
W. G. Sheffer, 870 Market.
FURNITURE — T. H. Ferguson, 415 Sutter.
GROCERS — Italian American Grocery Co., Inc., 955 Clement.
INSURANCE—Fidelity Phenix Fire Ins Co., (marine department) 340 California.
JEWELRY—Abner Freisman, 140 Third
LAUNDRY—Snow White Laundry Co. of Oakland have leased a new laundry which is being erected on S. W. 23rd Ave. and Boehmer St., Oakland by J. R. Kaelin.
LIGHT FIXTURES — Heide Bros., 804 Mission.
LIMESTONE PRODUCTS — Pacific Limestone Products Co., 22 Battery.
MACHINERY — L. H. Hershfield, 90 New Montgomery.
MFRS. AGENTS—F. J. Klenck Co., 55 New Montgomery.
MARBLE & STONE—F. N. Weeks, 821 Market.
MARKETS—Nathan Stein (101 Parnassus Ave.) to buy Empire Market (meats) 2374 Mission from Jos. Lefkowitz Sept. 12.
MASSEURS—J. J. Miller, 358 Sutter.
MATTRESS FACTORY—Wilson & Jansen (273 12th) to new factory, 12th St., s. of Howard, Oct. 15.
METAL—Rex Metal Works (S. Gruenebaum), 770 Folsom.
Sugarman Iron & Metal Co., moving from 617 Brannan to 16th and Missouri.
OSTEOPATHS—W. W. and Rose Vanderburgh, 870 Market to 166 Geary.
PAINTING—E. Martinez (auto), 1268 Valencia
PUBLICATIONS—Butterick Publishing Co. (W. A. Connolly), 609 Mission to new building N.E. Fremont and Mission, Oct. 1.
PUMPS—Goulds Mfg. Co., 33 Fremont.
RESTAURANTS—Changing ownership, 897 Columbus Ave.
Boston Lunch, 115 Sixth.
New California, 404 Third.
SEEDS—C. M. Volkman & Co., 825 to 865 Sansome.
SPRINGS — J. Eller (factory), 531 Jessie
STOCKS AND BONDS—G. A. Flint, 485 California.
TAILORS —A. Hoffman, to 251 Post.
MISCELLANEOUS — Mrs. E. B. Bancroft, 270 Post.
Blue Bear Sales Agency, 760 Market.
California Salvage Co., 435 Golden Gate Ave.
H. Gillis, Chronicle Bldg.
Davey Tree Expert Co., 682 Market.
W. L. Dreyfus, 2156 Third to 885 Harrison.
B. M. Goldstein & Son, 833 Market.
M. Grotyohn, 235 Montgomery.
H. F. Jackson, Mer. Natl. Bank Bldg.
Jas. L. Lawrence, 704 Market.
Registration Surety Co., 235 Montgomery.

CIGARS—New stand opening 503 Jones.
CLOAKS & SUITS — Bonwit Cloak & Suit Co. (ask Moss Bros., 130 Sutter) 752 Market, Sept. 15.
DAIRY—Millbrae Dairy's City Agency plant ready soon 855 McAllister.
FIXTURE — W. D. Allison & Co. (physicians) 679 Sutter.
HOSIERY—Moss Glove & Hosiery Co., 752 to 756 Market.
INSURANCE MAPS—Sanborn Map Co. (Mr. White) 216 Pine to 630 California about Sept. 15.
MACHINES—Automatic Coin Lock Machine Co., 340 Sansome to Folsom, between 8th and 9th soon.
MFRS. AGENTS—Chas. Mills, 309 Sheldon Bldg. to 1151 Market.
OVERALLS — A. E. Cohn (formerly Herman Cohn) 514 Washington.
PLUMBING SUPPLIES—E. J. Beasley, 425 Bryant soon.
RESTAURANTS — Aguila Restaurant, 550 Haight.
SYRUP — All-in-One Syrup Co., 2853 Mission to 3326 24th.
WASH GOODS — Normandin Bros. bought B. F. Snyder Co., 330 Mission.
ATTORNEY—C. J. Goodell, 1101 Balfour Bldg. to 1068 Mills Bldg.
COMMISSION—Maldonado & Co., reorganizing and to room 166-268 Market.
LUMBER—W. J. Mulligan & Co., Balfour Bldg. to room 302-52 California.
MISCELLANEOUS—E. W. Pease Co 114 Bush to 38 Sansome.
Junk — C. E. Phillips, 907 Bryant to their new bldg., 775 Brannan in November.
SOAP—Proctor & Gamble, 112 Pine to 38 Sansome.

ACCOUNTANTS—R. L. Davis & Company, 1169 Market Street
ADVERTISING — J. B. Delaney, 785 Market Street.
ART METAL—Old Copper Shop, 1391 Sutter Street.
AUTOMOTIVE—Duesenberg Auto Co., 1930 Van Ness Ave., (Lloyd S Johnson).
Golden Gate Radiator Works (Robt. Luscher), 439 Golden Gate Ave.
Lombard Street Garage, 2340 Lombard.
Allen M. Mills (dealer), 699 Valencia to 3074 16th St.
Yale Electric Industrial Truck Agency, 116 New Montgomery St.
BEVERAGES — Ko-Fan, Inc., Hearst Bldg, to Merch. Nat. Bank Bldg.
BOTTLING SUPPLIES — Lindeman-Widman Bottle & Supply Co., (with Louis Widman, junk dealers), 847 Harrison Street.
CANDY—Agnes & Son, 1551 Sonchez St.
Albert Sheetz Mission Candy Co., (63 Powell) will open new store in Wilson Bldg.
COFFEE—Hills Bros. (175 Fremont) preparing plans for new building W. Beale St., between Folsom and Howard.
DELIVERIES—Direct Delivery Company, 50 Shannon St.
DRUGS—Swan Drug Co., (Mr. Roy A. Stauffer, 900 Divisadero) will open store 5195-5199 Geary about Oct. 1st.
ELECTRICAL — Stone-Ryals Electric Co., 892 Mission to 445 Natoma St (Previously reported as Motor Maintenance Co.)
EMPLOYMENT—Kurtz-Foster Placement Bureau—(Edith R. Kurtz, Georgia M. Foster) with Kurtz School of Salesmanship, 358 Sutter.
FLOORING—Bird & Son (linoleum) Santa Marina Bldg.
FLORISTS—Theo. Yakas, 1104 to 1658 Post Street.

GLASS—Tyre Bros. Glass Co., 668 Townsend to 539 Mission in about 60 days.

GROCERS—Albert Von Morpurgo (was Von Iss ndorf Bros.) 1293 Page St.
HARDWARE—Harry W. Larson, 4419 to 4614 Mission Street.

HOUSEHOLD SUPLIES—I. Smith, 359 to 347 Hayes Street.
IMPORTERS—Occidental & Oriental Trading Co., 681 Market to 555 Bush Street.
Saul-Smith Company, Santa Marina Building.
LADIES APPAREL—Levy Bros., Commercial Bldg. to Wiley B. Allen Bldg.
LAMP SHADES—Artistic Lamp Shade Co., 2857 16th Street.
LUGGAGE—David Silversteln, prop., Broadway Luggage Shop, 454 S. Broadway, Los Angeles, opened store 45 Powell Street.
MACHINERY—Tokheim Oil Tank & Pump Co., (Sharon Bldg.) moving warehouse and salesroom from Oakland to 524 2nd.
MAIL ORDER—San Francisco Hail Order Exchange, 2707 Folsom St.
MANUFACTURERS AGENTS — Sands Mfg. Co. (of Cleveland), 30 Beale St.
C. A. Morris, Wiley B Allen Bldg.
MARKETS—Fairmount, 1706 Church Street.
NAME TAPE—National woven Label Co., Charleston Bldg.
OIL—American Petroleum Corp. will move from Santa Fe Bldg. to Royal Ins. Bldg. soon.
OPTOMETRIST—Edw. Kaufman, 888 Market Street.
PHYSICIANS—Dr. W. S. Kiskadden, 504 Valencia Street.
REAL ESTATE—W. W. Akers, Insurance Building.
Czeslaw De Nevers, 109 Montgomery Street.
P. & M. Realty Co., (was Melbourne & Cuodagno) 5849 Geary Street.
A. J. Phillips, 614 Irving Street.
SEWING MACHINES—Singer Sewing Machine Co., (agency) 1510 Haight Street.
STATIONERS—Rabjon & Morcom to open a stationery department, Mrs. Hull, Mgr., 230 Post Street.
STENOGRAPHERS — Miss Enright, Calif Pacific Building.
STOVES—Buck's Stove & Range Co. (Furniture Exchange) warehouse, 310 Brannan Street.
TAILORS—John Aslan, 948 Market to Golden Gate Building.
T. Tomasso, 5 Kearny to 243 Kearny Street—soon.
MISCELLANEOUS—E. J. Berg, 3254 22nd Street.
Commercial Spraying Company, 2857 16th Street.
Granfield Company, 112 Landers.
Andrien S. Levy, 26 Montgomery St.
Dr. A. L. Teeter, 870 Market Street
E. T. Tyra, 1067 Mission Street.
C. W. Wyman, 966 Post Street.
ADVERTISING — Comet Adv. Co., 704 Market.

ATTORNEYS — Richard Fitzpatrick, Bank of Italy Bldg.
H. S. Whitthorne, 351 California St.
AUTOMATIVE—Dort Motor Co. Agency 1101 to 1125 Van Ness Ave.
A. L. Rush, buying garage from P. J. Britton, 2030 Sutter, Sept. 15th.
Guarantee Battery Co. (Fred Brand & Geo. Cushman) 985 Post.
Eleventh St. Garage, 55 11th.
Matthew A. Bragg, Service Station, formerly Haskel Fishgold's business Geary and 42nd Ave.
BAKERIES—Pacific Pie Co., 123 Ettillman St.
BEAUTY PARLOR—Lulu Gray buying interest from Lillian Donohue, 283 O'Farrell.
BILLIARDS — L. Mortinelli bought from I. G. Mandoli, 1701 Powell.
CANDY — Richard G. Barnett bought 2735 20th.
Muriel Shapman buying 1007 Guerrero, Sept. 15th.
Geo. A. Staxron will buy Pacific Ice Cream & Candy Parlor from Thos. E. Despu, 1015 Point Lobos Ave., September 21.
Cornwell's, 531 Divisadero.
Mrs. W. Drake bought C. L. Wilber, 1347 Church.
CHIROPRACTORS—Miss H. R. Hurley, 1036 Polk.
CIGARS—Willard Bros., 629 Montgomery St.
CLEANING & DYEING—Elite Cleaners, 4085 18th.
COLLECTIONS—Raner Collection Co. and J. S. Meyer (Atty) Robins Bldg. to Marston Bldg.
CONDENSARY—Braelef Goat Milk Co. plan milk condensary at Santa Rosa.
DECORATORS—Atlas Flag & Decoration Co., 1199 Valencia.
DELICATESSEN—G. Kothe to buy Rex Delicatessen 331 Clement, Sept. 18.
DRAYAGE—Civic Center Piano Movers 727 Gough St.
DRESSES—E. A. Jacob, Wiley B. Allen Bldg.
ELECTRICAL—Arrow Electric Co., 579 to 617 Howard.
EMPLOYMENT—G. S. Bragia to buy International Employment Agency, 726 Howard, Sept. 19.
FEED—A. W. Scott & Co., 112 Pine to new Matson Bldg.
FRATERNITY HOUSE — Delta Sigma Delta (2 Belmont) erecting fraternity house N. Parnassus W. Willard.
FRUIT—A. Longo & Co., 464 Battery.
GROCERS—Patrick F. Barry bought Jerome Leonard, 359 Presidio Ave.
Louis Johnson and Dwight McGunnigle bought Mary O'Connor business 597 Jersey.
J. Lee, 1099 Powell.
Sunshine Stores Co. changing hands Sept. 19, 6 Valencia and 3625 Sacramento.
G. Ponti bought Ginseppe Micale, 1198 Pacific.
HOTELS—C. F. Lanman buying St. Nicholas Hotel, 325 O'Farrell.
E. Alvarez buying Eureka Hotel, 474 Broadway, Sept. 19.
John Tyler sold Avon Hotel to Lucille Checketts, 1202 Webster.
Peter Prada bought Hotel Grutley from Rita Menzio, 575 Columbus Ave.

JEWELRY—J. F. Downey, 821 Market.
LUMBER — MacArthur Lumber Company (wholesale) 1201 Harrison.
R. E. Jack and C. G. Thompson opening yards 29th and Glasscock Sts., Oakland.

MFRS. AGENTS—R. O. Kramer and Geo. T. Gerhardt (Sand Mfg. Co. of Cleveland) 30 Beale Stret.
MARKETS—Guy F. Morley bought Cole St. Fruit Market, 925 Sole.
MUSIC—Exhibitor's Music Roll Co., 109 Golden Gate Ave.
PATENTS AND TRADEMARKS—Mida Trade Mark Bureau, Commercial Blk.
PHYSICIANS—Dr. C. B. Langhlin, 2531 Washington.
RADIO—Howard T. Ailor (equipment) 843 Divisadero.
RATE EXPERTS—H. A. Loveland, 870 Market to Hewes Bldg.
REAL ESTATE—A. R. Perasso & Co., 626 Montgomery to 315 Columbus.
Chow Lee, 645 Larkin.
SHOES — Vincenzo Guagliano bought Armando Rossi shop 1801 Mason.
MISCELLANEOUS—American Locomotive Co., 85 2nd to 116 New Montgomery Street.
Blodgett Ordway & Weber, 85 2nd.
M. L. Bugbee, Kittle Bldg.
Geo. H. Corse, Jr., 623 7th.
Equity Finance Co., Howes Bldg.
C. V. King, 225 Montgomery.
Sphinx Products Corp. (D. L. and C. F. Pratt) to 510 Van Ness Ave.
Just leased S. Sutter W. Tayler.
Following are some recent incorporations, on which we have received inquiries from members. The names and address of attorneys of the new companies is shown, but detail information will be furnished in later listings.
California Cane Co. ($50,000), A. H. Barendt, atty., Mills Bldg.
Watson & Taylor, ($50,000), J. E. Barry, atty., 354 Pine.
Apperson Pacific Motor Car Company $100,000.)
Harry R. Davis, Atty., 582 Market.
Continental Chemical Co. ($150,000), Albert J. Dibblee, atty., Mills Bldg.
Spring Valley Lmbr. Yard ($150,000) Walter E. Drobisch, atty., 347 Mills Building.
Sierra-Pacific Canning Co., formerly Pacific Canning Co. ($100,000) John C. Altman, atty., 582 Market.
Pacific Coke & Coal Co., ($7,500,000) to erect steel plant, Gregory & Goodell, 351 California.
Campagno & Battaglleri Co. ($25,000) produce, etc., Mrs. Flora Hall, notary, Mills Bldg.
Motor Finance Corp., Hoefler, Cook & Snyder, Attys., 593 Market.
Standard Laundry Co ($250,000) Harrison Parker & Co., rep., 325 Bush.
American Property Co., Jos. C. Sharp, atty., 1128 Merch. Exchange Bldg.
Capital Finance Co., Herman Weinberger, atty., 465 California.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Official Proposals

NOTICE TO CONTRACTORS

(Woodland High School District)

Notice is hereby given that sealed bids will be received and opened at **7:30 P. M., on the 26th day of September, 1923,** by the Board of Trustees of the Woodland High School District, Woodland, Yolo County, California, in the High School Building, for the erection and completion of a concrete Manual Arts and Agriculture Building to be erected on the high school property on College street in the City of Woodland, Yolo County, State of California, in accordance with plans and specifications prepared by N. H. Weeks, the authorized architect employed by the Board.

Plans and specifications may be seen at the office of W. H. Weeks, architect, 369 Pine street, San Francisco, California, during office hours, from 9 A. M. to 5 P. M., every week day. A deposit of $15 to be made on all plans given out.

All bids to be submitted upon bids forms furnished by the architect and each bid must be accompanied by a certified check in the amount of 5% of the amount bid, upon some responsible California Bank, made payable to Wm. M. Hyman, Clerk of the Board of Trustees of the Woodland High School, which is to be forfeited to and retained by the district should the bidder be awarded the contract and fail to sign same and provide proper bonds within a period of ten (10) days after award is made.

The Board reserves the right to reject any and all bids.

NOTICE TO CONTRACTORS

(Red Bluff, Sewer Extensions)

Notice is hereby given that the Board of Trustees of the City of Red Bluff, Tehama County, State of California, will up to **7:45 p. m., of the 24th day of September, 1923,** receive sealed proposals for the construction of additions to and extensions of the sewer system of said City of Red Bluff, consisting of 4, 6, 8, 10, 14 and 24-inch sewers, with pumping plant, etc., all complete in accordance with the plans and specifications now on file in the office of the City Clerk of said City, to which special reference is hereby made.

All bids to be submitted on forms furnished by said Clerk, and must specify separately the amounts bid on each unit as segregated on said forms, or for the work as a whole; each bid to be accompanied by a certified check, payable to the said City of Red Bluff, to the amount of ten (10%) per cent. of the total amount bid.

The Board of Trustees of said City of Red Bluff reserves the right to reject any or all bids submitted.

Red Bluff, California, September 5, 1923.

E. F. LENNON,
Clerk of Said City of Red Bluff.

CALL FOR BIDS

(Napa Union High School District)

Sealed proposals for furnishing the Napa Union High School with the following cafeteria equipment will be received by the trustees to be opened and considered at **8 o'clock** at the regular meeting of the board on the evening of **Monday, September 24, 1923.** All bids submitted must be itemized.

The trustees reserve the right to accept any part of the list as submitted or to reject any and all bids.

Bids will be received on the following articles:

Soiled and clean Dish Tables, with Tray Sink as per plan.
One Pot Rack.
Cook's Work Table.
Chef Butcher Block.
Steam Table,
Water Cooler.
Double 3 Glass Display.
Wall Cupboard.

Further information and plans and specifications of the equipment 345'6 had upon application at the office of Principal O. R. Hull.

HOWARD ROPER,
Clerk of the Board.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

TO CALL BIDS SHORTLY FOR STOREHOUSE

NOTICE TO CONTRACTORS

The Bureau invites your attention to the fact that it will open proposals, in the near future, on Specification No. 1859, for storehouse, Naval Operating Base, Pearl Harbor, T. H. The work consists of a one-story storehouse approximately 120 feet by 480 feet, having steel frame; concrete footings, curtain wall, floor and loading platforms; corrugated protected sheet metal siding; built-up asbestos roofing on wood sheathing; steel sash, steel swinging doors; rolling steel doors; roof and floor drainage; electric lighting and fire protection systems.

In the event that this work is of interest to your firm, you should forward immediately to the Bureau, to the Commandant, Navy Yard, Mare Island, Calif., or to the Commandant, Naval Operating Base, Pearl Harbor, T. H., a check or postal money order for $10 payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specification, which will be forwarded as soon as possible.

NOTICE TO CONTRACTORS

(Kern County Union High School District)

Notice is hereby given that the Board of Trustees, Kern County Union High School District, Bakersfield, Calif., will receive sealed bids at the office of the Board, up to **8 p. m. of October 15th, 1923,** for furnishing all materials and labor for and the erection and completion of a Class A Shops Building and a Greenhouse Building, to be erected on the grounds of said High School District, Bakersfield, Calif., in accordance with plans and specifications for said buildings on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had at the office of the Architect, Charles H. Biggar, 405 Bank of Italy Bldg., Bakersfield, Calif., and the work will be done under his supervision. Deposit of $15.00 required for plans, same to be returned to depositor on receipt of plans in good condition, previous to opening of bids. Each bid must be accompanied by a certified check or Bidders Bond in the amount of at least ten per cent of the amount bid. Such check to be made payable to the Clerk of the Board of Trustees, Kern County Union High School District, and will be forfeited to said Board should successful bidder fail to enter into contract for said work within a reasonable time and in addition thereto furnish good and sufficient bonds therefor. Surety Bonds in the amount of 75 per cent of the contract price required. Bids will be received for the work as a whole or segregated as follows:

1. General Contract, including everything except items listed below.
   A. Plumbing and Heating.
   B. Electric Work.
   C. Finish Hardware.

Shops Building bids to be entirely separate from those for Greenhouse Building.

The Board of Trustees reserves the right to reject any or all bids or to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School District, Bakersfield, Calif., made September 4th, 1923.

W. J. WALTERS,
President.
BOYCE R. FITZGERALD,
Clerk.

NOTICE TO PUMP DEALERS

(Durham Union High School District)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Durham Union High School up to the hour of **3 o'clock p. m., on September 26th, 1923,** at the office of the Secretary of the said Board of Trustees in the High School at Durham, California, for the furnishing and installing of a pump and pressure tank with all necessary fixtures ready for service with a guaranteed capacity of at least 3000 gallons per hour; bids to include a motor installed for operation of said plant. All bids will be accompanied by a certified check in the amount of 5 per cent of the total bid in question as a faithful guarantee of the faithful execution of the contract involved. The Board of Trustees reserves the right to reject any or all bids.

(Signed) GEO. W. BLOUNT,
Secretary of the Board of Trustees of the Durham Union High School.

NOTICE TO CONTRACTORS

(Palo Alto Union High School Dist.)

New Group

The High School Board of the Palo Alto Union High School District, Santa Clara County, California, will receive sealed proposals **up until 7:30 o'clock p. m., September 24 1923,** at the present Union High School Building, Embarcadero Road and State Highway, Palo Alto, California, at which time and place said bids will be opened and read in public for furnishing the required labor and materials for and erecting and completing the proposed additional new buildings for the Palo Alto Union High School, in accordance with plans and specifications therefor by Birge M. Clark, 600 Embarcadero Road, Palo Alto, California, Architect

Bids will be received separately for the different parts of the work as follows:

For excavating, Concrete Work and Carpenter Work, Contract No. 1, with alternate bids (see specifications).

For Plumbing, Contract No. 2, with

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

alternate bids (see specifications).

For Heating and Ventilating, Contract No. 3, with alternate bids (see specifications).

For steel Lockers, Contract No. 4 (see specifications).

For Sheet Metal Work, Contract No. 5, with alternate bids (see specifications).

For Tile Roof, Contract No. 6 (see specifications).

For Composition Roof, Contract No. 7, with alternate bid (see specifications).

For Plastering, Contract No. 8, with alternate bids (see specifications).

For Blackboards, Contract No. 9 (see specifications).

For Painting, Contract No. 10, (see specifications).

For Electrical Work, Contract No. 11, with alternate bids (see specifications).

For Rough and Finishing Hardware, Contract No. 12, with alternate bid (see specifications).

Cashier's or certified check for bidder's bid for amount not less than five per cent of amount of bid shall accompany each proposal, drawn payable to the order of Walter H. Nichols, Clerk of the Palo Alto Union High School District, as a guarantee that the bidder will, if requested within five days after receiving notice of the acceptance of bid, enter into a contract with said High School Board in accordance therewith and furnish the required bonds.

Said check or bond to be forfeited to the High School Board should the bidder fail to execute contract and bonds as above mentioned.

All bids to be made out on forms furnished by the Architect.

Plans and specifications for all of the above work may be seen at the office of Birge M. Clark, Architect, 600 Embarcadero Road, Palo Alto, California.

Plans may be obtained from the office of Birge M. Clark, Architect, 600 Embarcadero Road, upon the deposit of $20.00, which deposit will be refunded to the bidder when plans and specifications are returned in good condition.

The said High School Board reserves the right to reject any and all bids and waive any informality in any bid received.

By order of the High School Board of the Palo Alto Union High School District.

By WALTER H. NICHOLS,
Clerk.

Dated September 1, 1923.

NOTICE TO CONTRACTORS

(Reclamation District No. 1660)

Sealed bids will be received by the Trustees of Reclamation District No. 1660, at the office of said District, Room 301, California Fruit Building, Sacramento, Cal., **up to 10 A. M., Sept. 18th, 1923,** for the furnishing of all labor and material required in the construction of

First: Two reinforced concrete conduits with gates and gate controls, through the By-Pass Levees, and at points east of Tisdale Weir, Sutter County, Cal.

Second: The emplacement of approximately 350,000 cubic yards of earth in levee by clam shell and suction dredgers on the left bank of the Sacramento River and between Tisdale Weir and Winship Landing:

Third: The clearing of a right of way for this levee construction.

All of said work to be done in accordance with plans and specifications on file at the office of J. S. Boyd, Engineer for said District, at 803 Forum Building, Sacramento, California.

NOTICE TO CONTRACTORS

(Union Sanitary District)

Sealed bids will be received by the secretary of Union Sanitary District at the office of said district in the court room of the Justice's Court of Washington Township, Main Street, Centerville, Alameda County, California, **until Wednesday, September 19th, 1923, at 8 o'clock P. M.** (the time when said bids will be opened and the contract awarded), for the construction of a system of sewers for said district.

Plans and specifications for said work are on file in the office of said secretary.

Copies of said plans and specifications may be obtained by applying to the County Surveyor, Court House, Oakland, California.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, certified to by some responsible bank, and made payable to Joseph C. Mowry, secretary of the Sanitary Board, to be forfeited to the Union Sanitary District as agreed and liquidated damages should the party or parties to whom the contract or to give the bond required by the Sanitary Board for the faithful performance of the contract within ten days after the award.

JOSEPH C. MOWRY,
Secretary of Sanitary Board of Union Sanitary District

NOTICE TO BIDDERS

(City of Eureka—Railway Materials)

Sealed proposals or bids are hereby invited by the City of Eureka for furnishing rails to the City of Eureka for use by the Street Railway of the City of Eureka, f. o. b. Eureka, Calif., as follows:

ITEM 1. 490 tons of A. S. C. E. Standard 70 pound Open Hearth Steel Rails, with splice bars to match.

ITEM 2. 295 tons of A. S. C. E. Standard 70 pound Open Hearth Steel Rails, with splice bars to match.

ITEM 3. 295 tons of 70 pounds Open Hearth High Tee Steel Rails, with splice bars to match.

Said rails must comply with the plans and specifications therefor, now on file in the Office of the Superintendent of Public Works of the City of Eureka. Copies of said plans and specifications may be obtained by prospective bidders on application to the Superintendent of Public Works of the City of Eureka at No. 524 'D" St., Eureka, California.

Bids will be received separately for each of the three items above mentioned and bidders are requested to submit separate bids for each of the above items on which they desire to bid.

The said bids will be received at the Office of the Superintendent of Public Works of the City of Eureka at No. 524 "D" Street, Eureka, California, **up to the hour of 8 o'clock P. M. of Tuesday, the 25th day of September, 1923.**

Bids will be opened by the Council of the City of Eureka at 8 o'clock P. M. on the 25th day of September, 1923. Delivery to be made within four months from signing contract.

All bids must be accompanied by a certified check or by an acceptable bond in an amount equal to at least ten (10%) per cent of the amount of the bid and the successful bidder will be required to execut an acceptable bond or deposit a certified check for ten (10%) per cent of the amount of his bid as security for the performance of the contract.

The right is reserved to reject any or all bids on any or all of the items hereinabove set forth.

Dated, September 5, 1923.

JOHN GRIFFITH,
Superintendent of Public Works of the City of Eureka.

BIDS WANTED FOR LIGHT FIXTURES, KITCHEN EQUIPMENT, REFRIGERATING PLANT, ETC.

(Sacramento County)

NOTICE TO CONTRACTORS

Office of the Clerk of the Board of Supervisors of the County of Sacramento, State of California.

Pursuant to an order of the Board of Supervisors of the County of Sacramento, made and entered on record on the 27th day of August, A. D., 1923.

Notice is hereby given that sealed bids will be received by the undersigned up to and not later than the hour of **10:00 A. M., of the 24th day of September, A. D. 1923,** at the office of said Board in the Court House Building, 7th and I Streets, Sacramento City, for the furnishing of all labor, materials and mechanical workmanship required to furnish and install the lighting fixtures of the Service and Children's Ward and the Infectious Ward buildings and the kitchen equipment and the refrigerating plant, cold storage rooms and ice water system in the Service and Children's Ward building, situated on the present County Hospital Grounds, City of Sacramento, County of Sacramento, State of California, in accordance with the plans and specifications prepared therefor by R. A. Herold, Architect, which plans and specifications may be seen and examined, during office hours, by intending bidders, at the architect's office, 430-37 Forum Building, Sacramento California. forms furnished by the Clerk of the Board, and must be accompanied with a certified check on some solvent bank in a sum equal to ten per cent (10%) of the amount of each bid, conditioned that if the contract is awarded the party submitting the accepted bid will enter into contract and furnish such bond as may be required within ten days after making award, or, failing so to do, the amount of such check to be forfeited as liquidated damages for such failure. All checks to be made payable to the order of the Chairman of the Board of Supervisors of Sacramento County.

The Board reserves the right to reject any or all bids.

By order of the Board of Supervisors of Sacramento County, California.

(Seal) Attest: H. K. JOHNSON,
Chairman Board of Supervisors.
HARRY W. HALL,
County Clerk and ex-officia Clerk of the Board of Supervisors of Sacramento County, California.

Dated August 27th, 1923.

The Douglas Fir Exploitation & Export Co. has announced that it would donate $50,000 to the relief of Japanese earthquake sufferers. In addition the company expects to expend a similar amount in sending experts to Japan to advise Japanese builders in the use of commercially standard American products. It is said that grades and sizes used in Japan are not immediately available in America. Officers of the company said: "The lumber industry is fully determined that, if it is possible to prevent it, there will be no skyrocketing of prices."

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

Government Booklet Seeks To Promote Home Ownership. How It's Done

A guide book designed for the prospective small home owner has been issued by the United States Government, the Department of Commerce announcing the publication of a handbook setting forth details which assert the steps necessary to acquiring such property.

This aid to home builders is a publication entitled, "How to Own Your Home." It carries a foreword by Herbert Hoover, Secretary of Commerce, and was compiled by John M. Gries and James S Taylor, of the Division of Building and Housing, in answer to the request of a large number of national civic organizations that the subject should be authoritatively covered to encourage home owning in the interest of good citizenship. The booklet, planned to give simple, common-sense information to the person of moderate means who would possess a home, is the result of collaboration and approval by more than fifty civic bodies and experts interested in developing a sound social and economic system through the home.

In declaring that the public recognizes the advantages of owning their own homes and the business groups, especially, are viewing this proposition in a new light, Secretary Hoover said in the foreword:

"They see that taking a neighborly interest in developing sound financing and other machinery for the use of home seekers and insisting on the observance of honest, straight-forward business methods by those who deal with home seekers is not paternalism but good business and good citizenship. It is the 'square deal'—and it is not only right but essential that the cards should not be stacked against the home seeker."

"Maintaining a high percentage of individual home owners is one of the searching tests that now challenge the people of the United States," Secretary Hoover asserted in urging 'the own-your-home" idea. "The present large proportion of families that own their homes is both the foundation of a sound economic and social system and a guarantee that our society will continue to develop rationally as changing conditions demand."

"Buying or building a home requires the use of sound judgment in seeing that the personal needs of the family are best met with the funds available. "Mr. Hoover pointed out in the foreword. "It involves not only the carrying on of transactions of financing and buying or building but it involves the proper determination of location with respect to school, to work, and to neighborhood."

Secretary Hoover stated that the development of the automobile has given "a great impulse to suburban life and an increasing possibility of home ownership."

"A family that owns its own home takes pride in it, maintains it better, gets more pleasure out of it, and has a more wholesome, healthful, and happier atmosphere in which to bring up children. The home owner has a constructive aim in life. He works harder outside his home, he spends his leisure hours more profitably, and he and his family live a finer life and enjoy more of the comforts and cultivating influences of our modern civilization. A husand and wife who own their own home are more apt to save. They have an interest in the advancement of a social system that permits the individual to store up the fruits of his labor. As direct taxpayers they take a more active part in local government. Above all, the love of home is one of the finest instincts and the greatest of inspirations of our people"

Statistics published in the book show the percentage of home owners in the United States, and the revelation made by them also prompted the Department of Commerce to publish such information for public use. In 1900, 461 of every 1,000 families in America owned their own homes, while in 1920 the percentage had dropped to 456 in each 1,000. Of the 48 States only 20 showed an increase, while the District of Columbia likewise gained.

The ten leading States in respect to home ownership in 1920 were, in order, North Dakota, Wisconsin, South Dakota, Idaho, Minnesota, Montana, Utah, Maine, New Mexico, and Michigan.

One of the outstanding problems confronting the home seeker, the handbook points out, is that of financing the acquisition of property.

"The prospective home owner who uses his common sense in considering the real needs of his family and his ability to pay, and who checks his own judgment by consulting experienced persons, may go ahead with full confidence," it states. "He need not be frightened by the mistakes of heedless persons who have been carried away by some novel feature and coaxed into a bad bargain, or who have tried to buy beyond their means. While some risks are involved, as is usually the case in obtaining anything worth while, the danger of failure is relatively small when weighed against the advantages of an owned home."

What ratio of income may be safely devoted to the precess of acquiring a home is explained in this vein: "If a certain family pays one-sixth of its income for rent, it may be able to devote one-fourth or more to buying and maintaining a house, for the amoun thus used may include both rent and savings Rent, or payments on a home, may require anywhere from one-eighth to one-third of the family income, depending on the special circumstance in each case."

Tables dealing with the ratio of income to home investment are given. The tables do not attempt to set up arbitrary standards, although they are stated to be fairly typical and may be used s a bsis from which to start figuring.

Under the heading of "The Range of Safe Expenditure," the handbook does not approve of any effort to buy a home beyond a definite ratio to family resources and income, and carefully elaborates these ratios of expenditure in accordance with income.

Particular stress is placed by the handbook on the agreements which should be definitely entered into with regard to financing, building, and purchasing. The points which should be clearly defined are emphasized.

While conceding that the great majority of individuals and companies with which the home seekers deal are honest and wish to do business honorably, the handbook insists that "no good business man should object to having his obligations, as he understands them, set down in writing and in accordance with legal procedure."

As for the financing of home building, the handbook gives sound information

"Borrowing money to buy a home is no disgrace," it declares. "On the contrary, it is normal and in many ways desirable. Many families in meeting payments on a loan have learned the habit of saving, and have continued it as a step towrd financial independence."

It is desirable, the book points out, for a family about to buy a home to possess a minimum of 20 per cent of the value of the house in cash, even though arrangements are often made for a purchase with a lesser amount. The advantage of a larger cash payment is found in the fact that it helps to insure a loan at a low rate of interest and one that can be paid off comfortably.

In the selection of a home site, requirements are carefully discussed from the standpoint of family life, neighborhood, education, transportation to work and to shopping centers, low or high land values, protection offered to home by private restrictions, zoning, ordinances and city planning, and by fire departments and police. Character of the neighborhood, location with reference to schools and playgrounds for children, and general improvements of the lot, including planting and drainage, are points that are explained as important factors.

The problem of buying the property for the site too long before building in view of the conditions of public utility improvements, such as paving, sewerage, water supply, gas and electricity, possible amusements, the proportion of lot value to the total outlay and without making a proper search of the title, are also given attention in the handbook.

In conclusion, the handbook comments:

'It is hoped that prospective home owners may find whether they are on the right track by checking their plans with these suggestions and that the home so acquired will cause them no regrets.

'If they insist on good honest standards in the houses they build or buy they not only benefit their families and themselves but perform a broader service. They help raise the quality of homes in the United States and provide a sound basis for wider home ownership."

"How to Own Your Home," may be obtained for 5 cents from the Superintendent of Documents, Government Printing Office, Washington, D. C.

FRESNO COUNTY PUBLIC BUILDINGS FINANCED BY BOND ISSUE

The Fresno county supervisors are planning the selection of an architect to make preliminary plans for a million dollar building program which will include a $250,000 county courthouse; $150,000 county hospital; $150,000 county jail; $100,000 detention home; $100,000 county farm buildings and $250,000 for county library buildings. The county board favors the bond issue method to finance the work rather than the direct tax system.

Engineering News Section

BRIDGES

SALINAS, Monterey Co., Cal. — The Standard Industrial Engineering Corp., of San Francisco, has been notified by the Monterey County Supervisors to proceed with its contract for the Hilltown bridge or the county will call upon the bondsmen to complete the project. The contract was awarded to the company about September of last year on a bid of approximately $119,000. The Standard Company, according to County Surveyor Howard Cozzens, has not worked on the project since Aug. 30. Due to slow progress on the work "a lot of it will have to be done over," according to District Attorney Warth.

SANTA CLARA COUNTY—Following bids rec. by State Highway Com., Sept. 11 to const. bridge over Cedar Creek, east of Gilroy; composed of three 42-ft. 4-in. rein. conc. girder spans with concrete piers, abutments and wing walls; also across North Fork of Pacheco Creek, about 21 miles east of Gilroy, a bridge composed of three 50-ft. and four 25-ft. rein. conc. girder spans on conc. bents.

de Waard and Cobham, San Diego	$57,698.50
J. F. Shepherd, Stockton	69,878.60
Howard S. Williams, S. F.	84,079.30
Engineer's Estimate	$56,568.20

ARROYO GRANDE, San Luis Obispo Co., Cal.—Lisher and Corillo, Napa, at $21,840 submits low bid to city trustees to const. 110 ft. span rein. conc. arch bridge in Mason St., Burch and Beck, engineers, San Luis Obispo. Other bids: DeWaard and Cobham, San Diego, $28,975; J. F. Shepardson, 309 Brower Bldg., Bakersfield; W. M. Lane, Paso Robles, $23,930. Taken under advisement until Sept. 13.

MERCED, Merced Co., Cal. — E. K. Angle, Merced, at $2900 awarded cont. by county supervisors to const. bridge No. 93 on Merced-Chowchilla highway, 3 mi. south of Merced. Other bids: Merced Concrete Pipe Company, $3450; C. E. Graham, $3480; Carlson Brothers, $3240; Jos. R. Johnson, $2900.

E. K. Angle awarded cont. at $1700 to const. bridge No. 95 on Merced-Chowchilla highway, about 15-mi. south of Merced. Other bids: Merced Concrete Pipe Co., $2250; C. E. Graham, $2390; Carlson Brothers, $1925; Jos. R. Johnson, $2128.

Carlson Bros., Merced, at $4800 awarded cont. to const. bridge No. 116 near Amsterdam. Other bids: Merced Concrete Pipe Co., $5675; E. K. Angle, $5900; Jos. R. Johnson, $7165.

MADERA, Madera Co., Cal.—County Surveyor J. O. Rue instructed to prepare spec. for three bridges in Fifth Rd. District, one on Hildreth Rd.; one on North Fork road over Little Fine Gold Creek and one on Bass Lake Road.

YREKA, Siskiyou Co., Cal. — Union Bridge Co., Portland, Ore., at $3084 awarded cont. by supervisors to const. curve chord riveted Warren steel 60 foot steel span bridge on concr foundation over East Fork of Scott River, town of Callahan, Etna Road Dist. Other bids: C. L. Noel, Yreka, $3250; G. H. Wilson, Dunsmuir, $3243.

YREKA, Siskiyou Co., Cal.—Union Bridge Co., Portland, Ore., at $3384, awarded cont. by county supervisors to const. curve chord riveted Warren 60 ft. steel span bridge on steel pile and concrete foundation, over Scott River in Patton Lane, Scott River Rd. District. Other bids were: C. L. Noel, Yreka, $3,900; G. H. Wilson, Dunsmuir, $3888.

SAN LUIS OBISPO, Cal.—Wm. Lane, Paso Robles, at $4023 submits low bid to city council to const. Chorro street bridge. Other bids: Lisher and Corillo, Napa, $5053; W. H. Porter, San Luis Obispo, $4849. Eng. est., $5315.

MERCED, Merced Co., Cal.—County supervisors reject bids to const. bridge over Owen's Creek in South Orchard Dr., in Rd. Dist. No. 2 and work ordered done by day labor under supervision of county surveyor.

LAKEPORT, Lake Co., Cal.—Bordwell & Zimmerman, Napa, at $4,974 awarded cont. by county supervisors to construct bridge over Adobe creek.

VISALIA, Tulare Co., Cal.—Until Oct. 1, 2 P. M., bids will be rec. by Geo. R. Prestidge, County Clerk, to const. rein. conc. bridge (No. 68) over Cottonwood Creek, involv. 74.12 cu. yds. "A" conc. and 64.40 cu. yds. "M" conc. Materials will be furnished by county f. o. b. East Orosi. Cert. check 5% req. Plans obtainable from county surv. Laurence A. Moye.

MERCED, Merced Co., Cal. — Until Sept. 24, 10 a. m., bids will be rec. by P. J. Thornton, county clerk, to const. 3 rein. conc. bridges, as follows:

Bridges Nos. 113 and 113, over double canal on Pacheco Cross lateral of Calif. state highway, 1-mi. west of Los Banos.

Bridge No. 117, over Owens Creek on Lone Tree and Hartley rd., 12-mi. s.w. of Merced.

Bridge No. 118, over Los Banos creek on Gustine-Los Banos highway, near Trent and about 1½-mi. n.w. of Los Banos.

Cert. check 10% payable to Chairman of Board of Supervisors req. Plans obtainable from County Surv. W. E. Bedesen on deposit of $10, returnable.

PORTLAND, Ore.—Hedrick and Kremers, special bridge engineers for Multnomah county, have completed plans for the Willamette river bridge at Sellwood to replace the present ferry and to be constructed partly of steel from the Burnside bridge. Est. cost $350,000. It is proposed to vote bonds in November to finance construction.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 2, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to remove present structures and const. rein. conc. bridges and culverts in E. D. Morrison road No. 77, in Rd. Dist. No. 3. Cert. check 10% payable to chairman of Bd. of Sups. req. Plans obtainable from County Surv. F. E. Quail on deposit of $10, returnable.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

VISALIA, Tulare Co., Cal.—Frank C. Twaddle, Tulare, at $1068.96 awarded cont. by supervisors to const. Traver canal bridge No. 68, involv (1) 41.02 cu. yds. "A" conc., $11.50; (2) 40.49 cu. yds. "B" conc. $14.75; eng. est. (1) $15; (2) $15. County will furnish materials. Other bids:

Woltz and Vetter, Dinuba, (1) $16.20; (2) $16.80.

H. R. Setterlund, Dinuba, labor $1310.

J. F. Shepherdson, Bakersfield, (1) $14.90; (2) $15.50.

O. P. Johnson, Kingsburg, (1) $24.50; (2) $22.

Adel & Courtwright, Hanford, (1) $19.65; (2) $19.65.

VENTURA, Cal.—deWaard & Cobham 207 Granger Bldg., San Diego, awarded contr. by Supervisors at $35,948 for various repairs to Montalvo bridge.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 1, 11 a. m. bids will be rec. by Eugene D. Graham, county clerk, to const. rein. conc. bridge at site of old bridge over Walker slough, approx. 1 mi. south of Stockton, in Rd. Dist. 1. Cert. check 10% payable to Chairman Bd. of Sups. req. Plans obtainable from F. E. Quail, county surv. on deposit of $10, returnable.

SAN LUIS OBISPO, Cal.—Bids rec. by county supervisors for reinf. conc. bridge over Arroyo Grande Creek rejected as too high. Bids were: Wm. Lane, Paso Robles, $5088, with additional prices for additions or deductions; deWaard & Cobham, San Diego, $7467 with prices for additions or deductions. J. G. Driscoll, clk. of the board.

SANTA CLARA COUNTY, Calif. — State Highway Commission rejects bids to construct two bridges in Santa Clara county over Cedar and North Fork Pacheco creeks.

MODESTO, Stanislaus Co., Cal. — Until Oct. 9 bids will be rec. by County Supervisors to construct 16 new bridges, as follows: Five in Dists. Nos. 1 and 4; four in Dist. 3 and seven in Dist. 2. J. H. Hoskins, county surveyor.

BUTTE COUNTY, Calif.—Delegation from Butte County has petitioned State Highway Commission to construct bridge across new by-pass being constructed in county to project state highway from flood waters. The estimated cost of the bridge is placed at $19,000. Request taken under advisement.

SANTA ROSA, Sonoma Co., Cal.—Until Oct. 8, 1.30 p. m., bids will be rec. by W. W. Felt, Jr., county clerk, to const. rein. conc| bridge in Pleasant Ave., 1½-mi. east of Windsor and over Crane creek, on hill from Santa Rosa to Penngrove.

SALINAS, Monterey Co., Cal.—Monterey County supervisors have instructed County Surveyor Howard F. Cozzens to proceed with the construction of the Hilltown bridge for which a contract was awarded last year to the Standard Industrial Engineering Corp., of San Francisco at approx. $119,000. The work was taken over by the county when the company failed to make satisfactory progress on the structure.

WILLOWS, Glenn Co., Cal.—Teal & Gay, Orland, at $2240 awarded cont. by supervisors to const. 30-ft. rein. conc. bridge, one span, over Watson creek 7-mi. n.w. of Elk Creek.

W. L. Thompson at $1800 awarded cont. to const. 30-ft. rein. conc. Davis bridge over branch of Willow creek 2½ mi. north of Willows.

John Bellinger at $1700 awarded cont. to const. Lohse bridge 2½-mi. west of Artois.

SANTA CRUZ, Santa Cruz Co., Cal.—See "Streets and Sewers," this issue. To vote bonds.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal.—Until 2:30 p. m., Sept. 21, bids will be rec. by harbor comm., 312 Byrne Bldg., for dredging at Berths 214-17; spec. No. 524. Guy W. Wade, secretary.

FOOCHOW, China. — The Min River Conservancy Board, Foochow, China, wants to buy a steam-operated river type, hydraulic dredge, Consul F. B. Price reports to the Dept. of Commerce. The dredge is to be used in improving the channel of the Min River bet. Foochow and Pagoda Anchorage. The material to be dredged consists almost entirely of sand. Maximum capacity is to be 200 cu. yds. of sand per hour, when discharging through a pipeline not more than 2000 ft. long and to an elevation of not more than 20 ft. above the surface of the water, and capable of dredging to a depth of 28 ft. The boiler specifications require construction in accordance with the provisions of the Boiler Code Committee of the American Society of Mechanical Engineers. Specifications require that the hull shall be of steel construction, but alternative tenders are also invited on the dredge with a wooden hull in place of a steel hull. All steel used in the hull must meet the requirements of the specifications for structural steel for ships of the American Society for Testing Materials. Tenders are invited for the delivery of the dredge c. i. f. Foochow. Complete specifications may be seen at the offices of the Bureau of Foreign and Domestic Commerce.

SAN ANSELMO, Marin Co., Cal.—Until Oct. 1, 8 P. M., bids will be rec. by Arthur W. Studley, town clerk, to cut down and remove wood stumps of 11 pine trees in sidewalk area in Pine St. and San Anselmo and Florence Aves. Further information obtainable from clerk.

SUTTER COUNTY, Calif.—Until September 18, 10 a. m., bids will be rec. by Reclamation District No. 1660, 301 California Fruit Bldg., Sacramento for the following work:

(1) Construction of 2 reln. conc. conduits with gates and gate controls, through By-Pass Levees and points east of Tisdale Wier, Sutter county.

(2) Emplacement of approx. 350,000 cu. yds. of earth in levee by clam shell and suction dredges on the left bank of the Sacramento river and between Tisdale Weir and Winship Landing.

(3) Clearing of right-of-way for this levee construction.

Plans obtainable from J. C. Boyd, engineer for district, 301 California Fruit Bldg., Sacramento. **See call for bids under official proposal section in this issue.**

PASADENA, Cal.—City Engr. W. C. Earle will start work at once on channel work in the Arroyo Seco west of the Rose Bowl to provide protection against floods during the winter. Approx. $100,000 will be expended on this work to ensure the safety of the stadium.

IRRIGATION PROJECTS

SELMA, Fresno Co., Cal. — Adell-Cartwright Co., Hanford, at $38.50 cu. yd. submitted only bid to Consolidated Irrigation district to reconstruct main head gates near Centerville, the district to protect them from flood waters. Bid rejected and work ordered by day work under supervision of I. H. Tellman, ch. eng. for district. Bids were taken for the following items: (1) rein. conc. intake at Division Dam on Kings River' (2) rein. conc. intake for Centerville and Kingsburg canal; (3) rein. conc. intake for Fowler Switch canal; (4) rein. conc. outlet for China slough.

GLENDALE, Ariz.—Residents of the Nadaburg section, 32 mi. n. of Glendale vote to form irrigation dist. embracing 20,000 acres. Directors of the new Nadaburg Irrigation Dist. are: W. H. Griffin, Dist. No. 1; E. C. Berry, dist. No. 2; R. A. Ketchem, Dist. No. 3.

LIGHTING SYSTEMS

PACIFIC GROVE, Monterey Co., Cal. —H. C. Reid & Co., 115 Mission St., San Francisco, at $10,300 submits low bid to city trustees to install electroller system in Forest Ave. bet. Pine and Sinex Aves. and in Lighthouse Ave., bet. Fountain and Eardley Aves. Other bids: W. H. McConnell, $10,520; Butte Electric Co., $13,099; Newberry Elec. Co $11,249.90.

REDLANDS, Cal.—Until 2 p. m., Sept. 19, bids will be rec. by city trustees for const. ornam. lighting system, consisting of 13 posts, to be erected on Myrtle St., bet. Olive and Fern Aves. C. P. Hook, city clerk.

SANTA BARBARA, Cal. — See Bids Wanter "Street & Sewer Work," this issue.

MACHINERY AND EUIPMENT

ADELAIDE, South Australia—Copies of specifications for const. and erection of 4 electric coal unloading cranes of 7 ton capacity for the South Australian Harbors Board, Adelaide, South Australia, may be consulted at the district offices of the Bureau of Foreign and Domestic Commerce in New York city, Chicago and Philadelphia. The time limit for the receipt of bids is to expire on October 30, 1923. The particuars describing the cranes and the conditions of the contract are fully set forth in the printed specifications.

GRIDLEY, Butte Co., Cal.—Until Sept 28, 8 p. m., bids will be rec. by Richard Campbell, clerk, Gridley Union High School District, for fur. from one to three school busses; cost of 3 not to exced $6000. Separate bids are desired for chassis and bodies. Further information obtainable from clerk.

FOOCHOW, China. — See "Dredging, Harbor Works and Excavations," in this issue.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, appropriates $972 to purchase two steam roller wheels for Dept. of Streets. W. W. Harmon, city engineer.

SACRAMENTO, Cal.—State Reclamation Board, Forum Bldg., A. M. Barton, chief engineer, is advertising for bids for the purchase of machinery and equipment owned by the State and no longer required for use of the department. The equipment to be sold includes everything from "engines and pile drivers to egg beaters and ice cream freeders." Most of the equipment has been aseembled at Camp 4, south of Sutter City; at Camp 2, near the intersection of the levees of the by-pass and district No. 1, and at Chandler, northwest of Nicolaus.

SAN FRANCISCO.—City Engineer M. M. O'Shaughnessy has been instructed to prepare specifications for a motor bus service along the Embarcadero.

ALHAMBRA, Cal.—See "Miscellaneous Building Construction," this issue.

MADERA, Madera Co., Cal. — Until Oct. 2, 2 p. m., bids will be rec. by L. W. Cooper, county clerk, for furnishing truck equipment, as follows:

Two 4-yd. square corner, two 2½-yd. all purpose, combination steel dump body with removable sides; dump bodies to be constructed of 3-16-in. boiler plate steel equipped with manual tail gate control, double action tail gate, spreader chains, steel underbody suitable for mounting bodies to trucks. Cert. check 10% required. Further information obtainable from county clk.

RAILROADS

KERN COUNTY, Calif.—Articles of incorporation have been filed with the Secy. of State at Sacramento by the Tehachapi Railway Co., organized for the purpose of constructing thirty mi. of railroad between Ilom and Bena, Kern county. Company is capitalized at $1,000,000 and has the following directors: F. L. McCaffery, Oakland; D. P. Ewing, San Francisco; E. J. Foulds, Berkeley.

EUREKA, Humboldt Co., Cal.—City Supt. of Pub. Works John Griffith, instructed to advertise for bids for fur. and del. steel rails and spice bars and renewing tracks for Municipal railway system. Two alternate contracts will be advertised for, one for furnishing 23,385 ft. or 490 tons of 70-lb. high T rails and the other for fur. 14,100 ft. or 295 tons of same weight rails. A. Walter Kildale is city clerk.

CALEXICO, Cal.—According to word from Secy. of State Enciso, no contract has been awarded for construction work on the Mexicali-to-the-Gulf section of the National Railway System of Mexico, notwithstanding several previous reports of awards.

VAN NUYS, Cal.—So. Pac. Ry. will expend $260,000 for betterments to main line through Chatsworth and Burbank. This section, known as the Van Nuys line, is approx. 23 mi.

EUREKA, Humboldt Co., Cal.—Until Sept. 25, 8 p. m., bids will be rec. by Works, 524 D St., for fur. and del .f. o. b. Eureka, materials for Municipal Railway System, as follows:

(1) 490 tons A.S.C.E. Standard 70 lb. open hearth steel rails(with splice bars to match.

(2) 295 tons A.S.C.E. standard 70 lb. open hearth steel rails, with splice bars to match.

(3) 295 tons 70 lb. open hearth high match.

Bids will be rec. separately for each of the three items. Delivery to be made 4 mos. after award of contract. **See call for bids under official proposal section in this issue.**

Auto Supplies
at Cut Rate

EVERYTHING FOR YOUR MACHINE

Zimmerlin Bros. Co.

Established 1907

3190 MISSION ST. — Junction Valencia — Phone Market 8926

24 VAN NESS AVENUE — Near Market

MERCED, Cal.—Twohy Bros. Co., Phoenix, Ariz. and P. Welsh & Co., submitted the low bid to directors of Merced Irrigation Dist. at (a) $1,407,391.77 complete, for removing and reconstructing the Yosemite Valley Railroad between Merced Falls and point near Detwiler, 16.79 mi. Bids have been taken under advisement and action is expected this week. Other bids were: (b) Henry & McFee, $1,404,978.84 (without tracklaying and ballasting); (c) Utah Constr. Co., $1,543,651.40; (d) W. A. Betchel, $2,260,910.70; (e) Engr's. est. $1,504,058.43. The unit prices were:

		(b)	(c)	(d)	(e)
300 acres clearing and grubbing	1.07	1.08	1.15	*	1.10
654,836 cu. yds. solid rock excavation	$ 35.00	$ 50.00	$ 50.00	$ 60.00	$ 50.00
175,288 cu. yds. loose rock excavation	.65	.69	.70	*	.65
163,011 cu. yds. common excavation	.33	.44	.38	*	.40
22,000 cu. yds. common borrow	.33	.40	.34	*	.35
57,000 cu. yds. loose rock borrow	.65	.60	.60	*	.55
(no estimate) solid rock bottom	1.07	.97	1.10	*	1.00
1,000,000 cu. yds. overhaul (per 100 ft. less than 1000 ft)	.0125	.015	.025	.03	.01
(no estimate) overhaul (per 1000 ft more than 2000 ft)	.03	.05	.15	.15	.0075
(no estimate) rip rap	3.00	4.00	4.00	3.00	1.00
1300 cu. yds. retaining walls (laid dry)	5.00	6.00	6.00	5.00	5.00
654 cu. yds. retaining walls (laid in cement mortar)	8.00	11.00	12.00	13.50	10.00
4444 lin. ft. 18-in. cast iron culverts	1.50	.40	1.25	2.00	.50
1397 lin. ft. 24-in. cast iron culverts	2.00	.50	1.70	2.50	.80
653 lin. ft. 30-in. cast iron culverts	2.50	.60	2.10	3.00	1.10
1909 lin. ft. 36-in. cast iron culverts	3.00	.70	2.50	4.00	1.30
(no estimate) concrete culvert ends	22.00	20.00	25.00	30.00	20.00
(no estimate) rubble masonry culvert ends	12.00	11.00	20.00	25.00	10.00
3495 lin. ft. excavation min. unlined tang. section	65.00	90.00	93.00	125.00	110.00
(no estimate) tunnels, overhaul (per 100 ft. less 1000 ft)	.0125	.015	.025	.05	.01
(no estimate) tunnels, overhaul (per 1000 ft. more 2000 ft)	.03	.05	.15	.15	.0075
2725 cu. yds. concrete lining	32.50	25.00	22.00	33.50	25.00
600 cu. yds concrete portals	25.00	20.00	16.00	25.00	15.00
330,046 F. B. M. fitting and erecting timbers	20.00	20.00	33.00	48.00	30.00
1247 cu. yds. concrete piers and footings	22.00	20.00	16.00	30.00	20.00
17.63 mi. tracklaying, including sidings	3000.00	....	1400.00	2250.00	1200.00
16.87 mi. ballasting	1500.00	....	2600.00	2250.00	475.00
8 switches (setting)	50.00	....	100.00	100.00	75.00

Culvert pipe, trestle timber, ties and rails, switches and track fastenings furnished by district. Above bids did not include any work on five bridges and abutments, estimated to cost $1,060,639.

*All excavation (1,072,135 cu. yds., unclassified) at $1.40 yd.

FIRE ALARM SYSTEMS

SAN ANSELMO, Marin Co., Cal. — Until Oct. 1, 8 p. m., bids will be rec. by Arthur W. Studley, town clerk, for fur. and installing 16 fire alarm boxes similar to those now installed. Cert. check 10% payable to clerk req. Further information obtainable from clerk.

SACRAMENTO — New bids will be asked immediately by the city commission to install fire alarm system.

SACRAMENTO, Cal.—Until Sept. 20, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to fur. and install underground and aerial police and fire alarm systems. Cert. checks 10% payable to City Controller req. Bond of $10,000 will be req. of successful bidder. Plans on file in office of city clerk. Albert Givan, city eng.

FIRE EQUIPMENT

LOS ANGELES, Cal.—Until 9 a. m., Sept. 12, bids will be rec. by city purchasing agent, 202 n. city hall annex for fire hose under spec. 750. Thomas Oughton, agent.

REDDING, Shasta Co., Cal. — City council contemplates purchase of 500-gal. pumping engine for fire department; est. cost $7500. A. E. Rollson, city manager.

RIVERSIDE, Cal.—Until 10 a. m., Oct. 2, bids will be rec. by council for fur. 1000 ft. 2½-in. standard fire hose in 50-ft. lengths with regulation couplings Samples and spec. to accompany bids. Price f. o. b. Riverside, cash. S. C. Evans, mayor.

MISCELLANEOUS SUPPLIES

EUREKA, Humboldt Co., Cal.—Until Sept. 18, bids will be rec. by John Griffith, city supt. of pub. wks., for fur. 40,000 pounds of Standard Lump Sulphate of Aluminum to contain not less than 17¼ per cent A. L. 203 Aluminum Oxide and not more than ½ of one per cent iron in bags of 250 pounds each paper lined F. O. B. Dock San Francisco up to Sept. 18, 1923 and delivery to be made about November 1, 1923.

OAKLAND, Cal.—Until Sept. 20, 12 M., bids will be rec. by E. K. Sturgis, city clerk, for fur. steel angles. Bond of 25% of contract price req. of successful bidder. Forms for bidding and further information obtainable from clerk.

SAN FRANCISCO—Until Sept. 24, 2 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, 270 City Hall, for fur. engineering and plumbing supplies; hardware and metals; brushes, glass, painters' supplies and paints; lumber and millwork; electrical supplies and Portland cement as required by the city during the months of October, November and December. Further information and forms for bidding will be furnished on application.

RESERVOIRS AND DAMS

HEMET, Cal.—Bent Bros., 1714 Eagle St., Los Angeles, awarded contr. to erect a 12-ft. solid conc. addition to the Hemet Dam, adding approx. 50% capacity to Lake Hemet, for the Lake Hemet Water Co., owners of the dam and irrigating system supplying the Hemet Valley. The addition will raise the dam to a height of 134 ft.

MERCED, Merced Co., Cal.—New bids will be called for to be opened about Oct. 1, by the Merced Irrigation District, Merced, for the construction of the Exchequer Dam. New plans and spec. are being prepared. Bids will be received on the following propositions: (1) to construct the dam to such size as possible with the funds now available. This size to be determined by the unit bids submitted for each item. (2) to construct the dam to its full size of 320 ft. in height. The district directors will ask for proposals from the contractors on the original dam. It is expected that a proposal will be submitted by contractor Lynn S. Atkinson, of Los Angeles, on a new type multiple arch dam consisting of three arches. Thebo, Starr & Anderton, Sharon Bldg., San Francisco, engrs.

PIPE LINES, WELLS, ETC.

GLENDALE, Cal.—Bids rec. by council for class B, c. i. water pipe, were:

National Cast Iron Pipe Co.—(1) 46,000 ft. 4-in. at $64.26 per ton; (2) 18,000 ft. 6-in. at $60.26 per ton; (3) 8500 ft. 8-in. at $60.26 per ton; (4) 4-in. fittings at $124.26 per ton and 6-in. fittings at $114.26 per ton.

American Cast Iron Pipe Co.—(1) $66.60 per ton; (2) 62.60 per ton; (3) $62.60 per ton; (4) special fittings, 6½c per pound.

U. S. Cast Iron Pipe Co.—(1) 73.27c per ft.; (2) $1.06 per ft.; (3) $1.51 per ft.; (4) fittings, $121 per ton; alternates: (sand cast 5-meter lengths) (1) —; (2) $1.051 per ft.; (3) $1.495 per ft.; (deLavaud 12-ft. lengths) (1) —; (2) 95.8c per ft.; (3) $1.358 per ft.

EUREKA, Humboldt Co., Cal.—Until Sept. 18, 5 p. m., bids will be rec. by Works, for fur. f. o. b. Eureka, 12,500 ft. 2-in. stand. black pipe, random lengths. Delivery to be made 30 days after award of contract.

NAPA, Napa Co., Cal.—Weissbaum & Co., 137 11th st., San Francisco, at $1,096.95 awarded contract by county supervisors to fur. and lay 1,100-ft. 4-in. pipe at county infirmary. Ray Errington, Napa, only other bidder at $1,150.

DURHAM, Butte Co., Cal. — Until Sept. 26, 3 p. m., bids will be rec. by Geo. W. Blount, secy. Durham Union High School District, to drill well on school property; to be 80-ft. or more deep at the discretion of the school trustees. Bids to include furnishing 12-in. standard and screw well casing placed in well. Cert. check 10% required with each bid. Further information obtainable from secretary.

SANTA BARBARA, Cal. — Construction of Montecito Water Dist. tunnel in Pearl Canyon is to be started as soon as preliminary surveys can be made. The directors of the district have authorized the purchase of 26 mi. water pipe, costing $110,000, involving 10,700 ft. 12-in. and the balance of 6-in. and 8-in. pipe, all of De La Vaud centrifugal type. A contract recently signed between the city of Santa Barbara and the district authorizes the installation of a temporary water main between Sheffield reservoir and Barker Pass Rd. The district has started work on this line. It the completed water system should prove inadequate for Montecito at any time in the future, the tunnel will be extended through the mountain to the Juncal dam site on the Santa Ynez river. The water secured from the tunnel, which is to be driven into the mountain 4000 ft., is believed to be sufficient to meet the needs of the district for approx. 10 years.

SAN DIEGO, Cal.—Until 11:30 a. m., Sept. 21, bids will be rec. by city pur. agent for 50 reels ¾-in. lead standard "AA" pipe in continuous lengths, f. o. b. cars, San Diego. Cert. check 5%. W. H. Cameron, supt. purchasing dept.

SAN DIEGO, Cal.—Until 11 a. m., Sept. 26, bids will be rec. by city purchasing dept. for 115 tons 16-in. class C hub and spigot cast iron pipe, and 400 tons of 6-in. class B hub and spigot cast iron pipe. Cert. check 5%. W. H. Cameron, supt. purchasing dept.

EL MONTE, Cal.—Until 8 p. m., Sept. 20, bids will be rec. by city trustees for fur. 4500 ft. of 4-in. O. D. dipped pipe. Cert. check for 10% required. B. B. Moore, city clerk.

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

SEWAGE DISPOSAL PLANTS

LOS ANGELES, Cal.—City Eng. John Griffin has ordered division of Eagle Rock territory into 3 districts and a complete survey made for a sewage system.

MISCELLANEOUS CONSTRUCTION

MARYSVILLE, Yuba Co., Cal.—City council has granted permit to Western Pacific R.R. to construct two subways under tracks on main line in J St. near intersection of 1 street. Each 21-ft. wide with 3-ft. walks on each side. Total cost $43,000.

SACRAMENTO, Cal.—Frederickson & Shannon, Cory Bldg., Fresno, at approx. $20,000 awarded cont. by city commissioners to const. pedestrian lane through levee at 12th St., adjacent to 12th St. subway involv. 13,000 cu. yds. excavation; 250 cu. yds. embankment; 17.7 tons reinforcing steel; 250 cu. yds. concrete in place; 327 lin. ft. pipe railing; 187 lin. ft. electric conduit; 12 marine fixtures; 12 outlets; 720 cu. yds. backfilling; 3750 sq. ft. sidewalk.

RIVERSIDE, Cal.—Nichols Mandie, 203 N Main St., Los Angeles, awarded cont. by city trustees for work in Fairmount Park as follows: const. dam, involv. 24,000 cu. yds. material at 29.5 yd.; const. artificial island, involv. 8000 cu. yds. material at 23c yd.; const. sand beach and boathouse fill, involv. 8000 cu. yds. material, at 26c yd. Other bids were:

Miller Constr. Co.—34c dam; 30c island; 37c sand beach.

Ernest Ward—38c dam; 27c island; 35c sand beach.

H. A. McGarry—47c dam; 52c island; 52c sand beach.

H. G. Fenton—32c dam; 23.5c island; 25.5c sand beach.

WATER WORKS

SAN FRANCISCO—Until Oct. 8, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., San Francisco, for fur. and del. 20-in. booster pump for use in connection with the discharge line of a 20-in. pipe line dredge. Bids shall include prices for following spare parts: 1 propeller; 1 casing (complete); 2 liner engine side; 2 wearing ring engine side; 2 wearing ring suction side; 1 suction mouthpiece. **Specifications on file in office of Building and Engineering News, 818 Mission Street, San Francisco.**

HAYWARD, Alameda Co., Cal.—See "Streets and Sewers," this issue.

LEWISTON, Idaho. — The letting of contracts for waterworks improvements which was scheduled to take place September 5th, has been postponed, and bids will be received and contract awarded October 10th, 1923. This work will consist of seven sections—cast iron pipe, hydrants and valves, centrifugal pumps and motors, filter equipment, pipe laying, concrete reservoirs, and purification plant. Plans and specifications are on file at the Los Angeles Office of Burns and McDonnell Engineering Company, 404 Marsh-Strong Building.

LOS ANGELES, Cal. — Waterworks Supply Co., 705 Wright & Callender Bldg., awarded contr. by public service comm., Sept. 7, for fur. six 24-in. gate valves at $457.40 each.

Pacific Pipe & Supply Co., 1002 S Santa Fe Ave., low bidder at $1274.75 for valves, pipe and fittings under spec. P-316-378. Other bids were: N. O. Nelson Mfg. Co., $1500; Mark-Lally Co., $1519; Crane Co., $1606.83; L. A. Valve & Fitting Co., $1724.

James Jones Co., low bidder forfur. corporation cocks at $4.25 for 1½-in. and $5.80 for 2-in. Other bids were: N. O. Nelson Mfg. Co., $4.43 and $7.02; Public Service Brass Corp., $4.50 and $7.

SAN FRANCISCO—Until Sept. 17, 2 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, Rm. 270 City Hall, for fur. and del. fire hydrants. Spec. and blanks for bidding obtainable from above.

PORTLAND, Ore.—Until Oct. 3, 10 a. m., bids will be rec. by city council to Const. Bull Run conduit No. 3, 25 mi. in length, extending from headworks at Bull Run to Mt. Tabor reservoir; est. cost, $2,500,000. Contractor is to furnish all labor and materials including bends, manholes, air valves, blow offs, bridges road construction and necessary appurtenances.

Some of the principal items in the project follow: 10,000 cu. yds. solid rock excavation for trenches; 290,000 cu. yds. other excavation material and refiling trenches; 13,500 cu. yds. gravel back fill; 70,000 lin. ft. of 6-inch drain tile; 70,000 lin. ft. of 6-inch drain tile; 21,000 feet B. M. creosoted lumber in place; 53 acres clearing and grubbing; 6700 cu. yds. solid rock excavation in roadway; roadway; 718,000 feet B. M. road plank in place; 96,000 feet B. M. timber for bridges and guard rail; 1044 lin. ft. of 9 inch, 630 lin. ft. of 13 in., 180 lin. ft. of 15 in., 108 lin. ft. of 18 in., 54 lin. ft. of 24 in. and 36 lin. ft. of 30 in. corru. iron culverts in place; 27,000 lbs. struc. steel at Gresham; 150,000 lbs. structural steel for Sandy river bridge; 81,000 lbs. struc. steel for Bull Run river bridge; 4000 lbs. struc. steel bars in place. The following quantities of 60-inch rivetet steel pipe: 36,200 lin. ft. 5-16 in. plate 12,300 lin. ft. ⅜-in. plate, 1600 lin. ft. 7/16 in. plate, 2700 lin. ft. ½ in. plate; 52 inch riveted steel pipe, 34,500 lin. ft. ¼-in. plate, 22,000 lin. ft. 5/16 in. plate, 21,800 lin. ft. of ⅜-in. plate. (Alternate proposals may be submitted on lock bar or hammer welded annealed pipe). 22,200 lbs. of steel trestle bends; 310 cu. yds. class A concrete; 600 cu. yds. of class B concrete.

MODESTO, Stanislaus Co., Cal.—Until Sept. 22, 8 p. m., bids will be rec. by Mary W. Hardie, clerk, McHenry School District, to furnish and install pressure water system, including pump, motor and pressure tank together with pipes connecting with present plumbing system. Cert. check 10% req. Spec. obtainable from clerk, Route A, Box 249 Modesto.

DURHAM, Butte Co., Cal.—Until Sept 26, 3 p. m., bids will be rec. by Geo. W. Blount, secy. Durham Union High School District, for fur. and install. pump and pressure tank with all necessary fixtures ready for service with a guaranteed capacity of at least 3000 gals. per hour; bids to include a motor installed for operation of said plant. **See call for bids under official proposal section in this issue.**

SANTA BARBARA, Cal.—See "Pipe Lines & Wells," this issue.

SAN DIEGO, Cal. — Pittsburgh-Des Moines Steel Co. was awarded contract by council at $69,150 for const. steel stand pipe for water distributing system. This figure is $850 higher than first reported as City Engr. F. A. Rhodes recommended accepting an alternate bid which provided 3/16-in steel roof, instead of thinner.

PLAYGROUNDS AND PARKS

SAN FRANCISCO—The $80,000 estimate for improvements planned by Bd. of Public Works for fire department buildings in Division St., bet. 10th and 11th Sts., include the construction of a 7-ft. cyclone wire fence mounted on a concrete curb 12-in. thick and 18-in. high.

MERCED, Merced Co., Cal. — City votes bonds of $25,000 to finance purchase of lands and improvement for park and auto camp purposes.

SEWERS & STREET WORK

SAN DIEGO, Cal. — Griffith Co., 25 14th St. awarded contr. by council at $12,713 to imp. Elm. St., bet. Columbia St. and Balboa Park.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of Alcatraz Ave., involv. grading, $.065 sq. ft.; conc. curb with steel guard, $.75 lin. ft.; conc. curb without steel guard, $.60 lin. ft.; reset granite curb, $.50 lin. ft.; conc. gutter, $.275 sq. ft.; bituminous conc. pave, $.281 sq. ft.; 8x30-in. corru. iron and conc. culvert, $.4 lin. ft; 8x36-in. corru. iron and conc. culvert $5 lin. ft.

SAN FRANCISCO — State Board of Harbor Commissioners has approved plans for proposed vehicular subway under Market street crossing the Embarcadero and bids will be asked within three weeks. Total est. cost $425,000. Frank G. White is ch. eng. of the State Harbor Board with offices in the Ferry Building.

SAN BENITO COUNTY, Calif.—Following bids rec. by State Highway Comm., Sept. 11, to grade and surface with gravel 3 miles of highway in San Benito county bet. 1/5 mile south of San Benito river and Pajaro River bridge:

Granite Constr. Co., Watsonville	$76,946.60
Chas. Harlow Jr., Oakland	78,091.00
C. R. Adams, Snelling	78,712.00
Blanco & Taylor, Vallejo	79,638.50
Marcus-Foster & Ferguson San Francisco (crushed rock)	83,479.50
(river gravel)	76,751.50
Tieslau Bros., Berkeley	84,911.80
Ishell Constr. Co., Fresno	85,360.00
Erickson-Peterson & Grier San Francisco	88,007.51
Blumenkranz & Vernon, Stktn	88,239.00
J. A. Marshall, Berkeley	110,246.40
Wilson D. Ellis & Co. Bkly.	127,861.00
Engineer's estimate	83,627.40

HANFORD, Kings Co., Cal. — City trustees adopts plans to pave E-6th St., bet. Harris and east city limits. City Eng. Ben Duffield instructed to prepare plans to pave portions of Keith, Bush and Cameron Sts.

STOCKTON, San Joaquin Co., Cal.—J. E Johnson, Savings and Loan Bank Bldg., Stockton, at $64,072.33 submits low bid to city council to imp. portions of E-Main, E-Washington, E-Lafayette E-Sonora and F Sts.: Grade; const. comb. conc. curb and gutter; conc. walks; pave with 3-in. crushed rock base with 2-in asph. conc. surface. Clark and Henery Const. Co., only other bidder at $68,178.36

SAN BENITO COUNTY—Granite Construction Co., Watsonville, at $76,946.60 awarded contract by State Highway Commission to grade and surface with gravel, 3-mi. in San Benito county, bet. 1/5 mile south of San Benito River and Pajaro river bridge. Eng. Est. $83,627.40.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 2, 11 a. m bids will be rec. by Eugene D. Graham, county clerk, to imp. Amiel Hoag rd., in Rd. Dist. No 1, commencing at south end of Mormon Slough bridge at Bellota and extending up south bank of Mormon Slough and Calaveras River, a distance of 11,578-ft. Cert. check 10% payable to Chairman of Bd. of Sups. req Plans obtainable from County Surv. F. E. Quail on deposit of $10, returnable.

MODESTO, Stanislaus Co., Cal.—Until Oct. 9, bids will be rec. by county supervisors to pave .73 mile of concrete highway in east end of county to connect with San Joaquin County pavement between Escalon and Valley Home. J. H. Hoskins, county surv.

HANFORD, Kings Co., Cal.—California Construction Co., 58 2nd St., San Francisco, at $16,288.34 awarded cont. by city trustees to imp. 8th St., bet. Phillips and Santa Fe Ave., and Santa Fe Ave. Ave., bet. 7th and Park Sts., grade; pave with 4-in. bituminous base with 1½-in. Warrenite-Bit. surface; const. cem. curb and gutter. Unit bid follows: grade, 3½c; pave 23 4/10c; curb, 70c; gutter, 35c.

SACRAMENTO, Cal.—Until Oct. 1, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to imp. Riverside rd., from end of concrete near Oak Hall south for distance of one mile. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at $5775 submits only bid to supervisors to imp. 1600 ft. of Ocean Ave., beg. at pt. 200 ft. north of Santa Cruz city limits. Bid rejected and work will be done by day labor under supervision of county surveyor Lloyd Bowman.

SANTA CRUZ, Santa Cruz Co., Cal.—City council contemplates bond issue for $135,000, election to be held in November, to finance paving of Cliff Dr. for its entire length; construction of a viaduct over Pacific Ave., from Cowell warehouse to 2nd St., on Beach Hill; reconstruction of bridge over Branciforte creek in Water St. and rebuilding of Garfield street bridge. S. A. Evans, city clerk.

EUREKA, Humboldt Co., Cal.—Until Sept. 25, 10 a. m., bids will be rec. by Fred M. Kay, county clerk, for fur. and del. 1,500 or more cu. yds of crushed rock on Redwood Creek rd., between Marsh's and the Baird road, in Rd. Dist No. 3 Cert. check 5% req. with each bid. A. J Logan, county surv.

OAKLAND, Cal.—Until Sept. 27, 11 a. m., bids will be rec. by E. K. Sturgis, city clerk, to imp. 9th St., bet. Jefferson and Market Sts.; involv. const. conc. curbs and gutters; pave with 2-in Warrenite-Bit. surface on existing macadam pavement redressed with rock and screenings; 2 8-in. vit. pipe sewers; 2 vit. pipe lampholes; 5-in. vit. wye branches. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

LOS ANGELES, Cal. — W. D. McCray, Am. Bank Bldg., Los Angeles, submitted low bid to Bd. Pub. Wks. to imp. Dillon St., bet. Marathon St. and Bellevue Ave., involv. grading at $4850 (lump sum); 855 sq. ft. 5-in. conc. paving at 22c ft.; 2409 ft. san. sewer complete, $3500; reinf. conc. culvert, complete, $1200.

LOS ANGELES, Cal.—G. A. Constantine, 911 Haas bldg., submitted low bid to Bd. Pub. Wks. to imp. first alley west of Allesandro St., bet. Scott Ave. and Montana St., involv. grading at $500 (lump sum); 688 sq. ft. conc. paving at 24c ft. Other bids were: P. F. Martter, $730 grading; 25c paving. Baker & Kinsman, $900 grading; 28c paving

SANTA BARBARA, Cal.—Until 5 p. m., Sept. 20, bids will be rec. by council to imp. various streets in Mesa district, embracing portions of Cliff Dr., Santa Cruz Blvd., San Miguel Ave., Camino Al Mar and Santa Rosa Ave., involv. asph. conc. paving, gutters, curbs, 6-in. and 8-in. sewers and 12-in. and 8-in. water pipes, and lighting system. Est. cost, $56,000; 1911 Act. S. B. Taggart, city clerk. Geo. D. Morrison, city engineer.

BERKELEY, Alameda Co., Cal. — Eaton and Smith, 715 Ocean Ave., San Francisco, awarded cont. by S. P. Co., to repair r.r. portion of Ellsworth St. Electric Line bet. Adeline and Allston Way; labor, $4.55 lin. ft.; labor on drain tile, $.20 lin. ft.; culverts $6.60 lin. ft.; Armco No. 10 gage, $3.60 lin. ft; labor on 4-in. drain tile, $.10 lin. ft. Bond of $38,000 furnished by the contractors on the project.

SANTA MONICA, Cal.—Until 10 a. m., Sept. 25, bids will be rec. by council to imp. Pier Ave., bet. the Promenade and the s.w. line of Main St., by const. conc. curbs, gutters and vit. pipe storm drain. Cert. check or bond 10%. John A. Morton, city engineer.

SAN DIEGO, Cal.—Until 10:30 a. m., Sept. 28, bids will be rec. by supervisors to imp. portion of double track installation of the San Diego Electric Ry. Co., in Normal Hts., from east city limits to the west retaining wall of the bridge over Ward St. Canyon Bridge. Cert. check or bond 5%. J. B. McLees, clerk.

COMPTON, Cal.—Until 8 p. m., Sept. 18, bids will be rec. by city trustees to const. sewers as follows:

Willow St. and Broadway, involving 1690 ft. 8-in. vit. pipe sewers; 2 flush tanks; 6 manholes.

Arbutus, Terebinth and 12 other sts., involv. 1700 ft. 12-in. vit. pipe; 12 flush tanks; 54 manholes with junctions.

1911 Act and 1913 bond imp. act. E. M. Lynch, Central Bldg., Los Angeles, engineer.

SAN DIEGO, Cal. — Griffith Co., 25 14th St., awarded contr. by council Sept. 7, at $27,725 to imp. Ash St., bet. 5th and Atlantic Sts.

SAN DIEGO, Cal.—Until 10 a. m., Sept. 20, bids will be rec. by supervisors to imp. certain streets on Normal Hts., known as Road Dist. Imp. No. 7. Plans and spec. on file at office of the board. Cert. check or bond 10%. J. B. McLees clerk.

WHITTIER, Cal.—Until 5 p. m., Sept. 26, bids will be rec. by College Syndicate, 107 Berry Bldg., to grade streets in College Hills tract, East Philadelphia St. and city limits, involv. approx. 5000 lin. ft. with approx. 9000 cu. yds. grading. Plans ready for inspection Sept. 20, in office of the engr., J. M. Kemmerer, 107 Berry Bldg. Cert. check 5%.

SANTA BARBARA, Cal.—C. T. Richardson, Santa Barbara, awarded contr. by council at $4410 to imp. Sola St., bet. Bath and Castillo Sts. and at $2,791.68 for imp. Bath St., bet. Mission St. and First Ave.

LOS ANGELES, Cal.—California Paving Co., 1627 Cherry St., submitted low bid to Bd. Pub. Wks to imp. 36th Pl., bet. Western Ave. and St. Andrews Pl., involv. grading at $650 (lump sum); 576 sq. ft. 6-in. conc. paving at 32c sq. ft.; 21,141 sq. ft. oiling and rolling at 6.75c ft.; 1785 ft. curb at 58c ft.; 8692 sq. ft. walk at 21.5c ft.; 3607 sq. ft. 6-in. gutter at 33.5c ft.

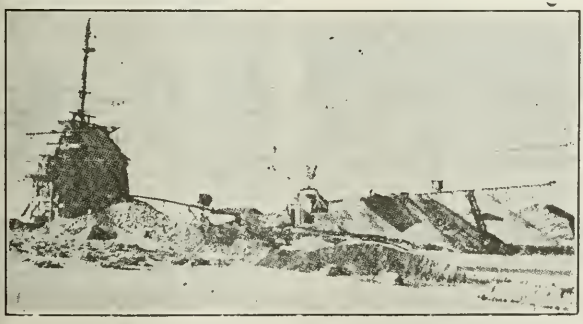
EAST SAN DIEGO, Cal.—California Constr., Union Bldg., San Diego., awarded contr. by city trustees at $508,492.50 to pave portions of 20 sts. with Willite pavement, involv. 2,361,607 sq. ft. paving at 21.5c ft.; 300 ft. curb at 80c ft.; 1950 sq. ft. cem. walk at 26c ft. Other bids were:

H. G. Feraud, pres. of the California Willite Road Constr. Co., Los Angeles—22c paving; 80c curb; 20c walk; total, $520,183.54.

Hall-Johnson Co. — 25c paving; 70c curb; 25c walk; total, $591,099.25.

PHOENIX, Ariz.—Lee Moor Contracting Co., 204 Two Republics Bldg., El Paso, Tex., submitted low bid to dist. engr., bureau of public roads, at $461,347.76 to const. Prescott-White Spar forest highway, in the Prescott national forest, 15.583 mi. in length, involv. clearing and grubbing the entire project; 423,404 cu. yds. unclass. excav; 15.637 mi. finished graded road; 1470 cu. yds. A. conc.; 890 cu. yds. D conc; 190,000 lbs. reinf. steel; 11,746 lin. ft. corru. metal pipe culverts; 82,500 lin. ft. protection ditch; 237 lin. ft. conc. hand rail.

(Continued on Page 30)



Sauerman Drag Lines and Scrapers In Stock

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors
50-60 FREMONT ST.

Sutter 952 San Francisco

What Amount Of Business

Do you get in comparison with your competitor? How much business are you losing due to your failure to know about a job that is up for bids? Larsen Advance Construction Reports keep you fully informed as to what's doing in the construction line in every section of California. Send for sample copies. Larsen Advance Construction Reports, 818 Mission street, San Francisco. Phone Garfield 3140.

SAN FRANCISCO.—M. J. Treacy, Call Bldg., San Francisco, at $2800 awarded cont. by Bd. Pub. Wks. to construct safety station at Castro and 17th Sts.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Sept. 20, 2 P. M., bids will be rec. by H. E. Miller, County Clerk, to imp. Marks road, a portion of Slaughter Rd., portion of Montgomery Rd., portion of Soquel and San Jose Rd., and Quarry Rd., in Skyland section of Soquel Rd. Dist. Plans obtainable from County Snrv. Lloyd Bowman on deposit of $5, returnable.

FAIRFIELD, Solano Co., Cal.—County Surveyor F. A. Steigr instructed to complete plans to grade both connecting ends of Suisun Road District Improvement No. 4. Bids will be asked shortly.

VENICE, Cal.—Southern Constr. Co., 511 Kerckhoff Bldg., Los Angeles, awarded contr. by city trustees at approx., $50,000 to pave eight streets and six courts in tract No. 3533.

ST. JOHNS, Ariz.—H. T. Willis submitted low bid to Apache county supervisors at $44,244.85 to const. 8 mi. roadway on the National Old Trails highway, bet. St. Johns and Springerville. Work involv. grading, surfacing with gravel and const. necessary drainage structures. Other bids were: Hamlin, Whitney & Brown, $51,911.50; Eager, Udall & Ashcroft, $56,737.23, and Udall, Coleman, Winsor & Morgan, $67,005.72.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Sept. 20, 9 a. m. bids will be rec. by S. A. Evans, city clerk, to const. 6-in. vit. sewer in portion of Alta Ave.; 4 hr. manholes with c. i. tops; 54 4-in. wye branches. 1911 Act. Cert. check 10% payable to city req.

HAYWARD, Alameda Co., Cal.—Until Sept. 19, 8 p. m., bids will be rec. by M. B. Templeton, city clerk, to install pipe lines for municipal water system. Pipe, fittings, gate valves, risers and covers, fire hydrants, etc., will be furnished by city. Cert. check 10% payable to town req. Jesse B. Holly, town eng.

SAN DIEGO, Cal. — Griffith Co., 25 14th St., awarded contr. by council at $27,725 to imp. Ash St., involv. 145,042.3 sq. ft. 2-in. asph. conc. on 3-in. bitum. base 16.9c ft.; 1508.8 ft. curb at 65c ft.; 5799.6 sq. ft. cem. walk 22c ft.; 2306 cu. yds. earth excav. 50c yd.; 143.5 cu. yds. earth embank. 5c yd.; two culverts, $814.20; removal of culvert and curb $20.

SEATTLE, Wash. — J. F. Shea Co., Portland, Ore., at $205,016 for clay pipe and $200,599 for conc. pipe, submitted lowest bid to Bd. Pub. Wks. to install sewers in 30th ave. s.w. and other Sts. Goetz ad Brennan, Seaboard Bldg., Seattle, bid $232,930 for either clay or conc. pipe.

TRACY, San Joaquin Co., Cal.—Until Sept. 27, 8:30 p. m., bids will be rec. by Geo. L. Frerichs, city clerk, to imp. Roosevelt Ave., 12th St. and Highland Ave., in La Bonita Park sub-division; grade, const. conc. curbs and gutters; pave with 4-in. compressed gravel and 2-in. topping of asph. macadam; catchbasins; water and sewer connections. 1911 Act & Bond Act 1915. Cert check 10% payable city of Tracy req. W. D. Harrington, city eng.

TUCSON, Ariz. — Borderland Constr Co., Tucson, submitted low bid to city council at $19,100 to pave Franklin St., bet. El Paso and Southwestern tracks and the bridge over the Santa Cruz river, using Warrenite paving on bitum base. Kisselburg, Schmidt and Hitchcock bid $22,426.25 on conc. pavement.

MISSOULA, Montana—Until Sept. 21, 10 a. m., bids will be rec. by C. H. Purcell, Dist. Eng., U. S. Bur. Pub. Rds., 607 Smead-Simons Bldg., Missoula, to const. Troy-Noxon Bull Lake Sec. Natl. Forest Rd., Lincoln county, Montana, involv. clearing 23 acres; 20 acres grubbing; 24,750 cu. yds. unclassified excavation; 5.43 mi. finish earth road; 750 lin. ft. pipe culverts; 40 lin. ft. log (cedar) culverts 4250 cu. yds surfacing in place; 500 cu. yds. maintenance rock. Bureau has equipment for lease to contractors. Further information obtainable from Eng. at Missoula

DALLAS, Ore.—City council contemplates expenditure of $55,000 for sewer improvements. E. J. Himes, city eng.

SAN RAFAEL, Marin Co., Cal. — Election will be held shortly to vote bonds of $100,000 to finance street improvements.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. following sts.:

San Pedro St., Bassett and Fox; grade, pave with 2-in. Warrenite-Bit. surface on 3½-in. bituminous conc. base; hyd. conc. curb, gutter and walks, 3 br. catchbasins; 8-in. vit. pipe drains.

Ashbury St., bet. 1st and San Pedro; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; conc. curb and gutters; 1 br. catchbasin; 8-in. vit. pipe drain.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., San Diego, awarded cont. by council at $24,299 to pave 12th St., in Balboa Park. G. R. Daley bid $25,621.86.

SONORA, Tuolumne Co., Cal.—Board of supervisors vote to pave road leading from Tuolumne to Sonora and from Columbia to Sonora with asph. conc. or other permanent pavement.

SAN LUIS OBISPO, Cal.—City Council, Callie M. John, City Clerk, declares inten. to imp. portion of Osos St., grade; pave with 6-in. hyd. Port. cem. conc.; hyd. conc. curbs; 3 type "A" hyd. conc culverts and 7 type B hyd. conc. culverts; 2 c. i. handhole frames and covers in type A culverts; 3 hyd. conc. catchbasins; 1 Type "A" culvert inlet. 1911 Act. Protests Sept. 24.

PHOENIX, Ariz. — Kisselburg, Schmidt & Hitchcock, Pheonix, awarded contr. at $113,819 to pave approx. 2 mi. of streets in Story tract, bet. 7th and 11th Sts., and bet Roosevelt St. and McDowell Rd., using asph. conc. pavement.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno, awarded cont. by supervisors to pave 9.7 miles of highway from Elm Ave. to Raisin city and from Elm Ave. to Caruthers, bidding 85c cu. yd. for earthwork and 16c for pavement.

LONG BEACH, Cal.—Until Sept. 20, bids will be rec. by council to const. Broadway outfall sewer, which is to be laid in Broadway, bet. Alamitos Ave. to Golden Ave Previous bids received were rejected as too high. R. D. Van Alstine, City Eng.

MARTINEZ, Contra Costa Co., Cal.—W. F. Edwards, 2249 E-22nd St., Oakland, at $7074 submits low bid to Mt. View Sanitary District to construct sewer septic tank and sewers. Other bids: W. F. Edwards, $7074; Oakland Sewer Construction Company, $7999; Miner Company, $8295; Downer & Mero $9268; Heafey, Moore & McNair, $9270; Carnbar & Garden, $9735; T. E. Clinch, $9775; T. F. Geary, $11,680; L. L. Page, $14,079. Referred to Eng. Ross L. Calfee, for report.

SANTA CRUZ, Santa Cruz Co., Cal.—City council S. A. Evans, clerk, declares inten. to imp. portions of California Ave., grade; pave with 5-in. conc.; const. conc. curbs; 8 conc. catchbasins; vit. clay pipe sewers; part circle corru. metal culverts with conc. base. 1911 Act. Protests Sept. 27.

SAN DIEGO, Cal.—Griffith Co., 25 14 h St., submitted low bid to council at $12,712.50 to imp. Elm St., involv. (a) 81 257.32 sq. ft. 1½-in. asph. conc. wearing surface on 2½-in. bitum. base at 15 lc ft.; (b) 426.7 sq. ft. conc. walk at 22c ft.; (c) 80 ft. conc. curb at 65c ft.; (d) 106 cu. yds. earth excav. at 50c yd. Calif. Constr. Co. bid (a) 16.2c; (b) 25c; (c) 75c; (d) $1.50; total, $13,489.37.

PHOENIX, Ariz.—Bids rec. by city comm. to pave approx. 14 blocks in the Story tract were:

Phoenix-Tempe Stone Co.—class 1, $126,714.06; class 2, $135,800.59.

Kisselberg, Schmidt & Hitchcock — class 1, $113,849.79; class 2, $117,533.97.

J. C. Steele & Co.—Class 1, no bid; class 2, $115,105.46.

CENTERVILLE, Alameda Co., Cal.—Until Sept. 19, 8 p. m., bids will be rec. by Jos. C. Mowry, secy. Union Sanitary District, to construct sewers and outfall. Geo. A. Posey, engineer, Courthouse, Oakland. Project involv. 6105 ft. 14-in., 6414 ft. 14-in., 1393 ft. 12-in., 17,972 ft. 10-in., 30,186 ft. 8-in., and 12,723 ft. 6-in. sewer; 67 manholes; 59 lampholes; 4 flush tanks; 50 12-in., 100 10-in., 150 8-in., 500 6-in. wyes, etc. Total ect. cost $65,000. **See call for bids under official proposal section in this issue.**

EUREKA, Humboldt Co., Cal.—Until Sept. 18, 8 p. m., bids will be rec. by A. Walter Kildale, city clerk, for fur. and del. 1000 cu. yds., more or less, gravel for use on city streets. Further information obtainable from clerk. Harry H. Hannah, city eng.

SAN BERNARDINO COUNTY, Cal. — H. M. Henning, 5145 Eagledale Ave., Eagle Rock, awarded contr. by dist. engineer U. S. Bureau of Public Roads, San Francisco, at $61,882 to const. extension to Big Bear Valley Natl. forest highway, in Angeles national forest, 25 mi. n.e. of San Bernardino, approx. 2 mi. long, roadway 18-ft. wide.

CORNING, Tehama Co., Cal.—Until Sept. 18, bids will be rec. by E. L. Randall, city clerk, for purchase of $30,000 bond issue. Proceeds of sale will finance extensions to sewer system.

GLENDALE, Cal.—Bids rec. by council to imp. alley east of Louise St., bet. Lexington and Doran Sts., and portions of Kenwood, Doran and Louise sts., were:

C. L. Hill, 320 Vine St., Glendale—1017 lin. ft. grading and 19,490 sq. ft. 3-in. macad. at 18c sq. ft. including both; 1065 ft. 4-in. water pipe at $2340 28 ft. curb at 50c ft.

E. L. Fleming, 1007 S Boynton, Glendale—$1.50 lin. ft. grading; 11c paving; $2375 pipe; no bid on curb.

P. L. Ferry, 614 E Acacia St., Gelndale—$1.25 lin. ft. grading; 11c paving; $2600 pipe; no bid on curb.

BURBANK, Cal.—The Board of Trustees has instructed City Engr. C. F. Miller to establish grade and complete plans for sewer system to be built under the bond issue, the funds from sale of bonds being now available. No means of disposal of sewage has been decided upon but work is to proceed in laying mains and laterals.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. San Carlos St., bet. 7th and 17th Sts., pave with 1½-in. asph. conc. wearing surface on 3-in. asph. conc. base; conc. curbs, gutters and walks; 1 br. catchbasin; 8-in. vit. pipe drains.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 2, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. portion of county highway in Rd. Dist. No. 3, known as Lammersville school rd., extending from state highway west to Lammersville, approx. 9800 ft. Cert. check 10% payable to Chairman Bd. of Sups. req. Plans obtainable from County Surv. F. E. Quall, on deposit of $10, returnable.

ORANGE, Cal.—L. D. Folsom, Santa Ana, submitted low bid to city trustees to const. storm sewer in Cambridge St. bet. Walnut St. and Santiago Creek, involv. 2640 ft. 18-in. conc. pipe at $2.05 ft.; 3500 ft. 24-in. conc. pipe at $2.70 ft.; 10 conc. manholes at $110. Pernell Barett, Orange, bid $2.35 18-in. pipe; $3.30 24-in. pipe; $90 manholes.

REDLANDS, Cal.—Until 2 p. m., Sept. 19, bids will be rec. by city trustees to const. 8-in. vit. pipe sewer with wyes and wye-branch laterals in Clay St., bet. Western Ave. and lots 18 and 19 Olive Grove add. No. 2. C. P. Hook, city clerk.

SAN DIEGO, Cal.—Plans prepared by City Eng. F. A. Rhodes for imp. Arizona St., bet. University Ave. and Balboa Park, involv. 108,901.36 sq. ft. paving with 4-in. cem. conc. base and 1½-in. asph. conc. wearing surface; $80.12 lin. ft. 6-in. cem. conc. sewer main; 12 6-in. cem. conc. sewer laterals.

Announcing our Removal

TO LARGER AND MORE COMMODIOUS QUARTERS WHICH WILL GREATLY ENHANCE OUR PRINTING FACILITIES AND WILL ENABLE US TO RENDER A MORE EFFICIENT SERVICE AND TAKE BETTER CARE OF OUR GROWING VOLUME OF BUSINESS.

The Mercury Press
Printers and Publishers
818 Mission St., San Francisco

When in need of Printing of any kind call up

GARFIELD 3140

Let us Serve You and Serve You Right

Publishers of

Daily Pacific Builder - Building and Engineering News
Larsen Advance Construction Reports - Official Building Laws of San Francisco

PETALUMA, Sonoma Co., Cal.—Until Sept. 17, 7:30 p. m., bids will be rec. by Lyman Green, city clerk, to imp. East D St., bet. Petaluma Creek bridge and Hopper St., grade; const. curb and macadamize with conc. macadam. Cert. check 10% payable to city req. N. S. Frost, city eng.

OAKLAND, Cal.—Bates and Borland, Oakland Bank of Savings Bldg., Oakland, awarded contract by council to imp. 6th St., bet. Harrison and Oak Sts. involv. grading, $.055 sq. ft.; conc. curb $.75 lin. ft.; conc. gutter, $.30 sq. ft.; 2-in. Warrenite-Bit. surface on 6-in. Port. cem. conc. base pavement, $.30 sq. ft.

RED BLUFF, Tehama Co., Cal. — Until Sept. 24, 7:45 p. m., bids will be rec. by E. F. Lenon, city clerk, for construction of extensions to sewer system, consisting of 4-in. 6-in. 8-in. 10-in. 14-in. and 24-in. sewers, with pumping plant, etc. C. A. Lunning, city eng. **See call for bids under official proposal section in this issue.**

COMPTON, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles, awarded contr. by city trustees to imp. Spruce, Cedar and other streets, involv. 271,061 sq. ft. grading at 3c ft.; 271,061 sq. ft. 5-in. conc. at 21.5c ft.; 5396 ft. hse. sewers at $1.50 ft., 2-in. galv. pipe services at $1.50 ft.; 4-in. woodstave water pipe at $1.23 ft. Hall-Johnson Co. bid 3.25c grading; 22c conc. paving; $1.60 hse. sewers; $1.60 services; $1.30 woodstave water pipe.

Oswald also awarded contr. to imp. Poplar and other streets, involv. 88,043 sq. ft. grading at 3c ft.; 88,043 sq. ft. 5-in. conc. at 21.5c ft.; 1052 ft. hse. sewers at $1.50 ft.; 4-in. woodstave water pipe at $1.23 ft. Hall-Johnson Co. bid 3.25c grading; 22c paving; $1.60 hse. sewers; $1.60 pipe services; $1.30 woodstave water pipe.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Florida St., bet. Maple and Laurel Aves grade; const. conc. curbs and gutters; pave with oil macadam; cem. walks. Street Imp. Act 1923. Protests Oct. 11. W. W. Harmon, city eng.

LOS ANGELES, Cal.—B. D. Zalch, 220 W 56th St., awarded cont. by Bd. Pub. Wks. at $4265 to const. sewer in Ruby Lane, bet. 142 ft. west from Annandale Blvd. and 135 ft. east of Neva Place.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Kansas St., bet. Maple and Midvale Aves., involv. grading; const. concl curbs and gutters; cem. walks; oil macadam pavement; conc. culvert, 5-ft. 6-in. by 7-ft.; 2 conc. inlets with c. l. tops. Street Imp. Act 1913. Protests. Oct 11. W. W. Harmon, city eng.

OAKLAND, Cal. — Warren Construction Co., Bacon Bldg., Oakland, awarded cont. by council to imp. Jackson St. bet. 1st and 10th Sts.: grade, $.05 sq. ft.; conc. curb with steel guard, $1.10 lin. ft.; conc. curb without steel guard, $.75 lin. ft.; conc. gutter, $.32 sq. ft.; asph. conc. pave, $.30 sq. ft.

REDWOOD CITY, San Mateo Co., Cal. —T. M. Gallagher, 2165 Market St., San Francisco, at $16,998.20 awarded cont. by city trustees for sewer improvements in High School Acres; item bid follows: 6-in. vit. pipe, $.75 lin. ft.; 4-in. vit. pipe, $.70 lin. ft.; 6x4-in. wyes, $1 ea.; manholes, $69; lampholes, $39. Chambers and DeGoyler, Oakland, only other bidder at $20,371.52.

PETALUMA, Sonoma Co., Cal.—Wm. Sylva, Petaluma, awarded cont. by city council to imp. Broadway St., bet. Bassett and lot No. 177: cut $2 cu. yd.; fill $.35 cu. yd.; curb and gutter, $.11 sq. ft.; macadam pave, $.11 sq. ft.

LOS ANGELES, Cal. — T. E. Shafer, 405 N. Rampart Blvd., submitted low bid to Bd. Pub. Wks. at $9929 for imp. Liberty St., bet. Berkeley and Scott Aves., involv grading at $4200 (lump sum); 15,369 sq. ft. oiling and rolling at 7c ft.; 1888 ft. curb at 75c ft.; 4538 sq. ft. walk at 22c ft.; 2321 sq. ft. gutter at 34c ft.; san. sewer, $950; post and chain railing, $400; catch basin and connecting drain, $100.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., San Diego, awarded contr. by council at $24,300 to imp. 12th St. extension in Balboa Park, involv. 2140 cu. yds. excav. at 20c yd.; 159,142 sq. ft. 1½ in. asph. conc. paving on 3-in. bitum. base at 15c ft.

H. G. Fenton, 168 10th St., awarded contr. at $60,498 to imp. Imperial Ave. and ten other streets.

G. R. Daley, 4430 Boundary Street, awarded contr. at $28,440 to imp. Imperial Ave., bet. 32nd and 40th St.

OAKLAND, Cal.—Bates and Borland, Oakland Bank of Savings Bldg., Oakland ,awarded contract by council to imp. portions of Madison St., involv. grading, $.055 sq. ft.; conc. curb with steel guard, $1.35 lin. ft.; conc. curb without steel guard, $.75 lin. ft.; conc. gutter, $.30 sq. ft.; asph. conc. pave, $.30 sq. ft.; catchbasin, $75 ea.; 10-in. pipe conduit, $2.50 lin. ft.; 10-in. pipe sewer, $2.50 lin. ft.; manholes, $65; wye branch, $1.

LOS ANGELES, Cal.—C. W. Shafer, 222 W 33rd St., awarded cont. by Bd. Pub. Wks. at $5819 to imp. Young St., bet. Panama and Blinn Aves., involv. grading at $900 (lump sum); 308 sq. ft. conc. paving at 32c ft.; 13,776 sq. ft. rock surfacing, oiling and rolling at 15c ft.; 1093 ft. curb at 70c ft.; 5198 sq. ft. walk at 24c ft.; 2119 sq. ft. gutter at 35c ft.

C. W. Shafer awarded cont. at $10,005 to imp. Marsh St., bet. n.e. line of Tract No. 3657 and 118 ft. n.e. of Riverside Dr., involv. grading at $3000 (lump sum); 4349 ft. curb at 60c ft.; 21,439 sq. ft. walk at 20.5c ft.

PASADENA, Cal.—Leo Miletich, 610 W 54th St., Los Angeles, awarded cont. by city directors at $159,733 to const. 8-in. vit. pipe san. sewer in Arroyo Blvd., bet. Washington and Montana St., Dakota St., bet. Forest Ave. and 1305 ft. west, and in Dakota St., bet. Forest Ave. and 734 ft. east and portions of Prospect Blvd., Del Monte St., Logan, Hammond, Pasadena and other streets, involving brick and conc. flush tanks and manholes with cast iron covers, 4-in. wye branches, etc.; W. C. Earle, city engr. Bessie Chamberlin, city clerk. The total length of streets in which this sewer is to be laid amounts to 86,000 lin. ft. This work involves the following approx. quantities: 69,175 ft. 8-in., 9500 ft. 10-in., 5090 ft. 12-in., 1060 ft. 14-in., 2441 ft. 16-in. vit. pipe; of this there will be incased in conc. 868 ft. of the 8-in. pipe and 350 ft. of the 16-in. pipe. There will be 2690 8x4, 370 10x4, 195 12x4, 42 14x4 & 25 16x5 wyes; 300 manholes; 70 flushtanks. Other bids were: Adam Dalmatin and Mike Guho, $160,000; J. C. Hickey, $165,000; H. D. Churchill Co., $220,000.

STOCKTON, San Joaquin Co., Cal.—Clark and Henery Constr. Co., 38 S Sutter St., Stockton, at $24,270 awarded cont. by county supervisors to imp. 7350 ft. of road from Calaveras river bridge on Lower Sacramento road northerly. J. E. Johnston, Tracy, only other bidder at $25,325.

LOS ANGELES, Cal—Council declares inten. to imp. Denison Ave., bet. 26th St. and 32nd St., etc., grade and pave with part 5-in. cem., conc. and part 2-in. bitum. base; const. cem. curb, walk, 8-in. cem. pipe san. sewers; Vrooman Act.

MARTINEZ, Contra Costa Co., Cal.—Galbraith and Janes, Yuba City, at $34,065.10, only bidder, awarded cont. by county supervisors to const. 7000 lin. ft. of conc. highway extending from Excelsior school on Marsh Creek road.

MARTINEZ, Contra Costa Co., Cal.—Mrs. E. E. O'Brien, Martinez, has private contract to pave 561 ft. of High St. leading to Cemetery Hill; conc pavement, 18-ft. wide.

AUBURN, Placer Co., Cal.—J. P. Riley, Auburn, at $1507 awarded contract by county supervisors to pave Commercial St. fronting courthouse.

MARYSVILLE, Yuba Co., Cal.—County supervisors reject bids to grade, ditch and reconstruct road extending from State Highway at the Jaynes Ranch. Bids were: E. C. Coates, $11,-815.80 for hauling and spreading gravel. F. J. Cheeson, of Meridian, bid $26,-593.10 for all grading and installing of pipes. Work will be done by force account under supervision of Jason R. Meek, county surv.

LONG BEACH, Cal.—Lloyd C. Campbell, 350 Merrick St., Los Angeles, awarded cont. by council at $139,228 to const. cem. pipe sewer system in Sanitary Sewer Pump Dist. No. 1, embracing State, Chestnut, 19th and other streets and alleys.

SANTA ANA, Cal.—City council petitioned to pave Lacy St., bet. 1st and 4th Sts., with 5-in. conc. Plans adopted by council to pave W. Washington Ave. bet. Broadway and Lowell Dr. W. G. Knox, city engineer.

COLUSA, Colusa Co., Cal.—Oakland Sewer Const. Co., 1003 85th Ave., Oakland, at $5900 awarded contract by city trustees to const. outfall involv. 4200 lin. ft. 16-in. concrete pipe.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., awarded cont. by Bd. Pub. Wks. at $51,664 to imp. Vernon Ave., bet. alley west of Van Ness Ave. and Angeles Mesa Dr., involving grading at $4994 (lump sum); 166,477 sq. ft. conc. paving at 23 1/3c ft.; 125 ft. curb at 70c ft.; 18,410 sq. ft. walk at 19c ft.; $340 reinf. conc. pipe culvert complete; 2542 ft. hse. sewers at $1.50 ft.; 865 sq. ft. bitum. base paving at 10c ft.

P. F. Martter, 1250 S. Gramercy Pl., awarded contr. at $9104 to imp. Lake Shore Ave., bet. Berkeley and Scott Aves. involv. grading at $3000 (lump sum); 22,721 sq. ft. oiling and rolling at 7c ft.; 2265 ft. curb at 75c sq. ft.; 6393 sq. ft. walk at 23c ft.; 2884 sq. ft. gutter at 35c ft. walk at 23c ft.; 2884 sq. ft. gutter at 35c ft.; chain and post railing, $335. Engr's est., $9355.90.

YUBA CITY, Sutter Co., Cal.—County Highway Commissioner O. W. Lanzendorf instructed to proceed with graveling of road from north line of Dooley Bros. property to Kelly's corners in Dd. Dist. No. 5. Direct tax road funds of $10,000 are available for the work.

SAN FRANCISCO—Hugh McGill at $7300 awarded cont. by Board of Public Works to install high pressure system extension in North Point street between Van Ness Ave. and Larkin St.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3391	Janssen	Owner	21000
3392	Smith	Smith	4000
3393	Wallroth	Owner	2000
3394	Binet	Owner	4000
3395	Wesendunk	Owner	7000
3396	Cohn	Owner	1800
3397	Fleischman	Chicago	9000
3398	Herlihy	Meyer	4500
3399	Price	Buschke	6875
3400	Ramsay	Owner	12000
3401	Brown	Peterson	10000
3402	Lang	Owner	6000
3403	Quartaroli	Carlo	7000
3404	Janssen	Owner	7900
3405	St. James	Harder	18000
3406	Phelan	Owner	8000
3407	Reinando	Owner	5000
3408	Tiscornia	Owner	3000
3409	Pacific	Kragen	1800
3410	Best	Sass	1250
3411	Hagelstein	Steiger	3000
3412	Musso	Paratore	4000
3413	Lewis	Schwarz	3000
3414	Carmody	Owner	1200
3415	Giusti	Hansen	4600
3416	Bergstrom	Magnuson	1300
3417	Johnson	Owner	100000
3418	Wilhelm	Thomas	7000
3419	Lambert	Owner	3000
3420	Castagnola	Fracchia	7000
3421	Hind	Owner	8000
3422	Janssen	Owner	3950
3423	Black	Johnson	8000
3424	Allred	Owner	6000
3425	Same	Same	6000
3426	Imshenetsky	Balliet	18000
3427	Recorder	Collupy	4100
3428	Gueri	Filippis	7000
3429	Hammond	Owner	7900
3430	Keller	Owner	6500
3431	Morris	Owner	5000
3432	Lester	Wagner	8000
3433	Tracy	Cobudn	3000
3434	Loupe	Owner	1000
3435	Reardon	Owner	1000
3436	Allyne	Knowles.	14056
3437	Haley	Boswall	3324
3438	Otis	Granfield	3850
3439	Callahan	Eldrup	12000
3440	S F Warehouse	McIntosh	18410
3441	Laftus	McCauley	6000
3442	Crocker	Samuelson	1000
3443	Same	Same	3800
3444	Richards	Owner	12000
3445	Guilbert	Owner	3000
3446	Winkler	Owner	1500
3447	Mundell	Owner	2000
3448	Joyce	Jones	2000
3449	Kuyper	Owner	3500
3450	Christian	Owner	8000
3451	Richardson	Tuttle	3000
3452	Barry	McBride	9000
3453	Davis	Coburn	2500
3454	Morse	Solomon	2000
3455	Gillette	Phoenix	1000
3456	Federal	West	101133
3457	Musso	Paratore	4060
3458	Crescio	Brisa	5000
3459	Gneri	Filippis	6575

FRAME FLATS
(3391) N ANZA 82-6 and 107-6 E Eighteenth Ave. and N ANZA 82-6 W Seventeenth Ave. Three two-story and basement frame (2 in each) flats.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $7000 each

DWELLING
(3392) E THIRTY-SIXTH AVE 175 N Fulton. Two-story and basement frame dwelling.
Owner—Chas. Smith, 3021 McAllister St., San Francisco.
Designer—R. M. Smith, 5754 Geary St., San Francisco.
Contractor—R. M. Smith, 5754 Geary St., San Francisco. $4000

ADDITIONS
(3393) NO. 2313 JACKSON. Additions for flats.
Owner—P. Wallroth, Cor. Page and Pierce Sts., San Francisco.
Architect—None. $2000

DWELLING
(3394) W CLAREMONT BLVD. 90 N Ulloa. One-story and basement frame dwelling.
Owner—John J. Binet, 275 Claremont Blvd., San Francisco.
Architect—None. $4000

DWELLINGS
(3395) E ATHENS 175 and 250 S France. Two one-story and basement frame dwellings.
Owner—A. A. Wesendunk, 1747 Dolores St., San Francisco.
Architect—None. $3500 each

DWELLING
(3396) E FORTY-FIRST AVE 248-8 N Balboa. One-story and basement frame dwelling.
Owner—David Cohn, 110 Sutter St., San Francisco.
Architect—G. Stroberg, Flatiron Bldg., San Francisco. $1800

TANK & TOWER
(3397 TWENTY-THIRD AND Minnesota. Erect steel tank and tower.
Owner—Fleischman Co., Premises.
Architect—None.
Contractor — Chicago Bridge & Iron Works, 338 Rialto Bldg., San Francisco. $9000

COTTAGE
(3398) W THIRTY-SEVENTH AVE 125 N Anza N 25xW 120. All work for one 5-room cottage.
Owner — A. P. Herlihy, 2535 Vallejo St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Sept. 6, '23. Dated Sept 4, '23.

Frame up	$1125
Brown coated	1125
Completed	1125
Usual 35 days	1125
TOTAL COST.	$4500

Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

CONCRETE BLDG.
(3399) S BRYANT 166 W Second. All work for two-story reinforced concrete building.
Owner—Merton J. Price, 630 20th Ave., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor — Buschke & Brown, 185 Stevenson St., San Francisco.
Filed Sept. 6, '23. Dated Sept. 4, '23.

Excavation completed and footings poured	$1000
Concrete poured to 2d floor line	1411
Roofing on	1410
Cmopleted and accepted	1410
Usual 35 days	1744
TOTAL COST.	$6975

Bond, $3487.50. Sureties, R. A. Sauer and Fred Wagner. Limit, 40 days. Forfeit, none. Plans and specifications filed.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

FRAME FLATS
(3400) W FIFTEENTH AVE 200 N Fulton. Two-story and basement frame (2) flats.
Owner—J. S. Ramsay, 500 Castro St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco. $12,000

FRAME FLATS
(3401) W GUERRERO 169-6 N 19th. Two-story and basement frame (2) flats.
Owner—Mrs. L. Brown, 90 Bryant St., San Francisco.
Architect—None.
Contractor—Gustave Peterson, 683 9th Ave., San Francisco. $10,000

DWELLING
(3402) N MARCELLA 100 E Pacheco. Two-story and basement frame dwelling.
Owner—Lang Realty Co., 219 First National Bank Bldg., S. F.
Architect—H. Stoner, 219 First National Bank Bldg., S. F. $6000

FRAME FLATS
(3403) S FRANCISCO 100 W Franklin. Two-story and basement frame (2) flats.
Owner—E. Quartaroli, 823 North Point St., San Francisco.
Architect—None.
Contractor — L. Del Carlo, 119 Culebra Terrace, S. F. $7000

DWELLINGS
(3404) E TWENTY-SIXTH AVE 125 and 150 N Anza. Two one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $3950 each

CHURCH
(3405) N CALIFORNIA 82-6 E Ninth Ave. Frame church.
Owner—St. James Mission of the Protestant Episcopal Church, Diocese of Calif., 9th Ave and California St., S. F.
Architect—Harvey E. Harris, 815 Balboa St., San Francisco.
Contractor—John Harder, 39th Ave. & Fulton St., San Francisco. $18,000

FRAME FLATS
(3406) W FOURTENTH AVE 93 S Anza. Two-story and basement frame (2) flats.
Owner—P. J. Phelan, 480 Funston Av., San Francisco.
Architect—None. $8000

DWELLING
(3407) W MORRELL 94 N Pacific. One-story and basement frame dwelling.
Owner—A. Reinando, 71 Bernard St., San Francisco.
Architect—None. $5000

DWELLING
(3408) W THIRTY-THIRD AVE 125 N Cabrillo. One-story and basement frame dwelling.
Owner—D. Tiscornia, 188 Bertita Ave., San Francisco.
Architect—None. $3000

ALTERATIONS
(3409) NO. 2768 MISSION. Change show windows for store.
Owner—Pacific Outfitting Co., 21st & Mission Sts., San Francisco.
Architect—None.
Contractor—Louis Kragen, 661 Golden Gate Ave., San Francisco. $1800

ALTERATIONS
(3410) NO. 70 FOURTH. Change front; remove & erect new plaster partitions; install 2 toilets in restaurant.
Owner—Best Ever Lunch Co., Prem.
Architect—None.
Contractor—Sass & Son, 134 Anna St., San Francisco. $1250

ALTERATIONS
(3411) NO. 545 ASHBURY. Change for apartments as recommended by Fire Marshall.
Owner—Mrs. Hagelstein, 1330 Cole St., San Francisco.
Architect—None.
Contractor—H. Steiger, 1630 Haight St., San Francisco. $3000

ALTERATIONS
(3412) SW CLEMENT & THIRTY-second Ave. Alterations and additions for residence.
Owner—John H. Musso, % Occidental Market, SE Clement and 32nd Ave., San Francisco.
Architect—Chas. Fantoni, 550 Montgomery St., San Francisco.
Contractor — R. Paratore, 4261 23rd St., San Francisco. $4000

SHOP
(3413) S FOLSOM 225 E Ninth. One-story brick shop.
Owner—E & H. Lewis, 423 6th St., San Francisco.
Architect—None.
Contractor — Chas. Schwarz, 1440A Hyde St., San Francisco. $3000

SHOP
(3414) N MINNA 315 E Eighth. One-story frame paint shop.
Owner—A. B. Carmody and H. A. McNeil and W. C. Farley, 945 Pine St., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco. $1200

FLATS
(3416) LOCATION NOT GIVEN. All work for two-story and basement flat building.
Owner — Bert and Mamie Bergstrom, McAllister St., San Francisco.
Architect — Chas. F. Strothoff, 2276 15th St., San Francisco.
Contractor — August Magnuson and Adrian Peterson, 208 Noe St., San Francisco.
Filed Sept. 7, '23. Dated Aug. 25, '23.
Roof boards laid.....$3261.25
Brown coated 3261.25
Completed and accepted..... 3261.25
Usual 35 days..... 3261.25
TOTAL COST, $13,045.00
Bond, $4000. Sureties, Albin Warden and Chas. Monson. Limit, Dec. 15, '23. forfeit, none. Plans and specifications filed.

ALTERATIONS
(3415) SE FILLMORE AND MOULTON E 137-6xS 34-6. All work for alterations and additions to bldg.
Owner—N. Giusti.
Architect—W. H. Armitage, Call Bldg., San Francisco.
Contractor—H. E. Hansen, 180 Jessie St., San Francisco.
Filed Sept. 7, '23. Dated Aug. 17, '23.
Moved, studded up and roof sheathed $1150
Brown coated 1150
Completed and accepted..... 1150
Usual 35 days..... 1150
TOTAL COST, $4600
Bond, $2300. Sureties, Thomas Johnson and Frank J. Prosek. Limit, none. Forfeit, $10. Plans and specifications filed.

APARTMENTS
(3417) SW JONES & SACRAMENTO. Six-story and basement Class C concrete (53) apartments.
Owner—Chas. A. Johnson, % Architect.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco. $100,000

FRAME FLATS
(3418) E BRODERICK 60 S Greenwich. Two-story and basement frame (2) flats.
Owner—F. E. Wilhelm, 720 Jones St., San Francisco.
Architect—None.
Contractor—J. C. Thomas, 5429 Geary St., San Francisco. $7000

DWELLING
(3419) S HANOVER 128 S Guttenberg. One-story and basement frame dwelling.
Owner—W. E. Lambert, 852 Moultrie St., San Francisco.
Architect—O. Axdel, — Howth St., San Francisco. $3000

FRAME FLATS
(3420) S LOMBARD 51-6 W Taylor. Two-story and basement frame (2) flats.
Owner — Domenico Castagnola, 2260 Mason St., San Francisco.
Architect — Louis Mastropasqua, 580 Washington St., San Francisco.
Contractor—Fracchia & Rosina, 36 Cunningham Place, S. F. $7000

FRAME FLATS
(3421) E FRANKLIN 112-6 S Bay. Two-story and basement frame (2) flats.
Owner—Alfred E. Hind, % Architect.
Architect—W. G. Hind, 711 Hearst Bldg., San Francisco. $8000

DWELLING
(3422) E THIRTY-SECOND AVE 225 N Geary. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $3950

FRAME FLATS
(3423) E RAMONA 135 N Fifteenth. Two-story and basement frame (3) flats.
Owner—J. A. Black, 180 Jessie St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco. $8000

DWELLING
(3424) NE URBANO DR. & CORONA. One and one-half-story and basement frame dwelling.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—None. $6000

DWELLING
(3425) NW CORONA & URBANO DR. One and one-half-story and basement frame dwelling.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—None. $6000

REPAIRS
(3426) NO. 107 HAIGHT. General repairs and reconstruct rooming house.
Owner—V. M. Imshenetsky, 265 Corona Court, San Francisco.
Plans by Contractor.
Contractor — G. W. Balliet, 4184 17th St., San Francisco. $18,000

ALTERATIONS
(3427) NW STEVENSON 425 SW 7th. Raise present wood trussed tar and gravel roof 5' 6"; addition of 2nd store; install windows; electric work and plumbing for printing plant.
Owner—Recorder Printing & Publishing Co. of San Francisco, 693 Stevenson St., San Francisco.
Architect—None.
Contractor—C. R. Collupy, 464 California St., San Francisco. $4100

DWELLING
(3428) W FRANKLIN 37-6 S Chestnut. One-story and basement frame dwelling.
Owner—Saverio Gueri, 1160 Green St., San Francisco.
Architect—W. H. Armitage, New Call Bldg., San Francisco.
Contractor—V. Filippis, 1527 Powell St., San Francisco. $7000

FRAME FLATS
(3429) W TWENTY-SIXTH AVE 95 S Geary. Two-story and basement frame (2) flats.
Owner—L. B. Hammond, 151 26th Ave., San Francisco.
Architect—None. $7900

FRAME FLATS
(3430) W TWENTIETH AVE 65 N Kirkham. Two-story and basement frame (2) flats.
Owner—R. Keller, 3427 Andover St., Oakland.
Architect—N. R. Coulter, 46 Kearny St., San Francisco. $6500

DWELLING
(3431) W ELEVENTH AVE 250 S Balboa. One-story and basement frame dwelling.
Owner—A. T. Morris, 602 9th Ave., San Francisco.
Architect—None. $5000

ALTERATIONS
(3432) NO. 1029 MARKET. Alter store front; install sidewalk elevator.
Owner—Lester Bros.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—D. R. Wagner, 640 Call Bldg., S. F. $8000

REPAIRS
(3433) NW MISSION AND SIXTH STS. Repair fire damage to store and hotel.
Owner—Mrs. Tracy, 1890 Jessie St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $3000

ALTERATIONS
(3434) NO. 81-83 THIRD. Alter store fronts.
Owner—Lester G. Loupe, 57 Post St., San Francisco.
Architect — S. Heiman, 57 Post St., San Francisco. $1000

ADDITION
(3535) NE CLIFFORD AND UPPER Terrace. Add back stairs; remodel for garage quarters; rearrange partitions.
Owner—T. A. Reardon, 195 Upper Terrace, San Francisco.
Architect — August Headman, Call Bldg., San Francisco. $1000

METAL PARTITIONS, ETC.
(3436) W MISSION AND ECKERT and 275 SW First SW 74 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. Metal partitions, furring, lath, plaster, and waterproofing for building.
Owner—Lucy H. and Edith W. Allyne.
Architect—Reid Bros.
Contractor—Ac Knowles, Call Bldg., San Francisco.
Filed Sept. 11, '23. Dated Sept. 5, '23.
Every 15 days commencing 15 days after execution of contract 75%
Usual 35 days..... 25%
TOTAL COST, $14,056
Bond, $7028. Surety, Globe Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

ADDITIONS
(3437) NO. 431 TWENTY-THIRD AVE South of Geary. All work for additions to present dwelling.
Owner—Thos. J. and Mariane Haley, 431 23rd Ave., San Francisco.
Architect—None.
Contractor—W. C. Boswall, 2764 McAllister St., San Francisco.
Filed Sept. 11, '23. Dated Sept. 6, '23
Frame up and roof on.....$800
Brown coated 500
Standing finish on..... 550
Usual 35 days..... 31
TOTAL COST, $3324
Bond, none. Limit, Nov. 10, 1923. Forfeit, none. Plans and specifications filed.

EXCAVATION, ETC.
(3438) SW BEACH AND GRANT AVE W 275xS 137-6. Excavation, bulkheading, sheet piling, etc., for 2-story office and factory building.
Owner—Otis Elevator Co., 2300 Stockton St., San Francisco.
Architect—None.
Contractor—A. J. and J. J. Granfield (as San Francisco Motor Drayage Co.)
Filed Sept. 11, '23. Dated Sept. 7, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3850
Bond, $1925 Surety, Fidelity & Deposit Co. of Maryland. Limit, 15 days after beginning. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(3439) S BAY 87-6 W Gough W 25xS 87-6. Al work except painting, hardware, light fixtures, wall beds and window shades for two-story frame flats.
Owner—E. E. Callahan, 1151 Pacific St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—John Eldrup, 3723 Market St., San Francisco.
Filed Sept. 11, '23. Dated Aug. —, '23.
Ready for roof.....$2250
Brown coated 2250
Standing finish on..... 2250
Completed and accepted..... 2250
Usual 35 days..... 3000
TOTAL COST, $12,000
Bond, $6000. Sureties, Otto Anderson and Eric Strom. Limit, 90 days. Forfeit, $50. Plans and specifications filed.

BUILDING
(3440) SW BRANNAN 137-6 NE Third S7 137-6xNE 37-6. All work for two-story brick and wood building
Owner—San Francisco Warehouse Co., 625 3rd St., San Francisco.
Architect—G. A. Applegarth, Claus Spreckels Bldg., San Francisco.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco.
Filed Sept. 11, '23. Dated Aug. 23, '23.
On 1st and 15th of each month 75%
TOTAL COST, $18,410
Bond, $9250. Surety, Globe Indemnity Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3441) S BALBOA 82-6 W Twenty-third Ave W 28-5xS 96-7 OL 358. All work for frame dwelling.
Owner—Thomas F. and Mary E. Loftus 2032 Pierce St., San Francisco.
Architect—A. C. Griewank, Call Bldg., San Francisco.
Contractor—McCauley & Webber, 1153 Shotwell St., San Francisco.
Filed Sept. 11, '23. Dated Sept. —, '23.
Upon signing contract.....$ 700
Enclosed 1325
Plastering completed 1325
Completed 1325
Usual 35 days..... 1325
TOTAL COST, $6000
Bond, $3000. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, $1.50. Plans and specifications filed.

WAREHOUSE
(3442) SE SOUTH HILL AND SCENIC Way. One-story frame warehouse.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor — A. M. Samuelson, 290 Rolph St., San Francisco. $1000

DWELLING
(3443) E WINDWAY WAY 200 N Naylor. One-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor — A. M. Samuelson, 290 Rolph St., San Francisco. $3800

RESIDENCE
(3444) W SAN FERNANDO 120 N Monterey. Two-story and basement frame residence.
Owner—A. E. Richardes, 721 Beach St., San Francisco.
Plans by Owner. $12,000

ADDITION
(3445) NO. 550 THIRD AVE. Addition of 2 apartments; tar and gravel roof.
Owner—H. Guilbert, Premises.
Architect—None. $3000

ADDITION
(3446) NO. 2715 FILBERT. Two-room addition for residence.
Owner—C. Winkler, Premises.
Architect—None. $1500

ADDITION
(3447) NO. 1319 GREENWICH. Two-room addition for flats.
Owner — William Mundell, Santa Fe Bldg., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $2000

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

STORE
(3448) S BALBOA 45 W Thirty-fourth Ave. One-story and basement frame store.
Owner—Patrick Joyce, — 16th Ave., San Francisco.
Designer—A. J. Rushton.
Contractor—Thos. M. Jones, 3767 Army St., San Francisco. $2000

DWELLING
(3449) E TWENTY-SECOND AVE 240 N Vicente. One-story and basement frame dwelling.
Owner—A. Kuyper.
Designer—S. S. Reed, 683 7th Ave., San Francisco. $3500

FRAME FLATS
(3450) S BAY 50 E Franklin. Two-story and basement frame (3) flats.
Owner—Chas. F. Christian, 2961 Buchanan St., San Francisco.
Architect—None. $8000

DWELLING
(3451) E FOLSOM 75 N Courtland. One-story and basement frame dwelling.
Owner—Marie Richardson, 3925 24th St., San Francisco.
Architect—None.
Contractor—P. M. Tuttle, 45 Chattanooga St., S. F. $3000

FRAME FLATS
(3452) W CHURCH 200 N Randall. Two-story and basement frame (2) flats.
Owner—James Barry, 4 Godeus St., San Francisco.
Architect—None.
Contractor — B. McBride, 150 Silver Ave., San Francisco. $9000

ALTERATIONS
(3453) NO. 2570-72 SUTTER. Tar & gravel roofing; plaster ceiling; papering; tinting and painting for flats.
Owner—S. Davis, 180 Jessie St., S. F.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $2500

REPAIRS
(3454) SE BRODERICK AND BUSH. Repair fire damage; T. & G. roofing for dwelling.
Owner—Mr. Morse, 360 Market St., San Francisco.
Architect—None.
Contractor—L. Solomon, 1436 Ellis St., San Francisco. $2000

REPAIRS
(3455) NW MARKET AND ELLIS. Repair and install new sidewalk-lights.
Owner—Gillette Bldg., Premises.
Architect—None.
Contractor—Phoenix Sidewalk Light Co., Monadnock Bldg., S. F. $1000

METAL FURNITURE
(3456) NW BATTERY AND SACRAmento W 275xN 119-6 Movable metal furniture and equipment for seven-story Class A bank building.
Owner—Federal Reserve Bank of San Francisco.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—M. G. West Company, 115 Front St., San Francisco.
Filed Sept. 12, '23. Dated Sept. 4, '23.
On shipment of materials from contractor's factory 25%
Materials delivered at bldg.... 50%
When accepted 25%
TOTAL COST, $101,133
Bond, $50,567. Surety, The Fidelity & Casualty Co. Limit, 18 months Forfeit, none. Plans and specifications filed.

ALTERATIONS
(3457) SW CLEMENT & THIRTY-second Ave S 100xW 25. All work for alterations and additions to a two-story frame building.
Owner—John H. Musso, 3045 Clement St., San Francisco.
Architect—Charles Fantoni, 550 Montgomery St., San Francisco.
Contractor—R. Paratore.
Filed Sept. 12, '23. Dated Sept. 6, '23.
Roof on $1015
Brown coated 1015
Completed and accepted 1015
Usual 35 days..... 1015
TOTAL COST, $4060

Bond, $2030 Sureties, G. Torchia and A. Farina. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

BUILDING
(3458) NE WOOLSEY AND DARmouth. All work for building.
Owner—E. Crescio, Premises.
Architect—P. F. De Martini, 946 Broadway, San Francisco.
Contractor—A. Brisa, 527 Vallejo St., San Francisco.
Filed Sept. 12, '23. Dated Aug. 18, '23.
Brown coated $1650
Completed and accepted..... 1650
Usual 35 days..... 1700
TOTAL COST, $5000
Bond, none. Limit, 80 days. Forfeit, plans and specifications, none.

RESIDENCE
(3459) W FRANKLIN 37-6 S Chestnut S 25xW 100 W A 113. All work except painting, light fixtures and shades for one-story and basement frame residence.
Owner—Saverio Gneri.
Architect—W. H. Armitage, Call Bldg., San Francisco.
Contractor—V. Filippis, 269 24th Ave., San Francisco.
Filed Sept 12, '23. Dated Sept. 11, '23.
On completion of framing.....$1650
Ready for lathing..... 1600
Completed and accepted..... 1650
Usual 35 days..... 1675
TOTAL COST, $6575
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Sept. 6, 1923—NE NINTH AND NAtoma 75 on Ninth by 100 on Natoma. Samuel Schell to whom it may concern.....Sept. 1, 1923

Sept. 6, 1923—N JUDAH 100 and 100 W Seventh Ave. Daniel R Wagner to whom it may concern.....August 10, 1923

Sept. 6, 1923—LOT 14 BLK 16 Crocker Amazon Tract. Emma and O E Heinnian to Wm J Anderson.....Sept. 4, 1923

Sept. 6, 1923—INT. S BDY MIRANDA Grant and W Lyon St. W 92.07 N 277.87 E 57-9 S 279.84. Carlo Matraia to H W Jensen (3 acceptances, all same).....Sept. 1, 1923

Sept. 6, 1923—LOT 12 BLK 21 Map Resub Blks 18 and 21 and Ptn Blk 19 and Lots lettered P, Q, R and S, St. Francis Wood Extn No. 2. Garden Homes Co to Mangels Bros..August 29, 1923

Sept. 6, 1923—E STANYAN 100 and 120-0½ S Grattan, 20-0½x106; E Shrader 25, 50, 75 and 100 S Parnassus Ave 25x100. John J Binet to whom it may concern.....Sept. 6, 1923

Sept. 7, 1923—LOT 41 BLK 6418, Crocker Amazon Tract Sub 2; NE South Hill Blvd at Int dividing line bet Lots 40 and 41 Blk 6418 SE 10 NE 104.66 m or 1 NW 10 m or 1 SW 104.66 Ptn Lot 40 Blk 6418 Crocker Amazon Tract. Henry W and Mae I Petersen to whom it may concern.....August 20, 1923

Sept. 7, 1923—NE EIGHTEENTH Ave and Irving 50x37-6. Arthur H Klahn to Arthur H Klahn.....Sept. 6, 1923

Sept. 7, 1923—NO. 33 BURNSIDE AV. Luigi Belvedere to W Gasperetti .....Sept. 4, 1923

Sept. 7, 1923—W FORTY-SECOND Ave 30, 60, 90, 120, 150, 180, 210, 240 and 270 S from S Anza S 30x 120. Thos Hamill to whom it may concern.....Sept. 7, 1923

Sept. 7, 1923—E FOURTH AVE 31-4 13/16 S Cabrillo S 31xE 87-6. Emil B and Sarah A Birk to whom it may concern.....Sept. 6, 1923

Sept. 7, 1923—N IRVING 50 E 18th Ave 50x37-6. Olga J Klahn to Arthur H Klahn.....Sept. 6, 1923

Sept. 7, 1923—W FORTY-SECOND Ave 100 and 125 S from S Balboa S 25x120. Thos Hamill to whom it may concern.....Sept. 7, 1923

Sept. 7, 1923—LOTS 2, 7 and 11 BLK 3178, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Sept. 6, 1923

Sept. 7, 1923—W MISSION & FRANcis SW 50xNW 100 Ptn Female Academy Tract. Percy G Terzian to whom it may concern.Sept. 6, '23

Sept. 7, 1923—N GROVE 181-3 E Clayton 28-9x137-6. Clarence Coogan and P J Phelan to whom it may concern.....Sept. 7, 1923

Sept. 8, 1923—SW GIRARD 150 SE Maryland SE 25xSW 120. Jeremiah J Shea to David C Nash.Sept. 6, 1923

Sept. 8, 1923—W MIZPAH 171.39 N Chenery N 25xW 100. Bert Ghiotto to whom it may, concern.....

Sept. 8, 1923—W NOE 39 S Jersey 75 x80. Axel R Larson to whom it may concern.....Sept. 7, 1923

Sept. 8, 1923—SW FLORIDA 140 S of Twenty-sixth. Albert W and Lillian C Portz to whom it may concern.....Sept. 4, 1923

Sept. 8, 1923—S GEARY 68-6 E Hyde E 48xS 137-6. C W Higgins to whom it may concern..Sept. 8, 1923

Sept. 8, 1923—W THIRTY-SIXTH Ave 150 S Lincoln Way S 100xW 120. John E and Ethel M McCarthy to whom it may concern.....Sept. 6, 1923

Sept. 8, 1923—SE SHIPLEY AND Fifth SE 75xNE 125. Fred H Meyer to George Wagner.....Sept. 7, 1923

Sept 11, 1923—E TWENTY-NINTH Ave 125 S Balboa. Charles Blake to whom it may concern.....Sept. 11, 1293

Sept. 11, 1923—LOT 8 BLK "F" Mission Terrace. Walter E Hansen to whom it may concern.....Sept. 7, 1923

Sept. 11, 1923—E FRANKLIN 65 S Chestnut. Waterfront Sash & Door Co vs L D Delmartier and Mrs Millie Risden $182

Sept. 11, 1923—E FORTY-FIFTH AV 160 S Irving. Waterfront Sash & Door Co vs L D Delmartier and Wm H Voll $235

Sept. 11, 1923—LOTS 1 AND 2 BLK 43, Reis Tract. E C Gilbert to whom it may concern..Sept. 6, 1923

Sept. 11, 1923—S SIXTEENTH 150 W Castro Lot 11 Blk 14. Flint Tct Leo Tiensini to whom it may concern.....Sept. 11, 1923

Sept. 11, 1923—SW GOUGH & FELL W 192-6xS 120. The Lurie Co to Vukiccvich & Bagge..Sept. 11, 1923

Sept. 11, 1923—FOURTH AVE AND Geary (Service Station No. 9). Associated Oil Co to George Wolf.....Sept. 1, 1923

Sept. 11, 1923—E THIRTY-FIRST Ave 100 S California — 25 W 120 N 25 E 120 No. 318 31st Ave. Wellington and Irma Galodey to C D Delmarter.....August 2, 1923

Sept. 11, 1923—S LOMBARD 106-8 W Laguna 25x137-6. Luigi Repetto to S Montani.....Sept. 8, 1923

Sept. 12, 1923—COM. 175 W of Int. of W Third and S Stillman S 80xW 37-6. Gust Angelos to Charles Sartoria and Frank M Weber.....August 29, 1923

Sept. 12, 1923—W WILLARD 94-4½ S Carl 25x102-6. Eric Larson to whom it may concern..Sept. 12, '23

Sept. 12, 1923—W THIRTY-FIFTH Ave 100, 125 and 150 S Taraval S 25x120. Parkside Realty Co of S. F. to whom it may concern.....Sept. 11, 1923

Sept. 12, 1923—W MISSION 60 S 21st S 25xW 92-6. Leo Gillig to Schultz Constr Co....Sept. —, 1923

Sept. 12, 1923—N MISSION AND Fremont NE 137-6xNW 137-6. Josephine C McCormick, Isabelle and Beatrice Cebrian, Maria C de F de Caleya to Sibley Grading & Teaming Co. .....Sept. 4, 1923

Sept. 12, 1923—S CHESTNUT 80 E Gough E 25x120. Alice M and Charles P Murphy to O M Oyen.....August 31, 1923

Sept. 12, 1923—SE CHESTNUT AND Octavia E 30xS 57-6. Alfred E Hind to whom it may concern.....Sept. 11, 1923

Sept. 12, 1923—N CABRILLO 32-6 E Seventeenth Ave N 85xE 25. Victor Zullmes to whom it may concern.....Sept. 12, 1923

Sept. 12, 1923—W LONDON 25 S Brazil Ave W 75xS 25. Harry R Painton to whom it may concern..—

Sept. 12, 1923—NE ANZA AND Twelfth Ave N 25xE 82-6. Ernest V Chevesich to W R Lindeman.....Sept. 12, 1923

Sept. 12, 1923—E CURTIS 450 N Morse. E J Hargrave to whom it may concern.....Sept. 12, 1923

Sept. 12, 1923—S BALBOA 82-6 E Twenty-ninth Ave 25x100. Charles Blake to whom it may concern.....Sept. 12, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Sept. 6, 1923—W GUERRERO 69-4 S Duncan W 90 S 15-8 W 27 S 29 E 117 N 44-8. Golden Gate Building Materials Co vs Cornelius F Collonan and W P King Co.....$503.65

Sept. 6, 1923—W NINEETENTH AVE 25 N Ortega W 100 N 25 E 100 to beg. M G Peek vs M Brown and wife.....$100

Sept. 12, 1923—W FRANKLIN 62-6 S Chestnut S 25xW 100. Pioneer Plate & Window Glass Co vs Lillie S Risdon and Chas Delmarter..$95 50

Sept. 12, 1923—W FRANKLIN 62-6 S Chestnut S 25xW 100. Uhl Brothers vs C D Delmarter and Mrs Lillie Risdon $38.48

Sept. 12, 1923—NE GEARY AND Thirty-fifth Ave E 32-6 N 100 W 32-6 S to beg. Uhl Bros vs C D Delmarter and F J Povey.....$39.50

Sept 12, 1923—W FRANKLIN 62-6 S Chestnut S 25xW 100. Richards Hardwood Lumber Co vs C D Delmarter and Mrs Lillie Risdon.$102.50

Sept. 12, 1923—NW BUSH AND VAN Ness Ave N 60xW 100. Leonard Lumber Co vs A L Stone and P E Blalach $29.60

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Sept. 11, 1923—W TWENTY-THIRD Ave 175 N Ulloa N 50xW 120. Golden Gate Bldg Materials Co to Arvid Halsen, John Sioblom and W P King & Co.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Sept. 12, 1923—NW MARKET 55-0⅞ NE Waller. Isidor Weinstein as to improvements on property.....

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Sept. 11, 1923—CONTRACT FILED August 2, 1923. S F Berg and Dora F Lewis and Est H C Lewis wits H C Lewis.....

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Sept. 7, 1923—E EIGHTEENTH AV 275 N Balboa N 25xE 120. Gertrude M and Peter A Reimus with Geo M Merritt. Work ceased.....July 31, 1923

BUILDING CONTRACTS

ALAMEDA COUNTY

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4119	Dock	Peterson	3500
4120	Goranson	Owner	4200
4121	MacGregor	Owner	6000
4122	Schmidt	Owner	1000
4123	Kennedy	Longhery	3180
4124	Appleton	Mallanen	5000
4125	Queirolo	Sullivan	3420
4126	Merlino	Hamilton	22000
4127	Alnew	Dutra	3000
4128	Anderson	Foss	4000
4129	Rinehart	Scott	9500
4130	Malley	Owner	5000
4131	Alameda	Owner	5500
4132	Pearce	Lucas	5000
4133	Wlsman	Greuner	5000
4134	Berg	Owner	4000
4135	Hansen	Owner	1750
4136	Lewis	Schmidt	6000
4137	Repple	Owner	4000
4138	Sullivan	Owner	3000
4139	Clarke	Owner	4400
4140	Pilloti	Owner	2500
4141	Oswald	Johnson	6000
4142	Baker	Owner	5000
4143	Nicholson	Owner	5000
4144	Sutherland	Owner	2600
4145	Mather	Andrews	2500
4146	Stahl	Owner	5000
4147	Saroni	Pond	19200
4148	Cole	Owner	2000

4149	Glantz	Owner	4000
4150	Dahl	Owner	3000
4151	Dahl	Owner	3000
4152	Dunwoody	Owner	2600
4153	Wright	Owner	3000
4154	Alameda	Owner	1000
4155	Michele	Armelen	3800
4156	Digerness	Owner	3750
4157	Pfrang	Owner	4000
4158	McCarter	Owner	6000
4159	McCarter	Owner	3000
4160	Hassler	Littlefield	8000
4161	Hillen	Owner	9000
4162	Stolte	Owner	2950
4163	Craig	Owner	3500
4164	Leaborg	Lindquist	3800
4165	Eike	Haglund	2000
4166	Fruitvale	Cuthbertson	15668
4167	Jensen	Owner	3500
4168	Littlepage	Owner	3000
4169	Cal Subd Co	Gettys	1000
4170	Pfrang	Owner	4000
4171	Fisher	Campbell	3500
4172	Preble	Owner	9000
4173	Dieth	Legault	11000
4174	Buzzone	Scott	21400
4175	Orton	Owner	4000
4176	Wellington	Hauri	1400
4177	Gillin	Redpath	1100
4178	Pickrell	Owner	2000
4179	Brinkman	Hehel	3000
4180	Omo	Owner	1000
4181	Griffith	Same	3200
4182	Kinney	Owner	8000
4183	Union	Owner	3100
4184	Rowe	Owner	5150
4185	Kitchen	Martin	1750
4186	Heath	Wiston	4400
4187	Evans	Robertz	5500
4188	Frederick	Vallery	3(50
4189	Roth	Winther	2650
4190	White	Estey	3878
4191	Baker	Doell	4965
4192	White	Estey	3878
4193	Newman	Thompson	7000
4194	Machade	Offe	3000
4195	Whitland	Sterne	1800
4196	Dons	Shrehlow	3600
4197	Seagren	Owner	4000
4198	Perry	Owner	2500
4199	Durham	Murdock	1100
4200	McGregor	Owner	4250
4201	MacGregor	Owner	7200
4202	MacGregor	Owner	14,400
4203	Independent	Turner	5800
4204	Locke	Owner	3000
4205	Hedeen	Owner	3500
4206	Nohle	Owner	4000
4206	Tuanmire	Beauhcamp	2000
4208	Murrin	Dashiell	1900
4209	Roberts	Owner	3000

DWELLING & STORE
(4119) 947-9 DELAWARE, Berkeley. 1-story 4-room dwelling and store.
Owner—Dirk.
Architect—None.
Contractor—J. E. Peterson, 2111 Byron St., Berkeley. $3500

DWELLING
(4120) 1835 YOSEMITE, Berkeley. 1-story 6-room dwelling.
Owner—H. Goranson, 3476 Laguna Ave. Oakland.
Architect—None. $4200

DWELLINGS
(4121) 3022 LEE ST. & 1532 BLAKE St., Berkeley. 2 1-story 6-rm dwlgs.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $3000 each

GREEN HOUSES
(4122) NW COR. TENTH & JONES Sts., Berkeley. Green houses.
Owner—W. J. Schmidt, 2110 Shattuck Berkeley.
Architect—None. $1000

DWELLING
(4123) 1536 TYLER, Berkeley. 1-story 5-room dwelling.
Owner—Mrs. Kenney.
Architect—None.
Contractor—J. F. Loughery, 705 31st St. Oakland. $3180

DWELLING
(4124) 531 SAN FERNANDO, Berkeley 2-story 6-room dwelling.
Owner—W. G. Appleton, 1831 Catalina Berkeley.
Architect—None.
Contractor—O. Mailanen. $5000

DWELLING
(4125) 1630 STANNAGE, Berkeley. 1-story 4-room dwelling.
Owner—J. Queirolo, 1367 Grant Ave., San Francisco.
Architect—None.
Contractor—H. E. Sullivan, 629 Elm St. El Cerrito. $3420

APTS. & STORES
(4126) SW COR. THIRTY-EIGHTH and Grove Sts., Oakland. 2-story 11 room brick apts. and stores.
Owner—G. Merlino.
Architect—None.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley. $22,000

DWELLING
(4127) SW COR. EIGHTY-SECOND & Rudsdale, Oakland. 1-story 5-room dwelling.
Owner—Antonio Alnew.
Architect—None.
Contractor—A. V. Dutra, 962 55th St., Oakland. $3000

DWELLING
(4128) E FRUITVALE 50 N Bond, Oakland. 1-story 6-room dwelling.
Owner—O. Anderson, 1890 7th St., Oakland.
Architect—None.
Contractor—C. C. Foss, 1242 1st Ave., Oakland. $4000

DWELLING
(4129) SW COR. CLEVELAND AND Spruce, Oakland. 2-story 9-room dwelling.
Owner—Mrs. W. B. Rinehart, 1252 7th Ave., Oakland.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $9500

DWELLING
(4130) S OCEAN VIEW DRIVE 300 E Broadway, Oakland. 1-story 6-room dwelling.
Owner—F. T. Malley, 900 Lakeshore Av Oakland.
Architect—None. $5000

DWELLINGS
(4131) SW COR. MAPLE & MADELine.
W MAPLE 40-80 S Madeline, Oakland. 3 1-story 5-room dwellings.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None. $2750 each

DWELLING
(4132) E HEARN ST. 150 S Chabot Rd Oakland. 1-story 5-room dwelling.
Owner—Owen Pearce, 2201 Ashby Ave. Berkeley.
Architect—None.
Contractor—L. L. Lucas, 2201 Ashby Av Berkeleq. $5000

DWELLING
(4133) W KENMORE 50 S Walla Vista Oakland. 1-story 7-room dwelling.
Owner—L. Ulsman, 178 Grand Ave., Oakland.
Architect—None.
Contractor—W. Greuner, 178 Grand Av. Oakland. $5000

DWELLING
(4134) S GALVIN ST. 150 W Everett, Oakland. 1-story 5-room dwelling.
Owner—Ed. Berg, 836 50th St., Oakland.
Architect—None. $4000

DWELLING
(4135) 570 APGAR, Oakland. 1-story 3-room dwelling.
Owner—A. Hanson, premises.
Architect—None. $1750

STUDIO
(4136) S BROADWAY TERRACE 183 E Bdwy. Oakland. 1-story 6-room frame studio.

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Owner — Philip Lewis, Central Bank Bldg., Oakland.
Architect—None.
Contractor—E. H. Schmidt, 2237 E-19th St., Oakland. $6000

DWELLING
(4137) NE COR. SIXTY-SECOND AND Avenal Aves., Oakland. 1-story 6-room dwelling.
Owner—Wm. S. Kepple, 2619 62nd Ave. Oakland.
Architect—None. $4000

DWELLING
(4138) E SIXTY-SIXTH AVE. 579 N E-14th St., Oakland. 1-story 4-rm. dwelling.
Owner—C. J. Sullivan, 1500 78th Ave., Oakland.
Architect—None. $3000

DWELLING
(4139) N BISSEL 530 & 560 W 73rd Av Oakland. 2 1-story 4-room dwlgs.
Owner—F. E. Clarke, 1st Natl. Bank Bldg., Oakland.
Architect—None. $2200 ea

DWELLING
(4140) 9630 DERBY ST., Oakland. 1-story 5-room dwelling.
Owner—V. Pilloti, 8618 A St., Oakland
Architect—None. $2500

DWLG. & STORE
(4141) 5212 E-FOURTEENTH STREET Oakland. 2-story 5-room dwelling and store.
Owner—John Oswald, premises.
Architect—None.
Contractor—P. Johnson, 629 18th St., Oakland. $6000

DWELLING
(4142) S BATES RD. 250 W Holman Rd., Oakland. 1-story 5-room dwlg.
Owner — W. J. Baker, 2255 Ransome Ave., Oakland.
Archtiect—None. $5000

DWELLING
(4143) NO. 1745 MADERA, Berkeley. One-story 6-room dwelling.
Owner—C. H. Nicholson, 461 9th St., Richmond.
Architect—None. $5000

DWELLING
(4144) NO. 1306 VIRGINIA, Berkeley. One-story 4-room dwelling.
Owner—Jas. L. Sutherland, 1720 Delaware St., Berkeley.
Architect—None. $2600

DWELLING
(4145) 3856 DALE PLACE, Oakland. 1-story 4-room dwelling.
Owner—H. C. Mather, 4082 Bayo St., Oakland.
Architect—None.
Contractor—Andrews & Hagen. $2500

DWELLING
(4146) 842 CREED RD., Oakland. 1-story 6-room dwelling.
Owner—Stahl Bros., Central Bank Bldg Oakland.
Architect—None. $5000

DWELLINGS
(4147) 2119, 2157, 2126, 2132 Sixty-sixth Ave. and 1950, 2000 Sixty-eighth Ave., Oakland. 6 1-story 5-room dwellings.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond. $3200 ea

DWELLING
(4148) W SEVENTY-SECOND AVE. 200 N Naomi Way, Oakland. 1-story 5-room dwelling.
Owner—F. J. Cole.
Architect—None. $2000

DWELLING
(4149) 5307 WENTWORTH AV., Oakland. 1-story 6-room dwelling.
Owner—C. W. Glantz.
Architect—None. $4000

DWELLING
(4150) 2632 NINETEENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Edwin W. Dahl, 2435 E-24th St., Oakland.
Architect—None. $3000

DWELLING
(4151) 1919 E - TWENTY-SEVENTH St., Oakland. 1-story 5-room dwlg.
Owner—E. D. Dahl, 2435 E-24th St., Oakland.
Architect—None. $3000

DWELLING
(4152) 3316 FOURTEENTH AVE Oakland. 1-story 4-room dwelling.
Owner—A. Dunwoody, 1803 98th Ave., Oakland.
Architect—None. $2600

DWELLING
(4153) W THIRTY-EIGHTH AVE. 577 N E-14th St., Oakland. 1-story 5-room dwelling.
Owner—Geo. W. Wright, 2922 Boehmer St., Oakland.
Architect—None. $3000

DWELLING
(4154) S GREELY DR. 125 E Circle Hill, Oakland. 1-story 3-room dwlg.
Owner—M. Alameda.
Architect—None. $1000

DWELLING
(4155) 4526 MARKET ST., Oakland. 1-story 5-room dwelling.
Owner—W. Michele.
Architect—None.
Contractor—J. Aimelin, 896 45th St., Oakland. $3800

DWELLING
(4156) 1624 AUSEON AVE., Oakland. 1-story 5-room dwelling.
Owner—J. Digerness & Son, 1711 Sherman St., Alameda.
Architect—None. $3750

DWELLING
(4157) S ROCKRIDGE BLVD. 85 E Park Place, Oakland. 1-story 5-rm. dwelling.
Owner—L. G. Pfrang, 5 Park Place, Oakland.
Architect—None. $4000

DWELLINGS
(4158) N PENNIMAN 333 & 662 E-35th Ave., Oakland. 2 1-story 5-room dwellings.
Owner—H. T. McCarter.
Architect—None. $3000 ea

DWELLING
(3159) NE COR. THIRTY-FIFTH & Penniman Ave., Oakland. 1-story 5-room dwelling.
Owner—H. T. McCarter, 2551 60th Ave., Oakland.
Architect—None. $3000

STORES & HALL
(4160) W BROADWAY NEAR NINETEENTH St., Oakland. 2-story concrete stores and hall.
Owner—J. F. Hassler, Central Bank Bldg., Oakland.
Architect—Schirmer Bugbee Co., Thayer Bldg., Oakland.
Contractor—R. W. Littlefield, 357 12th St., Oakland. $80,000

DWELLING
(4161) NW BROOKDALE AND FOOTHILL Blvd., Oakland. One-story 9-room dwelling (3 family).
Owner—R. C. Hillen, 5364 Trask St., Oakland
Architect—None. $9000

DWELLING
(4162) N SYLVAN AVE 240 E Maple Ave., Oakland. One-story 4-room dwelling.
Owner—F. C. Stolte, 3455 Laguna Ave., Oakland.
Architect—None. $2950

DWELLING
(4163) N CHABOT ROAD 50 W Hearn Oakland. One-story 5-room dwlg.
Owner—Wm. Craig, 609 35th St., Oakland.
Architect—None. $3500

ALTERATIONS
(4164) NO. 1720 LINDEN ST., Oakland After apartments.
Owner—Chas. W. Leaborg.
Architect—None.
Contractor—E. Lindquist, 1358 E-28th St., Oakland. $3800

DWELLING
(4165) NO. 3901 SHAFTER AVE., Oakland. One-story 4-room dwlg.
Owner—Chas. Eike.
Architect—None.
Contractor—O. Haglund, 2027 Linden St., Oakland. $2000

CHURCH
(4166) E FRUITVALE AVE 772.85 S Foothill Blvd S 80 E 165 N 120 W 40 S 40 W 125. Oakland. All work for church.
Owner—Fruitvale Christian Church, Oakland.
Architect—None.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., Oakland.
Filed Sept. 8, '23. Dated Sept. 7, '23.
Frame up ..... ¼
Brown coated ..... ¼
Completed ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $15,668
Bond, $8000. Sureties, J. H. McCallum and F. W. Roth. Limit, Feb. 21, 1924 Forfeit, $5. Plans and specifications filed.

DWELLING
(4167) NO. 2111 ACTON, Berkeley. One-story 5-room dwelling.
Owner—J. Jensen, 782 12th St., Okd.
Architect—None. $3500

DWELLING
(4168) NO. 1149 EUCLID AVE., Berkeley. One-story 5-room dwlg
Owner—J. C. Littlepage, 1463 Brush St., Oakland.
Architect—None. $3000

DWELLINGS
(4169) NO. 1628 AND 1632 EIGHTH St., Berkeley. Two one-story 2-room dwellings.
Owner — California Subdivision Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—W. G. Gettys, $500 each

DWELLING
(4170) NO. 1715 STUART ST., Berkeley. One-story 5-room dwelling
Owner, C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $4000

DWELLING
(4171) NO. 1122 GLEN, Berkeley. One story 5-room dwelling.
Owner—Marie Fisher.
Architect—None.
Contractor—D. Campbell, 2421 Oregon St., Berkeley. $3500

DWELLING.
(4172) NO. 2633 PIEDMONT, Berkeley Two-story 11-room 2-family dwlg.
Owner—H. L. and C. L. Preble, 1710 Arch St., Berkeley.
Architect—None. $9000

STORES & APTS.
(4173) 2708-10-12 FRUITVALE AVE., Oakland. 2-story 14-room stores & apts.
Owner—W. O. Dietle, 2224 23rd Ave., Oakland.
Architect—None.
Contractor—Oliver Legault, 96 Montel Ave., Oakland. $11,000

GARAGE
(4174) SE COR. SEVENTH AND FILBERT St., Oakland. 1 story brick garage.
Owner—Bruzzone & Baree, 7th and Linden, Oakland.
Architect—A. W. Smith, Am. Bank Bldg Oakland.
Contractor—G. A. Scott, 685 23rd St., Oakland. $21,400

DWELLING
(4175) 2721 FIFTY-FIFTH AVE, Oakland. 1-story 5-room dwelling.
Owner—A. E. Orton, 2558 Seminary Ave Oakland.
Architect—None. $4000

GARAGE
(4176) 375 PERKINS, Oakland. Tile garage.
Owner—Wellington Brown, 837 16th St. Oakland.
Architect—None.
Contractor—J. J. Hauri, 822 56th St., Oakland. $1400

ADDITION
(4177) W MONTGOMERY ST. 162 N Mather, Oakland. Addition.
Owner—E. T. Gillin.
Architect—None.
Contractor—Wm. Redpath, 4404 Montgomery St., Oakland. $1100

DWELLING
(4178) S PLYMOUTH 140 E NINETY-second Ave., Oakland. 1-story 4-rm. dwelling.
Owner—J. H. Pickrell, 696 Nevada St., Oakland.
Architect—None. $2000

DWELLING
(4179) 2736 SCHOOL ST., Oakland. 1-story 4-room dwelling.
Owner—Brinkman.
Architect—None.
Contractor—A. Hehel, 4061 Whittle Ave Oakland. $3000

ALTERATION
(4180) 2117 ELEVENTH AVE., Oakland. Alterations.
Owner—Fred Omo, 2128 11th Ave., Oakland.
Architect—None. $1000

DWELLING
(4181) 1466 AUSEON AVE., Oakland. 1-story 4-room dwelling.
Owner—C. N. Griffith, 1323 96th Ave., Oakland.
Architect—None.
Contractor—Griffith & Nickerson, 1323 96th Ave., Oakland. $3200

DWELLING
(4182) 621 & 627 ALCATRAZ, Oakland 2 1-story 6-room dwellings.
Owner—C. H. Kinney, 480 Hardy St., Oakland.
Architect—None. $4000 ea

SERVICE STATION
(4183) SW COR. SIXTY-FIRST AND Grove Sts., Oakland. 1-story steel service station.
Owner—Union Oil Co., Ft. Powell St., Oakland.
Architect—None. $3100

DWELLING
(4184) 549 ROSAL AVE., Oakland. 1-story 6-room dwelling.
Owner—J. R. Rowe, 928 Lafayette St., Oakland.
Architect—None. $5150

ALTERATION
(4185) NE COR. FORTY-EIGHTH & Webster Sts., Oakland. Alteration.
Owner—Wm. Kitchen, premises.
Architect—None.
Contractor—Martin & Martin, 416 48th St., Oakland. $1750

DWELLING
(4186) E EDITH ST. 340 N Moraga Rd Oakland, 1-story 5-room dwelling.
Owner—Geo. Heath, 982 57th St., Oakland.
Architect—None.
Contractor—J. O. Wiston, 1731 Dwight Way, Berkeley. $4400

DWELLING
(4187) 1721 SEVENTY-THIRD AVE., Oakland. 1-story 2-room dwelling.
Owner—Wm. Evans, 1362 Peralta St., Oakland.
Architect—None.
Contractor—A. Roberts, San Leandro. $5500

DWELLING
(4188) 3112 ARIZONA ST., Oakland. 1-story 6-room dwelling.
Owner—R. E. Federick.
Architect—None.
Contractor—H. L. Valleroy, 3636 Maple Ave., Oakland. $3750

DWELLING
(4189) LOCKWOOD 210 NE 73rd Ave., Oakland. 1-story 5-room dwelling.
Owner—Albert & Annie Roth, Oakland.
Architect—None.
Contractor—Victor Winther.
Filed Sept. 11, 1923. Dated Sept. 8, 1923.
Roof boarded ..... ¼
Brown coated ..... ¼
Plastered ..... ¼
5 days after ..... ¼
TOTAL COST, $2656
Bond. Sureties, Forfeit none; Limit, 90 days after Sept. 15; Plans and specifications filed.

DWELLING
(4190) LOT 10 BLK 1 MERIMONTE Tract, Berkeley. 1-sto frame dwlg. and concrete garage.
Owner—Gertrude White, 614 Delta St., San Francisco.
Architect—None.
Contractor—G. F. Estey & Son, Berk.
Filed Sept. 11, 1923. Dated Sept. 7, 1923.
Frame up ..... ¼
Plastered ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3878
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

PLUMBING ETC.
(4191) N SEVENTEENTH ST. 100 W Telegraph Ave. W 75 N 108, Oakland. Plumbing and steam fitting hot water installation, etc. for restaurant.

Owner—H. Lorenzen & A. T. Baker.
Architect—A. Reinhold Denke.
Contractor—Carl T. Doell.
Filed Sept. 11, 1923. Dated Sept. 11, 1923.
Roughed in $1000
Completed and accepted..... 2723.75
Usual 35 days 1241.25
TOTAL COST, $4965
Bond, Sureties, Forfeit, none; Limit, as soon as possible. Plans and specifications filed.

DWELLING
(4192) NO. 1331 McGEE, Berkeley. One-story 5-room dwelling.
Owner—Gertrude White, 1717 Webster St., Oakland.
Architect—None.
Contractor—G. F. Estey & Son, 1815 Hearst Ave., Berkeley. $3878

DWELLINGS
(4193) NO. 2752 AND 2754 MATHEWS, Berkeley. Two one-story 5-room dwellings.
Owner—Wm. A. Newman, 1428 Shrader St., San Francisco.
Architect—None.
Contractor—H. J. Thompson, 878 Cedar St., Alameda. $3500 each

DWELLING
(4194) NO. 1124 DELAWARE, Berkeley. One-story 5-room dwlg.
Owner—Joe Machado, 1122 Delaware St., Berkeley.
Architect—None.
Contractor—F. Offie, 1025 Hearst Ave., Berkeley. $3000

ALTERATIONS
(4195) NO. 1921-23 SHATTUCK AVE., Berkeley. Alterations.
Owner—J. A. Whitland, 1919 Shattuck Ave., Beerkeley.
Architect—None.
Contractor—G. H. Sterne, 1919 Shattuck Ave., Berkeley. $1800

GRAND STAND
(4196) E OAK ST., Bet. 12th and Lake St., Oakland. Grand stand.
Owner—Dons of Peralta.
Architect—None.
Contractor—R. C. Strehlow, Encinal & Webster, Alameda. $3600

DWELLING
(4197) 2775 TWENTY-SIXTH AVE., Oakland. 1-story 6-room dwelling.
Owner—F. A. Seagren, 2015 Fruitvale Ave., Oakland.
Architect—None. $4000

DWELLING
(4198) 10715 PIPPIN ST., Oakland. 1-story 4-room dwelling.
Owner—August Perry, 1729 88th Ave., Oakland.
Architect—None. $2500

FRAME
(4199) 703 SEVENTH STREET, Oakland. Steel tank frame.
Owner—Durham Farm Creamery, prem.
Architect—None.
Contractor—L. W. Murdock, 354 12th St., Oakland. $1000

DWELLING
(4200) 4326 MARKET ST., Oakland. 1-story 6-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $4250

DWELLINGS
(4201) 4314 4320 MARKET ST., Oakland. 2 1-story 5-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $3600 ea.

DWELLINGS
(4202) 887 889 891 893 FORTY-SEVENTH St., Oakland. 4 1-story 5-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $3600 each

TOWER
(4203) E PERALTA ST. bet. 20th and 21st Sts., Oakland. Tank tower.
Owner—Independent Paper Stock Co., premises.
Architect—None.
Contractor—Turner Co., 272 Natoma St. San Francisco. $5800

DWELLING
(4204) 3401 THIRTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—W. H. Locke, 3811 Quigley St., Oakland.
Architect—None. $3000

DWELLING
(4205) 1321 E-THIRTY-SIXTH ST., Oakland. 1-story 5-room dwelling.
Owner—O. Hedeen, 1639 21st Ave., Oakland.
Architect—None.
DWELLING $3500
(4206) 5775 ADELINE ST., Oakland. 1-story 5-room dwelling.
Owner—G. H. Noble, 1336 Park St., Ala.
Architect—None. $4000

DWELLING
(4207) W SEVENTY-FIFTH AVE. 200 S Foothill Blvd., Oakland. 1-story 5-room dwelling.
Owner—E. E. Turnmire, 7401 Foothill Blvd., Oakland.
Architect—None.
Contractor—T. Beauchamp, 6800 Outlook Ave., Oakland. $2000

DWELLING
(4208) S ORION ST. 175 E Seminary Ave., Oakland. 1-story 4-room dwlg
Owner—B. F. Murvin, 1601 54th Ave., Oakland.
Architect—None.
Contractor—E. L. Dashiell, 1666 67th Ave., Oakland. $1900

DWELLING
(4209) S SPRING ST. 445 E Adeline, Oakland. 1-story 5-room dwelling.
Owner—J. W. Roberts, 830 36th St., Oakland.
Architect—None. $3000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Sept. 6, 1923—U. C. GROUNDS, Berkeley. Regents of U. C. to W G McGinty & Sons.....Aug. 17, 1923
Sept. 6, 1923—LOTS 8, 7 and 6 and S 5 Lot 5 Blk 2, Map Allendale Tract, Oakland. Sam Nielsen to J B Peterson .....Sept. 5, 1923
Sept. 6, 1923—LOTS 31 AND 32 BLK 9, Map Las Palmas on the Boulevard, Oakland. E Crokaerts to S J Pearson.....Sept. 4, 1923
Sept. 6, 1923—SE BLAIR AVE 63.1 SW El Cerrito Ave SW 63.4 SE 50.54 NE 62.725 NW to pt beg, Piedmont. F J Thelle to whom it may concern.....Sept. 6, 1923
Sept. 6, 1923—EIGHTEENTH AND Peralta, Oakland. S P. Co to Hutchinson Co.....Aug. 27, 1923
Sept. 6, 1923—LOT 46 AND NE ½ Lot 47 Blk 74 Map Lots in Brooklyn, Oakland. J Digerness to whom it may concern.....Sept. 5, 1923
Sept. 6, 1923—NW NINTH AVE 50 NE E-24th NE 50 NW 100, Oakland. Clarence K Nichols to whom it may concern.....Sept. 3, 1923
Sept. 6, 1923—E 19.67 LOT 12 and W 25 Lot 13 Blk 18, Map Blocks 17, 18 and 19, Thousand Oaks, Berkeley. F L Woodburn to whom it may concern.....Sept. 1, 1923
Sept. 7, 1923—TENTH ST. near Parker St., Berkeley. S. P. Co. to Hutchinson Co .....Aug. 28, 1923
Sept. 7, 1923—OVERLAND AVE nr 63rd Ave., Emeryville. S P Co to Hutchinson Co.....Aug. 28, 1923
Sept. 7, 1923—LOT 6 Map Santa Fe Tract No. 16, Oakland. E Vezzani to M E Valente.....Sept. 7, 1923
Sept. 7, 1923—SW FIFTH AND Pacific 150x125, Alameda. Jessie P Pond Co to Howard W Williford.....August 1, 1923

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Sept. 7, 1923—NW SANTA CLARA Ave and High St., Alameda. Philip & Leo Gardner to Harry C Knight .....August 31, 1923
Sept. 6, 1923—NE SIXTY-FIFTH & Whitney, Oakland. William G Torchia to Brooks Parker.....Sept. 5, 1923
Sept. 8, 1923—LOT 7 and W ½ Lot 8 Blk 14, Hollywood Addition, Oakland. G H Blasingame to whom it may concern.....July 30, 1923
Sept. 8, 1923—NW SECOND AVE 35 NE E-15th NE 65 NW 55 SW 71 SE 82, Oakland. Geo P Mann to whom it may concern.....Aug. 29, 1923
Sept. 8, 1923—LOT 25 BLK "B" Central Terrace, Oakland. Jennie Matheyer to L B Matheyer & Co.. .....August 31, 1923
Sept. 7, 1923—S THIRTEENTH 60 W Franklin W 40xS 100, Oakland. Tribune Building Co to Schuler & McDonald (2 acceptances)..... .....August 31, 1923
Sept. 7, 1923—LOTS 6 AND 7 BLK "E" Map Suburban Tract, Berkeley. John I and Julia S Vickerson to F W Hambleton.....Sept. 6, 1923
Sept. 11, 1923—LOT 7 BLK "E" Map Piedmont Knoll, —, Olive C Brayton to F R Brayton. Aug. 22, 1923
Sept. 11, 1923—NO. 1814 VICKSBURG Ave., Oakland. Henry L DeLeat to H T McCarter.....Sept. 4, 1923
Sept. 11, 1923—NO. 4300-2 BOND ST. Oakland. Henry L De Leat to H T McCarter.....Sept. 4, 1923
Sept. 11, 1923—LOT 1 BLK 8 Map Havenscourt, Oakland. J Casson to Jos Flittner.....Sept. 8, 1923
Sept. 11, 1923—NO. 480 PRINCE ST. Oakland. Edwin A Hemenway to whom it may concern..Sept. 11, 1923
Sept. 11, 1923—W RICARDO AVE 120 S Arroyo Ave., Piedmont. J E Kennedy to Sommarstron Bros Co .....Sept. 11, 1923
Sept. 11, 1923—NE DERBY ST AND Shattuck Ave., Berkeley. C McCarron to Walter Murch. Sept. 6, 1923
Sept. 11, 1923—W 42 LOT 20 and E 30 Lot 21 Blk "A" Golden Gate Homestead, Berkeley. E C Marlave to J P Wood.....Sept. 8, 1923
Sept. 11, 1923—LOT 22 BLK 'A" Revised Map Claremont Ave Tract, Oakland. Myrtle A Fuller to R C Woodburn.....Sept. 11, 1923
Sept. 12, 1923—LOT 7 BLK 1 Map Cragmont, Berkeley. Jas C Stirton to H H Gastman...Sept. 11, 1923
Sept. 12, 1923—LOT 4 BLK "K" Excelsior Heights, Oakland. John Waltman to Alex C Wieben.... .....August 31, 1923
Sept. 12, 1923—LOT 7 BLK 8 Map Shaw Tract Blks 4, 6, 7, 8 and 9, Berkeley. M P Graves to whom it may concern.....
Sept. 12, 1923—SE FOOTHILL BLVD and Seminary Ave, Oakland. E F Lane to Marshall & Burks..... .....Sept. 12, 1923
Sept. 12, 1923—LOT 7 BLK 74 on S E-Twenty-third 200 E Twenty-first Ave, Oakland. Charles Gustaf Bewall to Charles W Falk..... .....Sept. 7, 1923
Sept. 12, 1923—U. C. GROUNDS, Berkeley. Regents of U. C. to West Coast Constr Co.....Sept. 4, 1923
Sept. 12, 1923—NO. 29 ESTRELLA Ave., Piedmont. Albert H Trathen to Joseph Parker & Son..... .....Sept. 1, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Accepted

Sept. 6, 1923—NE DURANT & HOLLISTER, San Leandro. F Lindsey Boyd vs S V Davidow and E and R E Neikirk $150
Sept. 6, 1923—N WISCONSIN 200 W Laurel, Oakland. B F Davis vs H L Valleroy, Thomas F and Cynthia Gallagher $109
Sept. 7, 1923—NO. 4121 WOODRUFF Ave, Oakland. Strable Hardwood Co vs Don Edwards and Andrew Fleming $72
Sept. 7, 1923—S E-THIRTY-EIGHTH 30 from Braumont Ave 60x100 being No. 1375, Oakland. Strable Hardwood Co vs Don Edwards & Fred Papworth.....$135 84
Sept. 7, 1923—E 109TH AVE 135 from Bancroft Way 40x101 being No. 2226, Oakland. Strable Hardwood Co vs Don Edwards and Tom McCord $20.56

Sept. 7, 1923—LOT 11 BLK "G" Map Waterside Terrace, Alameda. Tilden Lumber Co vs F J McQuaid, A Lundgren and Guy L Rosebrook.. .....$298.17
Sept. 7, 1923—LOT 8 BLK "F" Montclair Tract, Oakland. Sunset Lumber Co vs M Schoonmaker, A Olson and E H Nelson.....$602.90
Sept. 8, 1923—NW SIXTY-FOURTH Ave 140 NE Avenal Ave NE 35xNW 100, Oakland. L H Bullard vs Esther Alexander & Chas Rogers $16.15
Sept. 11, 1923—Lot44 Map Tuttle. The Glidden Co of Cal. vs Hattie and John Herbert Randelin and B F. Mayhorn $62.75
Sept. 11, 1923—LOT 42 BLK 7 Map Boulevard Park Tract, Oakland. Sunset Lumber Co vs H H Harwood $83.79
Sept. 12, 1923—LOT 48 Greater Oakland Tract No. 1, Oakland. Zenith Mill & Lumber Co vs Walter Bray, Edward and Mary O'Neil....$229.67
Sept. 12, 1923—SW BERKELEY Way and West St. S 206.10 W 145, Berkeley. Sunset Hardware Co vs Browning Preserve Co, Berkeley Fruit Preserving Co.....$732.24
Sept. 12, 1923—LOT 23 BLK 7, Map Hollywood, San Leandro. San Leandro Mill & Lumber Co vs S Victor Davidow and R E Neikirk $115.05
Sept. 12, 1923—LOT 42 BLK 3, Map Hollywood, San Leandro. San Leandro Mill & Lumber Co vs S Victor Davidow and R E Neikirk $160.85
Sept. 12, 1923—LOT 24 BLK 7, Map Hollywood, San Leandro. San Leandro Mill & Lumber Co vs S Victor Davidow and R E Neikirk $86.70
Sept. 12, 1923—LOT 9 BLK 9, Map Hollywood, San Leandro. San Leandro Mill & Lumber Co vs S Victor Davidow and R E Neikirk $218.95

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Sept. 8, 1923—E PIEDMONT AVE 156 N Forty-first N 32.5xE 100, Oakland. Eureka Mill & Lumber Co to J S and Pane Doe Panosian and Fred Peters.....$953.74

Notice of Non-Responsibility

ALAMEDA COUNTY

Sept. 7, 1923—LOTS 33 AND 34 BLK "Q" Amended Map Regents Park, Berkeley. Laura Belle Ayer as to improvements on property.....
Sept. 7, 1923—LOT 18 and SE 12-6 Lot 17 Blk 7 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property .....
Sept. 7, 1923—NE MADELINE 515 SE Maple Ave NE 100 SE 40.42, Oakland. Alameda Investment Co as to improvements on property...
Sept. 7, 1923—LOT 49 Resbdvn Blks A and B Meek Estate Orchards, Hayward. H W Meek Estate,Inc as to improvements on property...
Sept. 6, 1923—NE FIFTY-SIXTH & E Telegraph Ave N 48.40xE 90, Oakland. Catherine, Frederick & Helmuth Gustaf, Edgar Brause, Edith Vestal and Marie Lamp as to improvements on property...
Sept. 7, 1923—PTN LOTS E, F, L, H Map Property Estate Elizabeth Dougherty, deceased. Louis and Bertha Thomsen, C M and Ida T Dougherty, Chas A Gale and Wm H Donahue as to improvements on property .....
Sept. 12, 1923—PT OPP and at L to Engineer Station 121 plus 40 SW 100 NW 40, ——. Southern Pacific Co as to improvements on property

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2500 and Over Reported

ALTERATIONS
EIGHTH ST. AND OAK AVE., Sacramento. All work for alterations to brick building.
Owner—Farmers & Mach.. Bank, 8th St., bet. J and K Sts., Sacramento.
Architect—None.
Contractor—E. R. Zelgerst.
Filed Aug. 31, '23. Dated Aug. 31, '23.
TOTAL COST, $8500

ALTERATIONS
PTN LOT K, L, 11th and 12th, Sacramento. All work for alterations to two exterior walls of office bldg.
Owner—Pacific Gas & Electric Co., 11th and K Sts., Sacramento.
Architect—None.
Contractor—Morgan Paint & Oil Co.
Filed Sept. 1, '23. Dated Aug. 24, 23.
TOTAL COST, $1900

DWELLING, one-story 5-room and garage, $3800; No. 708 San Antonio Way, Sacramento; owner, L. B. Keller, 1008 8th St., Sacramento; contractor, N. H. Baterman, 1627½ 18th St, Sacramento.
DWELLING, one-story 5-room and garage, $3800; No. 648 San Miguel Way, Sacramento; owner, L. B. Keller; contractor, N. H. Baterman.
DWELLING, one-story 5-room and garage, $4800; No. 3330 T St., Sacramento; owner, B. E. Hannah, 2616 P St., Sacramento; contractor, C. H. Chatterton, 2426 F St., Sacto.
DWELLING, one-story 5-room and garage, $3000; No. 2940 21st St, Sacramento; owner, A. F. Terra, 1912 4th St., Sacramento.
STORE building, 1sttory 3-store, $5000 No. 3200 Folsom Blvd., Sacramento Owner, J. C. Carly, 823 J St, Sacramento; contractor, South Curtis Oaks Co., 1749 Stockton Blvd., Sacramento.
DWELLING, two-story 6-room and garage, $6500; No. 2641 6th Ave., Sacramento; owner, Carly Co.

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Aug. 31, 1923—N ½ of E ½ LOT 4, D, E, 23rd and 24th Sts., Sacramento. Henry Sieferman vs Frank Drake, C Valine et al.....$135

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Sept. 6, 1923—PTN SEC. 212 N 6 E Containing 6 Acres, Stockton. Henry A Neumann to Frank Ernst .....June 11, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Sept. 7, 1923—E ½ LOTS 14 & 16 S 100 ft. lot 20 except E 25.4 feet thereof, all in block 2 Lane's Addition, Stockton. Walter E. Zerweck vs. L. D. Johnson & Ed Stene....$117

BUILDING CONTRACTS

FRESNO COUNTY

$5000 and Over Reported

WAREHOUSE, $4800; No. 1147 Van Ness Ave., Fresno; owner, Wm. Shaw, 2747 Fresno St., Fresno; contractor, Conan & Mitchell.
DWELLING, $5000; No. 707 Vassar St., Fresno; owner, W. H. Kuhlke, 2230 N-Van Ness Ave., Fresno.
STORES, $17,600; 1522-24 Kern St., Fresno; owner, J. Scheid; contractor, F. J. Stone, Mason Bldg Fresno

COMPLETION NOTICES

FRESNO COUNTY

Recorded Amount
Sept. 5, 1923—CROSSING IN SELMA. S. P. Co. to Cal. Cons. Co..Aug. 28, '23
Sept. 6, 1923—LOT 6 BLK 7 ALTA Vista Tract, Fresno. Alfred Anderson to whom it may concern.....
.....Sept. 5, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
Sept. 6, 1923—E 25 FT LOT 11 W 25 ft lot 12, blk 10, Wilson N F Tract Smith Hdwe. Co. vs. J. C. Clark & Helen M. Jones.....$11
Sept. 5, 1923—E 25 FT LOT 11 W 25 ft lot 12 blk 10 Wilson N F Tract, Fresno. Ed Koch vs Helen Jones & J. C. Clark $190
Lumber vs Same $25
Sept. 5, 1923—SAME. H. G. Shirley vs Same $121
Sept. 5, 1923—SAME. Barrett-Hicks Co. vs Same $16

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT 4 BLK H EL CERRITO PARK Map No. 3. All work for 2-story residence.
Owner — Harry T. Blockwood, 3746 Jackson St. San Francisco.
ArchitectLouis P. Hobart, Crocker Bldg San Francisco.
Contractor—Lawton & Vezey, Oakland.
Filed Sept. 4, 1923. Dated Aug. 30, 1923.

Sheated	$6751.50
Browned	6751.50
Completed	6751.50
Usual 35 days	6751.50
TOTAL COST,	$27,006

Bond, $13,503; Sureties, Wm. Makin & C. E. Reinhart; Forfeit, $—; Limit, 125 wk. days; Plans and specifications filed.

STORE BLDG.
LOT 1 WEST BELMONT, Belmont. All work for store building.
Owner—Geo. P. and Catherine Adams.
Architect—..one.
Contractor—C. E. McDonald, 1461 Cortez Ave., Burlingame.
Filed Sept. 8, '23. Dated Sept. 4, '23

Roof on	$500
Plastered	500
Completed	420
TOTAL COST,	$1420

Bond, none. Limit, 5 working days. Forfeit, plans and specifications, none.

BUNGALOW
LOT 5 BLK 9, Burlingame Terrace, Burlingame. All work for one-story frame bungalow and garage.
Owner—A. W. and Mable Dunn.
Architect—None.
Contractor—O. L. Cavanaugh, 256 State St., San Mateo.
Filed Sept. 6, '23. Dated 9ug. 27, '23.

Frame up	$1632.50
Plastered	1632.50
Completed	1632.50
Usual 35 days	1632.50
TOTAL COST,	$6530.00

Bond, none. Limit, 70 working days. Forfeit, plans and specifications, none.

RESIDENCE
NW MARSHALL AND WEBSTER STS., Redwood City. All work for two-story residence.
Owner—H. W. Schalberg, 90 Broadway, Redwood City.
Architect—Alfred I. Coffey, Humboldt Bank Bldk., San Francisco.
Contractor — Joseph Schneider, San Carlos, Calif.
Filed Sept. 7, '23. Dated Sept. 5, '23.

Rafters up	$1280
Brown coated	1285
Inside finished	1285
Completed	1285
Usual 35 days	1750
TOTAL COST,	$6850

Bond, none. Limit, 90 working days. Forfeit, $5. Plans and specifications filed.

BUNGALOW and garage, $6500; Lot 6 Blk 10 Blgme Terrace Oak Grove Ave., Burlingame; owner, A. W. Damn; contractor, O. L. Cavanaugh, 256 State St., Burlingame.
BUNGALOW and garage, $5500; Lot 6 Blk 34 Easton 2 Drake Ave., Burlingame; owner, B. Torello.

OTTAGE, 4-story, $3500; 130 N 8th, San Jose; owner, C. F. Walters; contractor, J. W. Howard, San Jose.
OTTAGE, 4-room, $3000; 11th and Washington, San Jose; owner, H. E. Smith, Blk S, J Bldg., San Jose.
OTTAGE, 5-room, $5000; Fifth near Julian, San Jose; owner, J. Abraria, 624 N 4th, San Jose; architect, C. S. McKenzie, Bank of San Jose Bldg., San Jose; contractor, S. De Cola, 511 E Empire, San Jose.
OTTAGE, 5-room, $3500; Humboldt near Rose, San Jose; owner, Jerome Garcia, 1052 S 1st, San Jose.
OTTAGE, 5-room, $5000; 13th near Sta Clara, San Jose; owner, Aug. Kaiser; architect, H. Nelson.
LTERATION, $1000; 21st near 21st, San Jose; owner, L. J. Belknap, G. C. Sanitarium.

COMPLETION NOTICES

SAN MATEO COUNTY

ecorded Accepted
ug. 31, 1923—S 50 LOTS 35 36 37 Husing Addition, San Mateo City Homestead. H. N. & Isabel Walden to whom it may concern.....Aug. 30, 1923
ug. 31, 1923—LOT 39 BLK 49 EASton Add. No. 4, Burlingame. Harry C. and R. S. Browne to whom it may concern .....Aug. 29, 1923
ug. 31, 1923—LOT 24 BLK 9 EASton No. 1 Burlingame. Granville & Etta B. Savage to J. E. Bale.....Aug. 29, 1923
pt. 1, 1923—S ½ LOT 2 BLK 2 Hillsborough. Ashley R. and Caroline J. Forbes to J. F. Turner.....Aug. 28, 1923
pt. 4, 1923—PART LOT 225 SUB 3 San Mateo Park, San Mateo. D. Houle and K. E. Paul to whom it may concern .....Aug. 31, 1923
pt. 4, 1923—LOT 6 & PTN LOT 4 Blk 32 Redwood Highlands, San Mateo, Edward H. and Nellie P. March to George H. Arthur.....Aug. 28, 1923
pt. 4, 1923—LOT 28 BLK J Haywood Park, San Mateo. A. & Evalin Prain to whom it may concern.....Aug. 21, 1923
pt. 4, 1923—PART LOT 161 San Mateo Park No. 2, San Mateo. Mitchell Jackson & Co. to whom it may concern .....Aug. 18, 1923
pt. 4, 1923—PTN LOTS 26 & 27 Blk 118 So. San Francisco. Slebano and Guila Barbetti to whom it mal concern .....
pt. 5, 1923—LOTS 38 & 39 WATHington Park, Atherton. Minnie O. Krust to Ben C. Zimmerman.....Sept. 5, 1923
pt. 5, 1923—LOT 22 BLK 1 EASton, Burlingame. Sydney Brittain to whom it may concern.....Aug. 1, 1923
pt. 5, 1923—LOT 11 BLK 40 EASon No. 3 Burlingame. R. C. & Jessie C. Briggs to John M. Rutherdale .....Aug. 28, 1923
pt. 7, 1923—LOT 18 BLK 37 EASton No. 2, Burlingame. Thomas E. Daley to whom it may concern.....Sept. 6, 1923

Waterhouse And Lester Company Makes Entry Into Machine Tool Field

The Waterhouse & Lester Co., who have been operating on the Pacific Coast since 1851, favorably known as leaders in the Vehicle Supply and Automotive Equipment business, have just recently entered the machine tool field.

They have always been progressive following the trend of the times in the lines they have been handling and the time arrived when it appeared that in order to properly take care of the automotive trade in every detail a complete Machine Tool Department would be necessary.

They accordingly cast about for a proper foundation for this and were very fortunate in being able to take over the best of the lines formerly handled by the Eccles & Smith Company who have discontinued operations in this territory.

Among the prominent Machine Tool Manufacturers they will represent are the Fosdick Machine Tool Co., sensitive, upright and radical drills; Gould & Eberhardt, high duty shapers, automatic gear cutting machines; Heald Machine Company, grinding machines and magnetic chucks; W. B. Knight Machinery Co., milling machines; Landis Machine Co., bolt and pipe threading and cutting machines; R. K. LeBlond Machine Tool Co., lathes, cutter grinders, milling machines; Badger Tool Co., grinding machinery; Beaudry & Company, power hammers; Buffalo Forge Co., blowers, forges, drills, punches, shears; Burt Mfg. Co., oil filters, exhaust heads, ventilators; Cincinnati Electrical Tool Co., portable drills, grinders, buffers; Clizbe Bros. Mfg. Co., grinders and buffers; Colburn Machine Tool Works, boring and turning mills, and heavy duty drill presses; Curtis Pneumatic Machinery Co., air compressors, hoists, trolleys, etc.; T. C. Dill Machine Co., Inc., slotters; International Machine Tool Co., Libby lathes; Reed Prentice Co., small millers; J. M. Robinson Mfg. Co., presses, dies, cornice brakes, etc.; Silver Mfg. Co., band saws, swing saws, jointers; Smith's Inventions, Inc., oxy-acetylene welding and cutting equipment; South Bend Lathe Works, standard and quick-change gear lathes.

For the past few months artisans have been busily at work on their premises at 534 to 548 Howard Street San Francisco, making alterations that will increase the efficiency of their working force and enable them to give prompt and accurate service in all departments.

Foremost among the improvements being made is the addition of a large and up-to-date show room floored with maple, paneled in Vehisote and finished in gray and cream, with the front constructed almost entirely of glass, forming a setting which does justice to the quality of the machines and tools on exhibit.

This room will be open to the public on and after Monday, September 17th, and an invitation is extended to all interested parties to call and inspect it.

The addition of the Machine Tool Department to their already broad lines of Automotive Equipment, Vehicle and Shop Supplies, Top Builders and Trimmers Supplies, Steel Bars and Shapes, places them in position to completely supply the requirements of the large majority of the metal trades shops.

Sept. 7, 1923—LOT 10 A BLK 22 BURlingame. John R. Lindsay to whom it may concern .....Sept. 5, 1923
Sept. 7, 1923—LOT 10 BLK C HIGH School Park, So. San Francisco. Angelo Canziani to Bordieu and Lauchere .....Aug. 30, 1923
Sept. 8, 1923—LOT 4 BLK 7 BURLINgame Grove, Burlingame. Anna J. Marressey by H. H. Putnam, agt. to whom it may concern..Sept. 7, '23

LIENS FILED

SAN MATEO COUNTY.

Recorded Amount
Aug. 31, 1923—W SIDE DRAKE AVE 150 ft. S Hillside Down Then W 150 S 50 E 150 Easton, Burlingame. M. G. Peek vs. H. A. Toy & D. A. Johnson $436.75
Aug. 31, 1923 — SW COR STATE Highway and Floribunda Ave. in Hillsborough. San Mateo Planing Mill vs. John S. Drum et al..$303.12
Aug. 31, 1923 — SW COR. STATE Highway & Floribunda near Hillsborough. John Gibsen vs. John D. Drumm $90.00
Sept. 4, 1923—LOTS 21, 22, 23, 24 and 49 Blk 60, Dumbarton Oaks Tract near Redwood City. Ernest Coolson vs Fred H Somers and John T Carlile $87.50

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, 2000; N Esmond St., bet. 24th & 26th Sts., Richmond; owner, Contra Costa Realty Co., 1001 McDonald Ave., Richmond; contractor, Tandy & Thies, 234 Chanslor Ave., Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street **Phone Sutter 4400**

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., SEPTEMBER 22, 1923

Published Every Saturday
Twenty-third Year No. 38

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

KOEHRING HEAVY DUTY

Remixes Concrete

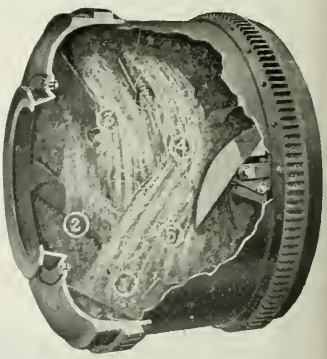
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., SEPTEMBER 22, 1923 — Twenty-third Year No. 38

No. 818 Mission Street.
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

DWELLING & APARTMENT HOUSE CONSTRUCTION LEADS ACTIVITIES

While the present high costs of construction constitute a deterring factor n the building industry, few signs of ny serious falling off in activity are ndicated by the special reports reeived by Dunn's Review. Some exeptions may be noted here and there, out, as a rule, these are confined to gricultural sections where the situaion is adversely affected by local onditions. As a whole, operations are n a larger scale than they were a ear ago, and work already under way s sufficient to maintain activity in he building trades for some months to ome. In nearly all localities the greatr part of the activity consists of welling and apartment house contruction, although a considerable mount of municipal building is in rogress in a number of cities.

Demand for lumber and other buildg materials continues strong and rices on most items are firm. Some ecessions, however, have occurred rently on quotations for lumber. Skilled labor is scarce nearly everyhere, and wages are higher than they ere a year ago. Bricklayers and asterers are receiving $10 to $12 a ay in many cities, and still higher tes are reported in some instances here competitive bidding for workgen has been engaged in by contractrs.

EXPLOSIVE FOR ROAD BUILDING STATES TO GET SURPLUS WAR

Eighteen million pounds of sodatol, a surplus war explosive, will be available for distribution to Federal agencies and the State highway departments about October 1 for use in road construction, according to the Bureau of Public Roads of the United States Department of Agriculture. The supply is also to be drawn on by farmers through State distributing agents for use in land clearing, but it is believed that the supply will be ample to meet all demands.

Sodatol is a high explosive made by mixing together TNT and sodium nitrate and is packed in boxes of 50 pounds each, containing 120 cartridges. Each stick is approximately equal in strength to a stick of 40 per cent dynamite and is used in a similar manner, a No. 6 cap being used as a detonator.

A contract for cartridging has been let to the Du Pont Company and shipment will be begun from Barksdale, Wis., about October 1, and, it is expected, later from Repauno, N. J.; Ashburn, Mo.; Louviers, Colo.; and Du Pont, Wash.

The new supply of explosive is well adapted to road work. It will not freeze at ordinary temperatures, causes no ill effects from handling or open air blasting and is a safe explosive when given the same care as that required for dynamite. It is necessary that it be stored in a dry place.

It is expected that practically all the State highway departments will requisition a supply and that many of them will make available a portion of the supply to local road officials. Distribution for road work will be made only through State highway departments, largely in carload lots on account of high freight rates on lesser amounts. The only expense involved will be the cost of preparing the explosive for shipment and the cost of transportation.

AMERICAN BUILDINGS WITHSTAND JAPANESE EARTHQUAKE

American steel concrete buildings in Tokyo and Yokohama withstood the earthquake shock and are in good condition, according to a cable from Assistant Trade Commissioner G. C. Howard at Kobe. Officials of the Department of Commerce expressed gratification over the first practical demonstration of the effectiveness of the new so-called earthquake-proof factories and office buildings which have been constructed within the past three years. There are about six of these buildings in Tokyo. The fact that this construction has proven earthquake proof is likely to influence favorably the adoption of this type of construction in the future.

The Assistant Trade Commissioner also cables that export as well as import shipments probably must be made via Kobe for sometime. Kobe, on the Inland Sea, is 200 miles outside the devastated area. It is the chief import center of Japan and is surpassed only by Yokohama in export trade.

Henry Rieger, for several years assistant city engineer of Phoenix, Ariz., has been appointed city engineer of that city.

LOWEST BIDDER TERM IS DEFINED BY COURT

The term "lowest responsible bidder," which long has been a perplexity in its actual application to conditions surrounding the making of awards, has been analyzed officially to the degree of forming the subject of a decision by the Pennsylvania supreme court.

As interpreted by the court, this term does not mean the lowest bidder in dollars; "nor does it mean the board may capriciously select a higher bidder regardless of responsibility or cost."

Continuing to outline the dictates of the term, the court says:

"What the law requires is the exercise of an intelligent judgment. Officials should investigate the bidders to learn resources, facilities, judgment and efficiency as builders. This (in this case) was not done.The court below censures the board for omitting this important step, but it holds, inasmuch as they had ample knowledge of the successful bidder and the merit of its work, the contract could be awarded. This might do in private affairs, but will not pass when public funds are at stake; the directors were not bound in law to give the contract to the lowest bidder, who might be irresponsible. They were bound to investigate, and if a bidder measured up to the law's requirements as a responsible party, the board could not capriciously award the contract to another."—American Contractor.

PAINT AND VARNISH PRODUCTION

The Department of Commerce announces that, according to census returns, there was produced during the six-months period January 1 to June 30, 1923, 247,154,400 pounds of paste paints, (comprising white lead in oil, 149,636,700 pounds, zinc oxide in oil, 12,115,110 pounds, and other paste paints, 85,402,600 pounds), 43,710,200 gallons of ready-mixed and semi-paste paints, and 37,882,200 gallons of varnishes, japans and lacquers; an increase of 18.5 per cent in paste paints over the production for the same period of 1922 (first half); 34 per cent in the production of ready-mixed and semi-paste paints; and 41.2 per cent in the production of varnishes, japans and lacquers.

The returns are based upon reports from 441 establishments, of which 136 reported the manufacture of white lead in oil, 148 the manufacture of zinc oxide in oil; 287 the manufacture of other paste paints; 386 the manufacture of ready-mixed paints; and 283 the manufacture of varnishes, japans and lacquers.

The schedule employed included an inquiry in regard to sales, not contained in the schedule used for the semi-annual census of 1922. Information in regard to sales was not, for various reasons, furnished by all establishes; but the production of the establishments reporting sales constitutes 85.8 per cent of the total production of paste paints, 73.5 per cent of the ready-mixed and semi-paste paints, and 80.2 per cent of the varnishes.

Santa Cruz city council contemplates a bond election for $135,000 to finance the paving of Cliff Drive for its entire length, in addition to reconstructing bridges within the city limits

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

A country-wide survey conducted by James B. Carrington, editor of Architecture, was taken as the basis of his prediction that the building situation during the first six months of 1924 will carry on at about its gait up to the spring months, at which time there will be noticeably increased activity. His estimates for 1924 show that of the total expenditure for construction approximately 35 per cent will be placed in residential building, 20 per cent will be placed in educational building, 20 per cent will be placed in public works and utilities, 15 per cent will be placed in business building and 8 per cent will be placed in industrial building.

Without reforestation and at the present rate of cutting, Washington, which for 18 years has led all the states in lumber production will exhaust its timber resources in 85 years, it was predicted in a statement submitted to the forestry committee of the United States Senate, which opened a hearing in Seattle, Sept. 12. The statement, which was put in jointly by the West Coast Lumbermen's Association, the United States forest service and the state of Washington, was declared to be the first authoritative presentation of its subject.

A test structure of the new Ideal hollow wall—the low cost wall developed recently by the whole common brick industry—has come with flying colors through t severe fire test made by the bureau, according to a recent issue of Brick and Clay Record, which states that the structure was specially constructed for the test with Ideal walls, eight inches thick, and the interior filled with discarded wooden furniture. Everything combustible within the building was completely destroyed, but the brick work showed no ill effects whatever.

The Streets & Finance Committees of the San Francisco Board of Supervisors have approved plans of the State Board of Harbor Commissioners for the proposed Embarcadero subway under the railway tracks fronting the Ferry Building. Construction is estimated at $400,000, the cost to be borne as follows: State of California, $200,000; City of San Francisco, $100,000; Municipal Railway System, $50,000 and Market Street Railway Company, $50,000 Bids for construction will be asked shortly by the State Harbor Board.

New state and municipal bond offerings declined still further in August, the total of $53,710,718 comparing with $54,000,000 in July and $168,000,000 in June. The only large offering, an issue of $15,000,000 state of Illinois 4½ per cent soldier bonds, did not sell, no bids acceptable to the state being accepted. Sales of state and municipal bonds in August, 1922, aggregated $83,956,959, and in August 1921, $10,193,625, according to Blyth, Witter & Company.

Claiming that it is often possible to have street improvements done more economically by private contract than by public bid, A. E. Pelton, mayor of San Leandro, expresses opposition to the clause which requires that all city work costing in excess of $300 must be let out to public bid.

It is estimated that orders for fabricated structural steel in August were very nearly if not quite as large as those in July, which were about 50 per cent of the country's shop capacity. For a long time awards were slow and tonnages small, but several large contracts let during the last week of the month swelled the total materiallly and indications now are that August awards aggregated between 120,000 and 125,000 tons.

The De Carie Incinerator Co. of Portland, Ore., will move its plant and equipment to Sacramento where it is proposed to expand the manufacturing end of the business into the building of steam machinery and equipment. The company was recently awarded a contract by the Sacramento City Commissioners to erect a $195,000 garbage incinerator under a recently voted bond issue.

During the first four months of 1923, sawmills, logging, camps, machine shops, foundries, boiler works and blacksmith shops of Washington provided 494,528 more days work and paid out $7,212,757.58 more in wages than these industries did during the same period in 1922. This showing of increased prosperity in the industries of this state is contained in the reports made to Edward Clifford, director of labor and industries.

Periodical survey of housing needs, locality by locality, throughout the Nation is a proposal, advanced for study by the new Department of Commerce Committe on Seasonal Operations in the Construction Industries. Survey from time to time of actual housing, needs and actual vacancies for each locality would enable residential construction to proceed on a more orderly basis than is now possible.

Berg Engineering Corporation has been organized at Bakersfield with a capital stock of $75,000, and will deal in electrical appliances, machinery, automobile, accessories and general business. Principal place of business is Shafter, Kern County. Directors are: C. J. Berg, Shafter; R. J. Dale and A. R. Theile of Bakersfield.

A $10,000,000 project for the erection of dormitories on the University of California campus will occupy the attention of the alumni home-coming at the university November 22 to 24, Robert Sibley of the class of 1903 announces. It is planned to house students living in various sections of the city on the campus.

Sacramento has been awarded sixth prize in the National Better Homes contest conducted in more than 900 American cities during the past Spring, according to word received by Miss Geneva Watson, manager of the Sacramento Building Material Exhibit.

Certified articles of incorporation of the Standard Spray Pump Co., capitalized at $100,000, have been filed at Fairfield, California. The principal place of business is Vacaville. Directors are: Frank T. Costello, Vacaville; J. Garnett Smith, Vacaville and C. F. Humphrey of San Francisco

ALONG THE LINE

Articles of incorporation for the Dumbarton Highway Bridge Corp., capitalized at $2,500,000, have been filed with the Secretary of State. The purpose of the company is to construct a bridge across the southern end of San Francisco Bay, in accordance with a permit recently approved by the U. S. War Department. Directors are: John Llye Harrington, Kansas City, Mo.; Frank K. Towne, Redwood City, Fred H. Drake, San Carlos, P. R. Thompson and Frank C. Drew, San Francisco.

H. W. Stitt, city electrician of Fresno, has left for Reading, Penn., to attend the convention of the National Association of City Electricians. The convention opens Sept. 24 and will continue until the 28th at which the most important topics for discussion will be street lighting, police telegraph and fire alarm systems. A general discussion of inspection work is also programmed.

H. J. Hoffman, for more than ten years superintendent of the Quincy Railroad Company in Plumas county, who resigned September 1st, has been replaced by L. H. Thayer, agent at Quincy since last April. The new superintendent went to the Quincy road from the Sacramento offices of the Western Pacific Railroad.

Joseph H. Stephens, president of the Merchants National Bank of Sacramento, has been appointed a member of the California State Reclamation Board to fill the vacancy caused through the resignation of Peter R. Gadd, Sacramento engineer. Gadd resigned to devote his time to private business.

The Reno, Nevada, City Council contemplates the appointment of a consulting engineer to collaborate with City Engineer Harry Chism on future municipal projects. At the present time the city is completing an extensive program and contemplates a bond issue for sewer construction in various section of the city.

Louis F. Ryan, former deputy county clerk of Fresno county, is slated for the position of deputy commission of Public Safety and Welfare of the city of Fresno. It is expected that Mayor Truman Hart will make the appointment.

The Richfield Oil Company of Los Angeles will expend approximately $200,000 in the construction of a distributing plant in Fresno, according to an announcement of C. M. Fuller, president of the company.

Chas. E Weinrich, Sacramento contractor, died suddenly Sept. 13, while on a business trip in Rocklin. Weinrich was sixty-one years old. A widow three sisters, a son and a daughter survive.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

STOCKTON BUILDERS' EXCHANGE HOLDS SEMI-ANNUAL BANQUET 200 ATTEND

Congratulations to the members of the Stockton Builders' Exchange on the spirit of co-operation which they are showing toward each other was the keynote of the speeches made by the principal speakers at the second semi-annaul at the Exchange club, Stockton, Monday evening, Sept. 17.

Speakers included Newton Rutherford, Stockton attorney; Chas. E. Ashburner, city manager of Stockton and Floyd R. Love, vocational education instructor at the Stockton High School.

The talks followed a menu which was served to about 200 members of the Stockton Exchange and their guests from San Francisco, Oakland and Sacramento.

Attorney Rutherford gave an interesting talk on the law of liens and gave a lucid explanation of the statute as amended by the last Legislature.

Mr. Love of the high school faculty told in an interesting way of the work that is being done at the school in the vocational department and explained the manner in which boys are given a chance to chose the work in life for which they are best fitted. He spoke for the co-operation of the builders, saying that boys could be taught trades at the high school but unless they had an opportunity to work at these trades the knowledge would be of little service to them.

City Manager Ashburner opened his remarks by complimenting the mem- of the exchange on the fine spirit of co-operation that he had observed, and also spoke of the spirit of helpfulness that he had noticed among them. He spoke highly of the idea of educating boys along the lines that they are best fitted to follow as a life's vocation, and decried the modern tendency toward their education for "white collar jobs" and positions for which they are not fitted.

Mr. Ashburner said in the course of his talk that the world is just getting over an eignt-year jag that started in 1914. Things went wild, he said, and he supposed that conditions here were much the same as in other parts of the country, where contractors had little basis to figure on other than to "guess at half and double it."

He promised co-operation with the organization in any effort looking toward more economical construction. "We can only advance," he said, "when there are plenty of homes at resonable cost for those who want to work and live here."

Others who spoke briefly were W. J. Feary of the San Francisco Exchange, Paul F. Cuaningham, H. E. Bettinger, E. W. Shaw of the Alameda County Builders' Exchange, and J. E. Odgers of the Daily Pacific Builder, San Francisco.

James J. Farley of the Pacific Lumber company displayed four reels showing the operations of the company and the mill and yards at Scotia. This is said to be the most modern plant of its kind in the world and the largest redwood plant known. The pictures were arranged by Robert Inglis of the San Joaquin Lumber Company.

O. H. Chain, president of the Exchange, presided.

ALAMEDA BUILDERS' EXCHANGE ADOPTS CODE OF ETHICS

The following letter has been sent to every member of the Alameda County Builders' Exchange, which body seeks to establish a standard of methods of conduct of the building business in the East Bay District:

To the Members of the Builders' Exchange:

Gentlemen: The Central Council of the Builders' Exchange, at a recent meeting, discused the matter of Ethics that should be established for the building fraternity and decided that a code of ethics should be adopted.

We, the undersigned, have been instructed therefore to form such a code of ethics. The purpose of the code of ethics is to establish a standard of methods of conduct of the business affected; to elevate those in the business; to make it generally a better business to be in and to maintain the respect of the public as well as a proper feeling for one toward the other.

Our first thought is what you think about it. You have been associated in the building business sufficiently long enough to know of its many evils and of the careless and even malicious practices indulged in. For this reason we are asking you for any and all suggestions that you care to make; that you submit them freely to this committee to aid us in our sincere endeavor. What rules do you think are good for a code of ethics? If you were to write a code, what would you say in it? What do you believe in? Write us freely and express yourself candidly.

Sincerely,
Code of Ethics Committee of the Builders' Exchange.
L. C. Fraser, Chairman.
J. M. McKeon.
Harry McManus.

RICHMOND BUILDERS' EXCHANGE ENJOYS DIRECTOR DINNER

Roast beef, "a la Board of Directors," was served following the regular weekly meeting of the Contra Costa County Builders' Exchange in Richmond, Friday evening, Sept. 14. The dinner was prepared in the kitchen quarters of the new exchange home, recently completed.

E. H. Higgins acted as chief chef and was ably assisted by the six other members of the Board of Directors who acted as waiters, these being: Al Hill, P. M. Sanford, Jas. Walker, F. A. Mero, J. I. Collins and E J. Ballantyne.

An interesting program of entertainment was enjoyed, members of the plastering and bricklaying crafts of the exchange, doing their stuff under the direction of A. H. Winchcole and Jas. Walker Musical numbers were furnished by Denny Shaw and Ward McCracken. A vocal number was provided by L. Johnson, B. F. Carter and A H. Winchcole

The dinner feature of the contra Costa County Builders' Exchange is a monthly affair conducted by the exchange members. Each month a committee is appointed to provide a table and arrange a program of entertainment. The meals are served from the kitchen quarters of the exchange which are fully equipped to accommodate a large gathering.

The Pacific Spring Bed Company, Austin S. Wickersham, president, has purchased a three-acre site in Oakland and plans the construction of a new plant.

WORKING CONTRACT OF FRESNO BUILDERS' EXCHANGE PROMOTES HARMONY AND PROSPERITY

One of the greatest benefits to labor, the Fresno Builders' Exchange, and to the progress and prosperity of Fresno, has been the working contract between the Fresno Building Trades Council and the Builders' Exchange. This was told to members of the exchange by R. W. Chrouch, manager, in making his semi annual report submitted Sept. 17.

Chrouch said that the harmonious and constructive conditions in the building industry, due entirely to the agreement between labor and the builders, can not be exaggerated.

The contract, by reason of its equitable provisions and the splendid manner in which it has enabled labor and contractors to proceed in Fresno, has attained national prominence, Chrouch said. It has received attention from the United States department of labor and is now generally referred to as the "Fresno plan." This contract between labor and builders, was ratified June 16 of this year after having proved satisfactory for a year.

The manager's report reviewed the business of the exchange for the past six months and among things outlined for the future is a membership campaign which, it is expected, will make exchange membership 100 per cent among builders. The organization now has 180 out of a possible 215 members.

D. Richard Ainsley of the Billings & Meyering Company spoke to members of the exchange on the relation of builders and realtors and methods of co-operation by which they can assist the development of a community. Realtors and builders, more than any other class, contribute most to the upbuilding of a city, he said, because theirs are the initial efforts which bring about the commercial expansion that leads to more building.

Milton Dearing, attorney, gave the builders an educational talk on property liens and the ways in which they directly effect the operations of building contractors.

The meeting was held at the exchange offices at 2133 Kern St., Fresno.

C. E. GRUNSKY NOMINATED FOR A.S.C.E. PRESIDENT

C. E. Grunsky of San Francisco, widely known as a consulting engineer, was made the official nominee for president of the American Society of Civil Engineers by a vote of 1671 against 1509 cast for Francis Lee Stuart. The other official nominees determined by the second letter ballot were:

For vice president, Zone 1, Lincoln Bush; vice president, Zone 4, Oscar S. Bowen; directors, Dist. 1, Thaddeus Merriman and Paul G. Brown (two to be elected in this district); director, Dist 4, Robert Farnham; director, Dist. 11, Arthur O. Ridgeway; director, Dist. 14, Alexander Maitland, Jr.; and director, Dist. 15, J. M. Howe.

George G. Anderson of Los Angeles, received support from members in Zone 4 for vice president, getting 399 against 520 cast for Oscar S. Bowen.

ASPHALT MEN MEET IN DENVER

One hundred and fifty public officials engineers, contractors and material men from fifteen western states were present at the second annual paving conference held August 21 and 22 at Denver, Colo., under the auspices of the Asphalt Association. The meeting was called for a discussion of asphalt problems and for the purpose of acquainting highway engineers and contractors, especially, with successful methods employed in laying and maintaining the various types of asphalt pavements. The first conference was held in Atlanta last year.

The Denver conference was opened by Joseph R. Draney, President of the Asphalt Association, and among the subjects discussed were: "Trend of Specifications and Design of Base and Wearing Courses," "Asphalt as a Paving Material," "Black Base," "Asphalt Paving Adjacent to and Between Car Tracks," "Utilizing Old Asphalt Pavements for Surfacing," "Good Roads & Streets, a Civic Asset," "Selection of Types of Asphalt Pavements with Reference to Local Materials," "Asphalt Pavements on Slag Base," "Questions Involving Justifiable Expense in Asphalt Construction," "Wearing Courses for Bridge Floors," "Maintenance Methods and Cost," "Essential Test Data on Asphaltic Concrete," and "Asphalt Construction on Alkali Soils."

In discussing "The Trend of Specifications and Design of Base and Wearing Courses," Fred G. Simmons, state highway engineer of Oklahoma, vigorously condemned the practice of laying concrete roads without a wearing course of asphalt. He argues strongly in favor of the use of local materials and disapproved the policy of bringing road materials long distances which, he declared, greatly increases road building costs through added freight rates. By utilizing asphalt, he pointed out, serviceable paved roads can be built as cheaply as ordinary gravel roads. Mr. Simmons expressed the opinion that every road should be capitalized so that its justifiable outlay could be measured with reference to its durability and its earning capacity.

"Asphalt as a Paving Material" was the subject of an address by Chief Street Engineer John B. Hittell, of Chicago. In his address, which was illustrated, Mr. Hittell touched on the occurence, production and preparation of asphalt for use in highway construction, pointing out that at present 50 per cent of the asphalt produced is used for paving purposes, and that asphalt in some measure, is employed in the construction of all reeognized types of pavements.

"A considerable use to which Asphalt has been put in the past," said Mr. Hittell, "as a binder in foundations for pavements, generally of an asphaltic type, may be greatly increased as the "blaek base" or asphaltic type of construction, becomes more familiar to public officials and engineers in that part of the United States east of the Rocky Mountains."

Chris P. Jensen, county surveyor, Fresno, Calif., in an address on "black base," produced documentary argument and stereoptican pictures advocating the use of asphalt concrete, not only for surfacing but for the base and to complete elimination of hydraulic concrete.

Mr. Jensen brought out a remarkable service record of the flexible base pavements in California, extending over a period that ran back to 1894 and drew a striking comparison of the superior durability of "black base" as contrasted with the rigid hydraulic concrete pavements that have been laid on the California state highway system since 1912. The speaker declared that the flexible asphalt pavement although seldom more than five inches thick, has shown very few failures, while the rigid pavements of the same thickness, he said, have been badly shattered under the impact of traffic. He strongly urged the economy of "black base" pavements.

"In California, asphalt concrete construction costs approximately $20,000 to $22,000 per mile of sixteen foot roadway, including cost of grading," Mr. Jensen said. "This is for pavement of five inches total thickness. Hydraulic concrete pavements of the same general dimensions will cost approximately the same as the asphaltic concrete in California. However, experience has indicated that five-inch plain hydraulic concrete pavements are insufficient. And the heavier pavement costs $30,000 per mile."

Mr. Jensen declared that in Fresno, Calif., 152 miles of county highways, sixteen feet wide, have been constructed in which the entire structure is of asphaltic concrete five inches thick. He said that recently additional contracts were let for the construction of seven miles of five-inch and eleven miles of four-inch asphaltic concrete highways. More, he declared, are to follow.

"In 1909," Mr. Jensen asserted, "the City of Fresno commenced extensive asphaltic concrete pavement construction and since then with little interruption, this type of pavement has been the accepted standard."

In speaking on "Asphalt Paving Adjacent to and Between Car Tracks," John A. Griffin, city engineer of Los Angeles, Calif., described the successful development of a type of asphalt paving which is laid between street car tracks in Los Angeles and which has successfully withstood severe tests for a period of four years. The cost, he declared, has been little more than half the cost of methods previously employed.

E. A. Ammons, former Governor of Colorado, now president of the Denver Civic and Commercial Association spoke on the development of roads in Colorado, comparing the present highways of the state with those of only a few years ago. He declared that good roads are vital to Colorado's prosperity and progress. The growing in Colorado of mountain fruits and vegetables that are better than those of lower altitudes was referred to by Governor Ammons together with the necessity of good roads for getting these to market. He also referred to the demand for transportation of ores as new mineral reserves are opened. The speaker stated that 65 per cent of the known mineral area in Colorado is not yet prospected. In all of this, past and future, he emphasized the importance in his state of asphalt for good road building.

Roy M. Green, president of the Western Laboratories, discussing various types of asphalt pavement, particularly with regard to the use of local materials pionted out that the annual expenditure for street improvements in the 250 largest cities of the United States exceed $120,000,000, twice the expenditures for schools and four times the expenditures for sanitation. In spite of the important place which road building holds and the enormous sums appropriated for it, Mr. Green declared city councils insist on taking away from the experienced engineer in most cases the regulation of the type of pavement that is to be laid. This, Mr. Green asserted, is responsible for many poor streets and much unwarranted expense for maintenance.

A reasonable means of finding how much money should be spent on roads in a given district was outlined by J. E. Pennybacker, secretary of the Asphalt Association. He said that this should be determined by the state tax on gasoline as one factor, and the number of vehicles traveling over a given road as another. From these two factors it could be readily computed, he said, how much the road is yielding to the state in revenue through the gasoline tax, and the road could be capitalized at so much a mile on that basis which would then give a tangible means of determining the amount it would be justifiable to spend on it.

Exceptions to this must be made however, he pointed out, because some roads carrying only light traffic are required to be kept in good shape, and others are maintained for historic or sentimental reasons.

In the open forum on this question it was shown that the cost of transportation is two-fold, one aspect involving the roadway and the other the rolling stock, but both are paid for by the same person. For this reason, he said, road builders should have as their ideal a type of construction that will give the least possible wear on cars and tires because this wear, together with gasoline consumption, is by far the largest item of cost in transportation expenses.

The floor discussion on the justifiable expenditures for road construction also brought out the statement that engineers have given most attention to heavy traffic problems and almost none to remote highways which are necessary feeders to the heavily traveled roads and are an important factor in expanding rural development. It was suggested that an advisory committee be appointed to advise improvements and economies for secondary highways.

State Highway Engineer Borden of Nevada was one of the principal speakers on this subject, the peculiar problems of his state making him an authorithy. The discussion was led by City Engineer Charles Shultz of Tulsa, Oklahoma.

The effects of alkali soils and waters on certain road materials was discussed by G. W. Craig manager of the middle western branch of the Asphalt Association in Chicago. He was followed by Dr. S. H. Diggs of Casper, Wyo., chief research chemist of the Midwest Refining Company. Dr. Diggs explained that the damage to cement concrete from alkali is caused by the soda of the pereolating salts replacing the lime of the cement, leaving nothing but loose dust where once there was cement. Asphalt, Mr. Diggs said, is not subject to injury by alkali.

It has been definitely decided that the conference is to be an annual affair, so successful have the two past meetings been, according to Secretary Pennybacker. The place for the next meeting will be decided within the next few months.

AUGUST CEMENT PRODUCTION BREAKS ALL RECORDS

All records for the production and shipment of portland cement were broken in August, according to figures just issued by the U. S. Geological Survey. Several times this year people who have been in doubt as to the productive capacity of the cement industry, have had their guesses shattered by the way the industry has kept pace with demand. Production during August was 12,967,000 barrels, an increase of 350,000 barrels over July, the best previous record, and 1,300,000 over August last year. Production for eight months ending August 31 was nearly 88,000,000 barrels or more than was produced in any one of the entire pears 1915, 1918 or 1919.

Shipments from the mills during August were only slightly under 15,000,000, or more than 600,000 barrels greater than in any previous month. Shipments for the first eight months of the year were nearly 91,000,000 barrels or more than 19 per cent greater than ever before.

Although shipments exceeded production during August by about 2,000,000 barrels, the stocks of cement in manufacturers' hands at the end of the month were somewhat greater than last year and amounted to slightly over 6,000,000 barrels.

Present conditions indicate a substantial fall demand for cement so returns for the full year should be far beyond any previous experience. Building permits issued in August show a substantial increase over last year. There is a very heavy volume of building now under construction and prospects for winter construction are considered good. Many highway officials have expressed a determination to complete this year's roadbuilding programs so the amount of cement consumed in concrete pavements will undoubtedly be greater than in any past year.

IRON AND STEEL EXPORTS SHOW DECLINE

With a total of 170,039 gross tons, exports of iron and steel products in July showed a decline of 2489 tons under June, when the total was 172,528 tons.

Imports of iron and steel products in July amounted to 53,464 tons, a decline of 14,555 tons under June with a total of 68,019 tons. The sharp falling off in imports is due chiefly to the decrease in incoming shipments of pig iron, which set in such great volume last summer during the coal and shopmen's strikes making it impossible for domestic merchant blast furnaces to compete with foreign pig iron producers.

For the seven months ending with July, the import movement of pig iron was 313 900 tons, or 55 per cent of the total iron and import movement of 569,287 tons for the seven months.

The export shipments continue to be below the pre-war average of 230,000 tons per month and the outgoing shipments of July was only approximately 5 per cent of the steel ingot production, which is an extremely small shipment when compared with the hope of the American iron and steel trade to build its exports up to 20 per cent of the finished production.

The decline in exports seems to be due to a general narrowing of all markets abroad, but by some leaders in the trade it is expected that foreign purchases will revive soon and give a better outlet for the American industry.

New York Engineer Urges Use Of Hot Water For Coal Conservation

The coal stringency will cause a marked change in the type of heating system used in large industrial plants in the United States, according to B. W. Randolph, Mechanical Engineer of 80 East 11th Street, New York. He has made a study of coal conservation in its relation to heating systems, and has issued a statement on this question.

"There is a diversity of opinion among engineers and architects on the question of heating, many expressing themselves in favor of different types of heating, such as vapor, steam, hot air and hot water. My opinion, however, borne out by several experts, favors hot water system.

"The conservation of coal made possible by hot water systems, which require only enough coal to heat water to the desired temperature of the plant, has caused many industrial establishments to adopt this method of heating. Surely this method of conserving and releasing coal as well as labor and freight for other purposes can and should be put to use at present," said Mr. Randolph in comment.

"When the large industrial plants began to realize that they can save coal by using a heating system which could be regulated in its coal use, by the temperature of the surrounding atmosphere, they will adopt it. Since 1917, the first year when prices of steam sizes of coal began their rapid upward course, I heard frequent statements of great savings from hot water systems coming from leading manufacturers. These savings claimed as high as 40% on yearly coal bills. Specific replies made to me by plant superintendents and plant engineers verify these extreme claims. A saving of 25% in fuel control is quite common. A steam heating system is only perfect at zero. Why heat water daily to the steam point, when temperature charts show that in New York, Boston, Chicago, Pittsburgh and St. Louis, that there is on the average one zero day a heating season?"

Here are a few opinions that bear out the thesis of Mr. Randolph:

John Gormly, past president of the American Society of Heating Engineers, says:

"In a practice extending over fifty years to almost every state in the United States, my experience is that no system of heating compares with water circulation when properly installed.

"It is economical silent free from complicated devices, easy to control, offers a wide range of temperatures, is more durable, needs less repairs, and when properly designed may be used in the tallest buildings without an excess pressure at the base. It approaches nearest to perfection so far as my experience has proved."

"Hot water heating systems," said A. W. Moulder, Chief Heating Engineer of Grinnell Company, "will in many cases save 25% to 50% in fuel over steam systems. In the present emergency this huge saving of fuel is of great importance and eventually such savings are bound to establish hot water as the standard method of heating industrial plants. A misconception as to the high first cost of hot water systems is partly responsible for the greater use of steam. As a matter of fact I have had experience with many large industrial plants where hot water was actually cheaper to install than the less efficient steam."

Albert Kahn of Detroit, architects and engineers of some of the largest industrial buildings said that economy in fuel is effected by hot water heating systems in buildings.

"Hot water heating systems are the the most desirable in a great majority of buildings," is their statement.

James P. Dwyer, Jr, Engineer of Boston, Mass., concurs in this opinion. He says:

"A forced hot water heating system will be found more desirable than other types of heating systems for industrial plants. This type of system quite readily lends itself to the most unusual conditions encountered in this type of building.

"The quality of the heat, control of same, economy of fuel and maintenance and the applicability of this type of system, easly places it in advance of other types of heating systems."

A. M. Feldman, consulting engineer, and J. A. Almirall, constructing engineer both of New York City state that hot water heating systems are more desirable than others for industrial plants from the standpoint of economy of fuel, economy of labor, mildness and healthfulness, and elasticity of operation, facility of installation.

H. A. Erickson, engineer for the Fitzpatrick and Hoepfner Co., Columbus, Ohio, believes "large institutions such as hospitals, etc., can be operated a great deal more economically and elasticity of operation on this method (hot water heating) than by the old orthodox scheme, namely, steam."

Henry H. Kendall, architect of Boston, Mass., is of the opinion that "hot water heating is better for mildness and healthfulness."

Many prominent engineers and architects agree and disagree with the conclusions of Mr. Randolph.

BUILDING TRADES CLASSES IN L. A. SCHOOLS REOPENED

Vocational training classes, which have been conducted successfully in the Los Angeles public schools under the direction of W. S. Kienholz, have been reopened.

Bricklaying and plastering classes will be conducted at the Grand Avenue school, Eighth St. and Grand Ave. These classes will be conducted afternoons and evenings and are intended, primarily, for beginners. However, trade extension work will be given to those that wish advanced work in both bricklaying and plastering.

Classes in advanced brick work, such as pressed brick, arch work, tile setting, terra cotta, etc., will be offered at the Trade Extension High School, at 115 East Tenth St. Classes will be conducted both day and evening. At the same school there will be trade extension classes in plumbing, also for apprentices, both day and evening.

Discussing the work of these classes, Director Kienholz says:

"All these classes have been running for some time and have met with wonderful success, which is manifested through the interest and satisfaction that they have given to the building trades in the city.

"The men leaving these schools have given eminent satisfaction to contractors and builders, and it appears that this new apprenticeship training is a much needed line of training and is meeting with unusual success."

TRADE NOTES

The Pratt Rock & Gravel Co of which Clarence F. Pratt is president, has selected several of its officers. George L. Holmes of the Hobart Building is the engineer; Joseph W. Pike is plant superintendent, Howard W. Senter is secretary and purchasing agent. Mr. Pike will be located at Prattrock (half a mile from Folsom) and the rest of the officials will have their headquarters in San Francisco. Mrs. E. A. Bunker of Folsom will be office manager and cashier at the plant near Folsom. Material is already on the ground nd the Southern Pacific Railroad is now laying rails for the rock company's spur tracks. A large steam shovel has been ordered from Marion, Ohio, and the heavy lumber for the rock and gravel bunkers is being cut in Oregon. The plant will employ from twenty to forty people and already the Folsom merchants are arranging to house the new families that will soon move to their city. President Pratt says the plant should be producing crushed rock oy December 15th. $200,000 will be expended on this modern plant. The spur tracks will accommodate 44 railroad cars. The Pratt Building Material Co. with offices in Marysville, Sacramento, San Francisco and Prattco, Monterey County, will act as selling agents for the new company. Clarence F. Pratt is president of both companies.

The firm of E. D. Bullard announces its removal October first to new quarters at 565 Howard St., San Francisco. The great increase in business and the number of new applicances, both in the Safety First Field and Mining, and Foundry Specialty Supplies, that this company has added to its line in the last year, have made this move necessary in order that they can continue to give the best of service. Mr. E. D. Bullard, the founder of the business, introduced carbide mine lamps on the coast in the 90's and the firm is still the largest supplier of this commodity in the west. The Safety Department was added in 1915 under the management of E. W. Bullard, who, since his father's death in 1921, has conducted the entire business. Since 1921 the firm has also added to its line Graphite and Clay Crucibles, used in the large foundries and mines, and lately a special type of metal plug used extensively in Oil Refinery Cracking Plants. As E. D. Bullard carries all this material in stock, it has crowded the old quarters beyond capacity, but with the new quarters where they will have practically ten times the available space and more direct shipping facilities, deliveries and service can be greatly speeded up. The Los Angeles Branch of the firm will remain at 130 So. Broadway.

Graver Corporation of East Chicago, Indiana, manufacturers of Water Softeners, Filters, Tanks and General Steel Plate Construction, announces the following changes in their district sales offices: Their office formerly located at 2084 W. 29th St., Los Angeles, Calif., has been discontinued and the Water Works Supply Co., 536 Call Bldg., San Francisco, Calif., will represent the company in the entire state of California. The Seattle office formerly located at 912 Post Bldg., has been discontinued and states of Washington and Oregon will be in charge of Mr. H. K. Mead, 409 Bd. of Trade Bldg., Portland The Philadelphia office formerly located at 528 Perry Bldg., has been discontinued and Mr. L. C. Holmes, 918 Buchanan St., N. W. Washington, D. C, will have charge of sales in this district.

The Atlas Heating & Ventilating Company has established an extensive display room at its new office building, 557-567 Fourth street, San Francisco, where all types of heating equipment may be examined. The display includes large Tubular Cast Iron Furnaces, for church, theatre and school work, and Warm Air Furnaces adapted to use in residences and moderate sized buildings, Sectional and Circular Steam and Hot Water Boilers, Oil Burning and Ventilating Equipment, and Gas Furnaces of various types. This exhibit is the only one of its kind on the Pacific Coast and should prove of great assistance to Architects and Contractors as well as others who have heating and ventilating problems.

R. P. McNeil of Baring, Washington, has been granted a patent on a combined earth scraper and dumping vehicle. The body of the scraper is mounted on two wheels and moved by team or tractor. It is operated by one man. The body or pan may be lowered below the base of the wheels for excavating and is raised and held up mechanically while being moved to dumping point and can be then dumped like ordinary pans by turning forward or backward by backing vehicle.

M Greenberg Sons, 225 Beale Street, San Francisco, announces the removal of their brass foundry and machinery works plating and pattern works, to 765 Folsom street, San Francisco, where greatly enlarged facilities will enable them to afford the manufacture of superior products and prompt service in the matter of brass and bronze castings, brass machined and plated goods.

Expansion of the architectural firm of Trewhitt-Shields Co. of Fresno bringing into the concern H. Rafael Lake and R. Raymond Fisher, as partners to the present owners, is announced by H. W. Shields and W. D. Trewhitt. The new arrangement is effective immediately. At the same time the firm announces the opening of a Los Angeles office in the Western Mutual Life Bldg., with Mr. Fisher in charge. The main offices of the company will be located in the Rowell Bldg., Fresno.

The name of the Concrete Products Association of Southern California has been changed to "Associated Concrete Industries." The association was organized a year and a half ago. The present officers are: R. E. Johnston, Concrete Brick & Tile Co., president; M. G. Watkins, Los Angeles Concrete Tile Co., vice-president; Harley Wadsworth, secretary. The general meetings of the association take the form of dinners, each held in a different city. The next meeting will be at Whittier, Sept. 25.

Builders Crushed Rock Products Co. of Los Angeles, capitalized at $250,000 has filed articles of incorporation with the secretary of state. Articles have also been filed by the Central Building Materials, Inc., of Los Angeles, capitalized at $300,000 and by the Clarence P. Day Corp. of Pasadena, capitalized at $250,000. The latter firm will engage in the business of engineering, building, etc.

Clarence Zehner, formerly connected with Edward R. Bacon Company of Los Angeles, in the sales department, specializing on cement mixers and contractors' tools, has joined the sales forces of The Brown-Bevis Company and will again specialize in the sale of cement mixers, saw tables and tools for building contractors.

Contractors Protest Delay In Payment For War-Time Contracts

Says the U. S. Government Advertiser: Many individuals and firms who did business with the Government, and especially with the War Department, during the peeriod of the World War and who had reason to expect a reasonably expeditious settlement of their claims for amounts due on the cost-plus contracts awarded to them are indignant at the treatment they are receiving in Washington. Some of them have contented themselves with carrying their cases to the Court of Claims with the expense which this entails in the matter of attorneys' fees. Others have communicated with their representatives in Congress, with the Secretary of war, and even with the President in protest against a situation which they feel is unduly severe and which has already required of them extraordinary outlay. In addition to the prolonged and now indefinitely extended delay in getting the money which the Government is obligated to pay. These are the cases which, when the war ended, involved more or less troublesome questions as to the details of settlement, and it was to that end that Congress enacted the so-called Dent law, which created the War Department claims board to go fully into the phases of each controversy and which authorized the Secretary of War, upon the recommendations of the board, to certify as to the validity of the claims, whereupon the disbursing officers would proceed to pay the amounts thus declared as legitimately due. This has been done, only to find the general accounting office refusing to approve the occounts in many instances and the comptroller general also declining to abide by the decisions of the Court of Claims as sustained by the U. S. Supreme Court, where questions at issue have been brought before those tribunals. It is not known how many claims are in this class, but probably several hundred, one attorney admitting to having no less than 30 clients whose interests he is looking after. The people interested entertain the conviction that they are entitled, under the law and by virtue of the conclusions of the War Department, to have their claims settled, and they naturally are irritated, to say nothing of the inconvenience and expense involved, over an additional and altogether unnecessary postponement of adjustment. Some of them would be obliged to take their cases to the Court of Claims and, after obtaining judgment, await the appropriation by Congress of the funds for payment. This situation is created by a highly technical complication for which the comptroller general is responsible, and it is confidently expected that the sense of injustice will be imparted to senators and representatives with probably more effect in their attitude toward the comptroller general next winter than the complaints, equally urgent and legitimate, which may come from members of the military-naval personnel who have been deprived of the pay and allowances to which they are entitled under the law.

EASTERN CAPITAL WILL FINANCE BAY BRIDGE PROJECT

Following a conference with Colonel Frank Elbridge Webb, who has just been granted a permit by the War Department to construct a bridge across the bay at Little Coyote Point, J. W. Tobin, industrial broker of New York City, announces that he will take over the work of financing part of the bridge project in the East.

Tobin, stopping at the St. Francis Hotel, San Francisco, expressed great confidence in the project and declared himself of the opinion that such a bridge would do more for San Francisco's growth than any other single development.

"Investments in Pacific Coast projects are probably the most popular now on the New York market," declared Tobin. "There should be no difficulties in quickly amasing capital sufficient to construct the Little Coyote Point bridge, in view of the great possibilities this project has."

HELD BUILDER NOT LIABLE FOR INJURIES

A painter employed by a subcontractor was injured and sought compensation from the general contractor. In making his contract with the subcontractor the general contractor had included a requirement that the painting company insure all its workmen. The subcontractor did not comply with this provision in the contract. The genearal contractor thereupon posted notices on the job stating that he would not pay compensation for injuries sustained by men employed by the painting contractor. The Pennsylvania Workmen's Compensation Board held that the general contractor had complied with all the provisions of the Compensation act, and that it was not his duty to see that the subcontractor insured his employes. The general contractor was therefore not liable for compensation.

S. F. HOME BUILDERS PROPOSE BUILDING SURVEY

For the purpose of furnishing builders with an accurate guide to the housing situation in this city the Home Builders' Association proposes making a detailed survey of the number of houses, flats and apartments under construction, the number sold and the number of vacancies.

This decision was reached at the first meeting of the association following the summer adjournment. L. V. Riddle, president of the ascsociation, presided.

The survey was suggested by Harry B. Allen, president of the San Francisco Real Estate Board and prominent home builder, who said it was his belief that such a study would reveal that San Francisco is far behind in its housing facilities.

COMBINATION OF CEMENT AND ASBESTOS EXTENSIVELY USED

South Africa, in which building has recently been extremely active, reports an increasing use there of a combination of asbestos and cement which greatly decreases costs. The base is fibrous asbestos rock impregnated with slow-setting Portland cement. The board is built up in layers. Fibers crossing each other until the whole is one homogenous mass of great strength and toughness, which is also fireproof. A Johannesburg firm has recently patented a process for reinforcing this material with steel. The asbestos and cement are both local products.

Progress Reported In Movement To Eliminate Waste In Industry

Definite progress in the movement to elifinate waste in industry is being made in a number of important lines, according to a bulletin just issued by the Fabricated Production Department of the Chamber of Commerce of the United States.

The bulletin states that "industry is no longer thinking of simplification and standardization as activities which may stifle initiative or interfere with service to the trade. No confusion can result if it is kept clearly in mind that the objective is the elimination of waste which is today obstructing industrial progress."

Here are some of the latest examples of simplification in certain lines of industry quoted in the bulletin:

Automotive

Wider recognition of standards for certain automotive accessories and component parts was the keynote of a meeting on March 9, 1923. Automobile manufacturers, accessory producers, service men, engineers, and users were in attendance A very representative committee was selected to make a survey of existing conditions and to bring about the adoption of established standards and development of additional standards for many of the noncompetitive parts and attachments. Initial efforts are to be directed toward roller bearings, spark plugs, tires and storage batteries.

Clay Products

The preliminary conference of manufacturers and engineers on April 23, 1923, resulted in the determination to survey the industry for the purpose of eliminating many needless sizes and setting up dimensional standards for sewer pipe, drain tile, flue linings and wall coping. As such time as the necessary data has been gathered and tabulted a general meeting of all interests will be called for final action.

Paint and Varnish

On April 25, 1923, some forty or fifty accredited representatives of manufacturers, jobbers, retailers, consumers and others adopted a simplification program for paints and varnishes. This action will reduce the varieties of containers used in marketing the commodities and also will eliminate many colors and shades of paints, stains, enamels and varnishes. The adopted schedule is substantially the same as that drawn up for war time operation. The action taken is to become effective December 31, 1923.

Asphalt

A general conference of asphalt producere, together with road commissioners, state, municipal and highway engineers on May 28, 1923, reduced the varities of asphalt grades from 102 to 10. Certain definite penetration limits were established for paving asphalt, sheet asphalt and block filler. This simplification is to become effective January 1, 1924.

Face and Common Brick

Not until a survey had been made was it very generally realized the multiplicity of sizes for brick. If any commodity should be standardized dimensionally it is building brick This was accomplished on June 21, 1923, at a conference of clay brick manufacturers, engineers, builders and other interested elements. Two sizes of face brick were retained and one for common brick. The face brick sizes are: Rough brick—8x2½x3¾; smooth brick —8x2½x3⅞. For common brick the standard is 8x2½x3¾.

Woven Wire Field Fence

One of the most outstanding simplification programs was adopted July 12, 1923, at a meeting of retail dealers, farmers' organizations, and manufacturers representing 85 per cent of the wire field fence production of the country. Sizes, types and varieties of wire fence were reduced from 552 to 69. This action carried with it a reduction of fence packages from 2072 to 138. The simplified schedule is to become effective September 1, 1923, for new production, and stocks of discontinued lines are to be cleared by January 1, 1924 .

All of these conferences have been held under the joint aupspices of the Division of Simplified Practice of the Department of Commerce and the Fabricated Production Department of the Chamber of Commerce of the United States.

SOUTH CAROLINA ARCHITECTS ADOPT CONTRACT REPORT

Four recommendations relating to contracts were adopted by the South Carolina Chapter of the American Institute of Architects following the report of a committee that had attended a discussion of contracts held at the Columbia, South Carolina, Builders' Exchange. They were:

1.—That the question of separate contracts or a general contract with sub-contracts be considered and determined for each case as the circumstances may indicate.

2.—That every proposal or bid for a general contract shall include a statement of the names of the principal subcontractors and the amount of each such subcontract, and that when a general contract is awarded it shall carry with it the award to the subcontractors named, unless objection is made at the time by the architect or the owner.

3.—That all monthly or other estimates upon which payments to general contractors are based, shall be open to the inspection of the subcontractors.

4.—That all general contracts shall be bonded in the A. I. A. Standard Form of Bond, guaranteeing payment for all labor and materials and subcontracts.

OPEN PRICE ASSOCIATION UNDER BAN OF COURT

The open-price plan of competition as brought out in the linseed oil case before the U. S. Supreme Court was held by that body to be in restraint of trade. Under this plan competing manufacturers agreed to turn over to a central bureau for circulation among all members of the association full reports on sales, quotations, offerings, stocks, etc. The court in its written opinion, just published, says:

"We are not called upon to say just when or how far competitors may reveal to each other the details of their affairs. In the absence of a purpose to monopolize, or the compulsion that results from contract or agreement, the individual certainly may exercise great freedom; but concerted action through combinations presents a wholly different problem and is forbidden when the necessary tendency is to destroy the kind of competition to which the public has long looked for protection. The situation here questioned is wholly unlike an exchange where dealers assemble and buy and sell openly; and the ordinary practice of reporting statistics to collectors stops far short of the practice which defendants adopted. Their manifest purpose was to defeat the Sherman Act without subjecting themselves to its penalties."
—Southwest Builder & Contractor.

Building News Section

APARTMENTS

Sub-Contracts Awarded.
APARTMENTS Cost, $115,000
SAN FRANCISCO, SW Sutter and Leavenworth Streets.
Six-story and basement concrete (23) apartments.
Owner—L. B. Ham, Rm. 502, Sutter St., San Francisco.
Plumbing to Reliable Plumbing Co.
Heating to C. Peterson Co.
Brick work to Chas. Hock.
Sheet Metal work to Morrison Sheet Metal Works.
As reported before the steel contract was awarded to The Golden Gate Iron Works, 1514 Howard St., San Francisco and the concrete foundations to L. Vanucci.

Contract Awarded.
APT. BLDG. Cost, $34,400
OAKLAND, NE Lakeshore and Hanover Avenue.
Two-story 28-room frame apt. bldg.
Owner—J. H. Price, 696 Mandana Blvd Oakland.
Contractor—Johnson & Abdon, 530 13th St., Oakland.

Sub-Figures Being Taken By Owner.
APARTMENTS Cost, $200,000
SAN FRANCISCO, SW Jones and Sacramento Streets.
Six-story and basement reinforced concrete apartment building (70 2 and 3-room apts).
Owner—Chas. Johnson, 36 Steiner St. San Francisco.
Architect — H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.

Contract Awarded.
APARTMENTS Cost, $25,000
SAN FRANCISCO, S Union 68 W Jones.
Three-story and basement frame (6) apartments (Except light fixtures, shades, finish hardware & plumbing)
Owner—M. DeMartini, 946 Broadway Oakland.
Architect—P. F. DeMartini, 946 Broadway, S. F.
Contractor—G. Ferroni & Sons 1926 Filbert St., San Francisco.

Contract Awarded.
APARTMENT Cost, $9000
OAKLAND, 1040 Stanford Ave.
Two-story frame 12-room apartment.
Owner—Mrs. Mary T. Cane, 1036 60th St., Oakland.
Contractor—Harold Cane 5838 San Pablo Ave., Oakland.

Contract Awarded.
APARTMENTS Cost, $12,500
OAKLAND, SW 42nd & Grove Sts.
Two-story 16-room apartments.
Owner—V. Egenberger, 4137 Grove St., Oakland.
Contractor — Gustave Johnson, 1357 Northside Ave., Berkeley.

SAN JOSE, Cal.—See "Banks, Stores and Offices," this issue.

Plans Completed.
APARTMENTS Cost, $10,000
SAN FRANCISCO, E 23rd Ave. 70 N Geary.
Two-story and basement frame (4) apts
Owner—E. J. Wade.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., S. F.

Plans Being Figured.
APARTMENTS Cost, $10,000
SAN FRANCISCO, N Post 200 W Webster Street.
Remodel present bldgs. for (12) apts.
Owner—S. L. Mash, Kearny and Bush Streets, San Francisco.
Architect—M. G. Bugbee, 619 Washington St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $12,000
OAKLAND, 3046 Seminary Ave.
Two-story 16-room frame apartments.
Owner—C. A. Kingsley, Pleasanton, Cal

Contract Awarded.
APARTMENTS Cost, $27,800
OAKLAND, E Lakeshore Ave. 190 S 1st Avenue.
Three-story 24-room frame apts and garage.
Owner—Mrs. C. J. Schimmel, 388 12th St., Oakland.
Contractor—Harry Knight, 3880 12th St., Oakland.

To Be Done By Day's Work.
APARTMENTS Cost, $11,000
SAN FRANCISCO, NW Clement St. & 28th Avenue.
Two-story and basement frame (4) apartments.
Owner—V. Gulimes, 1828 Castro St., San Francisco.

LOS ANGELES, Cal—Architect S. H. Brown, 528 Union League Bldg., is preparing plans for a 71-room apartment building to be erected at the corner of Third and Berendo Sts., for H. Frankenstein; it will be divided into single apartments. Stucco exterior, 3-story, 45x115 ft., frame construction, tile and composition roofing, plate glass, hardwood floors, tile baths and drains, O. P. trim, wall beds, gas radiators, automatic water heaters, metal lath.

LOS ANGELES, Cal. — Frank F. Rasche, 5652 Hollywood Blvd., is preparing plans for a $100,000 four-story Class C store, market and apartment building to be erected on the north side of Santa Monica Blvd. running through to film row between Serrano St. and Western Ave. for the Signal Realty Syndicate. Market and four stores in ground story, 30 single and double apartments in upper stories. Concrete foundation and cement floor, 60x90 ft., brick walls, pressed brick and plate glass front, composition roof, hardwood apartment floors, tile baths and drainboards.

LOS ANGELES, Cal.—Archt. Kenneth MacDonald, 1305 Brack-Shops Bldg., is preparing plans for a 12-sto and basement class A apartment house to be erected at Hollywood Blvd. and La Brae Ave., for A. C. Blumenthal and associates. Dimensions 115x190 ft., reinforced concrete construction, press. brick and terra cotta facing, marble and tile work, steam htg., elevators, vacuum cleaning, wall beds; $1,250,000.

LOS ANGELES, Cal—Arthur G. Lindley, Chas. Selkirk, assoc., 800 Amer. Bank Bldg., are taking bids on general and sub-contract methods for erecting a 3-story class D apt. house at 2376 Thompson St., for Wm. H. Reed. It will contain 33 apts. of 2 and 3-rooms each; frame and plas. constr., comp. rfg., pine trim, oak and pine fls., wall beds, tiled baths, water htrs., gas rads, aut. elevator.

BONDS

FAIRFIELD, Solano Co., Cal.—Until Oct. 1 bids will be rec. by county supervisors for purchase of $15,000 bond issue of Green Valley School District; proceeds of sale to finance school improvements.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 1, bids will be rec. by County Supervisors for purchase of $10,000 bond issue of Mt. Pleasant School District; proceeds of sale to finance school improvements.

FRESNO, Fresno Co., Cal.—Election will be held Oct. 11 in Kearney School District to vote bonds of $3000 to finance school improvements. Trustees of district are: G. C. Burnett, Mrs. John Fortune and S. P. Frisselle.

LAKEPORT, Lake Co., Cal.—County supervisors sell $50,000 bond issue of Kelseyville Union High School District for premium of $140. Proceeds of sale will finance school improvements.

NORWALK, Los Angeles Co., Cal.—The Excelsior Union High School District will vote on a $201,000 school bond issue Sept. 28th. It will be used to erect several new high school buildings at Norwalk, including a new auditorium building, manual arts building, and a new gymnasium building. T. C. Kistner Co., 616 Pantages Theatre Bldg., will be the architect.

COVINA, Los Angeles Co., Cal. An election will be held Oct. 11 in the Covina union high school district to vote on a $200,000 bond issue for new school buildings, equipment, etc. Geo. F. Chemberlen, Clerk.

MONROVIA, L. A. Co., Cal.—An election will be held soon to vote on a $326,000 bond issue for new annex to city hall, completion of Recreation Park and for constructing bridge on Huntington Dr. over Santa Anita wash.

SACRAMENTO, Cal.—County supervisors sell $17,000 bond isue of Florin School District for premium of $183.60; proceeds of sale will finance school improvements. Woollett & Lamb, Mull Bldg., Sacramento, are the architects.

CHURCHES

Plans Completed—Contract Awarded.
CHURCH Cost, $125,000
STOCKTON, San Joaquin Co., Cal.
Masonry church.
Owner—First Christian Church.
Architect—Robert H. Orr, 1305 Corporation Bldg., Los Angeles.
Contractor—H. W. Johnson, 121 Lexington Ave., Los Angeles.
The architect will take bids on art glass and seating.

Bids In.
CHURCH Cost $50,000 approx
MONTEREY, Monterey Co., Cal.
One-story reinforced concrete church.
Owner—San Carlos Borromeos Mission.
Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. SF
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO, CALIF.
PHONE SUTTER 5507

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

Contract Awarded.
CHURCH. Cost, $24,684
SAN FRANCISCO. NW Forty-third Ave. and Judah.
Two-story and basement frame church (except radiators).
Owner—St. Paul's Presbyterian Church
Architect—Willson J Wythe, Central Bank Bldg., Oakland.
Contractor — Thos. A. Cuthbertson, 1766 12th Ave., San Francisco.

LOS ANGELES, Cal.—Archts. Elwin P. and Chas. E. Norberg, 108 Union Bank Bldg., are completing plans for a new church bldg., to be erected at s.w. cor. E Orange Grove Ave. and Madison Ave., Pasadena, for the Swedish Evangelical Lutheran Church; it will have an auditorium and balcony to seat 450 people, Sunday school classrooms, social hall and kitchen, restrms. Brick, 1-story and basement, stone trim, comp. rfg., hardw. O. P. and cement fls., art glass, pipe organ, gas furnace htg., water htr., O. P. trim, pews, choir loft.

TRACY, San Joaquin Co., Cal.—Presbyterian Church, Rev. G. Snyder Barber, Pastor, is planning construction of new $20,000 edifice. A portion of the church property will be sold to finance construction of the new building. A building committee will be appointed shortly to further the project.

LOS ANGELES, Cal.—Wm. Simpson Constr. Co., Bank of Italy Bldg., has commenced construction work on the new church to be erected at Hollywood for the First Presbyterian Church of Hollywood. H. M. Patterson, O. T. Johnson Bldg., archt. It will contain an auditorium to seat 1400; class rms., social hall, kwitchen and rest room; masonry constr., press. brick facing; cost $200,000.

FACTORIES AND WAREHOUSES

Contract Awarded.
WAREHOUSE & OFFICE Cost, $18,000
SAN FRANCISCO, S Bryant 310 W 5th.
Two-story concrete warehouse and office building.
Owner—Walter H. Sullivan Inc., Alexander Bldg., S. F.
Lessee—Pennzoil Co., Monadnock Bldg. San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

FACTORY & STORAGE Cost, $16,000
SAN FRANCISCO, N Irwin St., bet 7th and 8th.
Steel frame glass factory and a 1-story frame glassware storage bldg.
Owner — Pacific Coast Glass Works, premises.
Engineer — W. E. Murray, Merchants Exchange Bldg., San Francisco.
Concrete work to R. J. H. Forbes, Monadnock Bldg., San Francisco.
Steel to Central Iron Works.
Reinforcing steel to W. S. Wetenhall.

Segregated Fgures To Be Taken Shortly.
ALTERATION Cost, $10,000
SAN FRANCISCO, 806 Buchanan St.
Alterating 2-story warehouse.
Owner—J. B. Van Nuys, Los Angeles.
Engineer—C. Heller, 57 Post St.

Sub-Contracts Awarded.
FACTORY Cost $—
OAKLAND, Alameda Co., Cal. 7th Ave.
One and 2-story class B factory.
Owner—Victor Talking Machine Co.
Architect & Mgr. of Constr. — Wm. Knowles, Hearst Bldg., S. F. and Central Bank Bldg., Oakland.
Grading awarded to Arris-Knapp Co.
Concrete work to R. J. H. Forbes.
Other sub-contracts will be awarded shortly.

Plans To Be Prepared.
HARDWARE BLDG. $1,000,000 approx.
SAN FRANCISCO, Block fronting on Beale St., bet. Bryant and Brannan 550x137-6.
Six-story and basement reinforced concrete wholesale hardware building.
Owner—Baker-Hamilton & Pacific Co. 700 7th St., S. F.
Architect—None selected.
It has not been decided when construction will start.

LOS ANGELES, Cal. — Archt. Kenneth Macdonald, 1305 Brack-Shops Bldg is preparing plans for a 9-story and basement class A store and loft bldg] to be erected on the west side of Broadway betw. 9th and 10th sts., for A. C. Blumenthal and assoc. It will be leased to the Western Costume Co. It will be 100x150 ft., reinf. conc. constr., press. brick and terra cotta facing; cost, $750,000.

LOS ANGELES, Cal.—Edwards, Wildey & Dixon, 515 Black Bldg., have been awarded a contract at approx. $120,000, including terra cotta, for erecting a 4-story and basement class A store and loft bldg. on 7th St., betw. Hope and Flower Sts., for the Martz estate; John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., archts. The bldg. is designed for 10 stories. Steel frame constr., brick filler walls, reinf. conc. fls., plate glass, terra cotta facing, steel sash, elevators, etc.

LOS ANGELES, Cal.—M. H. Merrill & Co., 50 State St., Boston, Mass., are preparing plans for a cotton mill to be erected on Valley Blvd., e. of city limits, for the Los Angeles Cotton Mills, vice-pres. Edward M. Fowler, of the Edwards M. Fowler Co., 628 Metropolitan Bldg. Brick walls, 800x350 ft., 3-sto., 2-sto. and 1-sto., plas. and brick exter., struc. steel, sawtooth roof constr., tile and comp. rfg., mapleand concr. flrs., steel sash, wire glass, metal skylights, sprinkler system, conveyors, boilers for heating and pressure, all power to be furnished by electricity, loading platforms; there will be offices, locker rooms, spinning rooms, etc.

LOS ANGELES, Cal.—Archt. Robt. H. Orr, 1305 Corporation Bldg, is taking bids for erecting a laundry bldg at 1322 N Vermont Ave., for the Hollywood Hospital Assn. It will be 2-story with laundry in the first story and helps' quarters in the second story; dimensions, 29x90 ft., frame and plas. constr., tile rfg., steam htg., cem. and wood fls., tiled lavatories.

LOS ANGELES, Cal.—See "Wharves and Docks," this issue.

LOS ANGELES, Cal.—Archt. W. J. Saunders, 227 Laughlin Bldg., has completed revised plans and is taking new bids for a 1-story add. to warehouse on Traction Ave., near Santa Fe Ave., for California Warehouse Co. Dimensions, 75x100 ft., reinf. conc. frame and fls., brick filler walls, brick or stucco front, comp. rfg., steel sash, steel rolling doors, elevator.

RICHMOND, Contra Costa Co., Cal. —E. S. Gillespie, banker and manufacturer of North Dakota, is in Richmond seeking a site for the erection of a plant for the manufacture of hemp and flax. At the present time, associated with his brother, Gillespie operates a similar plant at Duluth, Minn.

SAN FRANCISCO — See "Banks, Stores and Offices," this issue.

OROVILLE, Butte Co., Cal.—O. A. Peter, Oroville, awarded contract by Western Pacific Express Co., to construct addition and extensions to packing plant of Stewart Fruit Company. Construction will be started immediately.

SEATTLE, Wash.—Grant-Smith Co., Henry Bldg., Seattle, at approx. $150,000 awarded contract by Seattle Ice Cream Co., Seattle, to erect 2-story 186 by 120 ft. ice cream plant at Fourth Ave. and Atlantic street. John L. Graham, L. C. Smith Bldg., Seattle, architect.

FLATS

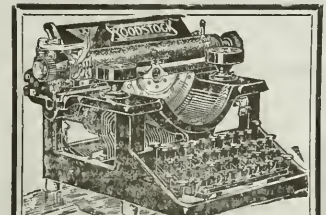
Contract Awarded.
FLATS Cost, $11,150
SAN FRANCISCO, S Anza 175 E 15th Avenue.
Two-story frame flats with basement garage.
Owner—Ivar D. Sellman.
Contractor—C. W. Johnson and Hjalmar Anderson, 163 Crocker Ave., San Francisco.

Contract Awarded.
FLATS Cost, $12,500
SAN FRANCISCO, N Greenwich W Laguna St.
Remodel present bldg and erect 2-story frame flats.
Owner—Adolph & Mathilda Spandan, 1958½ Greenwich, S. F.
Architect—Wm. A. Newman, 402 Post Office Bldg., S. F.
Contractor—T. L. Sharman, 1440 Shafter Ave., San Francisco.

Contract Awarded.
FLATS Cost, $12,000
SAN FRANCISCO, S Filbert St. 65 W Leavenworth.
Two-story & basement frame (2) flats.
Owner—Geo. Douglas.
Contractor—E. Blankenburg 3675 Jackson St., S. F.

Segregated Figures Being Taken.
FLATS Cost, $17,000
OAKLAND, Brooklyn Ave.
Two-story and basement frame and stucco flats and garage (2 6-room flats).
Owner—Mrs. Parks.
Architect—Williams, Wastell & Brown, American Bank Bldg., Oakland.

KING'S ORIENTAL STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

To Be Done By Day's Work.
FLATS Cost, $10,000
SAN FRANCISCO, E 19th Ave. 325 N Fulton.
Two-story & basement frame (2) flats.
Owner—Orrin Knox, 543 Balboa St., San Francisco.

Revised Figures Being Taken.
FLATS Cost, $13,000
SAN FRANCISCO, N Chestnut 164 E Van Ness Ave.
Two-story and basement frame (3) flats.
Owner—J. O'Connor.
Architect—Albert J. Fabre and E. H. Hildebrand, 110 Sutter St., S. F.
Figures are being taken for a general contract.

GARAGES

Permit Applied For.
GARAGE BLDG. Cost, $40,000
SAN FRANCISCO, S Market St. 216 E 15th St.
Two-story and basement reinforced concrete garage bldg. with gasoline storage tank of 600 gals.
Owner—Joseph Pasqualetti, Humboldt Bank Bldg., San Francisco.
Contractor — American Concrete Co., Humboldt Bank Bldg., S. F.

Contract Awarded
BUILDINGS Cost, $18,000
SAN FRANCISCO, N Market 55 E Waller.
Group of six auto laundry buildings, 1 concrete and five frame (stores, gasoline station, washing sheds etc.)
Owner—Central Finance Corp.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—A. L. Stone, Pacific Bldg.

Ready For Figures In a Few Days.
TERMINAL Cost, $200,000
LOS ANGELES, Cal., 6th and Los Angeles Sts.
Two-story and basement reinforced concrete auto stage terminal.
Owner—Louis R. Lurie, S. F.
Lessee—Pickwick Auto Stage Co.
Architect—O'Brien Bros. 318 Montgomery St., San Francisco.
Bids will be taken the end of the week from San Francisco contractors for a general contract.

LOS ANGELES, Cal. — Archt. W. Douglas Lee, 400 Sun Bldg., has completed plans and has the contract at $129,000 to erect a 4-story class A garage bldg. at 1348 S Figueroa St. for Mrs. Costello to be occupied by the J. V. Baldwin Motor Co., 1201 S Figueroa St. Reinf. conc. constr., 4-story and basement, 72x200 ft., cement facing, art stone trim, comp. rfg., cement and tile fls., plate glass, steel sash, 2 elec. elevators, metal skylights, wire glass, ornam. iron work.

LOS ANGELES, Cal.—R. R. Edwards Bldg. Co., 6330 Hollywood Blvd., has the contract to erect a two-story Class A garage building on Selma Ave. near Wilcox Ave., for Gibson & Goodspeed. Dimensions, 62x225 ft., reinforced concrete walls, frame floors and roof slab, composition roofing, steel sash. Cost, $50,000.

LOS ANGELES, Cal.—Dr. Jos. Delmas, San Francisco, has secured a 99-year lease on the property at the northeast corner of 6th St. and Kenmore Ave. from J. B. Lilly and Paul B. Fletcher and contemplates the erection of a Class A garage with a capacity of 750 cars. Plans had originally been prepared by Architects Walker & Eisen, for a six-story reinforced concrete garage building to be erected on the site. These plans will be used but the building will be increased to 8 stories in height. Dr. Delmas is represented by A. C. Vaughn, Detwiler Bldg.

SAN DIEGO, Cal.—See "Hotel," this issue.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO — See "Waterworks," this issue. Bids wanted for 20-in. booster pump.

LOS ANGELES, Cal.—Until Oct. 15, 11 a. m., bids will be rec. by U. S. Engineer Office, 725 Central Bldg., for dredging in Los Angeles harbor. Further information on application to above.

SAN FRANCISCO—Until Sept. 24, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4814-483, for fur. and del. Rio Vista, Solano County: 8 coils each of the following sizes of Manila Rope, 2-in., 3-in., 3½-in., 4-in., and 4½-in. To be best quality "Ship" or "Marine". Further information on request.

WASHINGTON, D. C.—Until Sept. 26, 10:30 a. m., bids will be rec. by General Purchasing Agent, Panama Canal, for fur. and del. Balboa (Pacific Port), following materials under Circular No. 2333: Resistence wire, electric space heaters, push carts, casters, cupboard catches, drawer locks, gate hooks and eyes, steel tapes, brushes (foundry, whitewash, and oval marine), chair seats, air hose, lumber crayons, lump chalk, Taffrail logs, colored cotton rags, paint, varnish, slushing compound, whiting, burning oil, indexed books, paper and lumber (cedar, poplar and ash). Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

PUGET SOUND, Wash.—Otis Elevator Co., Washington, D C., at $6,650, time 150 days, awarded contract by Bureau of Yards and Docks, Navy Department, to install electric freight elevator at ammunition depot, Puget Sound, Wash. Specification No. 4864.

PEARL HARBOR, T. H.—Bureau of Yards and Docks, Navy Department, rejects bids under Specification No. 4799 to construct piers and wharves at Pearl Harbor, T. H.

SAN DIEGO, Cal.—Wright Bros. 4581 Edgewood Rd., San Diego, at $7,116 (items 1 and 2) awarded contract by Bureau of Yards and Docks, Navy Department, to erect paint and oil storehouse at San Diego, under Specification No. 4809; time for completion 90 days.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, for fur. and del, materials to Navy Yards as follows (date for opening bids are noted at end of each paragraph):
Schedule 1302, for San Diego, 600 light window glass. Oct. 9.
Schedule 1303, for Mare Island, 1660 pounds magnet wire, Oct. 9.
Schedule 1305, for Mare Island, 5700 pounds iron or steel wire and 2900 pounds do, Oct. 9.
Schedule 1308, for Puget Sound, Wash., 10,080 pounds muriatic acid, Oct. 9.
Schedule 1309, for Puget Sound, Wash., 500 pounds glue, Oct. 9.
Schedule 1310, for Puget Sound, 2000 pounds monel metal, Oct. 9.
Schedule 1311, for Puget Sound, 200 gollons interior varnish and 250 gallons spar varnish, Oct 9.
Schedule 1314, for San Diego, 25,000 china bowls and cups, Oct. 9.
Schedule 1315, eastern and western yards, Douglas fir and redwood, Oct. 9.
Schedule 1321, eastern and western yards, miscellaneous lumber, Oct. 9.
Schedule 1322, eastern and western yards, ash, Oct. 9.
Schedule 1323, eastern and western yards, miscellaneous oak, Oct. 9.
Schedule 1326, eastern and western yards, miscellaneous copper pipe and tubing, Oct. 9.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured—Bids Close Sept. 24, 1923, 12 noon.
STORE & LODGE BLDG. Cost $—
LOS BANOS, Merced Co., Cal.
Two-story hollow tile and brick store and lodge building.
Owner—Masonic Temple Assn.
Architect — Henry F. Starbuck, 2550 Merced St., Fresno.

Plans Complete.
SOCIAL HALL ETC Cost, $22,000
SAN FRANCISCO, SW Francisco and Alamany Ave.
Two-story and basement frame and stucco social hall and private garage.
Owner — Roman Catholic Archbishop, 1100 Franklin St., San Francisco.
Architect—John O. Lofquist, 1399 Tamalpais Ave., Berkeley.

MARTINEZ, Contra Costa Co., Cal.—Building Committee of Knights of Pythias Building Association are considering several sets of plans and specifications for new structure it proposes to erect on site at Ward and Castro streets. It is expected that a selection will be made shortly.

HOSPITALS

Plans Being Figured
ADDITION Cost, $12,000
PETALUMA, Sonoma Co., Cal.
One-story frame and stucco 10-room addition to hospital.
Owner—Petaluma General Hospital.
Architect—Brainerd Jones, 110 Washington St., Petaluma.
Figures are being taken for a general contract from local contractors.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 616

JOOST BROTHERS
Builders' Hardware Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Figures To Be Taken Shortly.
NURSES' HOME Cost, $25,000
MARTINEZ, Contra Costa Co., Cal., adjoining County Hospital.
Two-story hollow tile nurses home.
Owner—Contra Costa County.
Architect—James T. Narbett, 910 MacDonald Ave., Richmond.
One-third acre of land adjoining the County Hospital has been purchased and is now being graded. As soon as the grading is complete bids will be called for.

LOS ANGELES, Cal.—Until 11 A. M., Oct. 8, bids will be received by county supervisors for water sterlizers and equipment for the communicable diseases building at the general hospital.

HOTELS

Contract Awarded.
HOTEL Cost, $39,470
FRESNO, 1325-47 Tulare St.
Hotel.
Owner—How Ah Quai.
Contractor—Fisher & McNulty, Mattei Bldg., Fresno.

Plans Being Prepared.
HOTEL ETC. Cost $—
SAN DIEGO, San Diego Co., Cal., N Broadway bet. 1st and Front Sts.
Four-story and basement class A hotel and auto bus terminal (100 rooms)
Owner—Pickwick Stages Inc. (Louis R. Lurie et al) S. F.
Architect — O'Brien Bros., 318 Montgomery St., San Francisco.

SAN JOSE, Cal.—See "Banks, Stores and Offices," this issue.

SANTA BARBARA, Cal.—A. C. Blumenthal and his associates are negotiating for the purchase of the Ambassador Hotel grounds. They propose to subdivide the tract, and build a casino and hotel. No further details have been made public.

SAN PEDRO, Los Angeles Co., Cal. —Architect Otto H. Neher, Henry assenberger, Associate, Marsh-Strong Bldg., are preparing plans for a 15-sto. and basement Class A hotel building to be erected at the southeast corner of 7th St. and Pacific Blvd., San Pedro, for D Barnes of Robert Marsh & Co. It will be 80x125 ft. and will contain 250 rooms, 100% baths; reinforced concrete construction, pressed brick and cast stone facing, elevators, steam heating. Cost, $400,000.

COVINA, Los Angeles Co., Cal.—Architects Train & Williams, 226 Western Mutual Life Bldg., are taking revised bids for the two Class A dormitory buildings to be erected at Covina for the Masonic Homes of California. Bids were originally taken for all work complete in one contract and now are being taken separately on the general work, plumbing, wiring, painting and heating. Reinforced concrete and brick construction. Cost, $200,000.

POWER PLANTS

SAN FRANCISCO — Pacific Gas and Electric Co., 445 Sutter St., San Francisco, seeks authority of State Railroad Commission, to sell $10,000,000 bonds to acquire additional property and for the construction of additions and betterments on the properties of the P. G. and E Co., and Mt. Shasta Power Corp.

PUBLIC BUILDINGS

Contract Awarded.
FIELDHOUSE Cost, $29,941
SAN FRANCISCO, Funston Playgrounds Chestnut and Laguna Sts.
One-story frame and stucco fieldhouse.
Owner—Board of Park Commissioners of San Francisco.
Architect—None.
Contractor—Anderson & Ringrose, 320 Market St., San Francisco.
Heating and Ventilating awarded to J. E. O'Mara, 218 Clara St., at $4100.
Electrical work to Flatland Co., 1959 Mission St. at $1632.

FULLERTON, Orange Co., Cal.—W. G. Reed, 814 Pacific-Southwest Bank Bldg., Broadway and American Ave., Long Beach, was low bidder at $107-000 for erecting (a) foundation, walls and roof; and at $197,000 (b) for erecting the building complete. W. Horace Austin, 222 First Natl Bank Bldg., Long Beach, archt. Other bids were: W. D. Coon, Fullerton, (a) $117,000; (b) $218,000; Holman & Tully, Santa Ana, $140,115; (b) $229,196; C. T. McGrew & Sons (a) $139,970; (b) $229,323; J. D. Shearer, (a) $148,428; (b) $225,597. Two-sto. and basement, brick, steel and concr.; steel frame and joists, concr. fls. and rf. stucco exter., hardwd. inter. trim, terrazzo, tile and cem finish fls., art stone columns and trim, steam htg.

FULLERTON, Orange Co., Cal.—Wm. G. Reed, 814 Pac. Southwest Bank Bldg, Long Beach, submitted low bid to city trustees Sept. 11, at $197,000 on bid A, building complete, and at $107,000 on bid B, roughing in only, for the erection of the new city hall bldg. in accordance with plans prepared by Archt. W. Horace Austin, First Natl. Bank Bldg., Long Beach and John C. Austin, 1125 Detwiler Bldg., Los Angeles, assoc. archt. Bldg. will be 2-story 105x103 ft., with loggia, assembly hall. There will be an auditorium in the basement with stage, motion picture apparatus, dressing rms., kitchen, etc.; chamber of commerce quarters, etc., besides main city offices. Steel and concr. constr., stucco and trera cotta exter., hardwood pine and marble trim, terrazzo fls. Palms and other tropical plants will be used to further the Spanish style. The site is Spadra Ave. and Whiting St. Other bids were: H. D. Coon, Fullerton (a) $218,000; (b) $117,000; Homan & Pulley, Santa Ana, (a) $229,196; (b) $140,115; C. T. McGrew & Son, Long Beach, (a) $229,323; (b) $139,970; J. D. Sherer, Long Beach, (a) $255,597; (b) $148,428.

MODESTO, Stanislaus Co., Cal.—City Council rejects bids to erect two bungalow fire stations and new bids will be asked shortly. L. A. Love is city clerk.

SAN FRANCISCO—Van Emon Elevator Co., 1161 Howard St., at $17,813 submits low bid to Bd. Pub. Wks. to repair elevators in public buildings. Otis Elevator Co. submitted only other bid at $18,740.

LODI, San Joaquin Co., Cal.—City trustees have purchased site, 160 by 170 ft., at Pine and Pleasant streets on which it is proposed to erect new city hall. The structure will be financed through a bond issue.

MODESTO, Stanislaus Co., Cal.—Until Sept. 26, 7:30 p. m., bids will be rec. by L. A. Love, city clerk, to erect two bungalow firehouses. Cert. check 10% payable to Mayor req. Plans obtainable from clerk.

RESIDENCES

To Be Done By Day's Work.
DWELLINGS Cost $3000 each
OAKLAND, Davidow & 69th Aves.
13 1-story 5-room dwellings.
Owner—L. V. Davidow, Hanshaw Bldg. Oakland.

Contract Awarded.
RESIDENCE Cost, $15,535
BERKELEY, Lots 12 & 13 Map Oak Vale Claremont.
Two-story frame residence and garage
Owner — Dean F. H. Probert, 2711 Stuart St., Berkeley.
Architect — Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor—A. Cederborg, 1445 Excelsior Blvd., Oakland.

Contract Awarded.
RESIDENCE Cost, $11,353
LOS GATOS, Santa Clara Co., Cal. Reservoir Road.
Two-story frame residence.
Owner—Z. A. Macabee, Los Gatos.
Architect—Chas. S. McKenzie, Bank of Italy Bldg., San Jose.
Contractor—E. R. Leedy, Los Gatos.

Contract Awarded.
BUNGALOW Cost, $15,783
SAN JOSE, Santa Clara Co., Cal. Naglee Terrace Lot 22.
One-story stucco and frame bungalow and garage.
Owner—Emily B. Azevedo, San Jose.
Architect—W. C. Berry, 151 Martin St., San Jose.
Contractor—G. M. Latta, 25 Rhodes Court, San Jose.

Contract Awarded.
RESIDENCE Cost, $13,164
PALO ALTO, Santa Clara Co., Cal. University Park, Lot 4 Blk 90.
One-story frame and stucco residence and garage (9 rooms).
Owner—Dr. Robert G. Reynolds, 133 University Ave., Palo Alto.
Architect—John K. Branner, 519 California St., San Francisco.
Contractor—The Minton Co., Mountain View, Calif.

Plans Being Figured.
RESIDENCE Cost $—
SAN FRANCISCO, Portola Drive near Santa Clara Ave.
Two-story frame and stucco residence and garage.
Owner—Wm. Saunders.
Architect—Henry H. Gutterson 278 Post St., San Francisco.

Plans Being Figured.
DWELLING Cost, $5000
BERKELEY, College Ave.
One-story and basement frame dwelling (5 rooms) and garage.
Owner—Ottis F. Johnson.
Architect—Williams, Wastell & Brown, American Bank Bldg., Oakland.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH
ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

LOS ANGELES, Cal.—Archt. John R. Kibbey, 826 Loew State Theatre Bldg., is completing plans for a 15-room colonial residence to be erected on Muirfield Rd. at the head of 5th St., for Neil S. Carthy. Frame constr., 2-story, shingle exter. and roof, steam htg. system, 5 tiled baths, basement, colonial mantels, hardw. fls, O. P. and hardw. trim, water htr., garage and servants' quarters in rear.

LOS ANGELES, Cal.—Archt. Carleton M. Winslow, 921 Van Nuys Bldg., is completing plans for a 10-room Italian residence to be erected on Nottingham Rd., Hollywood Hills Tr., for A. I. Root. Frame constr., 2-story, gunite exter., tile rfg., basement, gas unit htg. system, hardwood fls. and trim, tile baths, stone mantels, aut. water htr., ornam. iron work, patio, landscape work; 3-car garage with servants quarters above; $35,000.

LONG BEACH, Cal.—C. T. McGrew & Sons, 1345 W. Ocean Ave., Long Beach, are preparing plans and will erect a two-story 14-room and part basement, frame dwelling at Alamitos Bay for Mr. and Mrs. R. G. Swaffield. Foundation, 87x53 ft.; stucco exterior, tile roof, ornamental iron balconies, plate glass windows, 3-car integral garage, Alaska grey and black marble floors in living room, dining room and main hall, black walnut trim in 3 rooms, clear oak trim in all other rooms, 4 tile baths, gas heating.

SCHOOLS

Plans Being Figured—Bids Close October 16, 1923, 12 noon.
GYMNASIUM Cost, $65,000
SAN FRANCISCO, State Teachers College.
Two-story reinforced concrete gymnasium with tile roof and steel sash.
Owner—State of California.
Architect—Geo. B. McDougall, Division of Architecture, Forum Bldg., Sacramento.
The first floor will contain lockers, shower rooms, offices, etc., and the second floor two gymnasiums with maple floors and open terrace.
Plans may be obtained from the Division of Architecture on a deposit of $25.
See official proposal in this issue.

Plans Being Figured.
SCHOOL BLDG. Cost, $375,000
SANTA ROSA, Sonoma Co., Cal.
Reinforced concrete and brick high school buildings (Main building, Auditorium and gymnasium.
Owner—Santa Rosa High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco and W. F. Herbert, Rosenberg Bldg., Santa Rosa, associated.
Bids have been ordered advertised and will probably be opened on October 22nd.

SANTA CRUZ, Santa Cruz Co., Cal—Until Oct. 2, 2:30 p. m. bids will be rec. by B. Rice, clerk, Scotts Valley School District, for fur. and del. 25 Moulthrop chair school desks or equal Samples must accompany bids to be displayed in office of county sup't. of schools at Santa Cruz

LOS ANGELES, Cal.—Macdonald & Driver, Douglas Bldg., were low bidders at $244,076 on the general contract for erecting the Part Time school bldg. on 16th St. between Hill St. and Grand Ave. Noerenberg & Johnson, L. A. Ry. Bldg., archts. Low bidders on the other contracts were: W. W. Brooks on plumbing at $16,500; L. Z. Brown on heating at $37,917; H. H. Mann on painting at $3580; and H. H. Walker on wiring at $7124. The bldg. will be 3-sto., designed for 6-sto., 265x100 ft.;reinf. concvr. construction. Appropriation, $400,000.

LOS ANGELES, Cal.—The architectural department of the board of education has been authorized to prepare plans and specifications for a new building to be erected at Brooklyn Ave. school site. It will contain 12 rooms and will be of brick construction. Cost, $84,000.

SACRAMENTO, Cal.—Until Oct. 1, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, for fur. and del. f. o. b. schools, twelve 3-burner gas stoves with oven and broiler, Clark Jewel, Detroit Jewel or eq. Cert. check 10% payable to Board of Educ. req. Further information obtainable from secretary.

SACRAMENTO, Cal.—Until Oct. 6, 2 p. m., bids will be rec. by A. Van Maren clerk San Juan Union High School District, to erect auditorium-gymnasium addition. Eugene J. Seadler, architect, 301 Mitau Bldg., Sacramento. Cert. check 10% payable to dist. req. Plans obtainable from architect. **See call for bids under official proposal section in this issue.**

NAPA, Napa Co., Cal.—Brisbin and Coutts, Napa, at $4250 submits low bid to Browns Valley School District to erect one classroom frame and stucco school. The contract will be awarded that firm. Only one other bid was submitted, which was in excess of the amount available for construction.

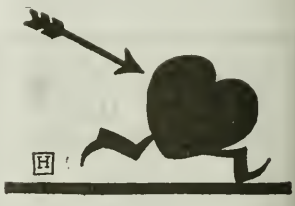
EL MONTE, L. A. Co., Cal.—Until 9:30 a. m., Sept. 29, bids will be received by trustees of Savannah school dist. for erecting a new school bldg. on San Julian Ave., Rosemead Cal., near El Monte. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., archts. The bldg. will contain 4 classrooms and auditorium. It will be frame and plas. const. with tile and comp. rfg., pine trim, blackboards, etc. Bids will be taken for all work complete in one contract.

TRANQUILLITY, Fresno Co., Cal.—Until Sept. 29, 2:30 p. m., bids will be rec. by Robert C. Brown, clerk, Tranquillity Union High School District to erect one-story school auto bus garage. Ernest J. Kump Co., architects, Rowell Bldg., Fresno. Cert. check 10% payable to clerk req. Plans obtainable from clerk.

AUBERRY, Fresno Co., Cal.—Bids are being rec. (date not set) by H. L. Wheeler, Clerk, Big Sandy School District, to erect one room school building. Plans obtainable from Clerk at Auberry.

ON MONDAY last.
• • •
IN THE dining room.
• • •
OF THE St. Francis Hotel.
• • •
CLARENCE SAND Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
OF SACRAMENTO, Marysville and San Francisco.
• • •
HAD THE pleasure.
• • •
OF RENEWING old friendships.
• • •
WITH KENNETH C. Beaton (K.C.B.)
• • •
WHO IS on his honeymoon.
• • •
SANDY PRATT, producer.
• • •
OF CLEAN, sharp sand.
• • •
FELT FLATTERED.
• • •
THAT K. C. B.
• • •
EVEN REMEMBERED him.
• • •
FOR YOU must remember.
• • •
THAT K. C. B.
• • •
HAS MET thousands of people.
• • •
SOME OF the most prominent ones.
• • •
IN THE United States.
• • •
AND YOU must realize.
• • •
THAT K. C. B. moved.
• • •
FROM SAN Francisco some time ago.
• • •
SANDY TOLD K. C. B.
• • •
THAT HIS autographed picture.
• • •
WAS STILL hanging.
• • •
ON THE wall.
• • •
OVER SANDY'S roller-top desk.
• • •
THIS SEEMED to please K. C. B.
• • •
FOR HE is human.
• • •
LIKE THE rest of us.
• • •
IN FACT.

HIS STORIES are so human.
• • •
THAT HE commands.
• • •
ONE OF the highest salaries.
• • •
OF ANY writer in the world.
• • •
WHILE SANDY Pratt.
• • •
HAS TO buy space.
• • •
IN ORDER for people.
• • •
TO READ.
• • •
WHAT SANDY has to say.
• • •
BUT SANDY has this advantage.
• • •
OVER K. C. B.
• • •
SANDY CAN live in California.
• • •
WHILE K. C. B.
• • •
HAS TO live in New York.
• • •
AND THE cold and snow.
• • •
SO SANDY is willing.
• • •
TO PAY for this space.
• • •
IF THEY will let him.
• • •
LIVE IN dear old California.
• • •
"I THANK you."



Cupid and his pierce arrow hits them all, whether they are big and well-known writers like K. C. B. or some humble unknown fellow at some cross roads near Sandy Pratt's sand producing plants. Geo. Dixon, of Old Mission Cement fame, and one of the girls on the Daily Pacific Builder was hit by the same arrow.

DEL PASO, Sacramento Co., Cal.—Until Sept. 29, 3 p. m., bids will be rec. by W. E. Peck, clerk, Del Paso Heights School District, to paint school; body to receive one finish coat pure white lead and boiled linseed oil; roof, one coat of chrome green and pure linseed oil. Cert. check $25 req. with each bid. Spec. and further information obtainable from clerk.

MERCED, Merced Co., Cal.—Until 8 p. m. Sept. 28, bids will be recd. by trustees of Merced Union High school dist. for (contract No. 5) plastering, (contract No. 4) tile roofing, (contract No. 10) heating and ventilating, for new auditorium annex for Merced union high school. Allison & Allison, 1405 Hibernian Bldg., L. A., archts., and W. E. Bedesen, Merced, engr., associate. Cert. chk. or bond, 5%. Deposit for plans, $20. H. K. Landram, clk.

SAN MATEO, San Mateo Co., Cal.—Until Oct. 4, 6 p. m., bids will be rec. by J. R. Murphy, clerk, San Mateo Union High School District, for furnishing auditorium chairs, grading, driveways, walks, fencing, stage equipment, painting high school and gymnasium. Specifications for driveways and grading obtainable from office of city eng. Other specifications on file in office of principal at high school.

FAIRFAX, Marin Co., Cal.—Until Sept. 28, 7 P. M., bids will be rec. by C. W. Dietrich, Clerk, Fairfax School District, for fur. and del. tools for manual training departments. Complete lists of materials desired together with blanks for bidding may be obtained from clerk of district.

RICHMOND, Contra Costa Co., Cal.—Until Sept. 28, 2 P. M., bids will be rec. by W. T. Hels, Secretary, Richmond Union High School District, for fur. and install opera chairs, stage curtain, light fixtures, printing equipment; const. conc. sidewalks, etc., for high school. Cert. check $250 payable to Sec'ty. req. with each bid. Spec. and forms for bidding obtainable from Sec'ty.

LOS ANGELES, Cal.—Callahan, Schilling & Brown, San Fernando Bldg., were low bidders at $34,475 on the general contract for erecting a new shop building at Jefferson high school site. Low bidders on the other contracts were: Pacific Gas Radiator Co. on heating at $1299, and H. H. Walker on wiring at $1276. Appropriation, $40,000.

BURLINGAME, San Mateo Co., Cal.—Bids were opened on September 17th, at 8 P. M., by the Burlingame School District Board of Trustees, for the construction of a one-story frame and brick veneer addition of four classrooms and an auditorium to the Oak Grove School and for a two-room addition to the Roosevelt School. Plans were prepared by Architect Ernest Norberg, 407 Occidental Ave., Burlingame and Balboa Bldg., San Francisco.

General Contract—Oak Grove School

R. C. Stickle, So San Francisco	$42,730
Chas. Peterson, San Mateo	46,802
J. E. Branagh, Oakland	46,805
E. W. Baysinger	47,487
Sample & Cody, S. F.	48,000
E. S. Shaver, San Mateo	64,230

E. K. Nelson of San Francisco submitted the lowest bid at $37,500, but it was rejected on account of being irregular.

General Contract—Roosevelt School

J. E. Branagh, 184 Perry St. Oakland	$15,913	$ 500
R. C. Stickle	16,379	1700
Chas. Peterson	17,283	1250
E. S. Shaver	26,290	1688
E. W. Baysinger	16,497	1725

E. K. Nelson submitted the lowest bid at $14,300 but it was rejected as being irregular.

Steam Heating and Plumbing

	Oak Grove	Roosevelt
Herger & Kerr, 8 Tehama St. San Francisco	$6700	$3220
Morrison & Blair	6988	3535
H. B. Newman	7514	4216

The Williams Radiator Co. of San Francisco submitted a bid for gas heating for the Roosevelt School at $968. The bids were taken under advisement until September 24th.

RENO, Nevada—Until Sept. 25, 4:30 p. m., bids will be rec. by Theo. W. Clark, clerk Reno School District No. 10, for furnishing window shades, furniture and other equipment for junior high school. Complete lists of materials desired obtainable from office of supt. of high school.

SAN FRANCISCO—Until Sept. 24, 2 P. M., bids will be rec. by Leonard S. Leavy, City Purchasing Agent, 270 City Hall, for fur. and delivering steel lockers for school department. Blanks for bidding and further information will be furnished on application.

LOS ANGELES, Cal.—Anton Johnson Co., Union Bank Bldg., was low bidder at $82,535 on the general contract for erecting a new building at Sherman school site' Homer W. Glidden, architect. Low bidders on the other contracts were: E. W. Crowell on plumbing at $5816; Thos. Haverty Co. on heating at $7049; Leo. H. Hubbert on painting at $3136, and Newbery Electric Corp. on wiring at $3025. Appropriation, $90,000.

LOS ANGELES, Cal.—Anton Johnson Co., Union Bank Bldg., was los bidder at $76,265 on the general contract for erecting a new building at Ramona school site, Santa Monica Blvd. and Normandie Ave.; Lyman Farwell, architect. Los bidders on the other contracts were: E. W. Crowell on plumbing at $7339; Leo. H. Hubbert on painting at $1800; Western Engr.-Constr. Co. on wiring at $3326.40. Appropriation, $105,000.

LOS ANGELES, Cal. — Wm. Stacko, 1710 W. Adams St., has been awarded the general contract at $68,200 for erecting a new school bldg. at Malabar St. school site. Harlow M. Kimball, archt. Other contrs. were awarded as follows: Plumbing to W. H. Robinson at $4440; heating to Thos. Haverty Co. at $5280; wiring to H. H. Walker at $2076; painting to H. H. Mann at $2498.

LOS ANGELES, Cal.—Wm. Stacko, 1710 W. Adams St., has been awarded the general contract at $45,000 for erecting an addition at Los Feliz school site. A. S. Heineman, archt. Other contracts were awarded as follows: Plumbing to G. C. Sutton at $4165; heating to J. Hokom at $5641; painting to Wickens & Empie at $960; and wiring to H. H. Walker at $1200.

RIVERSIDE, Riverside Co., Cal. — Until 7:30 p. m., Sept. 21, bids will be received by the board of education for the erection of the Riverside jr. college bldg. at cor. Riverside and Terracina Drives. Bids will be taken on (1) general contracts and (2) plumbing, heating and metal work. Plans and spec. on file at office of G. Stanley Wilson, 646 W. 9th St., Riverside. Cert. check or bond 5%. A. N. Wheelock, clerk.

LOS ANGELES, Cal. — Callahan, Schilling & Brown, San Fernando Bldg., were low bidders at $46,780 on the general contract for erecting a new building at Aragon Ave. school site; W. D. Lee, architect. Low bidders on the other contracts were: E. W. Crowell on plumbing at $2298; West. Engr.-Constr. Co., heating, $7800; L. H. Hubbert on painting at $1438, and H. H. Walker on wiring at $1663. Appropriation, $70,000.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost, $9000
BERKELEY, 2242-4-6 Bancroft Way.
One-story concrete store building.
Owner—F. E. Romie, 418 Newton Ave., Oakland.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor — Leslie R. Wilson, 2216 Blake St., Berkeley.

Segregated Figures Being Taken—Bids Close Sept. 24, 1923.
ALTERATION Cost—
SAN FRANCISCO, Sharon Bldg. 1st floor, NE Cor. New Montgomery & Jessie Sts.
Alter first floor for display rooms.
Owner—Sharon Estate.
Lessee—Crane Co.
Architect—Lewis P. Hobart, Crocker Bldg., S. F.

Plans Being Completed—Cont. Awarded
STORE BLDG. $100,000 approx.
OAKLAND, Alameda Co., Cal., 13th and Clay Sts.
Four-story reinforced concrete store building.
Owner—Chas. J. Heeseman.
Lessee—Jackson Furniture Co.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
Contractor—E. L. Leiter & Son, 3601 West St., Oakland.

Contract Awarded.
STORE BLDG. Cost, $13,000
OAKLAND, SW 20th & Grove Sts.
One-story brick store building.
Owner—B. C. Allyn, 316 Lenox Ave., Oakland.
Contractor—Chas. Stockholm & Sons, 548 Monadnock Bldg., S. F.

Completing Plans—Figures To Be Taken In a Month.
BANK Cost $—
SAUSALITO, Marin Co., Cal.
One-story and mezzanine floor reinforced concrete bank 55x83.
Owner—Bank of Sausalito.
Architect—H. H. Winner Co., Sharon Bldg., San Francisco.

Sub-Figures To Be Taken Next Week.
DEPARTMENT STORE Cost $125,000
SAN FRANCISCO, W Mission St. near Twenty-second St., 130 ft. on Mission Street.
Reconstruct three-story and basement frame department store building (concrete walls, tile front, etc.)
Lessees — Wm. R. Davis & Bro., 2533 Mission St., San Francisco.
Owner—Kiel Estate.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., San Francisco.
Contractor — Stockholm and Son, Monadnock Bldg., San Francisco.
Sub-figures will be taken for the plumbing, heating, electrical work, plastering, painting, etc.

Sub-Figures To Be Taken Shortly.
OFFICE & PLANT Cost, $350,000
SAN FRANCISCO, Grant Ave. & Beach adjoining present plant.
Two-story reinforced concrete (brick exterior) office and plant bldg. 275 by 137-6.
Owner—Otis Elevator Co., Beach and Stockton Sts., S. F.
Engineer—Engineering & Construction Division of owner.
Mgr. of Construction—P. J. Walker Co. Sharon Bldg., San Francisco.
The structure will house the Pacific Coast Division Headquarters.
The excavating has been awarded to the San Francisco Motor Drayage Co.
The Walker Co. will be ready to take sub-figures on all parts of the work in two weeks.

Plans To Be Prepared.
OFFICE ETC. Cost, $—
SAN JOSE, Santa Clara Co., Cal.
Six to 10-story class A office, apartment and hotel bldg.
Owner—Withheld.
Architect—Weeks & Day 318 Montgomery St., S. F.

Contract Awarded.
ALTERATIONS. Cost, $45,000
SAN FRANCISCO, NW Valencia & 16th Sts.
Alterations and addition to bank.
Owner—Mission Savings Bank, Valencia and 16th St.
Architect—W. H. Crimp & Hamilton Murdock, 425 Kearny St.
Contractor—Wm. A. McKee, 951 Eddy Street.

To Be Done By Days Work.
STORE BLDG. Cost, $18,000
SAN FRANCISCO, S Geary 90 10 E 1st Avenue.
One-story concrete and frame store building.
Owner—Central Furnace Co.
Architect—Wm. F. Gunnison & H. P. Merritt, 57 Post St.

Contract Awarded.
STORE BLDG. Cost, $18,000
SACRAMENTO, Cal. No. 1016 Tenth Street.
One-story store building.
Owner—Silvins & Trueblood, 423 J St., Sacramento.
Architect—None.
Contractor—Chas. Peterson, Motor B, Box 221, Sacramento.

Ready for Figures In a Few Days.
STORE AND OFFICE Cost, $20,000
GILROY, Santa Clara Co., Cal.
Two-story reinforced concrete store and office building.
Owner—Withheld.
Architect—Binder & Curtis, 255½ S-First St., San Jose.

MERCED, Merced Co., Cal.—Dr. E. T. Webb, Usona, Calif., is having plans prepared for a 2-story business block to be erected in Seventeenth street, Merced.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick Wallis, 716 S Spring St., are preparing plans for a 13-story class A store, office and loft bldg., to be erected at s.e. cor. 7th and Spring Sts., for Cahn, McCabe Co. Steel frame constr., 58x135 ft., press. brick and terra cotta facing, comp. rfg., 3 elec. elevators, hollow tile partitions, metal skylights, tile and marble work, copper store fronts, plate glass; it will have lobby and 7 stores on first fl. with offices and lofts above. Bids on struc. steel will be taken soon.

LOS ANGELES, Cal. — Archt. Kenneth Macdonald, Brack-Shops Bldg. is preparing plans for a 14-story and basement class A bldg. to be erected on east side of Broadway bet. 8th and 9th Sts., for A. C. Blumenthal and assoc it will be leased to the Wurlitzer Organ Co. It will be of reinf. conc. constr. with terra cotta facing and will cost about $1,000,000.

LOS ANGELES, Cal.—J. V. McNeil Co, H. W. Hellman Bldg., has been awarded the general contract at $605,000 for erecting an 11-sto. and basement class A store and loft bldg. and 2-sto. and basement class A shipping bldg., at n. e. cor. of 9th and Los Angeles Sts for Milton G. Cooper, Curbett & Beelman. 408 Union Bank Bldg., archts. Excavation has been completed under separate contract and elevators, plumbing, wiring, heating, sprinkler system, metal chutes etc., will be let separately The main bldg. will be 150x150 ft and shipping bldg. 98x103 ft.; reinf. concrete construction, plas. exter., steel sash. etc.

LOS ANGELES, Cal.—Edwards, Wildey & Dixon Co., 515 Black Bldg., has the contract at $450,000 for all work complete for erecting a 14-story and basement class A office and loft bldg. at s.w. cor. of 17th and Los Angeles Sts. for F. W. Johnson and assoc. A portion of the bldg. will be occupied by the Transportation Club and the bldg. will be known as the Transportation Bldg. Walker & Eisen, 325 Pac. Finance Bldg., are the archts. The bldg. will be 90x110 ft., reinf. conc. constr., press. brick and terra cotta facing, plate glass, elevators, stea mhtg., marble and tile work.

PASADENA, Los Angeles Co., Cal.—John H. Simpson, 685 S. Euclid Ave., Pasadena, has been awarded a contract at $56,815 for erecting a 2-story brick store, bank and office building at the northeast corner of Colorado St. and Euclid Ave., Pasadena, for the Security Trust & Savings Bank. It will contain 5 stores, branch banking room, and 15 offices; dimensions. 65x115 ft., brick walls, selected brick and stucco finish plate glass, steel lintels, composition roofing, metal skylights, cement and wood floors, bank fixtures, vaults. John Parkinson and Donald B. Parkinson, 420 Title Ines. Bldg., Los Angeles, are the architects.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

LOS ANGELES, Cal.—Archts. Elwin P. and Chas. E. Norberg, 704 Union Bank Bldg., are completing plans for a 3-story bank, store and office bldg., to be erected at Main and Tamarind Sts., Compton, for the Bank of Compton. Brick walls, 3-story., terra cotta exter., 66x110 ft., comp. rfg., plate glass, struc. steel, reinf. conc. vault, steel sash, tile and marble work.

PASADENA, L. A. Co., Cal.— Scofield Engr. -Constr. Co., Pac. Finance Bldg., have been awarded a contract on a fixed fee basis for erecting a class A bank and office bldg. at s. e. cor. of Marengo Ave. and Colorado St., Pasadena, for the Pacific Southwest Trust & Savings Bank. It will cost about $1,250,000. Curlett & Beelman, 408 Union Bank Bldg., archts. The bldg. will be 8-sto. and basement, 146x214 ft., steel frame constr., brick filler walls, reinf. concr. fls., press brick and terra cotta facing, marble and tile work, bank fixtures, elevators, steam htg.

LOS ANGELES, Cal.—Macdonald & Kahn, Loew State Bldg., have been awarded a contract at approx. $850,000 for all work complete for erecting a 12-story and basement class A store and office bldg. at the s.e. cor. 9th and Olive Sts., for the Sun Realty Co. Curlett & Beelman, 408 Union Bank Bldg., archts. Dimensions, 86x160 ft., reinf. conc. constr., press. brick and terra cotta facing, plate glass window, comp. rfg., fire escapes, hardwood trim, marble and tile work, 4 elevators, steam htg., vacuum cleaning.

THEATRES

LOS ANGELES, Cal.—Archt. Wm. Lee Woollett, 1211 Pacific Mutual Bldg., has completed revised plans and is taking bids for extensive alterations to Rialto Theatre at 812 S Broadway for Sid Grauman; work will include 93 additional seats, new front and entrance, new offices, restrooms and lobby. Brick walls, plas. front, tile and comp. rfg., art. stone trim, tile and marble fls., ornam. plas.; $35,000.

WHARVES AND DOCKS

RICHMOND, Contra Costa Co., Cal.—City Engineer H. B. Chapman instructed to prepare plans and specifications for a second pier at the municipal wharf. A. C. Faris is city clerk.

SAN DIEGO, Cal.—U. S. Lighthouse Service announces that a 100-ft. wharf inshore from the Ballast Point light will be constructed shortly. The wharf will be used for storage of spare buoys and other navigation equipment. H. W. Rhodes, inspector for 18th lighthouse district.

LOS ANGELES, Cal.—Austin Co. of California, A. G. Barlett Bldg., submitted low bid to harbor comm., Sept. 12 at $88,600 for constructing steel frame shed for cotton compress at Municipal Pier No. 1; Spec. 520. Other bids were: Winston Co., $95,000; Willard Brent Co. $98,439.05; Anton Johnson, $104,970.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
BUILDING Cost, $10,400
SAN FRANCISCO, S 19th St. 80 E Valencia.
Two-story frame building.
Owner—G. Biscotto, 3481 19th St., San Francisco.
Architect—L. Mastropasqua, 580 Washington, S. F.
Contractor—Onofrio Fraumeni.

SAN FRANCISCO — Lovett Roofing Co., Mills Bldg., at $2.98 sq. ft. awarded contract by State Board of Harbor Commisioners for roofing on Piers No. 9 and 34 and to Jas. Cantley, at $1.43 for roofing on Piers 16 and 18.

Sub-Figures Being Taken—Contracts Awarded.
STORE & TERMINAL Cost, $200,000
SAN FRANCISCO, S E Fifth and Jessie Streets.
Two-story and basement reinforced concrete auto stage terminal store and loft building.
Owner—Louis R. Lurie.
Lessees — Pickwick Corp. and Pacific Auto State Lines.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco.
Sub-figures are being taken by the contractors on the following work:
Terra cotta partitions.
Sheet metal work.
Floor tile.
Miscellaneous iron work.
Contracts have been awarded as follows:
Reinforcing steel to Gunn-Carle Co.
Electrical work to Atlas Elec. Co.
Plumbing to J. J. McLeod.
Glass to W. P. Fuller & Co. .. ..

Figures Being Taken From Selected List of Contractors—Bids Close Sept. 24, 1923, noon.
PUB. PLANT BLDG. Cost $—
SAN FRANCISCO, Mission, 5th, Minna and Mary Sts.
Three-story and basement reinforced concrete publishing plant bldg.
Owner—Chronicle Publishing Co.
Architect—Weeks & Day 318 Montgomery St., San Francisco.
Engineer—Leland & Haley.
Bids are being taken for a general contract.

ALHAMBRA, Cal.—Work has been started by So. Cal. Edison Co. on its new $800,000 general store plant on a 26 acre tract of land in Alhambra, bet. S. P. tracks, Marengo and Raymond Aves. The plant will consist of 8 units, with a total floor area of 5 acres. The store bldg. will be 200x500, with conc. fl., and of fireproof constr. Steel and glass sides and steel roof. The test dept. bldg. will be 120x260; other bldgs. will be an open storage shed, 80x400 ft.; shop, 120x260 ft.; open-air pole treating plant. Spur tracks, loading cranes, etc., will be installed. The company keeps on hand under the jurisdiction of its general storekeeper, about $7,000,000 of materials and supplies. A secondary storage dept. is maintained at Visalia.

SANTA BARBARA, Cal.—J. P. Sullivan, 2127 Hollister Ave., Santa Barbara, has the contract and has work under way on the new $400,000 orphanage building being erected by the Sisters of St. Vincent on their 30-acre property near Goleta. The structure will be three-story with two-story wings of Spanish architecture There will be a hospital and surgical ward for care of the children. Soule, Murphy & Hastings, 1206 State St., Santa Barbara, are the architects.

SAN FRANCISCO — C. B. Sovig, 180 Jessie St., at $110, awarded contract by State Board of Harbor Commission to redress front of Ferry Building. J. A. Mohr and Son submitted a bid of $1600 to sand blast the structure and W. J. Sheller, $1920.

SAN FRANCISCO—Until Oct. 17, 3 p. m., bids will be rec. by Bd. Pub. Wks. to paint bridges at 3rd, 4th, 6th and Channels Sts., and at 3rd and Islais Creek; estimated cost $19,500. Spec. obtainable from City Engineer's Offices, 3rd floor City Hall.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Foreign and Domestic Trade Bureau, Chamber of Commerce, Merchants' Exchange Bldg., San Francisco:

7467 — Vysocan, Germany. Manufacturers of colored pencils, chalk, water colors and school requisites desire to establish a market in this territory.

7468—Vienna, Austria. Manufacturers of an electric hell desire to communicate with interested importers.

7470—Seraing, Belgium. Firm in position to supply large quantities of European Continental pig iron desires to communicate with interested houses in this city.

7471—Rio de Janeiro, Brazil. Attorney and counsellor-at-law offers his services to local business houses contemplating extending their operations to Brazil. Is capable of handling all legal and commercial matters.

7475 — San Francisco, Calif. College graduate, with three years experience, is going to China. Expects to reside there permanently and would like to communicate with San Francisco firms interested in having a representative on the ground.

D-818—Beverly Hills, Calif. Party desires to get in touch with wholesalers of tan bark, to be used in connection with the construction of a system of bridle paths. Is in market for large quantity, prices f. o. b. Los Angeles.

D-819 — New York, N. Y. Importers and jobbers of baskets, willow ware and house furnishings desire to obtain a resident representative in San Francisco to handle their line. Interesting proposition to live wire.

D-820 — San Francisco. Experienced credit man and accountant desires position with possibilities of advancement.

LEADS FOR BUSINESS

ATTORNEYS — B. J. Feigenbaum, 68 Post to 406 Montgomery.
ACCOUNTANTS — Garrett, Harrison, Skinner & Hammond, 332 Pine.
C. E. Van Dame, 14 Montgomery.
AUTOMOTIVE — Oliva & Cochran (shop) 1430 Bush.
Ramspring Bumper Co. (was Sphinx Products Corp.) 1143 Post.
BANK SERVICE—Chamberlin Ltd., 681 Market.
BED FACTORY—Pacific Spring Bed Co Berkeley to move factory from 2331 4th St., Berkeley to 900 High St., Oakland.
BRUSHES—The Fuller Brush Co., 1916 Broadway, Oakland, have leased 3-story building at 620 Franklin St., Oanland for its western
CAMPAIGN HEADQUARTERS—James Rolph, Jr., Loews Warfield Bldg.
CANDY—Mrs. Holdorf, 2221 Mission.
Elmer Martin, 1596 Church.
West Candy Kitchen, 2521 24th.
CANDY—Albert Sheets Mission Candy 63 Powell will open one of the new stores in the Wilson Bldg. (about 971 Market)).
CHIROPRACTORS—C. R. Willett, 1005 Market to Loew Warfield Bldg.
CLEANING AND DYEING — Reliable Cleaners, 1263 47th Ave.
DENTISTS—A. J. Daneri, 2004 Union.
J. E. Gavin, 1461 Hyde.
A. J. Zumwalt, 209 Post.
DRUGS—Swan Drug Co (Roy A. Stauffer, 900 Divisadero) will open a store 5195 5197 Geary cor. 16th Ave. about Oct. 1st. THIS IS A RED HOT TIP FOR STORE FIXTURES ETC.
FURNITURE—Sonnenschein Brothers, showroom 1215 Market.
FURS—I. C. Gloss, 47 Geary.
GLASS—Tyre Bros. Glass Co 668 Townsend to move from 668 Townsend to building recently vacated by Goodyear Rubber Co., 539 Mission in about 60 days.
HAY & GRAIN—A. W. Scott & Co., to move from 112 Pine St. to Matson Bldg.
IMPORTERS—Forbes Co., Inc. 582 Market Street.
LEATHER GOODS—Cosbie & Lawless, 287 12th (not 12th Ave. as previously reported).
MACHINES—Automatic Cain Lock Machine Co. (Mr. Cooper) will move 340 Sansome to Folsom between 8th and 9th.
MFRS AGENTS—David N. Morgan, 681 Market.
MARKETS — Max Breithaupt (meat) 519 Cortland Ave.
METAL—S. F. Steel Products Co., 44 Natoma to Call Bldg.
MILLINERY—North side Ellis west of Powell is moving.
MUSICAL INSTRUMENTS — Rudolph Wurlitzer Co. to open branch in Mission soon.
OIL—Border Oil Co., Warfield Bldg.
OIL TANKS — Tokheim Oil Tank & Pump Co., Sharon Bldg. will move their warehouse from Oakland to 524 2nd, in part of the new building recently taken over by Palmolive Soap Co. You can get dope from Mr. Walters.
PETROLEUM — American Petroleum Corp. will move from Santa Fe Bldg. to Royal Insurance Building soon.
PHYSICIANS—C. E. Hoffman, 870 Market.
Dr John Loutzenhelser, 295 Miramar.
PUBLICATIONS—More Money Publishing Co., Hearst Bldg.
Text Book Publishing Co., 95 9th.
PHONOGRAPHS — Carola Phonograph Co. (Forbes Co., Inc.) 582 Market.
RESTAURANTS—Allan Lunch (1st report Sept. 4) 405 Eddy.
Bull Pup Cafe, 648 Great Highway.
J. Connor, 79 Annie Lane.
Hungarian Grill reopened by Mrs. Julia Gross, 89 Turk.
SIGNS—Market Sign Shop, Crystal Palace Market.
TAILORS—Scheer & Goldstein, 712 Sutter.
TAILOR — T. Tomasso, a tailor, will move from 5 Kearny to 243 Kearny soon.
TRUNKS, ETC.—The store recently vacated by the California Cafe, 45 Powell St. has been rented to David Silverstein. This man operated a chain of trunk and suit case stores in L. A. and is branching into Northern California territory. Understand he thinks well of this region. He operates under the name of the Broadway Luggage Shop.
MISCELLANEOUS—Dr. Jas. W. & Nellie Hatton, 466 Geary.
Home & School Education Society, Hearst Bldg.
Floyd Jones & Co., 112 Market.
Marian Mfg. Co., 154 Sutter.
Moore Push Pin Co., Board of Trade Building.
STOCKS AND BONDS—Fraser & Goldstein (was Don J. Fraser & Co.) 321 Bush.
STUDIOS—Miss Matulich (dance) 2732 Folsom.
TAILORS—B. Gutermann bought Harry Kirsh, 1128 Fillmore.
Benj. Herman, 992 Pine.
TENTILE—M. G. Colman, Gillette Bldg.
TRANSPORTATION—Ocean Fruit Express Co. plans $750,000 terminal in Oakland.
Melnotte McCants succeeds Col. C. N. Black general manager Market St. Ry. Company.
AUTOMOTIVE—Geo. Kotsotas buying Avenue Rental Co., 418 Golden Gate Ave., Sept. 25.
CAMPAIGN HEADQUARTERS—Mabel Born Hirst, 660 Market.
CANDY—Mrs. Nellie Maloney buying 4039 18th Sept. 24.
COMMISSION — P. Lerner Company 134 Drumm, 328 Clay, Oct. 1.
DRY GOODS—Richard M. O'Neill buying 2862 24th, Sept. 24.
ENGINEERS — R. H. Channing, Jr. (mining) 592 Market.
FURNITURE — Cherin Furniture Co., 717 Valencia.
GROCERS — K. Klippel (and confection) 512 27th Ave. opening business on Geary soon.
FLOUR AND FEED—Fischer Flouring Mills (R. H. Bonner) 200 Sacramento to 214 Front.
FURRIERS — Landsberg Bros., 294 O'Farrell, Oct. 1.
HABERDASHERS—To open about 203 Powell.
HARDWARE — Chicago Hardware Foundry (with Chicago Wire Chair Co.) 116 N Montgomery.
ICE CREAM—Geo. B. Bent buying 3553 Fillmore, Sept. 25.
LUBRICATING OIL & GREASES — Pennzoil Co., Monadnock Bldg., having office and warehouse building erected on S Bryant 310 W 5th St.
MACHINE WORKS—Christie Machine Works, 193 Fremont to 222 Howard.
MACHINERY—Bickford Printing Machinery Co., 507 Mission to 163 3rd.
MAIL ORDER—Bertha Studios (R. S. Ross, E. J. Murphy) 1095 Market.
MANUFACTURING AGENTS — J. P. Armstrong, 582 Market.
C. J. Erickson, 673 Folsom.
MILLINERY—Fanchon, 208 to about 204 O'Farrell soon.
MOTION PICTURES—West Coast Production Co., 516 Phelan Bldg.
OPTOMETRISTS—L. G. Beckett (with Mutual Drug Co.) 4th and Market.
REAL ESTATE—Clear Lake Gardens, 760 Market.
Paul S. Berger buying Bessie Lee Inn 1714 Vallejo, Sept. 25.
Agaila, 550 Haight.
SECURITIES—General Securities Co., (M. Eisenstadt) 333 Pine.
SHOE REPAIRING — American Lake Shoe Repairing Co. (B. De Patta), 3343 Mission to move Oct. 1 to 22 29th St.
STEAM SPECIALTIES—F. W. Beggs, 171 2nd to 55 New Montgomery.

TAILORS—M. Tornek, 564 to 575 Geary.
TALKING MACHINES — The Victor Talking Machine Co. are having a factory erected on 78th Ave. in Oakland. Wm. Knowles, Hearst Bldg., S. F., and Central Bank Bldg., Oakland, is the architect and manager of construction.
TRANSPORTATION—Bay Side Steamship Co. (with Bay Side Redwood Co) 216 Pine.
Consolidated Motor Freight Lines, Inc., 690 Mission.
TYPEWRITERS — Royal Typewriter Co., 9 Main to 126 Post.
MISCELLANEOUS — Brown's Instrument Repair Depot, Call Bldg.
Benbow Development Co., 369 Pine.
Lloyd Brooks, Inc., Spreckels Bldg., to Hearst Bldg.
Milton Bradley Co., 20 2nd to Mission and 2nd in January.
Geo. A. Beanston Co., 240 Battery to 255 California.
W. L. Bailey, Santa Fe Building.
AUTOMOTIVE — Gasave Divide Co., (agency) 519 Van Ness Avenue.
BEAUTY PARLORS—Irene Shoppe, 533 Post Street.
BOOKS—Mrs. C. F. Sage, 1318 Polk St.
BRASS FOUNDRY—M. Greenberg's Sons from 225 Beale St. to their new building at 765 Folsom St. Phone Sutter 2040.
CANNERIES — Sierra-Pacific Canning Co., See J. W. Mailliard Jr., 203 California Street.
CHIROPRACTORS — Thos. Kay, 1005 Market St.
COMPRESSED AIR MACHINERY—P. H. Reardon Co., 57 1st St., will move about Sept. 20th to 665 Howard St.
DRAYAGE — Harrington Bros., 657 Hayes Street.
ELEVATORS—Enterprise Elevator Co., 531 Jessie St.
FURNITURE—Brewer & Rife, 945 Clement Street.
GLASS AND BOTTLES—Max Meyer (Co-operative Glass Co) Santa Marina Bldg.
GROCERS—A. S. Leavitt, 1466 Haight
IMPORTERS — Brazilian Coffee Co. (with Chernoff Agencies, Inc.) 41 Fell
INSURANCE—John Hancock Mutual Life Insurance Co., Elbert H. Brock, Vice-Pres. and Wm. B. O'Connor, Mgr. are at St. Francis Hotel. To open in Standard Oil Bldg
LINOYTPING—W. H. Hinton, 95 9th.
PAINTING—J. G. Exley, 393 Valencia to 1740 Howard.
PHYSICIANS—Dr. G. E. Chapman, Chronicle Bldg.
PIANO TUNERS—L. S. Otis, 1282 Market St.
PLUMBERS—Carrick & Moran, 245 6th
PUBLISHERS—Hikes & Travel Publishing Co., 632 Mission.
RESTAURANTS — High Life Lunch, 1900 Fillmore.
SIGNS—Albany Sign Co., 84 6th.
TAILORS—Napoleon Tailoring & Sales Co., 6279 3d to 19 Redondo.
Harry Schaffer, 325 Kearny.
TRANSPORTATION—Shippers Service Bureau, Warfield Bldg.
MISCELLANEOUS—Ahrens Fox Fire Engine Co., 440 Howard.
Wren Products Co., 6512 Mission.
ATTORNEYS—Bush Finnell, 321 Bush to 1 Montgomery.
A. B. Dunne (with P. F. Dunne) 620 Market.
J. H. Ankele, 220 Montgomery.
J. B. Freeman, 870 Market.
Harry W. Gallet, 681 Market.
J. R. Kelly, 760 Market to 220 Montgomery.
AUTOMOTIVE—Baker Electric Truck Distributors, Board of Trade Bldg.
Haynes Auto Repair Shop, 72 Olive.
Commercial Truck Co., 55 New Montgomery.
BROKERS — Emery Blum, 406 Montgomery.
BRASS FOUNDRY — M. Greenberg's Sons, 225 Beale to 765 Folsom.
BUTCHER SUPPLIES — F. O. Kraul, 430 14th.
CHARCOAL—Carbon Fuel Products Co. Exposition Bldg.
CHIROPRACTORS—Dr. F. G. Linebarger, 376 Sutter.
Chiropractic Electronic Institute, Caffney Building.
CHEMICAL—D. D. Chemical Co., 1427 Post.
CLEANING — Lindstrom & McCargar, 3673 Sacramento.
CLOTHING—Marx & Haas Clothing Co. 821 Market.
DOMESTIC SCIENCE—Mrs. Belle DeCraf, Call Bldg. to 406 Montgomery.
FURNACES—Otto Bernz Co., 41 Spear.
GOWNS—Ernest Arnold, 406 Sutter.
GROCERS — Henry Bearwald, buying from H. U. Kepner, 2601 Diamond September 21.
J. J. Healy to buy from Wm. La Fontaine, 198 Collingwood, Sept. 21.
HABERDASHERY—The Leader, 3186-22nd changing hands Sept. 24.
INSURANCE—H. A. Dunn (broker) Cal Coml. Union Building.
Central Mfrs. Mutual Ins. Co., 433 California.
A. T. Archer, 114 Sansome.
INSULATION—Formica Insulation Co. 461 Market.
LUMBER—Central Box & Lumber Co., Consular Building.
MILLINERY—Chas. N. Kietz Co., 733 Market.

CALIFORNIA
PLATE & WINDOW
GLASS
COMPANY.
1477 EDDY ST.
SAN FRANCISCO.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

Official Proposals

NOTICE INVITING SEALED PROPOSALS

(Sewage Disposal—City of Visalia)

Notice is hereby given that sealed proposals or bids will be received by the City Clerk of the City of Visalia, Tulare County, California, **up to 7:30 o'clock P. M., Monday, the 1st day of October, 1923,** at which time all bids will be publicly opened at the city Council Chambers in the said City of Visalia.

Said bids shall be for furnishing all labor, materials and tools required for building and constructing a sewage disposal plant on the land owned by the city of Visalia in Section 35 of Township 18 S., Range 24 E., and in all respects completing the said work and appurtenances in accordance with the plans and specifications on file in the office of the said City Clerk.

The work comprises the construction of a modified Imhoff type septic tank, concrete-lined influent and effluent channels, bar screen, sludge drying bed, water piping system, and other appurtenant construction.

Copies of the plans and specifications may be obtained by depositing with the City Clerk or the City Engineer of said City of Visalia the sum of $10.00, which amount will be refunded when the plans and specifications are returned in good condition within 30 days following the awarding of the contract.

Anyone failing to return said plans and specifications within the said time limit will forfeit their deposit to the City of Visalia.

Each bid must be accompanied by a check for at least ten (10) per cent of the amount of the bid or proposal, certified to by some responsible bank, and made payable to the order of the Treasurer of the City of Visalia, which check shall be forfeited and become the property of said City in case the bidder neglects or refuses to enter into the contract for performance of the work contemplated by said bid, or to furnish satisfactory bond for labor and materials and for faithufl performance of the work within ten dyas after the date of awarding of the contrct.

The City Council of the City of Visalia reserves the right to reject any and all bids.

All bids must be submitted upon froms obtained from the said City Clerk.

IDA MARKHAM,
City Clerk.

Dated September 14, 1923.

BIDS WANTED FOR NEVADA STATE HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned **on October 3, 1923,** for constructing portions of the State Highway System as follows:

(1) Bids received until and opened at 1:30 P. M., for constructing a Steel Bridge over the Humboldt River near Deeth in Elko County.

(2) Bids received until and opened at 2:00 P. M., for constructing a Timber Truss Bridge over the Muddy River near Moapa, Clark County.

Plans may be examined and form of proposal, contract, and specifications secured at the office of the undersigned. May also be examined at the County Clerk's Office in Elko for Elko County Work and Las Vegas for Clark County Work, the Division Engineer's office in Elko, Las Vegas or Reno, and District Office of Bureau of Public Roads, Bay Building, San Francisco, California. Cash deposit of Fifteen Dollars ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided, that they are returned within thirty (30) days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5 per cent of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specification, conditioned for the faithful performance of the provisions of the Contract and Specification.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

> A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate:** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

BIDS WANTED FOR GYMNASIUM

(Two-story Reinforced Concrete Structure)

NOTICE TO CONTRACTORS

Sealed bids will be received by Geo. B. McDongall, State Architect, Chief Division of Architecture, Forum Building, Sacramento, California, up to and including **12 o'clock noon Tuesday, October 16th, 1923,** said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the work required for the erection and completion of a Gymnasium, State Teachers College, San Francisco, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by Said Division of Architecture.

Cash, a bidders bond, made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the said Division of Architecture, at Sacramento, California in good condition.

The Division of Architecture, State Department of Public Works reserves right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDongall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope: "Proposal for Gymnasium, State Teachers College, San Francisco, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE
Geo. B. McDongall,
State Architect,
W. F. McClure,
Director of Pub. Works

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO BIDDERS

(City of Modesto—Fire Hose

Notice is hereby given that sealed bids or proposals will be received by the City Clerk at his office in the City Hall, 717 10th Street, in the city of Modesto, not **later than 7:30 o'clock P. M., on the 26th day of Septemeber, 1923,** for furnishing the following material:

Five thousand (5000) feet, two and one-half (2½) inch double jacket rubber lined, fire hose, fifty (50) foot lengths coupled, Standard Pacific Coast Thread.

All proposals or bids shall be accompanied by a certified check drawn upon same solvent bank in the State of California, payable to the order of the Mayor of said City of Modesto, which check shall be for an amount not less than 10% of the sum total or aggregate of the proposal or bid.

The City Council reserves the right to reject any or all proposals or bids. By order of the City Council of the City of Modesto, County of Stanislaus, State of California.

L. A. LOVE,
City Clerk.

NOTICE CALLING FOR BIDS

(San Juan Union High School District)

Notice is hereby given by the undersigned, the Trustees of the San Juan Union High School District of Sacramento County, in the State of California, that on **Saturday, the sixth day of October, 1923, at the hour of 2 P. M.,** of said day at the office of the principal of said San Juan Union High School in the High School Building in said district, sealed bids will be opened for the erection and completion of an Auditorium-Gymnasium Addition to said building, according to the plans and specifications therefor on file with the clerk of this Board and duplicates whereof are to be seen in the office of Engene J. Seadler, Architect, 301 Mitau Building, Sacramento, California.

All bids must be accompanied by a certified check payable to said Union High School District in a sum equal to ten per centum of the amount of such bid as evidence of good faith.

(Signed) A. VAN MAREN,
Clerk of the Board of Trustees, San Juan Union High School District.

Pressure of the housing situation in Oakland schools, occasioned by the increase in the number of children each year into the schools has made it necessary to provide 337 portable classrooms at various schools this year, according to Superintendent of Schools Fred M. Hunter.

Engineering News Section

BRIDGES

SANTA ROSA, Sonoma Co., Cal. — Until Oct. 8, 12 m., bids will be rec. by W. W. Felt, Jr., county clerk, to const. rein. conc. bridge over Crane Creek on Hill road from Santa Rosa to Penngrove, 3rd Supervisorial District, involv. 165 cu. yds. rein. conc.; 375 cu. yds. fill for approaches; total est. cost $5400. Plans obtainable from office of clerk on deposit of $10, returnable.

SAN JOSE, Santa Clara Co., Cal.—County Surv. instructed to prepare plans for rein. conc. culverts, as follows: 2 on Alma St.an d one on Madalena Rd., in Supervisor Dist. No. 5. Henry A. Pfister, county clerk.

SAN JOSE, Santa Clara Co., Cal. — Until Oct. 15, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const. rein. conc.bridge on Uvas road over Uvas creek; reinf. conc. culvert in Live Oak ave. near Orchard Ave., supervisor district one; rein. conc culvert on Alma st. over Barron and Adobe creeks in supervisor dist. No. 5; reinf. conc. bridge on Jackson Ave. over Silver creek in supervisor dist. No. 2. Spec. on file in office of clerk.

SANTA ROSA, Sonoma Co., Cal. — Until Oct. 8, 12 m., bids will be rec. by W. W. Felt Jr., county clerk, to const. rein. conc. bridge on Pleasant Ave. rd. 1½-mi. east of Windsor in 3rd Supervisorial District, involv. 124 cu. yds. reinforced concrete, est. cost $3850. Plans obtainable from clerk on deposit of $10, returnable.

HOLLISTER, San Benito Co., Cal.—Until Oct. 1, 2 p. m., bids will be rec. by Elmer Dowdy, county clerk, to const rein. conc. culvert and cattle pass on Hollister and Cienega rd. at the Watson place in Supervisor Dist. No. 3. Cert. check 10% payable to clerk req. Plans on file in office of clerk. W. A. Winn, county surv.

CARSON CITY, Nevada.—Until Oct. 3 2 p. m., bids will be rec. by State Highway Commission,Geo. W. Borden, state highway eng., to const. timber truss bridge over Muddy river near Moapa, Clark county, involv. 47.6 M ft. B. M. timber, complete in place; 2160 lin. ft. timber piles, complete in place; 292 sq. yds. asphaltic wearing surface. Plans on file in office of commission at Las Vegas, Reno and Elko, Nevada and the office of the Bur. of Pub. Rds., 9 Main St., San Francisco. **See call for bids under official proposal section in this issue.**

CARSON CITY, Nevada.—Until Oct. 3, 1:30 p. m., bids will be rec. by State Highway Commission, Geo. W. Borden, state highway eng., to const. steel bridge over Humboldt river near Deeth in Elko county, involv. 350 cu. yds. excavation for structures; 50,000 lbs. structural steel, in place; 160 cu. yds. Class A conc. Plans on file in offices of Commission at Reno, Las Vegas and Elko, Nevada and the Bur. of Pub. Rds office (8 Main St.) Bay Bldg., San Francisco. **See call for bids under official proposal section in this issue.**

SAN RAFAEL, Marin Co., Cal.—Until Oct. 2, 2 p. m., bids will be rec. by Rob. E. Graham, county clerk, to construct conc. arch culvert crossing Miller Creek at entrance to county farm in Lucas Valley, Rd. Dist. No. 1. Cert. check 10% payable to Chairman of Bd. of Supervisors req. Plans obtainable from Clerk.

SACRAMENTO, Cal.—F. G. Fawcett, Galt, Calif., at $1990 awarded cont. by supervisors for reflooring Consumnes river bridge at Bridgehouse.

SAN RAFAEL, Marin Co., Cal.—Until Oct. 2, 2 p. m., bids will be rec. by Rob. E. Graham, county clerk, to replace piles under county bridge over Corte Madera creek at Greenbrae; also for repair of second bridge north of San Clemente station on the San Rafael and San Clemente in rd. Dist. 2. Cert. check 10% payable to Chair. Bd. of Sups req. Plans obtainable from clerk.

SAN MATEO COUNTY, Calif.—J. L. Harrington Bridge Co., Kansas City, Mo., authorized by War Department to construct bridge at Dumbarton over San Francisco bay; total est. cost, $2,500,000. Plans for the structure are being prepared by Engineers Harrington, Howard and Ash, Kansas City, Mo.

PLACERVILLE, El Dorado Co., Cal. —Until Oct. 2, 11 a. m., bids will be rec. by Arthur J. Koletzke, county clerk, to const. rein. conc. girder bridge over Dry Creek crossing on Coloma and Green Valley road. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from Henry Lahiff, county surveyor, on deposit of $10, returnable.

MONROVIA, Calif.—See "Bonds" in this issue.

UKIAH, Mendocino Co., Cal.—F. W. Steele and H. J. Hoff, at $11,615.92 **awarded cont.** by count ysupervisors to const. bridges on Hornbrook Creek and Grist Creek and the culverts at Osage and Henry Creeks. Other bids were: Proctor & Ceghorn, $13,413.48; Gordon Baechtel, $15,807.96; A. T. Howe $14,477.58; A. W. Biggers, $13,903.20; J. G. Leibert,$11,959.12; C. H. Gildersleeve $14,845.96.

MONTEREY COUNTY, Calif—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Oct. 1, 2 p. m. to const. bridge in Monterey county, over San Lorenzo creek near King City, 240-ft.lon g, and 21-ft. wide bet. curbs, consisting of 3 60-ft. and 2 30-ft. rein. conc. girder spans supported on piers and bents, together with approx. ½-mi. of approaches to be graded. The project involv. 2900 cu. yds. roadway embankment, 585 cu. yds. class A and 470 cu. yds. class C Port. cem. conc. R. M. Morton, State Highway Eng.

MADERA, Madera Co., Cal.—County Surveyor J. O. Rue preparing spec. for new bridges in 5th Rd. Dist Truss bridge over Willow creek on Hildreth rd. to O'Neals, 80-ft. long. Truss bridge on O'Neals to North Fork rd., 43-ft. long. Bridge on North Fork to on Califa highway over Ash Slough, Bass Lake rd., 75 ft. long and bridge 750-ft. long.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

LOS ANGELES, Cal.—Application has been made by the Pacific Electric Railway company for approval of plans and location of a trestle railway bridge 460.42 ft. long and 12 ft. wide across an arm of Alamitos bay, 1100 feet from the east city limits of Long Beach, and 7800 ft. from the mouth of Alamitos Bay. The bridge will be of usual pile construction, 15 ft. center to center between bents, and will have a removal span approximately 17 ft. wide and 41.08 ft. long, allowing 37.5 ft. in the clear between bolt heads with the span in its usual position, and headroom of 9.66 ft. above mean lower low tide and 3.86 ft. above mean higher high tide.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal.—Until Oct. 15, 11 a. m., bids will be rec. by U. S. Engineer Office, 725 Central Bldg., for dredging in Los Angeles harbor. Further information on application to above.

PORTLAND, Ore. — See "Machinery and Equipment." this issue. Plans ordered for $500,000 dredge.

LOS ANGELES Cal.—San Francisco Bridge Co., Nevada Bank Bldg., San Francisco submitted low bid to harbor comm., at 13.44c cu. yd. for dredging slip at berth 230 under spec. 429, involv. approx. 700,000 cu. yds.; start within 10 days; complete within 150 days Other bids were: United Dredging Co., 14.34c yd., 30-150 days; Los Angeles dredging Co., 15.94c yd., 150-315 days.

LOS ANGELES, Cal.—Clinton Constr. Co., 230 Stock Exchange Bldg., submitted low bid to harbor comm., at $131,600 to const. conc. viaduct and ramp for Harbor Blvd. under Spec. 409: begin in 10 days; complete in 225 days. Other bids were: Chas. Thompson $159,484, 15-180 days; Ross Constr. Co. $162,400, 10-180 days; Mercereau Bridge & Constr. Co., $170,500, 30-300 days; Smith Bros., Inc., and W. E. Callahan Constr. Co., $185,000, 15-180 days.

LOS ANGELES, Cal.—County supervisors ordered county surveyor to complete plans for the proposed Long Beach drainage system. The area affected is bounded by Anaheim Rd. Wardlow Rd., Cherry Ave. and the forces will work in conjunction with the Long Beach city engineering dept. A. H. Adams, asst. city engr., Long flood control channel. The county Beach.

SACRAMENTO, Cal.—State Reclamation Biord will ask bids at once to const. drainage system to provide for the reclamation of 1000 acres of land lying south of the Marysville Buttes in the Poodle Creek district.

IRRIGATION PROJECTS

CALIFORNIA—Following is a partial list of applications filed with the State Department of Public Works, Division of Water Rights, Sacramento, during month of August, for permits to appropriate water:

Application No. 3563 (Placer and Eldorado Counties) Fred P. Tuttle, Auburn, Cal., for 1200 cu. ft. per sec. and 400,000 ac. ft. per annum from Rubicon and American Rivers for municipal and domestic purposes for East Bay Municipal Utility District.

App. 3565 (Mendocino Co) Mrs. Anna Gambrel, Ukiah, Cal., for 1.3 cu. ft. per sec. from Russian River, for agricultural purposes. Proposes to irrigate 104 acres by pumping from Russian River.

App. 3571 (Los Angeles Co) Mildred B. Jones, Los Angeles, Cal., for 1.0 cu.

ft. per sec. from 2 unnamed canyons and tributary springs, for domestic purposes and irrigation of 85 acres. Est. cost $1000.

App. 3573 (Los Angeles Co) Ida M. and J. W. Kelly, Los Angeles, Cal., for 1 cu. ft. per sec. from unnamed group of springs, for domestic purposes and irrigation of 80 acres. Est. cost $3000.

App. 3575 (San Bernardino Co) Bertram W. Jack, Los Angeles, Cal., for 0.62 cu. ft. per sec. from an unnamed canyon, for the irrigation of 200 acres. Est. cost $10,000.

App. 3578 (Inyo Co) Big Pine Mining Co., Bakersfield, Cal., for 0.5 cu. ft. per sec. from a spring tributary to Wancoba Canyon, for mining purposes. Est. cost $7500.

App. 3579 (Lassen Co) Scott McArthur, San Francisco, Cal., for 2500 ac. ft. per annum from Horse Creek for the irrigation of 8000 acres. Est. cost $60,000.

App. 3585 (Calaveras Co) City of Stockton, Stockton, Cal., for 200 cu. ft. per sec. and 62,836 ac. ft. per annum from Highland Creek, for power purposes for use in the City of Stockton.

App. 3586 (Plumas Co) C. L. Tibbals, Sacramento, Cal., for 400 cu. ft. per sec. and 64,000 ac. ft. per annum, from Rock Creek, Chambers Creek, Crane Valley, North Valley Creek, 2 Campbell Lakes, 2 unnamed lakes, headwaters Rock Creek. All stored water to be rediverted from North Valley reservoir for generation of hydro-electric energy.

App. 3587 (Plumas Co) C. L. Tibbals, Sacramento, Cal., for 100 cu. ft. per sec. and 7000 ac. ft. per annum from Chipps Creek, Morris Lake, Lotts Lake and Spring Valley Lake, for generation of hydro-electric energy.

App. 3588 (Plumas Co) C. L. Tibbals, Sacramento, Cal., for 90 cu. ft. per sec. and 8000 ac. ft. per annum from Milk and Clear Creeks for generation of hydro-electric energy. Storage on Clear Creek.

App 3591 (San Luis Obispo Co) F. F. Peabody, Santa Barbara, Cal., for 111 ac. ft. per annum from Atascadero Creek and Wells, for agricultural and domestic purposes. Proposes to irrigate 80 acres, 3¾ miles 3-in. and 4-in. pipe line. Est. cost $16,825.

App. 3592 (Solano and Napa Co.) C. A. Tusch, Berkeley, Cal. for 375 cu. ft. per sec. and 100,000 ac. ft. per annum from Putah Creek, for irrigation of 30,000 acres.

App. 3593 (Lake and Yolo Co) Ray L. Allin, Sacramento, Cal., for (1) 650 cu. ft. per sec. (2) 400,000 ac. ft. per annum (3) 2000 cu. ft. per sec. from (1 & 2) North Fork Cache Creek (3) Cache Creek for agricultural and domestic purposes. Propose to irrigate 300,000 acres.

App. 3594 (Lake Co) Ray L. Allin, Sacramento, Cal., for 650 cu. ft. per sec. and 400,000 ac. ft. per annum from North Fork Cache Creek for power purposes. Proposes to develop 58,000 t. h. p.

App. 3595 (Lake, Yolo, Napa Cos) Ray L. Allin, Sacramento, Cal., for 6750 cu. ft. per sec. and 3,635,000 ac. ft. per annum from Clear Lake; North Fork Cache Creek; Cache Creek; Tiegler Creek and Putah Creek, for power purposes. Proposes to develop 215,000 t.h.p.

App. 3597 (Sonoma Co) E. Martinori, 14 Montgomery St., San Francisco, Cal for 0.062 cu. ft. per sec. and 5 ac. ft. per annum from Dutch Bill Creek for irrigation of 5 acres. Est. cost $1000.

App. 3598 (El Dorado Co) Placerville Lodge No. 1580 Loyal Order of Moose, Placerville, Cal., for 1 cu. ft. per sec. from an unnamed stream tributary to the South Fork American River for a summer recreation camp. Est. cost $2000.

App. 3599 (Humboldt Co) P. P. Hammer, Salyer, Cal., for 50 cu. ft. per sec. from Madden (or Campbell) Creek for mining purposes on placer mines. Est. cost $60,000.

App. 3605 (Colusa Co) Glenn D. Hurst San Francisco, Cal., for 52,000 ac. ft. per annum from Big Stony Creek for the irrigation of 11,000 acres.

App. 3606 (Glenn Co) Glenn D. Hurst San Francisco, Cal., for 3000 ac. ft. per annum from Dry Creek for irrigation of 1280 acres.

App. 3608 (Inyo Co) L. O. Ray and J. W. Messick, Bishop, Cal., for 0.75 cu. ft. per sec. from Black Canyon Spring, for mining, milling and domestic purposes. Est. cost $4000.

App. 3610 (Trinity Co) S. B. Ferguson Salyer, Trinity Co., Cal., for 1.13 cu. ft. per sec. from West Fork of Sharber Creek for irrigation of 90 acres. Est. cost $2000.

App. 3611 (Alpine Co) H. F. Dangberg Land & Live Stock Co., Minden, Douglas County, Nevada, for 4120 ac. ft. per annum from Monitor Creek and unnamed tributaries for stockwatering and domestic purposes and irrigation of 3640 acres. Est. cost, $50,000.

App. 3612 (San Bernardino Co) Alta Loma Vineyard Co., Cucamomonga, Cal. for 2.50 cu. ft. per sec. from an unnamed stream, for the irrigation of 260 acres of vineyard. Est. cost $5000 to $10,000.

App. 3613 (San Joaquin Co) Black Reclamation District No. 2093, Stockton Cal., for 54.4 cu. ft. per sec. from Mokelumne River, Otter Slough, Sycamore Slough and dredger cut connecting with sycamore Slough, for the irrigation of 4355 acres in above named sections.

App. 3614 (Mendocino Co) F. W. Hooper, Grass Valley, Cal., for 1½ cu. ft. per sec. and 25 ac. ft. per annum from an unnamed stream for the irrigation of 120 acres. Est. cost $2000.

App. 3616 (Santa Cruz Co) City of Santa Cruz, Santa Cruz, Cal., for 50 cu. ft. per sec. and 6000 ac. ft. per annum from Soquel Creek, for municipal purposes in the City of Santa Cruz.

App. 3617 (San Joaquin Co) Angelo Costa, Lodi, Cal., for 0.62 cu. ft. per sec. from Mokelumne River, for the irrigation of 50 acres. Est. cost $2500.

App. 3619 (Tehama Co) Mrs. C. H. Ewers and Margaret Mooney, Tehama, Cal., for 25 cu. ft. per sec. from 5 wells, for irrigation of 500 acres. Est. cost $7762.

PERMITS

Following is partial list of permits granted by Division of Water Rights during the month of August:

Permit No. 1488 (San Bernardino Co) Claud R. Yake, Randsburg, Cal., for .12 cu. ft. per sec. from Sheep Spring for mining and domestic purposes. Est. cost $5000.

Permit 1490 (Inyo Co) The City of Los Angeles, Los Angeles, Cal., for 10 cu. ft. per sec. from Cartago Creek for municipal purposes in the City of Los Angeles.

Permit 1493 (Sierra Co) L. L. Cleveland, Camptonville, Cal., for 4.17 cu. ft. per sec. from Oregon Creek and Jarrett Springs for irrigation of 333.4 acres. Est. cost $6134.

Permit 1494 (Alpine Co) W. F. Dressler, H. W. Settlemeyer and F. Neddenriep, Gardnerville, Nevada, for 1100 ac. ft. per annum from an unnamed stream tributary to Red Lake in Alpine Co., Cal., for irrigation of 1400 acres, stockwatering and domestic purposes. Est. cost $25,000.

Permit 1495 (Sierra Co) Ambrose Madden, Allegheny, Cal. for 20 cu. ft. per sec. from Kanaka Creek for power purposes. Proposes to develop 91 t.h.p. Est. cost $1000 exclusive of machinery.

Permit 1496 (Fresno Co) San Joaquin Light and Power Co., Fresno, Cal., for 175 cu. ft. per sec. from San Joaquin River for power purposes. Proposes to develop 6960 t.h.p. This is for an additional amount of water to be used through the same installation for which permits have already been issued

Permit 1497 (Inyo Co) Chas. C. Clark, Big Pine, Cal., for 1½ cu. ft. per sec. and 10 ac. ft. per annum from McMurray and Ellred Springs, for irrigation of 320 acres. Est. cost $1500.

Permit 1498 (Inyo Co) City of Los Angeles, Los Angeles, Cal., for 17 cu. ft. per sec. from Owens River, for municipal purposes in and near the City of Los Angeles. Est. cost $15,000.

Permit 1499 (Santa Clara Co) Lester, Gilker & Lester, Los Gatos, Cal., for 510 ac. ft. per annum from Los Gatos Creek for agricultural purposes. Proposes to irrigate 346 acres. Est. cost $15,000.

Permit 1500 (Santa Clara Co) F. W. Knowles, Los Gatos, for 2.22 cu. ft. per sec. from Los Gatos Creek, for agricultural purposes to irrigate 341.39 acres of land. Est. cost $5500.

Permit 1501 (Santa Cruz Co) J. G. Weltl, 1273 Eleventh Ave., San Francisco, Cal., for .25 cu. ft. per sec. from Mill Creek for agricultural purposes. Proposes to irrigate 44 acres. Est. cost 1200.

Permit 1502 (Santa Cruz Co) J. G. Weltl, San Francisco, Cal., for 0.65 cu. ft. per sec. from Mill Creek for power purposes to operate rams to lift water for irrigating purposes. Est. cost, $1215.

Permit 1503 (Lassen Co) Geo. T. Wood and Wm. McMaster, Termo, Cal., for 268 ac. ft. per annum and 7 cu. ft. per sec. from Shott Canyon for agricultural and domestic purposes. Propose to irrigate 560 acres. Est. cost, $5000.

Permit 1505 (Sonoma Co) W. S. & G. D. Smith, Rio Nido, Cal., for .025 cu. ft. per sec. from an unnamed stream for domestic and agricultural purposes. Proposes to irrigate ¾ acre. Est. cost $1200.

Permit 1506 (Butte Co) Harriet W. Brown and Geo. W. Greenwood, Oroville, Cal., for 1½ cu. ft. per sec. from Kings Creek and Lincoln House Ravine for domestic purposes and to irrigate 200 acres. Est. cost $1500.

Permit 1507 (Tulare Co) August E. Guhl, Bakersfield, Cal., for .37 cu. ft. per sec. from Marshall Meadow Canyon for irrigation of 30 acres. Est. cost, $1000.

Permit 1508 (Lassen Co) H. C. Watson, Bieber, Cal., for .025 cu. ft. per sec. from an unnamed spring for mining purposes. Est. cost $1000.

ARBUCKLE, Colusa Co., Cal.—Chamber of Commerce backs movement to raise water from the irrigation ditchh of Reclamation District 108 on the 25 ft. contour to the 250-foot contour for irrigation of apricot and almond orchards. Engineer Tibbitts of the district has prepared a plan, which includes raising the water from the end of the ditch, nearly 5-mi. from the river to the 250-foot contour in two lifts, requiring a double pumping system. The chamber of commerce has started a campaign to raise funds for a preliminary survey, which will cost between $150 and $300.

ANDERSON, Shasta Co., Cal.—Directors of Anderson-Cottonwood Irrigation District order sale of last $25,000 block of bonds from $200,000 issue. Proceeds of sale will finance improvements in the district. John H. Larkin, ch. eng.

BAKERSFIELD, Kern Co., Cal. — Nov. 10, is date set for election to decide on the formation of the proposed Kern River Water Storage District comprising approx. 250,000 acres. Construction of the works included in the project will cost approximately $15,000,000.

PHOENIX, Ariz.—Until 3 p. m., Oct. 5, bids will be rec. by directors of Verde River Irrigation & Power Dist., Maricopa county, for purchase of bonds voted Aug. 7, amounting to $23,000,000. Bonds will be $1000 ea. and issued in five series; 6%. Cert. check 5%. Okie Zimmerman, secy.

PHOENIX, Ariz. — Tentative plans for a power and irrigation project on the Bill Williams river, to cost approx $3,000,000 and involving the const of a series of four dams, are announced by R. M. Stene of Los Angeles through W. S. Norviel, his local representative and former state water commissioner. Plans call for power dams on the Trout and Burro creeks and Santa Maria river, all tributaries of the Bill Williams, and on the Bill Williams below the points where these streams empty into it. The plan is to put the water of the streams to double use for power purposes and later make it available for the irrigation of approximately 50,000 acres of rich agricultural land in the Parker district. An organization has been incorporated under Arizona laws as the Williams River corporation, o....cers and directors being R. M. Stene of Los Angeles, a former resident of the Williams river country; J. S. Griffin of Phoenix, W. S. Norveil of Phoenix, Harley E. Rigbecker of Los Angeles. The latter is gins of Los Angeles, and Tracy C. assistant district attorney of Los Angeles county. Arrangements have been completed with Roger C. Rice, district engineer of the U. S. geological survey for Arizona, for the establishment of stream guaging stations and four additional rain gauges on the streams viel. The cost of this work will be on the watersheds, declared Mr. Nor- $10,000. The engineering firm of Sonderreger & Hincks has been retained by Mr. Stene to make complete project plans.

LIGHTING SYSTEMS

PACIFIC GROVE, Monterey Co., Cal. —H. C. Reid & Co., 115 Mission St., San Francisco, at $10,300 awarded cont. by city trustees to install electrolier system in Forest Ave., bet. Pine and Sinex Aves. and in Lighthouse Ave., bet. Fountain and Bardley Aves.

MACHINERY AND EUIPMENT

FAIRFAX, Marin Co., Cal. — Until Sept. 28, 7 p. m., bids will be rec. by C. W. Dietrich, clerk, Fairfax School District for fur. and del. tools for manual training departments. Complete lists of materials desired together with blanks for bidding may be obtained from clerk of district.

PORTLAND, Ore.—Port of Portland Commission has authorized preparation of plans and spec. for a 30-in. suction dredge of the Diesel-electric type; est. cost $500,000. Power will be furnished by 4 Diesel engines with a combined h.p. of 2500. Bids will be asked on completion of plans. J. H. Polhemus is general manager of the commission.

SAN LUIS OBISPO, Cal.—Supervisors declare intention to purchase gasoline shovel for road dist. No. 1.

LOS ANGELES, Cal.—Until 2:30 p. m. Sept. 28, bids will be rec. by harbor comm., 312 Byrne Bldg., for the following:

Portable air compressor; spec. 515.
Portable belt conveyor; spec. 523.

Spec. may be seen at office of harbor engr., Los Angeles harbor. Guy W. Wade, secretary.

RAILROADS

ALHAMBRA, Cal.—See "Miscellaneous Building Construction," this issue.

SAN FRANCISCO—The Public Committee of the Board of Supervisors has voted down the resolution authorizing City Eng. M. M. O'Shaughnessy to prepare plans and specifications for the proposed extension of the Municipal system from Cole and Carl streets to the ocean beach. The project was abandoned when it was found that the proposed road would not connect with any existing unit of the Muny Rlwy system.

MEXICALI, Mex—New bids for grading of railroad between Mexicali and La Bomba will be asked by the Government of Lower California, as both contractors who were previously awarded this work failed to qualify. Officials interested have announced that $150,000 has been deposited in San Diego banks to guarantee payment for materials required. The Mexican government bureau of railroads is said to have contracted with a Belgian firm for steel rails to cost $250,000, to be used in the building of the new line. Considerable lumber is also to be bought in the United States for use in the road building. Several carloads of bridge materials have been taken to Mexicali from the California side of the border.

TUCSON, Ariz.—F. O. Goodell, Mgr. of the So. Pac. of Mexico, announces company will build a line betw. Tonichi and Nacozari; distance of approx. 150 miles.

FIRE EQUIPMENT

MODESTO, Stanislaus Co., Cal. — Until Sept. 26, 7:30 p. m., bids will be rec. by L. A. Love, city clerk, for fur. and del. 5000 ft. 2½-in. double jacket, rubber lined fire hose, 50-ft. lengths. Stand. Pacific Coast Thread. **See call for bids under official proposal section in this issue.**

WILLOWS, Glenn Co., Cal. — City trustees accept bid of American La France Fire Engine Co., to furnish motor fire engine at $13,000.

PIPE LINES, WELLS, ETC.

CALIFORNIA—Until 3 p. m., Oct. 2, bids will be rec. by public service comm 207 S Broadway, for standard dipped bell and spigot cast iron water pipe f. o. b. Aqua siding. Spec. 687-C. Jas. P. Vroman, Secy.

RIVERSIDE, Cal.—County supervisors authorize So. Cal. Gas. Co. to const. a 6-in. gas main under the Rubidoux Bridge. D. G. Clayton, clerk of the board.

SEWAGE DISPOSAL PLANTS

TRACY, San Joaquin Co., Cal.—Davis Heller-Pearce Co., Delta Bldg., Stockton, submits low bid to city trustees at $63,408 to const. sewage disposal plant involv. 6600 lin. ft. outfall sewer; 18-in. conc. vit. or wood stave pipe; Imhoff tanks, two units with sludge drying beds; 2 dosing tanks with Miller syphons; trickling filter, secondary settling tank of 3 units; pump house with 2 pumps and gasoline motors; 400 ft. 12-in. vit. conc. or wood stave pipe in By-pass; boring one well. Bids were previously received on this project but rejected. W. H. Graham, Lodi, was next low bidder at $63,905.

ELSINORE, Cal.—Preliminary plans and report in progress for sewage disposal plant. Burns & McDonnell Engineering Co., 404 Marsh-Strong Bldg., Los Angeles, in charge of this work.

VISALIA, Tulare Co., Cal.—Until Oct. 1, 7:30 p. m., bids will be rec. by Ida Markham, city clerk, to construct sewage disposal plant. Work comprises construction of a modified Imhoff type septic tank, concrete lined influent and effluent channels, bar screen, sludge drying bed, water piping system and other appurtenances. Cert. check 10% payable to City Treasurer req. Plans obtainable from city eng, L. H. Gadsby, on deposit of $10 returnable. **See call for bids under official proposal section in this issue.**

HOLLISTER, San Benito Co., Cal.—Plans are being completed by Consulting Engineer Clyde F. Smith, 716 Santa Barbara Road, Berkeley, and bids will be advertised Oct. 1, to const. sewage disposal system for Hollister. Bids will be called for on the following items:

1225 ft. 14-in conc. or vit. pipe; 1 manhole; 1165 ft. 10-in. cast iron pipe with supports and bridge over river; 4630 ft. 14-in. conc. or vit. pipe to withstand 35-ft. pressure; 35 ft. 14-in. cast iron pipe; 20 ft. 12-in. cast iron pipe; 1 Imhoff tank, with all appurtenances; pump house, screen house storage tank, etc.; 2 units of sludge and drying beds, under drains, etc.; 1 6-in. vertical centrifugal pump, 800 g. p. m. at 15-ft. head, d. c. to 7½ h. p. motor 220 volt, 3 phase, 60 cycle, 40 degrees; 1 6-in. pump as above, to pump 800 g. p. m. sewage without clogging, d. c. to motor as above; concrete work as shown on maps; superstructure one type No. 1 Truscon building, and type 1-S leanto. Dorr Co. screens, 5-ft. diam., 4-ft. face, with all appurtenances. Estimated cost $35,000. Bids may be submitted on any or all items.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Finance and Sts. Committees of Board of Supervisors have voted approval of plans for Frank G. White, chief engineer, State Board of Harbor Commissioners, for a vehicular subway in the Embarcadero under the street car tracks fronting the Ferry Building; est. cost $400,000, of which state will pay $200,000, the city $100,000 Municipal Railway $50,000 and Market St. Railway Co. $50,000. Bids are to be asked as soon as the Mayor has approved the contract for the city to pay its share of the cost.

SACRAMENTO, Cal.—De Carie Incinerator Co., of Portland, Ore., will move its plant and equipment to Sacramento, where the company plans in the immediate future to engage in the building of steam machinery. The DeCarie Co. was recently awarded a contract by the city of Sacramento at approximately $195,000 to construct a garbage incinerator for which bonds were voted.

WATER WORKS

LOS ANGELES, Cal. — See "Pipe Lines," this issue. Bids wanted for water meters.

WILLIAMS, Ariz.—Preliminary plans and report completed for waterworks improvements, and will be presented Oct. 18 to the city officials. Burns and McDonnell Engineering Co., 404 Marsh-Strong Bldg., Los Angeles, in charge of this work.

LONG BEACH, Cal.—City council authorizes City Mgr. C. H. Windham to purchase cast iron pipe, fittings, check valves and surge chambers for the water dept. at a cost of not more than $20,000.

PLAYGROUNDS AND PARKS

MONROVIA, Cal.—See "Bonds" in this issue.

CHICO, Butte Co., Cal.—Until Sept. 28 5 p. m., bids will be rec. by Chas. H. Camper, clerk, Chico High School District, to const. conc. tennis courts. Cert. check 5% payable to Pres. High School Board req. Plans obtainable from clerk.

SEWERS & STREET WORK

VALLEJO, Solano Co., Cal. — Louis Tagnon, Vallejo, at $2198 awarded cont. by council to grade and pave Ford alley bet. Sacramento and Marin Sts.

LOS ANGELES, Cal.—Until 11 A. M., Oct. 1, bids will be rec. by supervisors to imp. Pacific Blvd. in Rd. Dist. No. 1, 2445 lin. ft. or .46 mi., involv 2534 cu. yds. excav.; 8608 sq. yds. shaping roadbed; 8608 s. yds. 6-in. conc. pavement; 4760 lin. ft. placing curtain wall; 2300 bbls. cement (by county). County to pay freight on sand and gravel.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

PHOENIX, Ariz.—H. T. Willis & Son awarded contract by state highway commission to const. highway between St. Johns and Springerville, federal aid project No. 68-A. They bid $1.40 cu. yd. flat for hauling and placing surfacing; alternate bids on 18-ft. top and 24-ft. bottom surfacing same as bid on 12-ft. ton and 18-ft. bottom; other bids were: Hamlin-Whiting & Brown (1) $74,758.71, (2) $60,159.55; Edger, Udall & Ashcroft, $80,990.23, (2) $65,467.85; Udall-Coleman, Winsor & Morgan, (1) $91,289.53, (2) $74,167.45.

PHOENIX, Ariz.—Lee Moor Constr. Co., Two Republics Bldg., El Paso, Texas, awarded contr. by U. S. bureau of pub roads at $462,907.32 for const. Prescott-White spar section, national forest project, Yarvapai county, 15,583 mi. 18 ft. wide. Other bids were: Cashion, Caldwell Co., Phoenix, $503,011.70; M. R. Amerman, Denver, $515,040.86; dewaard & Cobham, San Diego, $537,625.28 Thos. Maddock, Phoenix, $542,101.58; Engr's. est. $505,177.10.

VENICE, Cal.—City trustees declare inten. to imp. Amoroso Ct., bet. Oakwood Ave. and Venice Gateway Tr., and portions of other streets. pave with 4-in. conc.; 1911 act.

CHICO, Butte Co., Cal.—See "Parks and Playgrounds," this issue. Paving concrete tennis courts.

MARYSVILLE, Yuba Co., Cal.—Until Oct. 2, 10 a. m., bids will be rec. by W. M. Strief, county clerk, to haul and spread river gravel on Jewett and Mills road, extending from Brophy Lane to Yuba Vinepards, approx. 7550 ft. Cert. check 10% payable to Chairman of Bd. of Sups. req. J. R. Meek, county surv.

COMPTON, Cal. — City trustees declare inten. to imp. Almond St., betw. Wilmington and Tamarind Sts., grade and pave with 1½-in. Willite on 3½-in. bitum base; also paving part with 5-in. conc; const. 6-in. vit. pipe san. hse. sewers; 1911 Act. Maude Hecock, city clerk.

REDWOOD CITY, San Mateo Co., Cal.—County supervisors, Elizabeth M. Kneese, clerk, declare inten. to imp. following sts., in San Dist. Imp. No. 2: San Marco, Santa Domingo, Santa Lucia, Santa Inez, Santa Clara Aves, etc., grde; pave with 1½-in. Warrenite-Bit. surface on 4-in. hyd. cem. conc. base; 4-in. vit. sidew sewers; 18-in. vit. storm sewer; 1 br. manhole with c. i. frames and cover. Work under Road Dist. Imp. Act 1907. (J. A. McCall to superintend work.) Protests Oct. 15. Geo. A. Kneese, county surv.

SAN JOSE, Santa Clara Co., Cal—City council, J. J. Lynch, clerk, declares intention to imp. Senter rd. from Keyes St. to pa. 1682.10 ft. southerly, involv. grade; pave with 2-in. asph. conc. surface on 3½-in. asph. conc. base; hyd. cem. conc. header wall. 1911 Act & Bond Act 1915. Protests Oct. 1. Wm. Popp, city eng.

SAN BRUNO, San Mateo Co., Cal.—City Eng. Geo. A. Kneese instructed to prepare spec. to install piping for water system. Pipe has already been purchased. Bids are to be asked for installing.

EUREKA, Humboldt Co., Cal.—County supervisors, Fred M. Kay, clerk, declare inten. to const. 3-mi. of road on west side of South Fork of Eel river, near Miranda to connect with new cable bridge on Svendsen road; est. cost $7500. Rd. Imp. Dist. No. 3. Work under Rd. Dist. Imp. Act 1907. Protests Oct. 9. A. J. Logan, county surv.

SAN JOSE, Santa Clara Co., Cal. — City Council, J. J. Lynch, clerk, declares inten. to imp. 4th St., bet. Empire and Jackson Sts., involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curb and gutter. 1911 Act & Bond Act 1915. Protests Oct. 1. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal. — Until Sept. 24, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 24th St. bet. Santa Clara and San Antonio Sts.: grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. conc. curbs, gutters and walks; 1 br. manhole; 2 br. catchbasins; 8-in. vit. pipe drains. Cert. check 10% payable to city req. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal — Raymond H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. Humboldt St., bet. Mastic and Vine Sts.; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. Bitulithic cem. bituminous conc. base; conc. curbs and gutters; hyd. cem. conc. walks; 1 br. catchbasin; 8-in. vit. pipe drains; 1 storm water inlet; hyd. cem. conc. alley driveways.

CALIFORNIA—State Highway Commission completing surveys for two units of the state highway system between Truckee and the Nevada State line, one being between Floriston and the Nevada boundary line, a distance of approx. 6-mi. and another bet. Truckee and Hinton, approx. 11-mi. in length.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. Empire St., bet. 1st & 10th Sts., involving grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; const. concrete curbs and gutters; 9 br. catchbasins; 8-in. vit. pipe drains; hyd conc. walks.

EUREKA, Humboldt Co., Cal.—Until Sept. 25, 10 a. m., bids will be rec. by Fred M. Kay, county clerk, for fur. and del. 2000 or more cu. yds. of crushed rock for use in road improvements in Supervisor District No. 3. Cert. check 10% req. Spec. on file in office of clerk. A. J. Logan, county surveyor.

MARTINEZ, Contra Costa Co., Cal.—Trustees of Mt. View Sanitary District postpone until Sept. 24 award of contract for constructing sewers in district. W. F. Edwards, Oakland, low bidder at $7074. Ross L. Calfee, 221 So. 22nd St., Richmond, eng. for dist.

TRINITY COUNTY, Calif.—No. bids rec. by State Highway Comm., Sept. 17, to surface with gravel or broken stone, 11.1 mi. in Trinity county, bet. 2-mi. south of Weaverville and Tom Long Gulch; involv. 17,200 cu. yds. gravel or broken stone surface.

SAN JOSE, Santa Clara Co., Cal. — A. J. Ralsch, 36 Kearny St., San Francisco, awarded contracts by council for street improvements as follows:

24th St., bet. San Antonio and William St.; grade; pave with 1½-in. Durite asph. conc. surface with 3-in. Durite asph. conc. base; hyd. cem. conc. curb, gutter and walks; hyd. cem. conc. culverts; 1 br. manhole; 2 br. catchbasins; 8-in. vit. pipe drains.

16th St., bet. Santa Clara and Julian: Grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc base; hyd. cem. conc. walks; 1 br. catchbasin; 8-in. vit. pipe drains.

Locust St., bet. Balbach and Grant Sts.: Grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph conc. base; hyd. cem. conc. curb and gutter; 2 br. catchbasins with c. i. tops, gratings and frames; 8-in. vit. pipe drains.

SAN JOSE, Santa Clara Co, Cal.—City Council, J. J. Lynch, clerk, declare intention to imp. 6th St., bet. St. James and Jackson Sts., involv. grade; pave wih 1½-in. asph. conc. surface on 3-in. asph. conc. base; hyd. cem. conc. curb, gutter and walks; 4 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Oct. 1. Wm. Popp, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Sept. 27, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to const. 6-in. vit. sewer; 9 br. manholes with c. i. tops; 22 4-in. wye branches in portions of Highland Ave. 1911 Act. Cert. check 10% payable to city req. Plans on file in office of clerk.

PLUMAS & LASSEN COUNTIES, Cal.—Following bids rec. Sept. 17 by State Highway Comm., to surface with gravel 12.7 mi. of highway bet. 3 mi. east of Chester and 3 mi. east of Westwood, involv. 19,850 cu. yds. gravel or broken stone surface:

T. H. & M. C. Polk, Chico	$63,321.50
Kaiser Paving Co., Oakland	74,834.50
Isbell Constr. Co., Fresno	86,149.00
Engineer's estimate	67,490.00

SANTA BARBARA, Cal.—Council declares inten. to const. 6-in. vit. pipe main san. sewer in Anapamu St., bet. Chino St. and 305 ft. n.e.; 1911 act. Geo. D. Morrison, city engr.; S. B. Taggart, city clerk.

LOS ANGELES, Cal.—Until 11 a. m., Oct. 1, bids will be rec. by supervisors to imp.:

East portion Pacific Blvd., bet. Huntington Park city limits and Vernon city limits, .57 mi., involv. 11,668 sq. ft. removal existing conc. walk; 2883 lin. ft. removal existing conc. curb; 2559 cu. yds. excav. including finished grading; 22,685 sq. ft. walk; 2862 ft. curb; 6839 sq. ft. gutters; 5020 sq. yds. removal of pavement; catch basins; 22,400 sq. ft. oil and screenings roadway (on 52nd, 53rd, 54th and 55th Sts.) Average haul 1 mi. from Dozier on P. E. Ry. Est. contr. price, $23,729.65.

West portion Pacific Blvd bet. Huntington Park city limits and Vernon city limits, .54 mi., under County Imp. No. 55, involv. 11,905 sq. ft. removal existing conc. walk; 2946 lin. ft. removal of existing conc. curb; 3033 cu. yds. excav., incl. finish grading; 22,418 sq. ft. conc. walk; 2930 lin. ft. curb; 6480 sq. ft. gutter; 4744 sq. yds. conc. pavement; catch basin; 19,600 sq. ft. oil and screenings roadway (on 52nd, 53rd 54th and 55th Sts.) Average haul, 1 mi. from Dozier on P. E. Ry. Est. contr. price, $23,153.55.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at $12,098 only bidder, awarded contr. by council to imp. Younglove Ave., bet. Errett Circle and pavement in place in Mission St., includ. crossings, involv. 5035 sq. ft. conc. gutter; 50,017 sq. ft. 6½-in. asph. macadam pavement; 55,052 sq. ft. grade to subgrade; 870 yds. cut; 150 yds. fill; 71 lin. ft. 10-in., 16 lin. ft. 12-in., 44 lin. ft. 15-in., 26 lin. ft. 18-in. and 46 lin. ft. 21-in. 12-gauge corru. pipe; 1 catchbasin and manhole; 4 type No. 1 catchbasins.

EAST SAN DIEGO, Cal.—City trustees petitioned to pave El Cajon Blvd. bet. Boundary St. and the present pavement at Euclid Ave. and El Cajon Blvd.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

MODESTO, Stanislaus Co., Cal.—Until Oct. 9, 10 a. m., bids will be rec. by C. C. Austin Jr., county clerk, to const. 3855.3 lin. ft. asphaltic conc. rd., 16-ft. wide, 5-in. thick, consisting of 3½-in. asph. conc. base and 1½-in. asph. conc. surface, beginning at pt. on south line of Valley Home Townsite at intersection with present conc. highway leading from Valley Home to Oakdale; thence west to Stanislaus and San Joaquin county line. Cert. check 10% req. Plans obtainable from J. H. Hoskins, county surveyor.

LOS ANGELES, Cal.—John Artukovich, 614 N Bunker Hill Ave., submitted low bid to Bd. Pub. Wks. at $8400 for const. sewer in Cove Ave., bet. Allesandro St. and 67S ft. s. w.

J. M. Derenia low bidder at $8825 to const sewer in 58th Pl., bet. Angeles Mesa Dr. and 130 ft. east of West Blvd.

LOS ANGELES, Cal. — Griffith Co., 512 L. A. Ry. Bldg., awarded contract by Bd. Pub. Wks. at $284,938 for imp. Fifth St., bet. Beacon St. and Pacific Ave., San Pedro, involv. grading at $140,000 (lump sum); 104,732.31 sq. ft. asph. paving 25c ft.; 10,458.2 sq. ft. cem. conc. paving 25c ft.; 197,131.76 sq. ft. bitum. base paving 24c ft.; 13,375.38 ft. curb 70c ft.; 179.8 sq. ft. cem. walk 22c ft.; 13,399.06 sq. ft. conc. gutter 28c ft.; storm drain, $31,500; san. sewer, $10,500; 5817 ft. hse. sewers $1.50 ft.; iron pipe conduit, $1850; Mesa St. storm drain, $1200; Centre St. storm drain, $1200; flush tanks, etc., $700. Engr's est., $293,034.34. Other bids were: G. A. Constantine, $287,407.86; Geo. H. Oswald, $406,431.30.

W. D. McCray, 416 Am. Bank Bldg. was awarded contr. at $22,709 to imp. Dillon St., bet. Marathon St. and Bellevue Ave., involv. grading at $4850 (lumpsum); 39,855 sq. ft. conc. paving 22c ft.; 2409 ft. curb 70c ft.; 12,296 sq. ft. walk 22c ft.; san. sewer at $3500; reinf. conc. culvert, $1200. Engr's est. $24,318.62. Other bids were: G. A. Constantine, $23,670.16; Baker & Kinsman $24,443.06; D. J. Sphar, $31,918.12.

SANTA MONICA, Cal.—Until 10 a. m. Oct. 2, bids will be rec. by council to imp. 8th Ct. bet. Central Ave. and Copeland Square grade and pave; const 6-in. vit. hse. sewers; 1911 act. John A. Morton, city engr.

RICHMOND, Contra Costa Co., Cal. —City Eng. H. B. Chapman estimates cost of resurfacing First st. from Barrett to Santa Fe Oakland branch line, 2-in. asph. concr., includ. const. of conc. curb and gutter, at $4.35 front ft. Taken under advisement.

SANTA ROSA, Sonoma Co., Cal. — Geo. F. Comstock, city eng., completes spec. to grade and pave with 6-in. water bound macadam; conc. curb and gutter in King and Beaver st., bet. Nason and Spencer Ave.

LOS ANGELES, Cal.— Griffith Co., 502 L. A. Ry. Bldg., awarded contr. by harbor comm. at $21,222 to pave Canal Ave., Wilmington, and berths bitum. pavement over concr. base now 152, 154 and 187, involves 20,300 31in. in place; 3340 sq. ft. 2-in. bitum. pavement over wooden wharf deck now in place at wharf extension at Berth 187; 40,400 sq. ft. 2-in. bitum. pavement over wooden wharf deck now in place at wharf at Berth 154; 51,200 sq. ft. 5-in. pavement over sand fill; 9600 sq. ft. 2-in. pavement over wooden wharf deck now in place at wharf at Berth No. 152.

SANTA MONICA, Cal. — Council declares inten.to imp. California Ave., bet. Ocean Ave. and 7th St.; grade and pave with 1½-in. Warrenite-bitul. wearing surface on 2½-in. asph. conc. base; const. class C curbs, walks, etc.; 1911 act. John A. Morton, city mgr.

LOS ANGELES, Cal.—deWard & Cobham, 207 Granger Bldg., San Diego, submitted low bid to supervisors at (a) $12,450 and (b) $11,850 for const. of concr. storm drain and accessories through the property of the county road dept. at Alhambra and Eastlake Aves. Other bids were: M. Simunovich, (a) $12,693.20, and (b) $12,693.20; C. H. Johnston, (a) $13,900, and (b) $13,200.

LOMPOC, Cal.—An election will be held at once to vote bonds to pave San Julian Rd. bet. Lompoc and Harris Station.

PACIFIC GROVE, Monterey Co., Cal. —City council petitioned to pave Central avenue for a distance of approximately 18 blocks. H. D. Severance, city engineer.

CORNING, Tehama Co., Cal. — City trustees sell $30,000 bond issue to finance extensions to sewer system.

BAKERSFIELD, Kern Co., Cal. — Union Paving Co., (J. A. Dowling), Bakersfield, at $67,458.96 awarded contract by city council to pave Niles St. with concrete.

Union Paving Co., also awarded cont. to pave with asph. Sonora St. Bid was $60,120.98.

UKIAH, Mendocino Co., Cal.—J. W. Pickle and M. A. Christy awarded cont. by county supervisors to const. Sec. 3 of Nash & Highway Road West End, their bid being (1) unclassified excav. includ. clearing right of way, $.61 cu. yd.; (2) lumber for culverts, in place, $72 per M. Other bids ft. Geo. E. Pinches (1) $.73; (2) $55 per M; D. L. Sawyers, (1) $.61 cu. yd; (2) $80.

CALIFORNIA—State Finance Board authorizes the sale of $3,000,000 highway bonds, bearing interest at the rate of 4¾ per cent. The sale of these bonds will leave $3,000,000 out of the 40,000,000 voted in the third bond issue of 1919.

OAKLAND, Cal.—Bates and Borland Bank of Savings Bldg, Oakland, awarded cont. by council to imp. 9th St., bet. Alice and Fallon Sts., involv. grade, $.06; conc. curb, $.75; reset granite curb $.75; conc. gutter, $.30; asph. conc. pave $.30.

Warren Const. Co., Bacon Bldg., Oakland, awarded cont. to imp. 6th St., bet. Jefferson and West St., involv. grade, $.053; conc. curb without steel guard, $.80; conc. curb with steel guard, $1.10; conc. gutter, $.30; Warrenite-Bit. surface (3-in.) on 4-in. asph. conc. base pavement, $.292; catchbasins, $100.

NEWPORT BEACH, Cal.—Until 7:30 p. m., Oct. 1, bids will be rec. by city trustees to imp. Santa Ana Ave., Ocean Dr., 12th and 14th Sts., involv. 10,026 cu. yds. excav., 28,238 sq. ft. 6-in. concrete pavement; 75,722 sq. ft. 8-in. conc pavement; 1529 lin. ft. conc. curb; 42 granite conc. ornamental lighting posts 4963 lin. ft. ¾-in. sherardized iron conduit with one No. 6 lead covered cable; 654 lin. ft. 1½-in. dia. sherardized iron conduits with two No. 6 lead covered cables. Cert. check or bond 10%. Plans obtainable from Paul E. Kressly consulting engr., 732 H. W. Hellman Bldg. Work under 1911 Act. Alfred Smith, city clerk.

MENLO PARK, San Mateo Co., Cal.—Bids will be rec. Oct. 9 by Perry Eyre, secy, Menlo Park Sanitary District for the purchase of the $10,000 bond issue voted to finance sewer improvements.

CARMEL, Monterey Co., Cal. — City trustees of Carmel-By-The-Sea contemplate construction of $100,000 sewer system. It is proposed to do the work under the 1911 Act & Bond Act 1915.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Porter St., bet. 38th and 39th Ave., involv. grade and pave, const. conc. curb and gutter, walks. 1911 Act. Protests Oct. 11. W. W. Harmon, city eng.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at $2 yd. awarded cont. by council to fur. 1000 yds. gravel for street improvements.

PASADENA, Cal.—City Street and Engineering Dept., Pasadena, awarded contr. by city directors at $21,549 for imp. Puente Dr., bet. Colorado St. and Linda Vista Ave., grade and const. 24-in. corr. iron metal pipe culvert for drainage purpose. Ducey & Breitenstein bid $25,800.

LOS ANGELES, Cal.—City Council has adopted ord. of inten. to const. Mulholland scenic highway, to be built over the crest of the Santa Monica mountains, betw. Cahuenga Pass and Calabass. Est. cost, $1,000,000, to be assessed against the district.

SAN DIEGO, Cal.—Bids rec. by council to imp. Elm and 31st Sts., were:

John Engebretsen, McNeece Bldg.—11,161.6 cu. yds. earth excav. at $1.70 yd.; 9906.1 cu. yd.s. earth embank at 65c yd; 22,639.62 sq. ft. cem. conc. walk at 30c ft; 4874.9 ft. curb at 90c ft.; timber trestle bridge, 160 ft. long on concr. footings, $5500; culverts and catchbasins, complete, $1375; 2372 sq. ft. conc. gutter at 40c ft.

H. G. Fenton—$1.90 excav.; 50c embank.; 26c walk; 72c curb; $7500 bridge; $1950 culverts; 29c gutter.

SAN DIEGO, Cal.—Geo. R. Daley, 4430 Boundary St., submitted only bid to council to imp. Indiana St., bet. Robinson and Myrtle Sts., involv. 60,303.36 sq. ft. 1½-in. asph conc. paving on 2½-in. bitum. base, 18.7c ft.; 215.1 sq. ft. walk 22c ft.; 86 23 ft. curb, 70c ft.; 12-in. d. s. conc. pipe culvert 91 ft. long, $500; removal of existing culvert, $10; four 4-in. cem. conc. sewer laterals, $32 50 ea.; one 6-in. cem. conc. sewer lateral, $38.50 ea.; 78 cu. yds. earth excav., $1.50 yd.; 7 cu. yds. earth embank., 10c yd.

SAN FRANCISCO—Until Oct. 3, 3 P. M., bids will be rec. by Bd. Pub. Wks. to imp. east half of Stanyan St., bet. 18th and Estee Sts., involv. const. of 7 ft. basalt block pavement with gravel filled on 6-in. conc. base and asph. conc. pavement 6-in. conc. base with 2-in. asph. conc. surface, where not already.

Separate bids, same date, to imp. Boyce St., bet St. Rose's Ave. and pt. 225 ft. north, involv. const. of granite curbs; 14 ft. center strip of vertical fiber bricq pavement and asph. conc. pave on remainder of roadway.

Spec. obtainable from office of City Eng., 3rd Floor, City Hall.

LOS ANGELES COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Oct. 1, to pave 0.2 mi. of highway in Los Angeles co., bet. Santa Clara river and pt. 1/5-mi. east. Project involves: 600 cu. yds. embankment without classification; 380 cu. yds. class A Port. cem. conc. (roadway pavement); 260 cu. yds. Class A Port. cem. conc. (slope paving). R. M. Morton, state highway eng.

Auto Supplies
at Cut Rate

EVERYTHING FOR YOUR MACHINE

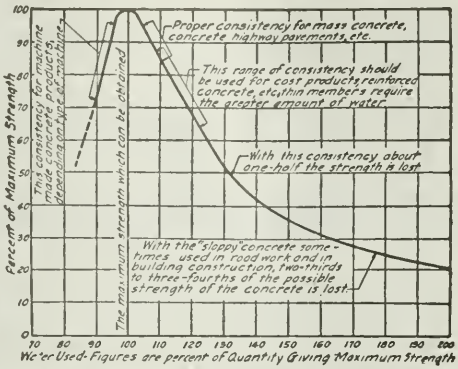
Zimmerlin Bros. Co.

Established 1907

3190 MISSION ST. — Junction Valencia — Phone Market 8926

24 VAN NESS AVENUE — Near Market

When One Pint of Water Wastes Two Pounds of Cement



Effect of Quantity of Mixing Water on the Compressive Strength of Concrete
NOTE: In general construction, the maximum strength can rarely be obtained, but it is possible to obtain 70 to 90 per cent of the maximum strength without additional expense by restricting the quantity of mixing water.

Observe this curve closely. It shows impressively the effect of the quantity of mixing water on the strength of concrete.

It is now known that excess mixing water, not only weakens concrete, but that it is actually wasteful of cement. One pint of water more than necessary in a one-bag batch decreases the strength and resistance to wear as much as though two or three pounds of cement were left out.

Here is a fact, which if brought home to the superintendent and the foreman, can be of great practical value in raising quality on the job.

Wouldn't you like to have, right at hand for quick reference, a practical manual which tells how the quantity of mixing water can be closely controlled, so as to give concrete greater strength without using any more cement?

Then write today for our free booklet, "Concrete Data for Engineers and Architects." We will be glad to send you extra copies for superintendents and foremen.

Take full advantage of the service the Portland Cement Association has to offer. One of the District Offices of the Association is always near you. Get acquainted with it.

PORTLAND CEMENT ASSOCIATION

785 Market Street
SAN FRANCISCO

548 South Spring Street
LOS ANGELES

A National Organization to Improve and Extend the Uses of Concrete

Offices in 26 Other Cities

RICHMOND, Contra Costa Co., Cal.—No bids rec. Sept. 17 by city council to imp. Maine Ave., bet. 23rd St. and S. P. right-of-way, involv.: grading; pave with Richmond stand. macadam; const. cem. conc. curbs with bars of galv. steel; cem. conc. gutters, sidewalks, wingwalls and cem. conc. and corru. iron or steel culverts; 27th St., bet. Maine and Cerritos Addition, involving grading; pave with Richmond stand. macadam; conc. curbs and gutters; r.w. headers. 1911 Act. Plans will probably be revised for an asph. conc. pavement. H. B. Chapman, city eng.

NAPA, Napa Co., Cal.—R. E. Errington, Napa, at $1838 awarded contract by council to imp. Vallejo St., betw. Main and Yajome: Grade; const. conc. curb; pave with 2-course asph. macadam, 40-ft. wide. Basalt Rock Co. only other bidder at $1981.

SACRAMENTO, Cal. — Bids will be asked immediately by H. W. Hall, county clerk, for Black road in Reclamation District No. 551, from Dutch road one mile south. C. W. Deterding Jr., county eng.

LOS ANGELES, Cal.—Residents and property owners of the district south of Sunset Blvd., bet. Morningside Ct. and Cahuenga Ave., will const. by private contract a storm drain betw. the present ditch and the Vine St. sewer. Est. cost $12,000. The decision was made after a conference betw. Hollywood Chamber of Commerce, Everett C. James, atty., and E. A. Tuttle of the city engr. dept.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. Jerrold Ave., bet. San Bruno and Barnevald Sts., involv 625 lin. ft. 8-in. ironstone pipe sewer; 18 8-in. wye branches and 3 br. manholes. Est. cost, $2060.

SOUTH PASADENA, Cal.—Until 5 P. M., Oct. 8, bids will be rec. by trustees of South Pasadena for imp. following streets:

Grevelia St. involv. 67,400 sq. ft. 3-in. olled macad.; 13,500 sq. ft. concr. gutter; 2900 ft. curb; 4950 sq. ft. walk; 48-ft. 6-in. vit. sewer lateral.

Fremont Ave., involv. 81,000 sq. ft. conc. pavement; 440 sq. ft. walk; 500 sq ft. gutter; 1050 ft. 6-in. sewer laterals.

Work will be done under 1911 Act. Nettie A. Hewitt,, City Clerk.

NEWPORT BEACH, Cal.—Until 7:30 P. M., Oct. 1, bids will be rec. by city trustees to imp. Santa Ana Ave., Ocean Dr., 12th and 14th Sts., Involv. 10,020 cu. yds. excav.; 28,238 sq. ft. 6-in. conc. pavement; 75,722 sq ft. 8-in. conc. pavement; 1529 lin ft. conc. curb; 42 granite conc. ornamental lighting posts; 4963 lin. ft. ¾-in. sherardized iron conduit with one No. 6 lead covered cable; 654 lin. ft. 1½-in. dia. sherardized iron conduits with two No. 6 lead covered cables. Cert. check or bond, 10%. Plans and spec. may be obtained at the office of Paul E. Kressly, consuuting engr., 732 H. W. Hellman Bldg. 1911 Act. Alfred Smith, City Clerk.

LOS ANGELES, Cal.—P. F. Martter, 1250 S Gramercy, awarded contr. by Bd. Pub. Works at $10,773 for imp. Minnesota St., bet. Gates St. and Prewett St., involv. grading at $2760; 17,814 sq. ft. oil and roll 8c ft.; 1428 ft. curb 75c ft.; 6362 sq. ft. walk 24c ft.; 2974 sq. ft. gutter 35c ft.; storm drain, $150; san. sewer at $2800.

Griffith Co., 512 L. A. Ry. Buliding, awarded cont. to imp. Normandie Ave., bet. 16th and Pico Sts., involv. grading at $4800; 46,900 sq. ft. asph. paving 25c ft.; 600 sq. ft. bitum paving 12c ft; 2277 ft. curb 70c ft.; 11,469 sq. ft. walk 22c ft.; 2559 sq. ft. gutter 30c ft.; san. sewer $2350.

W. D. McCray, 416 Am. Bank Bldg., awarded cont. at $6717 for imp. Gower St., bet. Temple Hill Dr. and Scenic Ave., involv. grading at $2400 (lump sum); 13,951.26 sq. ft. conc. paving 25c ft; 942.74 ft. curb 88c ft.

SANTA ROSA, Sonoma Co., Cal. — City council, Vida McL Doggett, clerk, declares inten. to imp. King St., bet. Nason and Spencer Sts., involv. grade; pave with 6-in. water bound macadam; const. comb. conc. curb and gutter. Protests Oct. 16. Geo. F. Comstock, city eng.

NEWPORT BEACH, Cal.—City trustees declare inten. to imp. portions of Central Ave., Plaza Del Norte, Miramar Dr., Ocean Blvd., Channel Rd., and other streets; grade, const. gravel surface; const. conc. pavement, curb, walk, granite conc. ornam. ltg. system; cem. pipe san. sewers; 1911 Act. Alfred Smith, city clerk. Paul E. Kressly, 732 H. W. Hellman Bldg., Los Angeles, city engineer.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. portions of 64th Ave., involv. grade and pave; const. gutters. 1911 Act. Protests Oct. 11. W. W. Harmon, city eng.

REDWOOD CITY, San Mateo Co., Cal —Until Oct. 15, 7:30 p. m., bids will be rec. by W. A. Price, city clerk, to construct 8-in. vit. sewer in Edgewood Rd., includ. 10 br. manholes with c. i. frames and covers; 1 lamphole; 52 4-in. vit. laterals; all laterals to be connected with main sewer by 4x8-in. vit. wyes. 1911 Act. Cert. check 10% payable to Town req. C. L. Dimmitt, city eng.

OAKLAND, Cal.—Oakland Paving Co. 5000 Broadway, Oakland, awarded cont. by council to imp. portions of 15th St. involv. grade, $.069; conc. curb with steel guard, $1.10; conc. gutter, $.30; Warrenite-Bit. surface (2-in.) on 6-in. Port. cem. conc. base pavement, $.30; 10-in. vit. sewer, $2.80; 8-in. vit. sewer, $2.30; manholes, $100; lamphole, $60; 10-in. vit. pipe conduit, $2.80; catchbasin, $90; wye branch, $2.50.

Oakland Paving Co., awarded cont. to imp. Castro St., bet. 7th and 13th Sts., grade, $.06; conc. curb without steel guard, $.85; conc. curb with steel guard $1.10; conc. gutter, $.30; Warrenite-Bit. surface (2-in.) on 6-in. Port. cem. conc. base $.30.

HOLLISTER, San Benito Co., Cal.—Until Oct. 8. 7:30 p. m., bids will be rec. by Howard O'Brien, town clerk, to imp. Furlong alley. Cert. check 5% payable to Pres. of Bd. of Town Trustees required.

SAN FRANCISCO — Healy-Tibbitts Const. Co., Pine St., at $41,398 awarded contract by Bd. Pub. Wks. to construct reinforced concrete sewer in 6th St. bet. Brannan and Townsend streets.

SANTA MONICA, Cal.—Until 10 a. m. Sept. 28th, bids will be rec. by council to imp. 24th St., bet. Arizona Ave. and Wilshire Blvd., grade and pave and const. curbs, walks, 6-in. cem. pipe hse. sewers; 1911 Act. John A. Morton, city engineer.

SAN DIEGO, Cal. — Engineer F. A. Rhodes completes spec. to imp. Arizona St., bet. University Ave. and Balboa Park San Diego, involv. 108,901.36 sq. ft pave with 1½-in. asph. conc. top on 4-in. cem. conc. base; 880.12 lin. ft. of 6-in. cem. conc. sewer main; 2 manholes; 11 6-in. cem. conc. sewer laterals; 1911 Act; protests Oct. 15.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. 8th St., bet. Peralta and Market Sts., involving grade and pave; const. curbs, gutters, catchbasins, manholes and conduits. 1911 Act. Protests Oct. 11. W. W. Harmon, city eng.

STOCKTON, San Joaquin Co., Cal. — Until Oct. 9, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. Amiel Hoag rd. in Rd. Dist. No. 1, commencing at pt. near s.w. corner of Sec. 34, Twp. 3 N., R 9 E, M.D.B. & M. and 11,578 ft. distant along road from south end of Mormon channel bridge at Bellota, and thence to Hunt bridge over the Calaveras river, a distance of 16,262 ft. Cert. check 10% payable to Chairman of Board of Sups. req. Plans obtainable from County Surv. F. E. Quail, on deposit of $10, returnable.

SANTA ROSA, Sonoma Co., Cal. — City council, Vida McL Doggett, clerk, declares inten. to imp. Beaver St., bet. Howard and Spencer Sts., involv. grade pave with 6-in. water bound macadam; const. comb. conc. curb and gutter. Protests Oct. 16. Geo. F. Comstock, city engineer.

RIVERSIDE, Cal.—Until 10 a. m., Oct 8, bids will be rec. by supervisors to imp. a portion of Rte. 8, Beaumont, to foot of Moreno grade, known as Jac. Rabbit Trail, Sta. 174+00 to Sta. 367+00.2, involving (1) shaping 19,3.0 lin. ft. rodadway 16 ft. wide; (2) const. 19,320 lin. ft. pavement 16-ft. wide; (3) 300 lin. ft. conc. curb; (4) build up 8 catchbasin walls and lay 30 ft. corru. pipe. Pavement is to be either class A cem. conc., 5-in. or 6-in. thick; 5-in. asph. conc.; 5-in. macad.; 5-in. Willite; or 5-in. National pavement; type to be determined by board after the bids are opened. Deposit of $5 for plans.

Separate bids, same date, to imp. a portion of Corona-Elsinore highway from Sta. 448+00 to Sta. 604+24, involv (1) 12,914 cu. yds. excav.; (2) 16,624 lin. ft. shaping roadbed; (3) 249,984 sq. ft. 5-in. macad. pavement with asph. surface; (4) 73 cu. yds. A cem. conc. (bridge); (5) 10.5 cu. yds. B cem. conc. (fords and walls). Deposit for plans $5. A. C. Fulmor, co. surveyor.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

OROVILLE, Butte Co., Cal. — Until Oct. 2, 1:30 p. m., bids will be rec. by C. F. Belding, county clerk, to const. conc. curb and gutter in Oroville-Pentz county road, in the cut, on Bridge Hill, near Oroville Bridge. Cert. check 10% req. with each bid. Plans obtainable from County Rd. Eng. Harry H. Hume.

SAN DIEGO, Cal. — Griffith Co., 25 14th St., submitted low bid to council to imp. Beech St., bet. 5th and Atlantic Sts., involv. 141,234 sq. ft. 2-in. asph. conc. paving on 3-in. bitum. base at 17.4c ft.; 55.6 cu. yds. earth excavation at 50c yd; 448.3c cu. yds. earth embank. at 10c yd; 1385.2 lin. ft. curb at 65c ft.; 6799.6 sq. ft. walk at 23c ft.; culverts, complete, $600. California Constr. Co. bid 18.9c paving; $1 excav.; 10c embank; 72c curb; 24c walk; $525 culverts.

LOS ANGELES, Cal.—W. D. McCray, 416 Am. Bank Bldg., submitted only bid to Bd. Pub. Wks. to imp. Clayton St., bet. Mayview Dr. and Franklin Ave. at $27,000 grading; 24.5c sq. ft. conc. paving; 65c ft. curb; $1000 storm drains $2000 reinf. conc. stairways; 10c sq. ft. bitum. base paving.

MERCED, Merced Co., Cal. — City trustees order plans prepared to pave alley in Block 104 bet. Q. R, 20th and 21st Sts.

LOS ANGELES, Cal.—R. N. Nickevich, P. O. Box 4, Long Beach, submitted low bid to Bd. Pub. Wks. to imp. Childs Ave. bet. Los Feliz Blvd. and Scotland St., involving grading at $48,582 (lump sum); 697,580 sq. ft. 6-in. conc. paving 23.5c ft.; 4750 sq. ft. bitum base paving 15c ft.; 6456 sq. ft. oil and roll 8c ft.; 28,856 ft. curb 66c ft.; 59,011 sq. ft. cem. walk 21c ft.; storm drain, complete, $94,000; vit. pipe culvert $7800; san. sewer, $59,000; 12,120 ft. hse. sewers $1.75 ft.; 8 sq. ft. gutter at 35c ft. Other bids were:

W. D. McCray—$66,000 grading; 27.5c conc. paving; 30c bitum. paving; 8c oiling; 70c curb; 23c walk; $84,000 storm drain; $400 culvert; $60,000 san. sewer; $1.70 hse. sewers; 40c gutter.

Wells & Bressler—$87,000 grading; 26c conc. paving; 35c bitum. paving; 7c oiling; 65c curb; 20c walk; $86,000 storm drain; $100 culvert; $60,917 san. sewer; $1.50 hse. sewers; 25c gutter.

A. Constantine, 910 Haas Bldg. low bidder to imp. St. Louis St., bet. Judson and Sheridan Sts., involv. grading at $1313.25 (lump sum); 285 sq. ft. conc. paving 30c ft.; 21,861 sq. ft. oil and roll 6.5c ft.; 1233 ft. curb 55c ft.; 6440 sq. ft. walk 21c ft.; 3220 sq. ft. gutter 30c ft. Other bids were:

Baker & Kinsman—$1500 grading; 35c paving; 7c oiling; 65c curb; 22c walk; 35c gutter.

P. F. Martter—$1930 grading; 33c paving; 7c oiling; 58c curb; 21c walk; 34c gutter.

D. J. Sphar—$2397 grading; 40c paving; 7c oiling; 65c curb; 23.5c walk; 34c gutter.

WILLITS, Mendocino Co., Cal.—Town trustees have approved plans for cement sidewalks in portions of Commercial and Main streets and portions of other streets.

SANTA CLARA, Santa Clara Co., Cal. —Election will be called shortly to vote bonds of between $80,000 and $100,000 to finance construction of outlet sewer from Santa Clara to Alviso bay along the Alviso road. Henry Fisher, town engineer.

LOS ANGELES, Cal.—Southwest Paving Co., 806 Washington Bldg., submitted low bid to supervisors at $460,000 to imp. highway bet. Palmdale and Pallett Creek, 111,152 lin. ft. under R. D. I. No. 259, in Fifth Rd. Dist., comprising 10.7 mi. 6-in. asph. conc. paving 16-ft. wide; 8.1 mi. 6-in. asph. conc. paving 16-ft. wide; 8.1 mi. 2.3 mi. graded roadway 24-ft. wide. Total est. cost, $460,093.80. Work involves 46,389 cu. yds. rock excav.; 97,800 cu. yds. earth excav; 110,924 lin. ft. shaping roadbed; 76,483 sq. yds. disintegrated granite pavement; clearing and grubbing; 100,293 sq. yds. 6-in. asph. conc. pavement; 2167 ft. 15-in., 1894 ft. 18-in., 705 ft. 24-in., 225 ft. 30-in., 61 ft. 36-in., 106 ft. 48-in. corru. iron pipe; 488 cu. yds. conc. in headwall. Materials required are: 703 bbls. cem.; 315 tons sand; 851 tons gravel; 1858 lbs. reinf. steel; 76,483 sq. yds. disintegrated granite; pipe as above; 100,293 sq. yds. asphalt conc.; est. cost of materials, $132,718.85. Geo. R. Curtis bid $527,000.

LOS ANGELES, Cal.—Baker & Kinsman, 739 H. W. Hellman Bldg., submitted low bid to Bd. Pub. Wks. to imp. first alley n.w. of Witmer St., betw. First and Second Sts., involv. grading at $1000 (lump sum); 10,798 sq. ft. conc paving 24c ft.; conc. retaining wall and guard rail, $580.

Griffith Co., 512 L. A. Ry. Bldg., low bidder, to imp. Normandie Ave., bet. Pico and 16th Sts., involv. grading at $4800 (lump sum); 46,900 sq. ft. asph. paving 25c ft.; 600 sq. ft. bitum. base paving 12c ft.; 2277 ft. curb 70c ft.; 11,469 sq. ft. walk 22c ft.; 2559 sq. ft. gutter at 30c ft.; san. sewer at $2350.

SAN FRANCISCO — Healy-Tibbitts Const. Co., 64 Pine St., at $41,398 submits low bid to Bd. Pub. Works to const. sewer in 6th St., bet. Brannan and Townsend, involv. (1) 633 lin. ft. 6-ft. rein. conc. sewer, $49.50 lin. ft.; (2) 250 lin. ft. 8-in. underdrain, $1 lin. ft.; (3) 383 lin. ft. 12-in. drain, $1.50 lin. ft.; (4) 5 br. and conc. catchbasins $120 ea; (5) 19,200 lin. ft. furnish and drive piles, $.45 lin. ft. Other bids were:

L. J. Cohn, (1) $48; (2) $1; (3) $1.50 (4) $125; (5) $.50. Total $41,433.50.

M. Bertolino, (1) $48; (2) $1.50; (3) $1.90; (4) $105 (5) $.625, total $44,011.70

Tibbitts-Pacific Co., (1) $45.30; (2) $1.80; (3) $2.00; (4) $85; (5) $.60. Total $41,835.90.

RICHMOND, Contra Costa Co., Cal. — Until Sept. 28, 2 p. m., bids will be rec. by W. T. Helms, secy. Richmond Union High School District, to const. conc. sidewalks at high school grounds. Cert. check $250 payable to secy. req. Spec. and forms for bidding obtainable from secy.

SAN FRANCISCO—E. J. Treacy, Call Bldg., San Francisco, at $7350 submits low bid to Bd. Pub. Wks. to imp. San Bruno Ave., bet. 19th and 20th Sts., involv. 750 lin. ft. conc. curb, $1 lin. ft.; 10,000 sq. ft. conc. pave, $.33; 10,000 sq. ft. asph. conc. pave, $.33.

Municipal Const. Co., 112 Lyon St., at $5744 low bidder to imp. Paris St., bet. Amazon and Italy, involv. (1) 800 lin. ft. conc. curb, $1.08; (2) 6000 sq. ft. asph. conc. pave, $.305; (3) 10,000 sq. ft. conc. pave, $.305. C. B. Eaton only other bidder at (1) $1; (2) $.31; (3) $.31.

C. B. Eaton only bidder at $5629.16 to imp. McKinnon Ave., bet. Newhall and Phelph, involv. 371 lin. ft. conc. curb, $1.25; 1436 sq. ft. art. stone walks, $.21 5 br. catchbasins, $.295; 205 lin. ft. 10-in. culvert, $2.50.

SANTA BARBARA, Cal.—Council declares inten. to imp. Padre St., betw. State and Laguna Sts., grade; pave with 1½-in. asph. conc. wearing surface on 4-in. cem. conc. base; const. comb. curb and gutters; conc. curbs, driveways; 6-in. vit. pipe main san. sewers; 4-in. hse. connections; 1911 Act. S. B. Taggart, city clerk.

BERKELEY, Alameda Co., Cal. — Until Sept. 25, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to grade portions of Claremont Ave., const. conc. curb and gutter and pave with oil macadam. 1911 Act. Cert. check 10% payable to city req. C. L. Huggins, city engineer.

MARYSVILLE, Yuba Co., Cal.—L. A. Williams, Marysville, at $2.10 cu. yd. awarded contract to imp. portion of Woodruff school road. Other bids Hemstreet and Bell, Marysville, $2.14 cu. yd. C. H. Wood, Manteca, $5427.35 (lump sum).

SAN JACINTO, Cal.—City council discussing means to finance the construction of a modern city sewer system.

OROVILLE, Butte Co., Cal.—County Rd. Eng. Harry H. Hume instructed to proceed by day work with paved highway to connect county infirmary with Chico-Oroville highway.

BERKELEY, Alameda Co., Cal.—Until Sept. 25, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to const. 8-in. vit. sewer from San Pablo Ave., from existing sewer in Virginia St. to pt. 565 ft. so.; br. manholes with c. i. curb and covers. 1911 Act. Cert. check 10% payable to city req. C. L. Huggins, city engineer.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3460	Gerloff	Gillogley	8000
3461	Union	Phoenix	1000
3462	Vitale	Owner	2000
3463	Moragos	Owner	1000
3464	Hargrave	Owner	2900
3465	Pereira	Owner	4000
3466	Andreeff	Owner	3000
3467	Payne	Born	15000
3468	Hjul	Owner	15000
3469	Schlisinger	Nelson	11500
3470	Sixth Church	Sartorio	1464
3471	Scheier	Meyer	15379
3472	Weiner	Wesendunk	4240
3473	R C Archb.	Owner	22000
3474	Smith	Owner	4000
3475	Costello	Owner	15000
3476	Kimquist	Owner	3000
3477	Parker	Owner	3000
3478	Witt	Morris	8000
3479	Lagomarsino	Owner	3900
3480	Shell	Owner	1400
3481	Stevens	Owner	4000
3482	Hawkins	Parker	13000
3483	Bennett	Owner	4000
3484	Klopstock	Coburn	1600
3485	St. Paul	Cuthbertson	24684
3486	St. Francis	Rlty Owner	12000
3487	Sellman	Johnson	8000
3488	Knutsen	Owner	1000
3489	Brown	Peterson	10000
3490	Lewis	Schwarz	4950
3491	De Martini	Ferroni	25000
3492	Fitzhugh	Atlas	2197
3493	Same	Forster	3380
3494	Same	Butte Elec Eq	3782
3495	Van Nuys	Owner	10000
3496	Central	Owner	18000
3497	Reddington	Owner	8000
3498	Williams	Blum	3000
3499	Bomer	Owner	3500
3500	P T & T Co	Matthies	18400
3501	De Carli	Battersby	1000
3502	Quevedo	Johnson	4000
3503	Mission	McKee	45000
3504	Wade	Owner	10000
3505	Cresto	Carlson	5000
3506	Biescotti	Fraunmeni	8000
3507	Sarcandor	Olsen	2800
3508	Kytka	Ferguson	1800
3509	Richards	Zupar	4850
3510	Neumiller	Vannucci	4500
3511	Schmidt	Morris	1150
3512	R C Archbishop	O'Reilly	12427
3513	Mission	McKee	5400
3514	Perkins	Klahn	8165
3515	Parker	Owner	4000
3516	Tronoff	Owner	1000
3517	Mitchell	Owner	16800
3518	Cavagnaro	Powell	3000
3519	Lang	Mitchell	4750
3520	Wiedman	Owner	7000
3521	Perkins	Klahn	7000
3522	Ross	Ross	4000
3523	Knox	Owner	10000
3524	Market St.	Coburn	7840
3525	Guttner	Owner	1400
3526	Ferrick	Owner	9000
3527	Lang	Mitchell	4750
3528	Otis	McGowan	13197
3529	Payne	Gurnette	1250
3530	Sullivan	Wagner	18000
3531	Pacific	Owner	7500
3532	Same	Same	8500
3533	Douglas	Blankenburg	12000
3534	Friedle	Barnett	4500
3535	Hagal	Owner	3920
3536	Sabin	Neish	3000
3537	Gilberd	Owner	3000
3538	Diamond	Owner	8000
3539	Gullmes	Owner	11000
3540	Pasqualetti	Ameri	35000
3541	Sellman	Johnson	11150
3542	St. James	Harder	20500
3543	Spandau	Sharman	12500
3544	Biscotto	Farumeni	10400

FRAME FLATS

(3460) E GUERRERO 222-6 S 18th. Two-story and basement frame (2) flats.
Owner—Gustav Gerloff, 519 Capp St., San Francisco.
Architect—None.
Contractor—J. W. Gillogley, 745 San Jose Ave., San Francisco. $8000

SIDEWALK LIGHTS

(3461) SE POST AND STOCKTON. Install new sidewalk lights
Owner—Union Trust Co., Grant Ave. & Market Sts., San Francisco.
Architect—None.
Contractor—Phoenix Sidewalk Light Co., Monadnock Bldg., San Francisco. $1000

ALTERATIONS

(3462) NO. 212 CLIPPER. Alter for private garage quarters and add bath to residence.
Owner—Gaetano Vitale, Premises.
Architect—M. G Bugbee, 619 Washington St., San Francisco. $2000

ALTERATIONS

(3463) NO. 609-611 KANSAS ST Remove front stairway; construct addition for barber shop and bedroom.
Owner—Nick Moragos, 609 Kansas St., San Francisco.
Architect—Frank M. Weber, 2224 Mariposa St., San Francisco. $1000

DWELLING

(3464) E CURTIS 400 N Morse. One-story and basement frame dwlg.
Owner—E. J. Hargrave, 360 London St., San Francisco.
Plans by Owner. $2900

DWELLING

(3465) E NINETEENTH AVE 175 S Judah. One-story and basement frame dwelling
Owner—John A. Pereira, 1215 12th Ave., San Francisco
Architect—None. $4000

FRAME FLATS

(3466) S CABRILLO 107-6 W 40th Ave. Two-story frame (2) flats.
Owner—Michael Andreeff, 1350 Pine St., San Francisco.
Architect—None. $3000

RESIDENCE

(3467) W SANTA CLARA AVE 140 N St. Francis Blvd. Two-story and basement frame residence.
Owner—R. Payne, 660 Market St., San Francisco.
Architect—S. A. Born Bldg Co.
Contractor—S. A. Born Bldg. Co, 660 Market St., S. F. $15,000

FACTORY

(3468) W RUSS 180 N Folsom. Two-story concrete factory
Owner—J. H. Hjul, 1342 Mission St., San Francisco.
Engineer—J. H. Hjul, 1342 Mission St. San Francisco. $15,000

FRAME FLATS

(3469) E TWENTIETH AVE 250 S Anza. Two-story and basement frame (2) flats.
Owner—J. M. Schlisinger.
Architect—None.
Contractor—P. Algot Nelson, 355 Oak St., San Francisco. $11,500

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

BRICK BLDG.
(3470) SE DIVISADERO AND CLAY — 106-3 S 127-8¾ W 25 N 25 W 81-3 N 102-8¾. Concrete floor, walks and repairing of curb for one-story, mezzanine and basement brick building.
Owner—6th Church of Christ Scientist, Premises.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—Chas. Sartorio, 180 Jessie St., San Francisco.
Filed Sept. 13, '23. Dated Sept. 6, '23.
Concrete floor laid.....$972
35 days after concrete floor laid 326
Completed and accepted..... 498
Usual 35 days..... 168
TOTAL COST, $1964
Bond, $982. Sureties, Stephen I. Guerin and C. Buschera. Limit, as fast as progress will permit. Forfeit, $30. Plans and specifications filed.

BUILDING
(3471) SE TWENTY-FOURTH AVE and California 32-6 on California and 75 on 24th Ave. All work for two-story and basement frame building.
Owner—Harold and Clara A. Scheier, 1361 Mason St., San Francisco.
Architect—G. H. Skidmore, 302 Kearny St., San Francisco.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed Aug. 13, '23. Dated Sept. 11, '23.
Roof on $3842.50
Brown coated 3842.50
Completed and accepted..... 3842.50
Usual 35 days..... 3842.50
TOTAL COST, $15,370.00
Bond, $7685. Sureties, Anna Meyer & Theodore G. Meyer. Limit, 90 days. Forfeit, none. Plans and specifications filed.

STORES
(3472) LOT 7 BLK 3, Crocker Tract. All work for frame store building.
Owner—S. and Lena Weiner, 3360 Mission St., San Francisco.
Architect—None.
Contractor — A. A. Wesendunk, 1747 Dolores St., San Francisco.
Filed Sept. 13, '23. Dated Sept. 10, '23.
Frame up $1060
White coated 1060
Finished and accepted..... 1060
Usual 35 days..... 1060
TOTAL COST, $4240
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

SOCIAL HALL, ETC.
(3473) SW FRANCIS & ALAMANY Ave. Two-story and basement social hall and private garage.
The Roman Catholic Archbishop of San Francisco, 1100 Franklin St., S. F.
Architect—John O. Lofquist, 1399 Tamalpais Ave., Berkeley.
Contractor—Not determined. $22,000

DWELLING
(3474) W FUNSTON AVE 325 S Judah. One-story and basement frame dwelling.
Owner—B. O. Smith, 718 Shrader St., San Francisco.
Architect—None. $4000

DWELLINGS
(3475) NW CLEMENT & TWENTY-ninth Ave and Twenty-ninth Ave 25, 50, 75 and 101 N Clement. Five two-story and basement frame dwellings.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $3000 each

DWELLING
(3476) E PERU 75 N Madrid. One-story and basement frame dwlg.
Owner—Kimquist & Jacobsen, 645 Diamond St., San Francisco.
Architect—A. J. Kimquist, 645 Diamond St., San Francisco. $3000

DWELLING
(3477) E HARRISON 130 S Twenty-third. One-story and basement frame dwelling.
Owner — Wilbur C. Parker Jr., 2711 Harrison St., San Francisco.
Architect—None. $3000

FRAME FLATS
(3478) E HYDE 75 N Bay. Two-story and basement frame (2) flats.
Owner—G. A. Witt, 602 9th Ave., San Francisco.
Architect—None.
Contractor—A. T. Morris, 602 9th Ave., San Francisco. $8000

DWELLING
(3479) E MADRID 237-6 N Geneva. One-story and basement frame dwelling.
Owner — Elizabeth Lagomarsino, 218 21st Ave., San Francisco.
Architect—None. $3900

STATION
(3480) SE DRUMM & SACRAMENTO. One-story steel service station.
Owner — Shell Co. of California, 343 Sansome St., San Francisco.
Plans by Owner. $1400

DWELLING
(3481) E TWENTY-THIRD AVE 225 N Irving. Two-story and basement frame dwelling.
Owner—C. A. and G. W. Stevens, 4026 Fulton St., San Francisco.
Architect—None. $4000

DWELLINGS
(3482) E LAGUNA HONDA 100 and 145 S Woodside. Two one-story and basement frame dwellings.
Owner — Hawkins Improvement Co., Mills Bldg., San Francisco.
Architect—Pierce Bros., Chronicle Bldg San Francisco.
Contractor—C. F. Parker, 251 Kearny St., San Francisco. $6500 each

DWELLING
(3483) W FORTY-SECOND AVE 100 S Geary. One-story and basement frame dwelling.
Owner—A. G. Bennett, 640 Post St., San Francisco.
Architect—None. $1000

ALTERATIONS
(3484) NO. 2413 FRANKLIN. Repair shingle roof; plastering, painting, tinting, etc., for flats.
Owner—F. Klopstock, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $1600

CHURCH
(3485) NW JUDAH AND FORTY-third Ave N 100xW 120. All work except radiators for two-story frame church building.
Owner—St. Paul's Presbyterian Church
Architect—Wythe & McCall, Central Bank Bldg., San Francisco.
Contractor — Thomas A. Cuthbertson, 1766 12th Ave., San Francisco.
Filed Sept. 14, '23. Dated Aug. —, '23.
Gymnasium roofed and entire building poured $4628
Frame up & rough plumbing in 4628
Brown coated 4628
Completed and accepted..... 4628
Usual 35 days..... 6172
TOTAL COST, $24,684
Bond, $12,500. Sureties, J. H. McCallum and F. W. Rock. Limit, 120 days. Forfeit, $1. Plans and specifications filed.

DWELLINGS
(3486) E THIRTY-EIGHTH AVE 125, 150 and 175 S Lincoln Way. Three one-story and basement frame dwellings.
Owner—St. Francis Realty Co., 410 Claus Spreckels Bldg., S. F.
Architect—Gustave Stahlberg, Flatiron Bldg., San Francisco. $4000 each

FRAME FLATS
(3487) S ANZA 175 E Fifteenth Ave. Two-story and basement frame (2) flats.
Owner—I. Sellman, 535 Waller St., San Francisco.
Architect—None.
Contractor—Johnson & Anderson, 4 Steiner St., San Francisco. $8000

ALTERATIONS
(3488) W KANSAS 50 N Twenty-fifth Alterations and additions to dwelling.
Owner—Alfred and Maybell Knutsen, 1378 Kansas St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco. $1000

FRAME FLATS
(3489) W GUERRERO 169-6 and 190-6 N Nineteenth. Two two-story and basement frame (2 in each) flats.
Owner—Mrs. L. Brown, 90 Bryant St., San Francisco.
Architect—None.
Contractor—Gustav Peterson, 683 9th Ave., San Francisco. $5000 each

SHOP
(3490) SE FOLSOM 225 NE Ninth NE 25x90. All work for one-story brick building (shop).
Owner—Edward and Henrietta Lewis, 423 6th St., San Francisco.
Architect—Charles Schwarz.
Contractor—Charles Schwarz, 1440-A Hyde St., San Francisco.
Filed Sept. 15, '23. Dated Sept. 15, '23.
Ready to receive joists.....$1856.25
Completed 1856.25
Usual 35 days..... 1327.50
TOTAL COST, $4950.00
Bond, $2475. Sureties, N. Andersen and A. A. Zelinsky. Limit, 40 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(3491) S UNION 62-6 W Jones W 30 xS 120. All work except lighting fixtures, shades, finish hardware and plumbing for three-story and basement frame building.
Owner—P. M. De Martini, 946 Broadway, San Francisco.
Architect — P. F. De Martini, 942 Broadway, San Francisco.
Contractor—G. Ferroni & Sons, 1926 Filbert St., San Francisco.
Filed Sept. 15, '23. Dated ——.
Frame up $6250
Brown coated 6250
Completed and accepted..... 6250
Usual 35 days..... 6250
TOTAL COST, $25,000
Bond, $12,500. Sureties, Angelo Benedette and G. Treehini. Limit, 100 days. Forfeit, none. Plans and specifications filed.

SEORE BLDG.
(3492) N POST 137-6 W Stockton W 37-6xN 137-6. Steam heating for three-story and basement store building.
Owner—Wm. M and Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Atlas Heating & Ventilating Co., 559 4th St., San Francisco.
Filed Sept. 15, '23. Dated Aug. 13, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2197
Bond, $1099. Surety, Fidelity & Deposit Co. of Maryland. Limit, Nov. 20, 1923. Forfeit, none. Plans and specifications filed.

(3493) PLUMBING ON ABOVE
Contractor—William J. Forster Co., 670 Howard St., San Francisco.
Filed Sept. 15, '23. Dated Sept. 13, '23.
Payments same as above.....
TOTAL COST, $3380
Bond, $1690. Surety, National Surety Co. Limit, Nov. 20, 1923. Forfeit, none. Plans and specifications filed.

(3494) ELECTRIC WIRING ON above.
Contractor—Butte Electrical Equipment Co., 530 Folsom St., S. F.
Filed Sept. 15, '23. Dated Sept. 13, '23.
Payments same as above.....
TOTAL COST, $3782
Bond, $1891. Surety, New Amsterdam Casualty Co. Limit, Nov. 20, 1923. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(3495) NO. 806 BUCHANAN. Alterations for two-story warehouse.
Owner—J. B. Van Nuys, Los Angeles.
Engineer—C. Heller, 57 Post St., San Francisco. $10,000

STORES, ETC.
(3496) S GEARY 90-10 E First Ave. One-story concrete and frame stores, etc.
Owner—Central Finance Corporation, % Architect.
Architect—Wm. F. Gunnison and H. P. Merritt, 57 Post St., San Francisco. $18,000

FRAME FLATS
(3497) W SHRADER 100 S Fulton. Two-story and basement frame (2) flats.
Owner—Misses Catherine A. and Margaret V. Reddington, 261 Valencia St., San Francisco.
Architect—C. A. Berger, 261 Valencia St., San Francisco. $8000

DWELLING
(3498) NO. 249 BRUSSELS. One-story and basement frame dwlg.
Owner—Dr. Adeline Williams, Prem.
Architect—None.
Contractor—Joe Blum, 212 Silliman St., San Francisco. $3000

DWELLING
(3499) — TWENTY-SEVENTH 448 E Church. One-story and basement frame dwelling.
Owner—J. Michael and C. Bomer, 762 De Haro St., San Francisco.
Architect—Geo. Wiemeyer, 76 Eureka St., San Francisco. $3500

ALTERATIONS
(3500) NO. 74 OTIS. Install cafeteria and construct fireproof partitions.
Owner—The Pacific Telephone & Telegrayh Co., % Engineer.
Architect—Engineer Dept. of Owner, Sheldon Bldg., San Francisco.
Contractor—Matthies & Gale, 180 Jessie St., San Francisco. $18,400

ALTERATIONS
(3501) NO. 516 SAN JOSE AVE. Reshingle roof; concrete floor for private garage quarters; rearrange partitions (flats).
Owner—Mrs. R. De Carli, Premises.
Architect—None.
Contractor — G. M. Battersby, 2706-B Mission St., San Francisco. $1000

DWELLING
(3502) E TWENTY-SIXTH AVE 225 S Taraval. One-story and basement frame dwelling.
Owner—Mrs. Francis Quevedo, 1072 Clay St., San Francisco.
Architect—P. C. Fisher, 1127 Hearst Bldg., San Francisco.
Contractor—Edward A. Johnson, 2445 26th Ave., S. F. $4000

ADDITIONS
(3503) NW VALENCIA AND SIXteenth Sts. Additions and alterations for banking quarters.
Owner—Mission Savings Bank, Prem.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.
Contractor—Wm. A. McKee. $45,000

APARTMENTS
(3504) E TWENTY-THIRD AVE 70 N Geary. Two-story and basement frame (4) apartments.
Owner—E. J. Wade, % Architect.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco $10,000

DWELLING
(3505) N HAVELOCK 211 E Arago. Two-story and basement frame dwelling.
Owner—J. T. Cresto, 74 Havelock St., San Francisco.
Architect—None.
Contractor—John Carlson, 31 Rivoli St., San Francisco. $5000

ALTERATIONS
(3506) NO. 3481 NINETEENTH ST Alterations and additions for (2) flats and store.
Owner—G. Biescotto, 3481 19th St., San Francisco.
Architect—Louis Mastropasqua, 580 Washington St., San Francisco.
Contractor—O. Fraumeni, 125 Waller St., San Francisco. $8000

DWELLING
3507) SW GALVEZ 200 N Keith. One story and basement frame dwlg.
Owner—Chas. J. Sarcander, 1329 Galvez Ave., San Francisco.
Architect—None.
Contractor—Chas. Olsen, 1237 Evans Ave., San Francisco. $2800

GARAGE
3508) E BRODERICK 50 N Union. One-story frame private garage (for six machines).
Owner—Mrs. Kytka, 2682 Union St., San Francisco.
Architect—Kuhn & Edwards, 833 Market St., San Francisco.
Contractor—Ferguson & Son, 1739 Union St., San Francisco. $1800

DWELLING
3509) SW NEWCOMB 150 NW Keith. Two-story and basement frame dwelling.
Owner—Emil H. and Eliza Richards, 1426 Newcomb Ave., S. F.
Architect—William G. Zupar, 1095 Market St., San Francisco.
Contractor—Wm. G. Zupar, 1095 Market St., San Francisco. $4850

SHOP
(3510) NE McCOPPIN AND STEVenson. One and one-half-story Class C concrete autobody shop.
Owner—George A. Neumiller, 14 28th St., San Francisco.
Designer—H. W. Dott, 16th and Church Sts., San Francisco.
Contractor—L. Vannucci Bros., 16th & Church Sts., S. F. $1500

FLAT BLDG.
(3511) E HYDE 75 N Bay 28-1½x90. All work for 2-story and basement frame flat building.
Owner—Gustav A. & Anna L. Schmidt, Geo. A. & Sophie O. Witt, 1110 Ellis St., San Francisco.
Architect—None.
Contractor — Alfred T. Morris, 602 9th Ave., San Francisco.
Filed Sept. 17, 1923. Dated Sept. 11, 1923
Roof on $2107.50
Brown coated 2110.00
Inside finish and carpenter work on 2110.00
Completed and accepted 2110.00
Usual 35 days 2812.50
TOTAL COST, $11,250
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

LATHING ETC.
(3512) E NINTH AVE. 275 N Geary. Lathing and plastering for Star of the Sea High School.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—John O. Lofquist, 1399 Tamalpais Blvd., S. F.
Contractor—Francis O'Reilly, 185 Stevenson St., S. F.
Filed Sept. 17, 1923. Dated June 15, 1923
1st each month 75%
Usual 35 days 25%
TOTAL COST, $12,427
Bond, 6213.50; Sureties, Fidelity & Deposit of Maryland; Forfeit, Limit, none; Plans and specifications filed.

ALTER & ADDITION
(3513) NW SIXTEENTH & VALENcia. Alterations and additions to bank building (preliminary carpentry work, etc.)
Owner — The Mission Savings Bank, premises.
Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., S .F.
Contractor—Wm. A. McKee, 931 Eddy St., S. F.
Filed Sept. 17, 1923. Dated Sept. 15, 1923
1st & 15th each month.....75%
plus 15% for contractor.
Usual 35 days .....Balance
TOTAL COST, $5400
Bond, Sureties, Forfeit, none; Limit, 40 days; Plans and specifications, none.

FLAT BLDG.
(3514) E NINETEENTH AVE. 250 N Irving. All work for 2-story frame flat building.
Owner—Irving Perkins.
Architect—Arthur H. Klahn, 1334 21st Ave., San Francisco.
Contractor—Arthur H. Klahn, 1334 21st Avenue.
Filed Sept. 17, 1923. Dated Sept. 17, 1923
Roof rafters up $1530
Brown coated 1530
Plastering completed 1530
Completed and accepted 1535
Usual 35 days 2040
TOTAL COST, $8165
Bond, Sureties, Forfeit, none; Limit, Feb. 1, 1924; Plans and specifications filed.

DWELLING
(3515) S MAGELLAN 268 E 12th Ave. One-story and basement frame dwelling.
Owner—C. F. Parker, 251 Kearny St., San Francisco.
Plans by Owner. $4000

SHOP
(3516) E FOLSOM 80 N Ninth. One-story frame mounment shop.
Owner—Chas. J. Tronoff, 1275 Folsom St., San Francisco.
Architect—None. $1000

DWELLINGS
(3517) S CAPP 162-7 and 187-7 E Mission and N ARMY 210-2 E Mission. Three two-story and basement frame dwellings.
Owner—Thos. F. Mitchell, 1370 Utah St., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. $5600 each

DWELLING
(3518) N ELINGTON 133-4 E Faragut One-story and basement frame dwelling.
Owner—C. Cavagnaro, 16 Goethe St., San Francisco.
Plans by Contractor.
Contractor—Wm. A. Powell, 74 Third St., San Francisco. $3000

DWELLING
(3519) E FIFTEENTH AVE 140 S Judah. One-story and basement frame dwelling.
Owner—R. P. Lang, 1207 Eleventh Av., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. $4750

MARKET
(3520) S McALLISTER 89-6 W Buchanan. One-story frame store (market).
Owner—N. Weidman and S. Orchid, % Architect.
Architect—Mel I. Schwartz, 1202 Nevada Bank Bldg., S. F.
Contractor—Not let as yet. $7000

FRAME FLATS
(3521) E NINETEENTH AVE 250 N Irving. Two-story and basement frame (2) flats.
Owner—Irving Perkins, 1030 Post St., San Francisco.
Architect—None.
Contractor—Arthur H. Klahn, 1334 21st Ave., San Francisco. $7000

DWELLINGS
(3522) E FIFTEENTH AVE 100, 125 and 150 N Kirkham. Three one-story and basement frame dwlgs.
Owner—L. S. Ross, 1440 15th Ave., San Francisco.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—D. W. Ross, 180 Jessie St., San Francisco. $4000

FRAME FLATS
(3523) E NINETEENTH AVE 325 N Fulton. Two-story and basement frame (2) flats.
Owner—Orrin Knox, 543 Balboa St., San Francisco.
Architect—None.
Contractor—Orrin Knox & Son, 543 Balboa St., S. F. $10,000

ALTER & ADDITIONS
(3524) W EIGHTH AVE. 175 S Geary. Alterations and additions for electric sub-station.
Owner—Market Street Railway Co., 58 Sutter St., S. F.
Architect—W. B. Farlow, 737 Holbrook Bldg., San Francisco.
Contractor — Ira W. Coburn, Hearst Bldg., S. F. $7840

STORE
(3525) S WILDE AVE. 590 E Alpha. 1-story frame store.
Owner—Frank Guttner, 26 Rutland St. San Francisco.
Architect—R. C. Sobie, Burlingame. $1400

FLATS
(3526) W SIXTEENTH AVE 262-6 N Cabrillo, 2-story and basement frame (2) flats.
Owner—Bryan Feerick, 253 Downey St. San Francisco.
Plans by Owner. $9000

COTTAGE
(3527) E FIFTEENTH AVE 140 S J St. S 25xE 100. All work for one-story and rough basement cottage.
Owner—R. J. Lang, 1229 Laguna St., San Francisco.
Plans by Contractor.
Contractor—Thomas F. Mitchell & Son, 1370 Utah St., San Francisco.
Filed Sept. 18, '23. Dated Sept. 14, '23.
$3000 to be paid by S. F. Savings & Loan Society as work progresses .....
Balance by Deed of Trust.....$1750
TOTAL COST, $4750
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

OFFICE, ETC.
(3528) SW GRANT AVE & BEACH W 275xS 137-6 Wood piling work for two-story office and factory building.
Owner—Otis Elevator Co. by P. J. Walker Co., Agents, 2300 Stockton St., San Francisco.
Architect—None
Contractor—M. B. McGowan, 180 Jessie St., San Francisco.
Filed Sept. 18, '23. Dated Sept. 15, '23.
On 10th of each month..... 75%
Usual 35 days 25%
TOTAL COST, $13,197
Bond, $6599. Surety, Fidelity & Deposit Co. of Maryland. Limit, 28 days after notified. Forfeit, none. Plans and specifications filed.

PAINTING, ETC.
(3529) N PACIFIC AVE, 137-6 E Broderick E 63-9 x N 147-7¼. Cleaning washing and painting of face brick work, stonework and trim, and painting for 2-story frame dwlg.
Owner—George L. Payne, 2830 Pacific Ave., S. F.
Architect — Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—Gurnette & Chandler, 51 Beaver St., S. F.
Filed Sept. 18, 1923. Dated Sept. 11, 1923
Cleaning & washing done.....$450
Completed and accepted 485
Usual 35 days 315
TOTAL COST, $1250
Bond, $625; Sureties, American Surety Co.; Forfeit, $10; Limit, 20 days; Plans and specifications filed.

OFFICES, ETC.
(3530) S BRYANT 310 W Fifth. Two-story concrete warehouse and offices.
Owner—Walter H. Sullivan, Inc., Alexander Bldg., San Francisco.
Architect—None.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco. $18,000

STORAGE BLDG.
(3531) IRWIN ST., bet. 7th and 8th Sts. One-story frame glass ware storage building.
Owner—Pacific Coast Glass Works, 7th and Irwin Sts., San Francisco.
Engineer—W. E. Murray, 826 Merchants' Exchange Bldg., San Francisco. $7500

FACTORY
(3532) N IRWIN ST., bet. 7th and 8th Sts. Steel frame glass factory.
Owner—Pacific Coast Glass Works, 7th and Irwin Sts., San Francisco.
Engineer—W. E. Murray, 826 Merchants' Exchange Bldg., San Francisco. $8500

FRAME FLATS
(3533) S FILBERT 65-6 W Leavenworth. Two-story and basement frame (2) flats.
Owner—Geo. Douglas.
Architect—None
Contractor — E. Blanckenburg, 3675 Jackson St., San Francisco. $12,000

STORES, ETC.
(3534) NW FORTY-NINTH AVE AND Cabrillo. Two-story and basement frame stores and offices.
Owner — Chutes-at-the-Beach, Inc., John M. Friedle), 709 Great Highway., San Francisco.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—G. F. Barnett, 828-A 48th Ave., San Francisco. $4500

DWELLING
(3535) W SIXTEENTH AVE., bet. Irvine and Lincoln Way. One-story and basement frame dwlg.
Owner—F. F. Hagal, 537-A Haight St., San Francisco.
Architect—None. $3920

DWELLING
(3536) N SWEENEY 100 E Merritt. One-story and basement frame dwelling.
Owner—Emily Sabin, 1470 San Bruno Ave., San Francisco.
Architect—James G. Neish, 627 Sunnyside Ave., San Francisco.
Contractor—Jas. G. Neish, 627 Sunnyside Ave., San Francisco. $3000

STORE
(3537) NO. 625 SUTTER. Construct mezzanine floor in store.
Owner—Frederick Gilberd, Premises.
Architect—Earl B. Bertz, 168 Sutter St., San Francisco. $3000

ALTERATIONS
(3538) NO. 977 MARKET. Raise floors, partitions, etc., fireproof operators' room; metal lath and plaster partitions for theatre.
Owner—Diamond Theatre Co., % Architect.
Architect—Martin A. Sheldon, 110 Sutter St., San Francisco. $8000

APARTMENTS
(3539) NE CLEMENT & TWENTY-eighth Ave. Two-story and basement frame (4) apartments.
Owner—V. Gullines, 1828 Castro St., San Francisco.
Architect—None. $11,000

GARAGE
(3540) S MARKET 215-6 E Fifteenth Two-story and basement reinforced concrete public garage.
Owner—John Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor — American Concrete Co., 785 Market St., S. F. $35,000

FLATS
(3541) S ANZA 175 E 15th Ave. All work for two-story and garage frame bldg. flats.
Owner—Ivar D. Sellman.
Architect—none.
Contractor—C. W. Johnson & Hjalmar Anderson, 163 Crocker Ave., S. F.
Filed Sep. 19, 1923. Dated Sep. 12, 1923.
Roof on ..... ¼
Interior plaster work finished.... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $11,150
Bond, Sureties, Forfeit, Limit, Plans and Specifications, none.

CHURCH BUILDING
(3542) N CALIFORNIA 82-6 E 9th Ave. N 100xE 50. All work for frame church building.
Owner—St. James Mission of the Protestant Church, 9th Ave. and California St.
Architect—Harvey E. Harris, 815 Balboa St.
Contractor—John Harder, 39th Ave. and Fulton St.
Filed Sept. 19, 1923. Dated Sept. 12,1923
Cement walls poured and forms removed $1729
Ready for roof 2729
Enclosed 2729
Rough plumbing done and brown walled 2729
Plaster completed 2729
Completed and accepted 2730
Usual 36 days 5125
TOTAL COST, $20,500
Bond, $10,250; Sureties, Fidelity & Casualty Co., of New York; Forfeit, $500; Limit, 80 days; Plans and Specifications filed.

FLATS
(3543) N GREENWICH W Laguna No 1962 Greenwich. All work for removal of present bldg., and erection of 2-story frame bldg. flats.
Owner—Adolph & Mathilda Spandau, 1958½ Greenwich St.
Architect—Wm. A. Newman, 402 Post Office building.
Contractor—T. L. Sharman, 1440 Shafter Ave.
Filed Sept. 19, '23. Dated Sept. 12, '23.
Present old bldg completed....$1600
New frame raised and roof sheathing on 2725
Brown coated 2725
Completed and accepted 2725
Usual 35 days 2725
TOTAL COST, $12,500
Bond, $6250; Sureties, Howes Lumber Co. & T. D. Anderson; Forfeit, $3.00; Limit, Dec. 12, 1923; Plans and Specifications filed.

FRAME BLDG.
(3544) S 19th 80 E Valencia 25x85. All work for 2-story frame bldg.
Owner—G. Biscoto, 3481 19th St. S. F.
Architect—L. Mastropasqua, 580 Washington St.
Contractor—Onofrio Fraumeni.
Filed Sep. 19, 1923. Dated Sep. 18, 1923.
Rough framing $2600
First coat plaster on 2600
Completed and accepted 2600
Usual 35 days 2600
TOTAL COST, $10,400
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded — Amount

(Correction In Date of Completion)

Aug. 25, 1923—SW THIRD & PERRY S 55xW 75. E A Lobree and L A Kutner to Finn Anderson, W E Trousdale and C B Sovig. Aug 22, '23

Sept. 13, 1923—ON LAKE bet. 14th and 15th Aves. The San Francisco Nursery for Homeless Children to William Martin.....Sept. 12, 1923

Sept. 13, 1923—NO. 713 MARKET known as Grant Market. Markets Invst Co to John Morton. Aug. 16, '23

Sept. 13, 1923—E FORTIETH AVE 502-5 S Clement S 35-3 E 120 N 12.05 NW 40.71 W 86.54. Arthur and Barney Quinn to whom it may concern.....Sept. 12, 1923

Sept. 13, 1923 NE McALLISTER & Leavenworth E 62-6xN 87-6. Mrs. Anita Grimm to Maundrell & Bowen .....Sept. 12, 1923

Sept. 13, 1923—E CLAY rung alg S Clay 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Sixth Church of Christ Scientist to Chas Sartorio .....August 28, 1923

Sept. 13, 1923—COM. 100 NW Tiffany and 482 N 29th NE 25 NW 115.38 SW 25-5⅝ m or l SE 110.47 m or l to beg. Alfred H and Susan A Binning to J N Gillogley..Sept. 6, '23

Sept. 13, 1923—JULES AVE 300 & 350 S of De Montford Ave 50x112-6 234-236 Jules Ave. Thomas J Sullivan to whom it may concern... .....Sept. 13, 1923

Sept. 13, 1923—W TWENTIETH AVE 225 N Fulton N 25xW 120. Philip and Anna Hack to G M Hantzsche .....Sept. 1, 1923

Sept. 13, 1923—NW BALBOA AND Seventeenth Ave 32-6xN 100. N J Nelson to whom it may concern... .....Sept. 12, 1923

Sept. 13, 1923—BEALE ST, FIRST and Bryant Sts. Southern Pacific Co to Eaton & Smith..Sept. 10, 1923

Sept. 14, 1923—S GEARY 45 E Fifth Ave 25x100. M G and Maud A Anderson to whom it may concern... .....Sept. 14, 1923

Sept. 14, 1923—SE FLORIDA AVE AND Edna S 25xE 100 Lot 1 BLK 29, Sunnyside. The McCarthy Co to whom it may concern..Sept. 14, 1923

Sept. 14, 1923—SE MARKET 140-4½ NE Brady NE 67xSE 180. San Francisco Lodge, 26, Loyal Order of Moose to Fred L Hansen..... .....Sept. 14, 1923

Sept. 14, 1923—NE POLK AND LOMbard 60x68-9. Chas A Johnson to whom it may concern...Sept. 1, 1923

Sept. 14, 1923—W SCOTT 34 N Hayes 35x87-6. H Cohen to Alex Johnson.....Sept. 14, 1923

Sept. 14, 1923—N GERMANIA 106-3 E Steiner 25x120. Fred W Marck to Adolph Miller.....Sept. 13, 1923

Sept. 14, 1923—S HARRISON 110 E Fifth E 32-6xS 100. Peninsula Burner & Oil Co to Pacific Concrete & Mosaic Co.....Sept. 8, 1923

Sept. 14, 1923—N FELL 167-6 W Gough W 52-6xN 120 L M and W H Smith to Meyer Bros..Sept. 14, '23

Sept. 14, 1923—LOT 29 BLK 22, St. Francis Wood Extn No. 2. Garden Homes Co to Mangels Bros..... .....Sept. 11, 1923

Sept. 14, 1923—S MAGELLAN AVE 270 E Twelfth Ave 40x100. H R Blair Jr to C F Parker..Sept. 7, 1923

Sept. 14, 1923—PTN LOTS 28 AND 29 Blk 24, St. Francis Wood Extn No. 2. Garden Homes Co to Mangels Bros.....Sept. 12, 1923

Sept. 15, 1923—SE FILBERT AND Scott E 126-9 S 137-6 E 37-0¾ N 137-6 W 37-0¾. E A Trenkle and Olav Kaarboe to whom it may concern.....Sept. 12, 1923

Sept. 15, 1923—NW ELEVENTH AND Natoma. Elmer E Stone and Richard Tobin to Charles W Gompertz.....Sept. 15, 1923

Sept. 15, 1923—SE LONDON 200 NE Brazil NE 25x100. Agnes Eberhart to S Saari.....Sept. 5, 1923

Sept. 15, 1923—W STOCKTON 80 S Sutter S 20 m or l by W 60. E E de Golia to F Moller....Aug. 14, 1923

sion Terrace. Walter E Hansen to

Sept. 15, 1923—LOT 6 BLK "F" Mission Terrace. Walter E. Hansen to whom it may concern..Sept. 14, 1923

Sept. 17, 1923—W TAYLOR 72-6 N Clay N 30x107-6. O C McFarland to whom it may concern.Sept. 5, 1923

Sept. 17, 1923—W SEVENTEENTH Ave 175 N Fulton 25x120. G E Watson to whom it may concern.. .....Sept. 15, 1923

Sept. 17, 1923—E SEVENTEENTH Ave 179.50 N Cabrillo N 22.50 E 111.42 m or I S 21.9375 W 111.42. Bahr Behrend to H O Lindeman.. .....Sept. 17, 1923

Sept. 17, 1923—S PACIFIC AVE 123 E Van Ness Ave E 125xS 127-8¼. A A Tiscornia to Fred L Hansen... .....Sept. 12, 1923

Sept. 17, 1923—W SAN FERNANDO Way 155 S Monterey Blvd.; W San Fernando Way 155 N Darien Way. O M Hueter to Boxton & Zwieg... .....Sept. 15, 1923

Sept. 17, 1923—E LEE AVE 150 N Grafton Ave. N 25xE 112-6 Lot 12 Blk "E" Lakeview. The McCarthy Co to James Arnott & Son..... .....Sept. 17, 1923

Sept. 17, 1923—E MISSION 215 S Nineteenth 45x90. The Rudolph Wurlitzer Co to M E Greene.... .....Sept. 15, 1923

Sept. 17, 1923—N GEARY 80 W Palm Ave W 40xN 100. Edward and Bernice Sugarman to whom it may concern.....Sept. 7, 1923

Sept. 18, 1923—SIXTEENTH AVE 200 N Balboa 25x127. Johnson & Anderson to whom it may concern... .....Sept. 18, 1923

Sept. 18, 1923—N CABRILLO 92 W Twenty-fourth Ave W 28xN 81; W Twenty-fourth Ave 108 N Cabrillo N 27xW 120. Michael and Lawrence Costello to whom it may concern.. .....Sept. 15, 1923

Sept. 18, 1923—102-1½ S LAKE, 25x 120. M P Storheim to whom it may concern.....Sept. 18, 1923

Sept. 18, 1923—NO 222 TWENTY-fifth Ave. Gussie L Cranz to Theo S Hoin.....Sept. 14, 1923

Sept. 18, 1923—N ROLPH 50 W Paris W 25x100. Timothy D Sullivan to whom it may concern..Sept. 18, 1923

Sept. 18, 1923—N PINE 87-6 W Fillmore W 25xN 100. Carl F Schlundt to McIntosh Bros.....Aug. 12, 1923

Sept. 18, 1923—NE NINTH AVE AND Lawton 32 ft. on 9th Ave. by 120 on Lawton. Richard H and Clara V Travers to whom it may concern .....Sept. 14, 1923

Sept. 18, 1923—NW CLARA 150 SW Hitch SW 25xNW 75. F Monson to whom it may concern..Aug. 15, 1923

Sept 18, 1923—W TWENTY-FOURTH Ave 31 N Cabrillo N 25xW 92; W 24th Ave 162 N Cabrillo N 28xW 120; NW 24th Ave and Cabrillo, N 31xW 92. Michael and Lawrence Costello to whom it may concern.. .....Sept. 15, 1923

Sept. 19, 1923—SE EDDY & SCOTT S 25xE 87-6. Jacob Barman Jr to whom it may concern..Sept 15, 1923

Sept. 19, 1923—NO. 432 MORGAN. George and Hilma Nogren to Carl Peterson.....Sept. 7, 1923

Sept. 19, 1923—E TWENTY-NINTH Ave 115 N Cabrillo. J Harold Johnson to whom it may concern.. .....Sept. 15, 1923

Sept. 19, 1923—E FRANKLIN 137-6 S Ray S 25xE 124. Geo Lamphear to Meyer Bros.....Sept. 15, 1923

Sept. 19, 1923—NE SEVENTH AVE & Clement 29x100. Nork Realty Co to whom it may concern..... .....Sept. 8, 1923

Sept. 19, 1923—E PIERCE 100 N Lombard 25xE 110. Louis Lagier to whom it may concern..Sept. 13, '23

Sept. 19, 1923—W CHURCH 35 S Duncan. Gertrude G Latey to Ira Glotfelter.....

Sept. 19, 1923—W EIGHTH AVE 280 S California S 33xE 120. David Danehy to C O Clausen..Sept. 18, '23

LIENS FILED

SAN FRANCISCO COUNTY

Recorded	Amount
Sept. 13, 1923—W FRANKLIN 62-6 S Chestnut S 25x W 100. Christenson Lmbr Co vs Mrs Lillie Risdon and C D Delmarter	$978.15
Sept. 13, 1923—W FRANKLIN 62-6 S Chestnut S 25x W 100. G B Jackson & Sons vs C D Delmarter and Mrs. Lillie Risdon	$95.89
Sept. 13, 1923—E FORTY-FIFTH AV 160 S Irving S 25xE 120. Pioneer Plate & Window Glass Co vs Wm H and Nance L Voll and C D Delmarter	$93.65
Sept 13, 1923—W FRANKLIN 62-6 S Chestnut W 100xS 25. M G Peck vs C D Delmarter and Mrs. Lillie S Risdon	$52
Sept. 14, 1923—NW FORTY-SECOND Ave and Irving N 25xW 95. George W B Harris vs D J Beasley, J C Gibson and Ralph Ellis	$206.97
Sept 14, 1923—E EIGHTEENTH AV 300 S Anza S 25xE 120. Inlald Floor Co vs Gertrude M and Peter A Reimus	$123.05
Sept. 14, 1923—SW VISITACION & Rey S 75xW 120 m or I Lots 6 and 7 Blk 32, Sunnyvale Hd Assn. The Greater City Lumber Co vs Charles A Lewis and Nick Nicoletti	$888.05
Sept. 14, 1923—NE BUSH AND VAN Ness Ave N 60xW 100. Arthur Brown vs P E Blalock and A L Stone	$409.90
Sept. 15, 1923—N SACRAMENTO 200-6 W Franklin. J A Black vs A F Frick	$701.95
Sept. 17, 1923—SW FIFTH 240-7½ SE Harrison SE 34-4½xSW 137-6. G Massagli & Co vs Mas W Mindner Chas F Schuetz (as Charles F Schuetz Co)	$357.15
Sept. 18, 1923—E NINTH AVE 50 N Judah N 50xE 95. J S Guerin & Co vs James C Gibson	$452.22
Sept. 18, 1923—E THIRTY-FIFTH Ave 200 S Clement S 25 E 120 N 25 W 200. D N & E Walter & Co vs Francis J Povey	$21.50
Sept. 19, 1923—E NINTH AVE 75 N Judah N 25xE 95. Reinhart Lumber & Planing Mill Co vs James C Gibson	$5237.55
Sept. 19, 1923—E NINTH AVE 59 N Judah N 25xE 95. Reinhart Lumber & Planing Mill Co vs James C Gibson	$4410.6
Sept. 19, 1923—S CLEMENT 206 E Thirty-eighth Ave E 33.74xS 110. M Stulsaft Co vs Alton R Lanham, Frank Kohler and Kohler Plumbing & Heating Co	$78.50
Sept. 19, 1923—NE GEARY AND Thirty-fifth Ave E 32-6xN 100. G Massagli & Co vs F J Povey and C D Delmarter	$588.01
Sept. 19, 1923—E THIRTY-SECOND Ave 200 N California N 25xE 120. M Stulsaft Co vs Matthew W McCarthy, Elizabeth W McCarthy, B W Demarais, Frank Kohler and Kohler Plumbing & Heating Co	$66.50
Sept. 19, 1923—NW PIERCE AND Fell N 132-6xW 112-6. M Stulsaft Co vs P Midbust, Frank Kohler and Kohler Plumbing & Heating Co	$797.37
Sept. 19, 1923—W FIFTEENTH AVE 100 N Geary N 25 W 105 S 50 E 75 N 25 E 30. M Stulsaft Co vs Maurice E Aron, P Midbust, Frank Kohler and Kohler Plumbing & Heating Co	$282.30
Sept 19, 1923—S BALBOA 107-6 E Twenty-ninth Ave E 25xS 100. M Stulsaft Co vs Frank J & Johanna Kelly and C Blake and Frank Kohler and Kohler Plumbing & Heating Co	$88.98
Sept. 19, 1923—E TWENTIETH AVE 110 N Kirkham N 125 E 120 S 25 W 25 S 100 W 95. M Stulsaft Co vs Charles and Christian Anderson, Frank Kohler and Kohler Plumbing & Heating Co	$167.14

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded	Amount
Sept. 13, 1923—W TWENTIETH AV 225 N Ortega N 100xW 120. Ed Swift to C A Ericsson, Aurora Eissler and Mrs John W Aitken..	

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Sept. 14, 1923—NO. 939 KEARNY ST. Leopold Hirsch as to improvements on property.....

Sept. 17, 1923—SW JESSIE AND Fourth and 160 NW Mission SW 75xSE 30. Henrietta Stark and Dorothy Davis as to improvements on property .....

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Sept 17, 1923 NE CASTRO AND Liberty N 26-6xE 105. Elizabeth Cooper with Oscar Larson. Work ceased .....August 9, 1923

ARCHITECT'S CERTIFICATE

SAN FRANCISCO COUNTY

Sept. 17, 1923—E Eugene Barton has filed his certificate of architecture for San Francisco County.

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Sept. 19, 1923—NW BRYANT AND Army N 27-5 W 75 S 23 E 75-0¾. Jos A and Antonie Philipp with Paul Peper and Elbert Thompson.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4210	Hardy	Silva	5000
4211	Mengres	Rockingham	7000
4212	Silvester	Peterson	3000
4213	Bacon	Roth	2950
4214	Frier	Roth	4400
4215	Hardman	Hardman	5000
4216	Benedidittl	Mohr	3300
4217	Hoyt	Button	5000
4218	Zurilgen	Pinkerton	3850
4219	Cal. Subd.	Gettys	3500
4220	Campbell	Hamilton	10000
4221	Kramer	Kramer	2300
4222	Laborde	Gaubert	4000
4223	Bethany	Frairs	6000
4224	Ronaldson	Wells	3250
4225	Schwind	Owner	2000
4226	Moore	Owner	2000
4227	Ccilier	National	1200
4228	Orton	Owner	3000
4229	Kulchar	Owner	8000
4230	Van Groewald	Owner	2000
4231	Hermanson	Owner	4500
4232	Pryal	Owner	2900
4233	Paoli	Johnson	5900
4234	S. P.	Eaton	....
4235	Wene	Owner	2000
4236	Babcock	Burks	4000
4237	Marquis	Owner	6000
4238	Same	Same	4000
4239	Rankin	Breuner	3500
4240	Price	Johnson	34400
4241	Reeves	Owner	7200
4242	Cisero	Owner	3000
4243	De Ponte	Redimade	3750
4244	McKeever	Matteson	2800
4245	Nelson	Muller	8000
4246	Smith	Owner	2800
4247	Merlin	Peppin	5500
4248	Stratton	Calif.	7000
4249	Acker	Owner	1500
4250	Asterdock	Smith	2500
4251	Tum	Moore	1000
4252	Michalske	Owner	1000
4253	Young	Carlson	8000
4254	Brown	Owner	3500
4255	Bordwell	Owner	5000
4256	Kerr	Stewart	2300
4257	Pennoyer	Stewart	2500
4258	Pearce	Lucas	5600
4259	Jarus	Malick	3172
4260	Jarus	Malick	255
4261	Castronevo	Passarino	5850
4262	Roth	Murch	25221
4263	Cane	Cane	9000
4264	Milnar	Anderson	3800
4265	Damgaard	Owner	3000
4266	Brooks	Owner	3000
4267	Egenberger	Johnson	12500
4268	Hassler	Littlefield	98600
4269	Western	Thornalley	4200
4270	Roy	Diestel	14000
4271	McArovy	Runnels	7000
4272	Poppie,	Thaxter	5000
4273	Laine	Owner	2500
4274	Alden	Pearson	2800
4275	Gellerman	Benjegerdes	4500
4276	Turner	Owner	2400
4277	Feigenberg	Owner	4500
4278	Kopf	Kopf	1600
4279	Castronau	Passarino	5850
4280	Harrison	Peters	2500
4281	Finchel	Andrews	3000
4282	Ellis	Lloyd	5000
4283	Fernandez	Owner	1000
4284	Houck	Owner	6000
4285	Mullen	Meyer	5000
4286	Sargent	Engs	4000
4287	Paoli	Johnson	5500

4288	Johnson	Owner	2000
4289	Martindale	Stewart	2300
4290	Taylor	Owner	1200
4291	Gerrish	Holton	6000
4292	Pinelli	Bold	5100
4293	Fish	Owner	4500
4294	Rogers	Cushman	4000
4295	Roth	Owner	5000
4296	Leare	Owner	3500
4297	Pinelli	Bold	6100
4298	Bryant	Crane	7000
4299	Squire	Mason	4000
4300	Nelson	Owner	2000
4301	Knowlton	Owner	3000
4302	Swink	House	4500
4303	Campbell	Campbell	2800
4304	Warrack	Kopf	9250
4305	Clark	Owner	6000
4306	Brown	Silva	5250
4307	Dietz	Rose	7000
4308	Jorgensen	Owner	5200
4309	Nissen	Reed	6000
4310	Welch	Henderson	5100
4311	Pinch	Monroe	6500
4312	Davidow	Owner	6000
4313	Allyn	Stockholm	13000
4314	Schimmel	Knight	27800
4315	Kingsley	Owner	12000
4316	Sloane	Stanton	3600
4317	Whilton	Hopper	5600
4318	Wright	Owner	3200
4319	Van Valkenberg	Owner	1800
4320	Noonan	Noonan	3500
4321	Sigwald	Owner	3000
4322	Park	Jensen	4000
4323	Actico	Denwiddie	387500
4324	Probert	Cederborg	15535
4325	Dungan	Flores	7600
4326	Newell	Andersen	4000
4327	West Coast	Hopper	4500
4328	Wishart	Owner	3200
4329	Perry	Butterfield	7500
4330	Adler	Hale	3000
4331	Hally	Ventre	7000
4332	Broenscomb	Owner	5625
4333	Romie	Wilson	9000
4334	Reynolds	Wierk	3800
4335	Stalder	Buick	6000
4336	Drost	Owner	3000
4337	Flagg	Brennan	5192
4338	Doss	Owner	2000
4339	Robinowitz	Ortzow	4200
4340	Standard	Malott	2416
4341	Standard	Herrick	7000
4342	Standard	Herrick	42144
4343	Standard	Scott	7790
4344	Standard	Dinwiddie	120850
4345	Standard	Zelinsky	6611
4346	Standard	Turner	8900

DWELLING
(4210) 1108 UNION ST., Alameda. 2-story 8-room dwelling.
Owner—Mrs. Hardy.
Architect—None.
Contractor—Jos. W. Silva, 2836 School St., Alameda. $5000

DWELLING
(4211) 1424 SAN JOSE, Alameda. 2-story 7-room dwelling.
Owner—Stewart Menzies, 2458 Vallejo St., San Francisco.
Architect—None.
Contractor — J. H. Rockingham, 1431 Grand St., Alameda. $7000

DWELLING
(4212) 2300 EAGLE AVE., Alameda. 1 story 6-room dwelling.
Owner—J. Silvester, 2426 Lincoln Ave. Alameda.
Architect—None.
Contractor — A. Peterson, 921 Taylor Ave., Alameda. $3000

DWELLING
(4213) 1311 CHESTNUT, Alameda. 1-story 4-room dwelling.
Owner—A. M. Bacon, 1726 Eagle Ave., Alameda.
Architect—None.
Contractor—Conrad Roth, Dublin Blvd., Hayward. $2950

DWELLING
(4214) 1915 ALAMEDA AVE., Alameda 1-story 6-room dwelling.
Owner — L. M. Frier, 1520 Union St., Alameda.
Architect—None.
Contractor—Conrad Roth, Dublin Blvd. Hayward. $4400

DWELLING
(4215) 922 THE ALAMEDA, Berkeley. 1-story 6-room dwelling.
Owner—J. R. Hardman, 914 Inyo St., Berkeley.
Architect—None.
Contr.—J. R. Hardman & Son. $5000

DWELLING
(4216) 1315 DERBY, Berkeley. 1-story 6-room dwelling.
Owner — T. Benediditti, 594 45th St., Oakland.
Architect—None.
Contractor—C. Mohr, 530 66th St., Oakland. $3300

DWELLING
(4217) 1741 TACOMA, Berkeley. 1-sto. 7-room dwelling.
Owner—Ralph Hoyt, 5357 Shafter Ave., Oakland.
Architect—None.
Contractor—F. Button, 270 Mather St., Oakland. $5000

DWELLING
(4218) 1613 VIRGINIA, Berkeley. 1-story 5-room dwelling.
Owner—Joseph Zurilgen, 1626 Virginia Berkeley.
Architect—None.
Contractor—J. A. Pinkerton, 1931 Berryman St., Berkeley $3850

DWELLINGS
(4219) 912 CEDAR 1616 1624 1612 1620 1641 1625 7th St., Berkeley. 7 1-sto. 2-room dwellings.
Owner — Calif. Subdivision, Syndicate Bldg., Oakland.
Architect—None.
Contractor—W. C. Gettys. $3500 ($500 each)

APARTMENTS
(4220) SW COR. FIFTY-FIRST AND Clark Sts., Oakland. 2-story 14-rm. apartments.
Owner—E. Campbell.
Architect—None.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley. $10,000

DWELLING
(4221) N CARMEL 350 W Maple, Oakland. 1-story 2-room dwelling and a chicken house.
Owner—Harda Kramer, 2843 Eastman Ave., Oakland.
Architect—None.
Contractor—Add Kramer 2843 Eastman Ave., Oakland. $2300

DWELLING
(4222) NW COR AVENAL & HAVENSCOURT, Oakland. 1-story 5-room dwelling.
Owner—J. Laborde 12th and Market Sts Oakland.
Architect—None.
Contractor—N. Gaubert, 1910 40th Ave., Oakland. $4000

CHURCH
(4223) N PENNIMAN 300 E 35th Ave., Oakland. 2-story church.
Owner—Bethany Baptist Church, 3452 School St., Oakland.
Architect—None.
Contractor—E. E. Travis, 3045 Humboldt Ave., Oakland. $6000

DWELLING
(4224) S HOPKINS 80 E Woodruff, Oakland. 1-story 5-room dwelling.
Owner — S. Ronaldson, 1016 59th St., Oakland.
Architect—None.
Contractor—F. P. Wells, 4034 Porter St. Oakland. $3250

ADDITION
(4225) S FIFTH ST. 75 E Jefferson, Oakland. Brick addition.
Owner—W. J. Schwind, 352 Wood St., Oakland.
Architect—None. $2000

DWELLING
(4226) 1224 EIGHTY - SIXTH AVE., Oakland. 1-story 3-room dwelling.
Owner—Kent B. Moore, 2214 Seminary Oakland.
Architect—None. $2000

ELECTRIC SIGN
(4227) 2801 BDWY, Oakland. Electric sign.
Owner—Collier & Browhe, premises.
Architect—None.
Contractor—National Elec. Sign Co. 510 18th St., Oakland. $1200

DWELLING
(4228) 5415 FLEMING, Oakland. 1-sto. 5-room dwelling.
Owner—A. E. Orton, 2558 Seminary Ave., Oakland.
Architect—None. $3000

DWELLING
(4229) SW COR. PALMETTO & BOSton, Oakland. 2-story 8-room dwlg.
Owner—S. Kulchar.
Architect—None. $8000

DWELLING
(4230) 3150 SIXTY-THIRD AVENUE, Oakland. 1-story 4-room dwelling.
Owner — Henry Von Groenwald, 3150 63rd Ave., Oakland.
Architect—None. $2000

DWELLING
(4231) 5701 VICENTE ST., Oakland. 2-story 6-room dwelling.
Owner—H. E. Hermanson, premises.
Architect—None. $4500

DWELLING
(4232) 5445 CLAREMONT AVE., Oakland. 1-story 4-room dwelling.
Owner—Mrs. R. E. Pryal, premises.
Architect—None. $2950

DWELLING
(4233) E LINDEN ST N 12th St., Oakland. 2-story 7-room dwelling.
Owner—V. J. Paoli, 928 Chestnut, Oakland.
Architect—None.
Contractor — H. Elmer Johnson, San Leandro.
Filed Sept. 13, 1923. Dated Aug. 25, 1923
1st floor joists up .....$ 500
Roof rafters on 1200
Brown coated 1200
Completed and accepted 1800
Usual 35 days 1200
TOTAL COST, $5900
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

REPAIRS
(4234) ELLSWORTH ST. ELEC. LINE between Adeline and Allston Way, Berkeley. Repairs.
Owner—S. P. Co.
Architect—None.
Contractor—C. E. Eaton and J. Smith (Eaton and Smith) 715 Ocean, S. F.
Filed Sept. 13, 1923. Dated Sept. 5, 1923.
End each month 75%
Usual 35 days 25%
TOTAL COST—Labor 4.55 per lin. ft.; labor on drain tile 20c per lin. ft.; culverts 6.60 per lin. ft.; Armco No. 10 gage 3.60 per lin. ft.; labor on 4-in. drain tile 10c lin. ft.
Bond, $38,000; Sureties, National Surety Co.; Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(4235) NO. 1513 HOLLY, Berkeley. One-story 5-room dwelling.
Owner—Karl Wene, 1332 Curtis St., Berkeley.
Architect—None. $2000

DWELLING
(4236) NO. 1722 SAN LORENZO ST., Berkeley. One-story 6-room dwlg.
Owner—A. R. Babcock, San Francisco.
Architect—None.
Contractor—C. E. Burks , 4129 Randolph Ave., Oakland. $4000

DWELLINGS
(4237) NO. 1434 AND 1433 EDITH ST., Berekeley. Two one-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—one. $3000 each

DWELLING
(4238) No. 829 THE ALAMEDA, Berkeley. One-story 5-room dwelling
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $4000

DWELLING
(4239) NO. 1530 TACOMA, Berkeley. One-story 5-room dwelling.
Owner—J. L. Rankin, 6082 Claremont Ave., Berkeley.
Architect—None.
Contractor—L T. Breuner, 1519 Grove St., Berkeley. $3500

APARTMENTS
(4240) NE LAKESHORE AND HANover Ave , Oakland. Two-story 28-room apartments.
Owner—J. H. Price, 696 Mandana Blvd. Oakland.
Architect—None.
Contractor—Johnson & Abdon, 530 13th St., Oakland. $34,400

DWELLINGS
(4241) S MERA 14, 36 and 76 W Stelnway, Oakland. Three one-story 4-room dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2400 each

DWELLING
(4242) NO. 4032 MARKET ST., Oakland. One-story 5-room dwelling
Owner—Cisero & Raineri, 458 42nd Ave. Oakland.
Architect—None. $3000

DWELLING
(4243) N HOPKINS 130 E 14th Ave., Oakland One-story 5-room dwlg.
Owner—M. De Ponte, 3224 Montana St., Oakland.
Architect—None.
Contractor—Redimade Bldg. Co., 2960 E-14th St., Oakland. $3750

DWELLING
(4244) NO. 1651 CHURCH ST., Oakland. One-story 4-room dwelling
Owner—J. H. McKeever.
Architect—None.
Contractor—E. T. Matteson, 3629 Laguna Ave., Oakland. $2800

STORE
(4245) N FOURTH 150 E Harrison, Oakland. One-story brick store.
Owner—Nelson Lee Paper Co., 515 Franklin St., Oakland.
Architect—None.
Contractor—F. A. Muller, Syndicate Bldg., Oakland. $8000

DWELLING
(4246) 9500 THERMAL AVE., Oakland. 1-story 4-room dwelling.
Owner—R. A. Smith, 1757 82nd Ave., Oakland.
Architect—None. $2800

DWELLING
(4247) S MANDANA BLVD. 1000 E Lakeshore Ave., Oakland. 1-story 6-room dwelling.
Owner—W. E. Merlin.
Architect—None.
Contractor—J. B. Peppin, 851 Trestle Glen Ave., Oakland. $5500

APARTMENTS
(4248) NE CORNER SIXTEENTH & Grove Sts., Oakland. 3-story 48-rm. brick apartments.
Owner—Jeannie Stratton.
Architect—None.
Contractor — Calif. Builders Co., 1534 Franklin St., Oakland. $7000

DWELLING
(4249) S SUTTER ST. 510 E 35th Ave. Oakland. 1-story 4-room dwelling.
Owner—Jas. Acker.
Architect—None. $1500

ADDITION
(4250) W FILBERT ST. GORE San Pablo, Oakland. Addision.
Owner—John Asterdock, Alameda.
Architect—None.
Contractor — Geo. Smith, 3315 E-23rd St., Oakland. $2500

ADDITION
(4251) NW COR. FIFTEENTH AND E 12th St., Oakland. Addition.
Owner—Tum Sudden Co., 11th Ave. and E-14th St., Oakland.
Architect—None.
Contractor—J. W. Moore, 857 Milton St. Oakland. $1000

ADDITION
(4252) 4031 FOREST HILL AVE, Oakland. Addition.
Owner—W. J. Michalske, Premises.
Architect—None. $1000

ALT. & ADDITION
(4253) 2315 NINTH AVE., Oakland. Alteration and addition.
Owner—Mrs. Kate Young, premises.
Architect—None.
Contractor—Carlson & Sandusky, 2418 Marcon Ave., Oakland. $8000

DWELLING
(4254) 1412 E-THIRTY-SIXTH St., Oakland. 1-story 6-room dwelling.
Owner—Chas. F. Brown and A. Stenbro 1707 Broadway, Oakland.
Architect—None. $3500

DWELLING
(4255) 562 SANTA RAY AVE., Oakland. 1-story 6-room dwelling.
Owner—C. E. Bardwell Jr. 2503 10th Av. Oakland.
Architect—None. $5000

DWELLING
(4256) 1562 SEVENTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Ellen M. Kerr, 3044 Capp St., Oakland.
Architect—None.
Contractor—M. Stewart, 3044 Capp St., Oakland. $2300

DWELLING
(4257) 1568 SEVENTY-EIGHTH AVE. Oakland, 1-story 5-room dwelling.
Owner—Jessie Pennoyer, 2444 Carleton St., Berkeley.
Architect—None.
Contractor—M. Stewart, 3044 Capp St., Oakland. $2500

DWELLING
(4258) E HEARN ST., 150 S Chabot Road, S 40 E 120, Oakland.
Owner—Owen Pearce, 2201 Ashley Ave.
Architect—None.
Contractor—Lawrence L. Lucas, 2201 Ashley Ave.
Filed Sept. 14, 1923. Dated Aug 25, 1923
Note and deed of trust.
TOTAL COST, $5600.
Bond, forfeit, none. Limit 85 days. Plans and specifications filed.

DWELLING
(4259) E 64th AVENUE 135 N E 4 St Oakland. One story frame dwelling.
Owner—J. S. Jurus.
Architect—None.
Contractor—W. B. Malick, 2122 High Street.
Filed Sept. 14, 1923.
Frame up $820
Enclosed 820
Completed and accepted 820
Usual 35 days 712
TOTAL COST, $3172
Bond, Forfeit, none. Specifications filed. Plans not filed.

GARAGE
(4260) E 69th AVENUE, 135 N E 14st, Oakland.
Owner—J. S. Jurus and wife.
Architect—None.
Contractor—W. B. Malick, 2122 High Street.
Filed Sept. 14, 1923. Dated ———.
Completed $255
TOTAL COST, $255
Bond, Forfeit, Limit, none. Specifications filed. Plans not filed.

DWELLING & GARAGE
(4261 ½ LOT 45 & ½ LOT 46 ON S 39th St., Oakland.
Owner—Francesco Castronovo & Paul Belluomini.
Architect—None.
Contractor—John Passarino, 5518 San Pablo Street.
Filed Sept. 14, 1923. Dated Sept. 8, 1923.
Roof on $1600
Interior plastered 1600
Completed & accepted 1600
After completion 1050
TOTAL COST, $5850
Bond, Sureties, Forfeit, none. Limit 90 days. Specifications and plans none.

STORES
(4262) N UNIVERSITY AVE 240.92 W Shattuck Ave., Berkeley. 1-story class C reinforced concrete stores.
Owner—Rebecca F. Roth, S. F.
Architect — August G. Headman, Call Bldg., S. F.
Contractor—Walter Murch, Fred Rity Bldg., Oakland.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

Filed Sept. 13, 1923. Dated Sept 12, 1923
1st floor joists laid.....$6105
Roof on 6105
Completed and accepted..... 6705
Usual 35 days 6306
TOTAL COST, $25,221
Bond, $12,611; Sureties, Maryland Casualty Co.; Forfeit, $20 day; Limit, 70 days; Plans and specifications filed.

APARTMENTS
(4263) 1040 STANFORD AVE., Oakland. 2-story 12-room apts.
Owner—Mrs. Mary T. Cane, 1036 60th St Oakland.
Architect—None.
Contractor — Harold Cane, 5838 San Pablo Ave., Oakland $9000

DWELLING
(4264) S ALLENDALE AVE. 80 E Abbory St., Oakland. 1-story 5-room dwelling.
Owner—L. Millnar, 3657 Allendale Ave., Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $3800

DWELLING
(4265) W SIXTIETH AVE 105 S E-14th St., Oakland. 1-story 6-room dwelling.
Owner—S. Damgaard, 1352 87th Ave., Oakland.
Architect—None. $3000

ADDITION
(4266)1704 EIGHTY-SECOND AVENUE Oakland. Addition.
Owner—J. J. Brooks, premises.
Architect—None. $3000

APARTMENTS
(4267) SW COR. FORTY-SECOND & Grove Sts., Oakland. 2-story 16-rm. apartments.
Owner—V. Egenberger, 4137 Grove St., Oakland.
Architect—None.
Contractor — Gustave Johanson, 1357 Northside Ave., Berkeley. $12,500

STORES & DANCE HALL
(4268) W BROADWAY 93 N Durant St. N 93 W 128, Oakland. 2-story reinforced concrete stores & dance hall.
Owner—J. F. & Marjorie E. Hassler, Central Bank Bldg., Oakland.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Contractor—R. W. Littlefield, 357 12th St., Oakland.
Filed Sept. 15, 1923. Dated Sept. 14, 1923
Bet. 1st & 10th day ea. month....75%
36 days after.....25%
TOTAL COST, $98,600
Bond, $49,500; Sureties, Globe Indemnity Co. Forfeit, none. Limit, 120 days Plans and Specifications filed.

REPAIRS
(4269) EAST YARD, Emeryville. Repairs.
Owner—Western Electric Co., Inc., 40th and Hollis St., Emeryville.
Architect—None.
Contractor—W. G. Thornalley, 357 12th St., Oakland.
Filed Sept. 15, 1923. Dated —.
Each month 75%
Usual 35 days 25%
TOTAL COST, $4200
BoBnd, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

APARTMENTS
(4270) 537 MANDANA BLVD, Oakland All work for 2-story frame apts.
Owner—C. B. Roy, 473 Stow Ave., Oakland.
Architect—None.
Contractor—Diestel & Vezina, 474 Stow Ave., Oakland.
Filed Sept. 14, 1923. Dated Sept 1, 1923.
Roof rafters in place.....$2625
Brown coated 2625
White coated 2625
Completed and accepted 2625
Usual 35 days 3500
TOTAL COST, $14,000
Bond, Sureties, Forfeit, none; Limit, 120 days after Sept. 1; Plans and specifications, none.

DWELLING
(4271) NO. 2511 REGAL ROAD, Berkeley. One-story 6-room dwlg.
Owner—Jennie McArovy.
Architect—None.
Contractor—Oscar I. Runnels, 2133 University Ave., Berkeley. $7000

DWELLING
(4272) NO. 1295 TAMALPAIS, Berkeley. One-story 5-room dwelling.
Owner—Sarah Popple, 2515 Vine St., Berkeley.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $5000

DWELLING
(4273) NO. 2131 BYRON, Berkeley. One-story 5-room dwelling.
Owner—Olli Laine, 933 Addison St., Berkeley.
Architect—None. $2500

DWELLING
(4274) NO. 1426 HEARST AVE., Berkeley. One-story 5-room dwlg.
Owner—C. A. Alden, 1428 Hearst Ave., Berkeley.
Architect—None.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $2800

DWELLING
(4275) NO. 2441 KEITH, Berkeley. One-story 5-room dwelling.
Owner—H. Gellernan, 535 28th St., Oakland.
Architect—None.
Contractor—C. L. Benjegerdes, 2129 E-24th St., Oakland. $4500

DWELLING
(4276) NO. 1227 PARKER, Berkeley. One-story 4-room dwelling.
Owner—G. W. Turner, 1327 Blake St., Berkeley.
Architect—None. $2400

GARAGE
(4277) 467 LAGUNITAS AVE., Oakland. Tile garage.
Owner—Feigenberg & Batharach, 522 7th St., Oakland.
Architect—None. $1500

DWELLING
(4278) 1339 EIGHTY-SECOND AVE., Oakland. 1-story 4-room dwelling.
Owner — Mary Kopf, 1015 82nd Ave., Oakland.
Architect—None.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. $1600

DWELLING
(4279) S THIRTY-NINTH ST. 250 E Adeline, Oakland. 1-story 6-room dwelling.
Owner—F. Castronaro.
Architect—None.
Contractor — J. Passarino, 5588 San Pablo Ave., Oakland. $5250

DWELLING
(4280) 879 FORTIETH ST., Oakland. 1-story 4-room dwelling.
Owner—E. H. Harrison, 919 53rd St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St. Oakland. $2500

DWELLING
(4281) 3505 THIRTY-FIFTH AVENUE Oakland 1-story 4-room dwelling.
Owner—F. Finchel, 4723 Telegraph Ave. Oakland.
Architect—None.
Contractor—F. A. Andrews, 4723 Telegraph Ave., Oakland. $3000

DWELLING
(4282) 801 MANDANA BLVD., Oakland. 1-story 6-room dwelling.
Owner—Ralph Ellis, 939 Apgar St, Oakland.
Architect—None.
Contractor—J. A. Lloyd, 617 36th St., Oakland. $5000

ADDITION
(4283) 1332 NINETY-FOURTH AVE., Oakland. Addition.
Owner—J. Fernandez, premises.
Architect—None. $1000

DWELLING
(4284) 1107 EL CENTRO, Oakland. 1-story 6-room dwelling.
Owner — H. L. Houck, 4609 Dolores, Oakland.
Architect—None. $6000

DWELLING
(4205) 889 LAKESHORE AVE., Oakland. 1-story 6-room dwelling.
Owner — K. E. Mullen, 4603 Shattuck, Oakland.
Architect—None.
Contractor—A. Meyer, 3139 Ellis St., Berkeley. $5000

DWELLING
(4286) 6020 CAMDEN ST., Oakland. 1-story 5-room dwelling.
Owner—D. W. Sargent, premises.
Architect—None.
Contractor—Geo. Engs, 301 Commercial Bldg., Oakland. $4000

DWELLING
(4287) 1212 LINDEN ST., Oakland. 1-story 8-room dwelling.
Owner—M. Paoli.
Architect—None.
Contractor—H. E. Johnson, San Leandro. $5500

DWELLING
(4288) 3059 CURRAN AVE., Oakland. 1-story 5-room dwelling.
Owner—C. Johnson, premises.
Architect—None. $2000

DWELLING
(4289) 1574 SEVENTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner — Miss Belle Martindale, 3044 Capp St., Oakland.
Architect—None.
Contractor—M. Stewart, 3044 Capp St., Oakland. $2300

ALT. & ADDITION
(4290) 1926 NINTH AVE., Oakland. Alteration and addition.
Owner—Wm. S. Taylor, premises.
Architect—None. $1200

DWELLING
(4291) 922 ALMA AVE., Oakland. 2-story 6-room dwelling.
Owner—Blanche F Gerrish 3033 Wheeler St., Oakland.
Architect—None.
Contractor—W. M. Holton, Syndicate Bldg., Oakland. $6000

DWELLING
(4292) 1521 FORTY-FIRST AVE, Oakland. 1-story 6-room dwelling.
Owner—F. Pinelli, 4114 E-14th St., Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland. $5100

DWELLING
(4293) 3808 FOURTEENTH AVENUE Oakland. 1-story 5-room dwelling.
Owner—L. C. Fish, 245 Park Blvd, Oakland.
Architect—None. $4500

DWELLING
(4294) 1617 NINETY-EIGHTH AVE., Oakland. 1-story 6-room dwelling.
Owner—M. V. Rogers.
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland. $4000

DWELLING
(4295) 1107 WELLINGTON, Oakland. 1-story 5-room dwelling.
Owner—L. W. Roth, 4329 Leach Ave., Oakland.
Architect—None. $5000

DWELLING
(4296) 778 ALCATRAZ AVE., Oakland 1-story 5-room dwelling.
Owner—G. Leore, 1606 Tyler St., Oakland.
Architect—None. $3500

DWELLING
(4297) SW COR FORTY-FIRST AVE. and E-16th St, 35x100 Oakland. All work for 1-story 6-room dwelling.
Owner—F. Pinelli.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland.
Filed Sept. 17, 1923. Dated Sept. 15, 1923
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $6100
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(4298) 1109 LAUREL, Berkeley. 2-sto. 8-room dwelling.
Owner—H. C Bryant.
Architect—None.
Contractor—C. B. Crane & Son, 2695 Cedar St., Berkeley. $7000

DWELLING
(4299) 2578 HASTE, Berkeley. 1-story 5-room dwelling.
Owner—H. E. Squire.
Architect—None.
Contractor—Mason McDuffie, Shattuck & Addison, Berkeley. $4000

DWELLING
(4300) 1324 ORDWAY, Berkeley. 1-sto. 3-room dwelling.
Owner—Wm. H. Nelson, 1320 Ardway, Berkeley.
Architect—None. $2000

DWELLING
(4301) 2820 WALLACE, Berkeley. 1-story 5-room dwelling.
Owner—J. Knowlton, 330 Kearny St., El Cerrito.
Architect—None. $3000

DWELLING
(4302) 2015 DEL NORTE, Berkeley. 1-story 5-room dwelling.
Owner—Christina Swink, 1011 Sutter St Berkeley.
Architect—None.
Contractor—Jacob House, 1640 Allston Way, Berkeley. $4500

DWELLING
(4303) 1408 CHANNING, Berkeley. 1-story 4room dwelling.
Owner—Lula M. Campbell, 381 26th St. Oakland.
Architect—None.
Contractor—A. L. Campbell, 381 26th St., Oakland. $2800

RESIDENCE
(4304) 10 CRAIG AVE, Piedmont. 2-story 7-room residence and garage
Owner—Jas. Warrack, Peralta Apts. Oakland.
Architect—None.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. $9250

RESIDENCE
(4305) 1125 WINSOR AVE., Piedmont 1-story 6-room residence and garage.
Owner—H. E. Clark, 59 10th St., Oakland.
Architect—None. $6000

RESIDENCE
(4306) 24 FAIRVIEW AVE, Piedmont 1-story 6-room residence and garage.
Owner—W. G. & M. H. Brown, Oakland.
Architect—None.
Contractor—J. Silva, 1377 Hopkins St., Oakland. $5250

RESIDENCE
(4307) 52 WILDWOOD AVE., Piedmont. 2-story 7-room residence & garage.
Owner—W. M. Dietz, 3005 19th St., Oakland.
Architect—None.
Contractor—M. P. Rose, 940 Oxford St. Berkeley. $7000

(4308) 27 GLEN ALPINE ROAD, Piedmont. (Work not stated on permit
Owner—Chris Jorgensen, 444 Mountain Ave., Piedmont.
Architect—None. $5200

RESIDENCE
(4309) 112 SUNNYSIDE AVE., Piedmont. 2-story 6-room residence and garage.
Owner—O. V. Nissen, 120 Sunnyside Ave., Piedmont.
Architect—None.
Contractor—C. W. Reed, 2534 Pleasant Valley Ct., Piedmont. $600

RESIDENCE
(4310) 1649 GRAND AVE., Piedmont 1-story 5-room residence and garage.
Owner—E. M. Welch.
Architect—None.
Contractor—E. F. Henderson. $510

RESIDENCE
(4311) 128 CAPERTON AVE., Piedmont. 2-story 7-room residence and garage.
Owner—Dr. L. R. Pinch, Oakland.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont, Piedmont. $650

DWELLINGS
(4312) W DAVIDOW 86 123 193 23
271 N 69th Ave.;
E DAVIDOW 732 772 812 852 892
E-14th St.;
N W COR. DAVIDOW & SIXTY ninth Avenues;
NE COR. DAVIDOW & ARRAL ST
Oakland. 13 1-story 5-room dwlgs
Owner—L. V. Davidow, Henshaw Bldg Oakland.
Architect—None. $3000 e

TORE
(313) SW COR. TWENTIETH AND Grove Sts., Oakland. 1-story brick store.
wner—B. C. Allyn, 316 Lenox Ave., Oakland.
chitect—None.
ontractor—Chas. Stockholm & Sons, 548 Monadnock Bldg., S. F. $13,000

PARTMENTS
(314) E LAKESHORE AVE 190 S 1st Ave., Oakland. 3-story 24-room apts. and garage.
wner—Mrs. C. J. Schimmel, 388 12th St., Oakland.
chitect—None.
ontractor—Harry Knight, 388 12th St. Oakland. $27,800

PARTMENTS
(315) 3046 SEMINARY, Oakland. 2-story 16-room apartments.
wner—C. A. Kingsley, Pleasanton.
chitect—None. $12,000

WELLING
(316) E TEMPLE PL. 250 S Edith, Oakland. 1-story 5-room dwelling.
wner—Paul E. Sloane, P. G. & E. Co.
chitect—None.
ontractor — W. B. & H. A. Stanton, 2412 Channing Way, Berkeley. $3600

WELLING
(317) 3043 SUMMIT ST., Oakland. 1-story 5-room dwelling.
wner—W. W. Whilton.
chitect—None.
ontractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $5600

WELLING
(318) S OUTLOOK BETW. SIXTY-second and 64th Aves., Oakland. 1-story 4-room dwelling.
wner—A. M. Wright, 18 Wyman Rd., Oakland.
chitect—None. $3200

WELLING
(319) 827 FORTY-SIXTH ST., Oakland. 1-story 4-room dwelling.
wner—Carl Van Valkenberg 2016 Linden St., Oakland.
chitect—None. $1800

WELLING
(320) 2469 SIXTIETH AVE., Oakland. 1-story 5-room dwelling.
wner—M. J. Noonan, 2481 60th Ave., Oakland.
chitect—None.
ontractor—P. J. Noonan, 2481 60th Av. Oakland. $3500

WELLING
(321) 2309 THIRTY-NINTH AVE., Oakland. 1-story 5-room dwelling.
wner—J. W. Sigwald, 3927 Agua Vista Ave., Oakland.
chitect—None. $3000

WELLING
(322) N SIXTY-SIXTH ST. 80 W Mabel., Oakland. One-story 5-room dwelling.
wner—F. M. Park, 6451 San Pablo, Oakland.
chitect—None.
ontractor—Jensen & Peterson, 3443 Adeline, Oakland. $4000

FFICE BLDG.
(323) NE COR. FOURTEENTH AND Franklin Sts. 150 x 59-7. Oakland. 7-story class A office bldg.
wner—Actico Building Co., 426 13th St., Oakland.
chitect — Chas. W. McCall & C. T. Davis, Central Bank Bldg., Oakland.
ontractor—W. S. Dinwiddie (Dinwiddie Constr. Co.) Crocker Bldg. S. F.
ld Sept. 18, 1923. Dated June —.
ach month 85%
sual 35 days 15%
TOTAL COST, not over $387,500
ond, Sureties, none; Forfeit, $100 day; Limit, 160 days; Plans and specifications filed.

WELLING
(324) LOTS 12 & 13 MAP OAK VALE Claremont, Berkeley. 2-story dwlg and garage.
wner—Dean F. H. Probert 2711 Stuart St., Berkeley.
chitect—Reed & Corlett, Oakland Bk. of Savings Bldg., Oakland.
ontractor—A. Cederborg, 1445 Excelsior Blvd., Oakland.
ld Sept. 18, 1923. Dated Sept. 15, 1923
th day each month.....75%
sual 35 days 25%
TOTAL COST, $15,535

Bond, Sureties, Forfeit, none; Limit, Jan. 15, 1924; Plans and specifications filed.

DWELLINGS
(1325) S QUIGLEY 50 & 100 W 38th Ave., Oakland. 2 1-story 6-room dwellings.
Owner—Le Paul Dungan, 536 42nd St., Oakland.
Architect—None.
Contractor—Anthony Flores, 1315 84th Ave., Oakland. $3800 each

ALTERATIONS
(4326) 1944 MILVIA ST., Berkeley. Alterations.
Owner—Annie G. Newell, premises.
Architect—None.
Contractor—Anderson & Anderson, 916 Carmel Ave., Berkeley. $4000

ALTERATIONS
(4327) 2115 KITTREDGE ST., Berkeley. Alterations.
Owner—West Coast Theatres Inc.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $4500

DWELLING
(4328) 1621 SACRAMENTO, Berkeley. 1-story 5-room dwelling.
Owner—John Wishart, 1074 62nd St., Oakland.
Architect—None. $3200

STORES
(4329) 2205-7-9 FULTON, Berkeley. 1-story concrete store.
Owner—C. J. & Mary S. Perry.
Architect—None.
Contractor—F P Butterfield 2488 Shattuck Ave., Berkeley. $7500

DWELLING
(4330) 1321 McGEE, Berkeley. 1-story 6-room dwelling.
Owner—Herman & Rose Adler, 2400 Jefferson, Berkeley.
Architect—None.
Contractor—G. R. Hale, 1882 Harrison St., Berkeley. $3000

DWELLINGS
(4331) 330-334 TAYLOR, Alameda. 2 1-story 5-room dwellings.
Owner—Hally & Co., 2315 Santa Clara, Alameda.
Contractor—James Ventre, 1861 Elm St. Alameda. $3500 ea.

DWELLING
(4332) 1914 HIGH ST., Alameda. 2-story 6-room dwelling.
Owner—C. W. Brounscomb, 2056 Encinal Ave., Alameda.
Architect—None. $5625

STORES
(4333) 2242-4-6 BANCROFT WAY, Berkeley. 1-story concrete stores.
Owner—F. E. Romie, 418 Newton Ave., Oakland.
Architect—Hutchinson & Mills. 1214 Webster St., Oakland.
Contractor — Leslie R. Wilson, 2216 Blake St., Berkeley. $9000

ALTERATIONS
(4334) 518 THIRTY-EIGHTH ST Oakland. Alterations.
Owner—G. E. Reynolds, premises.
Architect—None.
Contractor—Nick Wierk, 404 45th St., Oakland. $3800

DWELLINGS
(4335) 1814 & 1820 ONE HUNDRED First Ave., Oakland. 2 1-story 4-room dwellings.

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Owner—Paul Stalder, 3619 E-10th St., Oakland.
Architect—None.
Contractor—Theo Bruck, 1236 40th Ave Oakland. $3000 each

DWELLING
(4336) W FRUITVALE AVE. 100 S School St., Oakland. 1-story 5-room dwelling.
Owner—J. Drost, 3006 Trumbull Ave., Oakland.
Architect—None. $3000

DWELLING
(4337) 1437 CAVANAUGH RD., Oakland. 1-story 6-room dwelling.
Owner—J. S. Flagg, 2100 Mitchell St., Oakland.
Architect—None.
Contractor—T. F. Brennan, 1059 Warfield Ave., Oakland. $5192

DWELLING
(4338) 2028 E-FIFTEENTH ST. rear, Oakland. 1-story 3-room dwelling.
Owner—C. A. Doss, premises.
Architect—None. $2000

ADDITION
(4339) SE COR. SAN PABLO AVE. & 25th St, Oakland. All work for 1-story and mezzanine brick or tile addition to garage.
Owner—I. Robinowitz, Oakland.
Architect—C. N. Burrell, American Bk. Bldg., Oakland.
Contractor—A. Ortzow, Oakland.
Filed Sept. 19, 1923. Dated Sept. 18, 1923
Walls scaffold height .....¼
Roof .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $4200
Bond, Sureties, Forfeit, none; Limit, 55 days; Plans and specifications filed.

BUILDING
(4340) SIXTY-SECOND AND GREEN Sts., Emeryville. Roofing for 2-story concrete building.
Owner—Standard Underground Cable Co., 1st Natl. Bank Bldg., S. F.
Architect—Barnard H. Prack, Keystone Bldg., Pittsburg, Penn.
Contractor — Malott & Peterson, 2412 Harrison St., S. F.
Filed Sept. 18, 1923, Dated July 26, 1923
10th each month 75%
Usual 35 days 25%
TOTAL COST, $2416
Bond, Sureties, Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

STRUC. STEEL
(4341) STRUC. STEEL ON ABOVE.
Contractor—S S Herrick (Herrick Iron Works), 8th and Campbell Sts., Oakland.
Filed Sept. 18, 1923. Dated July 27, 1923
10th each month 85%
Usual 35 days 15%
TOTAL COST, $7000
Bond, $7000; Sureties, Hartford Accident and Indemnity Co., Forfeit, $25 day; Limit, 72 days from Aug. 1; Plans and specifications filed.

(4342) STRUC. STEEL ON ABOVE.
Contractor—S S Herrick (Herrick Iron Works) 8th and Campbell Sts., Oakland.
Filed Sept. 18, 1923. Dated July 27, 1923
10th each month 85%
Usual 35 days 15%
TOTAL COST, $43,144
Bond, $43,144; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, 60 days from Aug. 1; Plans and specifications filed.

(4343) PLUMBING ON ABOVE.
Contractor—Scott Co., 381 11th St Oakland.
Filed Sept. 18, 1923. Dated July 26, 1923
10th each month 75%
Usual 35 days 25%
TOTAL COST, $7790
Bonds, Sureties, Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

(4344) GENERAL WORK ON ABOVE.
Contractor—W. S. Dinwiddie (Dinwiddie Construction Co., Crocker Bldg. San Francisco.
Filed Sept. 18, 1923. Dated July 27, 1923
10th each month 85%
Usual 35 days 15%
TOTAL COST, $120,850
Bond, $120,850; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, 40 days; Plans and specifications filed.

(4345) PAINTING ON ABOVE.
Contractor—Raphael Zelinsky, 693 Mission St., San Francisco.
Filed Sept. 18, 1923. Dated July 26, 1923
10th each month 75%
Usual 35 days 25%
TOTAL COST, $6611
Bond, $6611; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

(4346) AUTOMATIC SPRINKLER ON above.
Contractor—Turner Co., 272 Natoma St. San Francisco.
Filed Sept. 18, 1923. Dated Sept. 8, 1923.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $8900
Bonds, Sureties, Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Sept. 13, 1923—E 55 LOT 9 BLK 6 Buena Peralta Park, Berkeley. Evan D Bramlage to whom it may concern.....Sept. 8, 1923
Sept. 13, 1923—W 65 LOT 9 BLK 6, Buena Peralta Park, Berkeley. Evan D Bramlage to whom it may concern.....Sept. 8, 1923
Sept. 13, 1923—S THIRTEENTH 60 W Franklin W 40xS 100, Oakland, Tribune Building Co to Wm J Baccus.....Sept. 11, 1923
Sept. 13, 1923—NE HAVENSCOURT Blvd and Arthur St., Oakland. E W and Dora Graub to Martin Allen .....Sept 9, 1923
Sept. 13, 1923—LOT 12 Thompson Tract, Alameda. Charles and Marjorie Levinson to Samuel Lee.....Sep. 5, 1923
Sept. 13, 1923—NO. 2019-21 FIFTH Ave, Oakland. Anna H Traver to W N Glaser.....—
Sept. 13, 1923—LOT 7 BLK 6 San Louis Court, Berkeley. Mrs. Star Wolford to E F Henderson.....Sept. 2, 1923
Sept. 13, 1923—LOT 8 BLK 5 Hollywood Subdivision, San Leandro. F P Brust to Oakland Home Builders Co.....Sept 7, 1923
Sept. 13, 1923—LOT 182 Map Cherryland, Eden Tp. C E Lack to whom it may concern.....Sept. 12, 1923
Sept. 14, 1923—PTN PLOTS 10, 12, 14 and 16 Map Rancho Arroyo de la Alameda. Masonic Homes of California to Mangrum & Otter.....Sept. 12, 1923
Sept. 14, 1923—NO. 2903 FLORIDA Oakland. A E Clark to Alder & Clark.....Sept. 12, 1923
Sept. 14, 1923—LOTS 24 AND 25 BLK "J" Reshdvn Hollywood, Oakland. G R Blasingame to whom it may concern.....Sept. 13, 1923
Sept. 14, 1923—LOTS 21 TO 35 inclu. Lot 37 Blk "J" Lots 33, 20, 22, 27, 29, 20 Blk "K"; Lots 33, 32, 31, 25, Blk "O" Maxwell Park, Oakland. Jack F Hogan to whom it may concern .....—
Sept. 14, 1923—LOT 20 BLK 23 Map Melrose Heights, Oakland. Gracie B York to whom it may concern.....Sept. 12, 1923
Sept. 14, 1923—NO. 310 HIGHLAND Ave., Oakland. J C Patrick to Blucher Bros.....Sept. 13, 1923
Sept. 14, 1923—LOT 7 BLK 5 THOUsand Oaks Station Tract, Berkeley. W L Broderick to Roy O Long Co .....Sept. 13, 1923
Sept. 14, 1923—LOT 3 BLK 17 NORTH Cragmont, Berkeley. Andrew F & Anna McAravey to Oscar J. Runnels .....Sept. 7, 1923
Sept. 14, 1923—NE COR. TWENTYsixth & West Sts N 72 E 90, Oakland. David Barry to Fred J. Westlund .....Sept. 15, 1923
Sept. 14, 1923—LOTS 13 & 14 BLK K Central Piedmont Tract, Piedmont. Mary A Hooper to F C Stolte.....Sept. 11, 1923
Sept 14, '23—STONEHURST BRANCH Oakland. S. P. Co. to Hutchinson Co .....Sept. 7, 1923
Sept. 15, 1923—NW COR EIGHTYfirst Ave & Ney Ave., Oakland. Robert L Frier to Samuel V Le Fevre .....Aug. 21, 1923
Sept. 15, 1923—309 MOUNTAIN AVE Piedmont. E D Mendenhall to Niles W Place & H W Barnes.Sept. 11, 1923
Sept. 15, 1923—N THIRTEENTH ST 101 W Clay St W 49 N 100, Oak- Frank D. Moller.....Sept. 11, 1923
Sept. 15, 1923—SE AYALA ST 155 NE Martin St., Oakland. L. Sanglacomo and F Guido to G Sanglacomo.....Sept. 1, 1923
Sept. 15, 1923—S SIXTY-SECOND ST 135.86 E Hillegass Ave E 32 S 180 Mattie M Rowe to F Gruenwald.....Sept. 14, 1923
Sept. 17, 1923—LOT 36 BLK "E" Map Claremont Tract, Berkeley. Sara M Gillespie to M Gillespie.....Sept. 15, 1923
Sept. 17, 1923—W VENTURA AVE 130 S Sonoma Ave, Albany. E Church to H Ahnefeld. .Sept. 15, '23
Sept 17, 1923—E JEFFERSON AVE 314.31 N Bancroft Way N 35.69xE 130, Berkeley. Campau-Hall Bldg Corp to whom it may concern.....—
Sept. 17, 1923—E JEFFERSON AVE 278.61 N Bancroft Way N 35.70xE 130, Berkeley. Campau-Hall Bldg Corp to whom it may concern.....Sept. 14, 1923
Sept. 15, 1922—LOT 66 Map Jeanette Von Ah Tract, Oakland. John S Jurus to W B Malick.....—
Sept. 17, 1923—LOT 3 BLK "F" Map Kenwood Park, Oakland. Edna V Nichols to whom it may concern.....Sept. 16, 1923
Sept 18, 1923—LOT 28 BLK 1, Northbrae, Berkeley. John O Weston to whom it may concern..Sept. 14, '23
Sept. 18, 1923—LOT 17 BLK 25 Map Lands adjacent to Town of Encinal, —. William W Sears to John L Lindquist.....Sept. 12, 1923
Sept. 18, 1923—LOT 49 and Ptn Lots 50, 51, 52 and 53 Blk "D" Map Alton Park, Oakland. J S Evans to whom it may concern.Sept. 15, '23
Sept. 18, 1923—NO. 554-55-57-59 41st St., Oakland. C S Lamb to J W Swift.....Sept. 17, 1923
Sept. 18, 1923—NW DIVISION AND Wellington, Oakland. P B Weaver to whom it may concern.....Sept. 15, 1923
Sept. 18, 1923—GLASCOCK ST. near Twenty-ninth St., Oakland. S. P. Co. to Hutchinson Co...Sept. 12, 1923
Sept. 18, 1923—NO. 3292 HYDE ST., Oawland. Otto Rinkert to whom it may concern.....Sept. 17, 1923
Sept. 18, 1923—LOT 114 BLK 30, Resbdvn Peralta Park, Berkeley. Kate E Sandford to Leo J Dolan .....Sept. 13, 1923
Sept. 18, 1923—NW HOPKINS 50.81 NE Colusa Ave NE 45 NW 146.52 SW 41.07 SW 5.07 SE 141.21, Berkeley. Thomas J Keane to G B Peppin.....Sept. 17, 1923
Sept 19, 1923—LOT 7 BLK 8, Map Shaw Tract Blks 4, 6, 7, 8 and 9, Berkeley. M P Graves to whom it may concern.....Sept. 11, 1923
Sept. 18, 1923—LOT 10 BLOCK 53 E High St. bet San Jose and Adams St., Alameda. John B Slater to to Julia J Grodem .....Sept. 15, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amoun.
Sept 13, 1923—(1) PTN LOTS 13 and 14; (2) Ptn Lots 17 and 16 Blk 6; (3) Ptn Lot 16 Blk 6, Map Allendale Tract; (4) Lot 19 and ptn Lot 20 Map Allendale Park, Oakland. Leon Pritchett vs E C and C Kramer $600
Sept. 13, 1923—NO. 1183 TWELFTH St., Oakland. Edward Hart vs Mrs B Johnson and Edward Hart....$103
Sept. 14, 1923—E CHABOT ROAD 157.88 S College Ave E 130xS 40, Oakland F C Meyer vs T M Small, H R and Ella L Smith..$50.80
Sept. 15, 1923—LOT 8 BLK 17 NORTH Cragmont Park, Berkeley. H. C. Kidder vs Louis & Minnie A Shafsky $340.13
Sept. 15, 1923—NW FOURTEENTH Ave 60 NE E-18th St NE 50 NW 84, Oakland. Geo D Prentice vs A Rouselli & Mary Angello $252
Sept. 15, 1923—LOT 7 BLK D MAP J E McElrath Tract, Oakland. J E Lanches vs Elizabeth J Barbee.$34.60
Sept. 17, 1923—NO. 2902 FIFTH ST., Berkeley. Judson Mfg Co vs Paulson and Marini, Vegetable Oil Co. $5
Sept. 18, 1923—(1) PTN LOTS 13 & 14 Map Allendale Tract; (2) Ptn Lots 17 and 16 Blk 6, Map Allendale Tract; (3) Ptn Lot 16 Blk 6, Allendale Tract; (4) Ptn Lots 19 and 20, Allendale Park, Oakland. W Falkenstein and Harvey F Hall vs Kramer Brothers, E C and C W Kramer $20
Sept. 19, 1923—LOT 18 BLK 12 Map High Street Terrace, Oakland. Sunset Lumber Co vs R L Gunter and Owen Sweeney $60
Sept. 19, 1923—SE 122.73 ACRE TCT recorded Liber L. Deeds Page 466 NE 445.88 from Foothill Blvd NW 247.07 to pt beg thence on arc to left 123.98 NW 105.35 SW 101.73, Oakland. A Prewett vs R L Frier and Samuel V Le Fevre.....$
Sept. 19, 1923—LOT 18 BLK 9 Map Lakemont, Oakland. Bird-Rymer Co vs Harry B Williams, Henry and Josephine Wright and Rebecca I Harst $2

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amou
Sept. 15, 1923—LOT 6 BLK 10 Amended Map Putnam Tract, Oakland. Smith Hardware Co, $122.88 Hogan Lumber & Mill Co, $904.9 to Wm Larsen.....
Sept. 17, 1923—NE E-FOURTEENTH St and Dutton Ave E 40xN 60, San Leandro. W P Fuller & Co to C Marini $634

Notice of Non Responsibility

ALAMEDA COUNTY

Sept. 14, 1923—NW COR THIRTYsecond St & Telegraph Ave W 100 N 50, Oakland. Rowena Heald as to improvements on property.....

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

SCHOOL
PARLIER UNION HIGH SCHO District, Fresno. Plastering, la ing and modeling of interior auditorium of school.
Owner—Parlier Union High Sch District.
Architect—None.
Contractor—Chas. Thollander, Post fice Bldg., Kingsburg.
Filed Aug. 20, '23. Dated July 14, On 1st and 15 of each month.. 7
TOTAL COST, $3
Bond, limit, forfeit, plans and spec cations, none.

SUNDAY school building, $17,500; 3352 Balch Ave., Fresno; owr Grace M. E. Church.
DWELLING, $5000; No. 710 Vassar Fresno; owner, P. A. Wolff, 1 Roosevelt St., Fresno; contrac P. A Wolff Bldg. Co.
HOTEL, $39,490; No. 1325-47 Tulare Fresno; owner, How Ah Quai; c tractor, Fisher & McNulty, Ma Bldg., Fresno.
DWELLING, $6000; No. 635 Cambri Ave., Fresno; owner, M. W. Fav Premises; contractor, Chas. N. Knight, 806 Voorman St., Fres
DWELLING, $6000; No. 907 Roose Ave., Fresno; owner, F. J. Wa man, 3335 Madison St., Fres contractor, S. T. Stout.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accep
Sept. 11, 1923—LOT 30 E 5 Lot 29 B 101, Fairmont Addition. Charl Romano to whom it may concer .....Aug. 1,
Sept. 11, 1923—LOT 4 BLK 17, Haze wood. G Terzian to whom it ma concern.....Sept. 10,
Sept. 12, 1923—LOT 20 BLK 3, Fres Heights, Fresno. Edw M Hartma to whom it may concern.Sept. 11

Sept. 12, 1923—LOTS 48, & 49, Zapps Park, Fresno. Edw M Hartman to E Woolley.....Sept. 11, 1923

Sept. 12, 1923—LOTS 13 AND 14 BLK 1, Allen-Binford Tract, Fresno. W J Richmond to whom it may concern.....Sept. 10, 1923

Sept. 12, 1923—LOTS 27 AND 28 BLK 1, Roeding Addition, Fresno. L S Thorb to whom it may concern.....Sept. 8, 1923

Sept. 13, 1923—LOTS 11 AND 12 BLK 1, Belridge Park, Fresno. F Willis to Watson & Lambert.Sept. 10, 1923

Sept. 13, 1923—LOTS 27 & 28, West Brae. J A Scvhlotthauer to whom it may concern.....Sept. 12, 1923

Sept. 14, 1923—LOTS 39 AND 40 BLK 1, High Add No. 4, Fresno. Baziuk Basilius to whom it may concern.....Sept. 5, 1923

Sept. 14, 1923—PARLIER UNION High School Dist, Fresno. Parlier Union High School District to Chas Thollander.....Sept. 13, 1923

Sept. 14, 1923—LOTS 7 AND 8 BLK 3 Arlington Heights Add'n, Fresno. J and Neva B Elliott to whom it may concern.....Sept. 12, 1923

Recorded Accepted

Sept 15, 1923—E ½ LOT 41 BLK 4, Pinedale Tract, Fresno. J W Hunt to whom it may concern.....Sept. 17, 1923

Sept. 15, 1923—LOTS 17 AND 18, West Brae, Fresno. J A Schlottauer to whom it may concern.....Sept. 14, 1923

Sept. 17, 1923—LOT 10 GARDEN Villa, Fresno. Henry B. Snow to whom it may concern...Sept. 1, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

Sept 8, 1923—LOT 1 BLK 19, Hazelwood Addition, Fresno. Fisher-Blasford Hardware Co. $188; California Pottery Co. $109 vs H Avakian and H B Zeronian.....

Sept. 8, 1923—E 50 OF W 100 LOT 3 Blk 1, Hazelwood Addition, Fresno. O D Halstead Lmbr Co vs Manoog Manoogian.....$854

Sept. 11, 1923—LOTS 34 AND 35 BLK 1, Sierra Vista Add, Fresno. Routt Lumber Co vs Ivan S Wells....$1332

Sept. 11, 1923—S ¼ OF SE ¼ OF NW ¼, N ½ of NE ¼ of SW ¼ of Sec 32, 15-20, Fresno. H C Kofoid Lumber Co. $294; A Clevenger, $91 vs C Wilt.....

Sept. 12, 1923—LOT 1 BLK 19, Hazelwood Add'n., Fresno. Swastika Lumber Co, $442; Hollenbeck-Bush Planing Mill Co, $201; Valley Electrical Supply Co., $75 vs H B Zeronian and Hagop Avakian.....

Sept. 12, 1923—E 50 OF W 100 LOT 3, Blk 1, Hazelwood, Bingham-Wenks Planing Mill vs Manoog Manoogian and K Kalghoian.....$392

Sept. 13, 1923—LOT 7 N ½ LOT 8 BLK 1, Torrance Terrace, Fresno. Routte Lumber Co vs Geo W Ryman.....$839

Sept. 13, 1923—LOT 9 S ½ Lot 8 Blk 1, Torrance Terrace, Fresno. Routt Lumber Co vs Geo W Ryman...$839

Sept. 13, 1923—LOTS 1, 2, 3 BLK 4, Lincoln Terrace, Fresno. Routt Lumber Co vs Clyde M Morton..$209

Sept. 13, 1923—LOT 1 BLK 19, Hazelwood. Prescott Brick & Lumber Co vs H Avakian $114

Sept. 13, 1923—LOT 1 BLK 19, Hazelwood. Stewart & Nuss vs Hagop Avakian and H B Zeronian.....$21

Sept. 15, 1923—LOTS 7, 8 AND 9 BLK 1, Torrance Terrace, Fresno. T O Paint Co vs Geo W Ryman and G H Swinson $40

Sept. 15, 1923—LOTS 34 AND 35 BLK 3, Torrance Terrace, Fresno. T O Paint Co vs N E Deardorff.....$194

Sept. 15, 1923—LOTS 9, 10 AND 11 Blk 5, College Park, Fresno. T O Paint Co vs Adolph Jauss.....$46

Sept. 15, 1923—LOT 1 BLK 19, Hazelwood Add'n., Fresno. Wright Elec Shop vs Hagop Avakian and H B Zeronian $94

Sept. 15, 1923—LOT 3, Backer Hts., Fresno. Routt Lumber Co vs Mrs. C L Davis.....$89

Sept. 18, 1923—LOT 1 BLK 19, Hazelwood Freson Builders Supply Co vs Hagop Avakian $60

BUILDING CONTRACTS

SACHAMENTO COUNTY

$2,500 and Over Reported

HOTEL
TWELFETH AND K STS., Sacramento. Electrical work for ten-story Class A store and hotel building.
Owner—Hotel Senator Corp.
Architect—None.
Contractor—Latourette-Fical Co., 907 Front St., Sacramento.
Filed Sept. 13, '23. Dated Sept. 7, '23.
TOTAL COST, $45,600
Bond, limit, forfeit, plans and specifications, filed.

HEATING ON ABOVE.
Contractor—Latourrette-Fical Co., 907 Front St., Sacramento.
Filed Sept. 13, '23 Dated Sept. 5, '23.
TOTAL COST, $64,900
Bond, limit, forfeit, plans and specifications, none.

PLUMBING ON ABOVE.
Architect—MacDonald & Couchot, 234 Pine St., San Francisco.
Contractor—Luppen & Hawley, 906 7th St., Sacramento.
Filed Sept. 11, '23. Dated Sept. 6, '23.
TOTAL COST, $7300
Bond, limit, forfeit, plans and specifications, none.

DWELLING, 1-story 5-room, $4500; 922 47th Lot 38 Eastmont, Sacramento; owner, J. I. Prugh, 3026 K, Sacramento; contractor, J. P. Howell, 1837 47th, Sacramento.
DWELLING and garage, 1-story 5-rm., $4500; 2904 V, Sacramento; owner, Wm. Faust, 1201 X, Sacramento; contractor, John T. Hunt, 3781 6th Ave., Sacramento.
DWELLING, 1-story 5-room, and garage, $4000; 3017 H, Sacramento; owner, Chas. McMorry, 929½ K, Sacramento; contractor, H. Goldman, Clark Hotel, Sacramento.
DWELLING, 1-story 5-room, and garage, $4950; 3522 H Lot 26 Klotz Tct 1, Sacramento; owner, Wm. Cook, 1221 F, Sacramento; contractor, L. F. Gould, 1623 O, Sacramento.
STORE BLDG. (4 stores, 1-story), $18,000; 1016 10th N 60 Lot 5 J K 9 10, Sacramento; owner, Silvius & Trueblood, 423 J, Sacramento; contractor, Chas. Peterson, Motor B Box 221, Sacramento.
DWELLING, 1-story 4-room and garage, $2750; 2041 55th, Sacramento; owner, R. W. Dobson, 2109 55th, Sacramento.
DWELLING, 2-story 7-room and garage, $6500; 2751 P, Sacramento; owner, D. S. Watkins, 1720 18th, Sacramento; contractor, N. H. Bateman, 1617½ 18th, Sacramento.
REMODEL BLDG., $10,000; owner, L St. Boxing Auditorium, 223 L, Sacramento; contractor, J. F. Gormley, 1152 Santa Barbara Court, Sacto.
DWELLING, 1-story 5-room, and garage, $3600; 2570 26th, Sacramento; owner, A. C. Coleman, 2624 35th, Sacramento; contractor, Coleman & Holmes.
DWELLING, 2-story 8-room, and garage, $7950; 1604 44th, Sacramento; owner, Newton E. Wise, 1605 28th, Sacramento; contractor, L. F. Gould 1623 O, Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

STORE BLDG., 1-story, $5500; 1605 K, Sacramento; owner, B. S. Berry, S. F.; contractor, H. Berry, 817 27th, Sacramento.
DWELLING, 1-story 6-room, and garage, $5670; Lot 21 Hellbron Oaks, Sacramento; owner, A. L. Johnson, 2605 Portola Way, Sacramento.
DWELLING, 1-story 5-room and garage, $3900; 2301 11th St., Sacramento; owner, Ray Powers; contractor, P. R. Opdyke, 1009 7th Ave., Sacramento.
DWELLING, 1-story 5-room and garage, $3900; 840 7th Ave., Sacramento; owner, Jas. A. Borrea, Forum Bldg., Sacramento; contractor, P. R. Opdyke, 1009 7th Ave., Sacramento.
DWELLING, 1-story 4-room brick, $32,925; 2950 Riverside Blvd. on Lovdal Acreage, Sacramento; owner, Sac. City School Dist.; contractor, F. H. Betz, 432 Ochsner Bldg., Sacramento.
DWELLING, 1-story 5-room and garage, $4500; 2725 E, Sacramento; owner, H. G. Serrels, 519 10th St., Sacramento; contractor, J. W. Lattern, 4223 San Benito Way, Sacramento.

COMPLETION NOTICES

SACHAMENTO COUNTY

Recorded Accepted

Sept. 8, 1923—SECOND AND L STS, Sacramento. Associated Oil Co to whom it may concern...Sept. 1, 1923

Sept. 11, 1923—S ½ LOT 1637 and N 35 Lot 1638 Tract 24, ——. Mrs. Sam Thorpe to whom it may concern.....Sept. 1, 1923

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

NE CORNER AMERICAN & LINDSAY streets, Stockton. Plumbing for church.
Owner—Trinity Lutheran Church.
Architect—None.
Contractor—Stockton Plumbing Supply Co., Inc., 327 E-Miner Ave., Stockton.
Filed Sept. —. Dated Aug. 30, 1923.
Payments not stated.
TOTAL COST, $789.08
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

ELECTRICAL WORK ON ABOVE.
Contractor—Hild Elec. & Mfg. Co., 517 E Market St., Stockton.
Filed Sept —. Dated Aug. 30, 1923.
Payments not stated.
TOTAL COST, $1385
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

SCHOOL
SAN JOAQUIN ST., bet. Vine & North Sts., Stockton. Complete interior finishing of high school.
Owner—Board of Education of Stockton High School District.
Architect—None.
Contractor—J. F. Shepherd, Yosemite Bldg., Stockton.
Filed Sept. 15, '23. Dated Sept. 8, '23.
TOTAL COST, $37,997
Bond, none Limit, 125 working days. Forfeit, plans and specifications, none.

RESIDENCE, $4000; 447 South Grant, Stockton; owner, R. W. Gardner, 425 S Grant, Stockton.
SCHOOL HOUSE, $55,555; 100 S Pilgrim Stockton; owner, Stockton Bd. of Education.
APARTMENT HOUSE, $17,600; 309 So. Sutter, Stockton; owner, S. Gardella, 1407 E South, Stockton.
REMODEL, $5000; 925 North East, Stockton; owner, National Towel Co., 925 N East, Stockton.
RESIDENCE, $4000; 325 North Sierra Nevada, Stockton; owner, L. Saccone.
RESIDENCE, $4000; 1221 West Poplar, Stockton; owner, I. L. Shields.
RESIDENCE, $3800; 1028 West Oak, Stockton; owner, J. R. Williams, 720 West Acacia, Stockton.
DWELLING, 2-story 2-flat 5-room, and garage, $8300; 3009 O, Sacramento; owner, Mrs. Dora Willi, 2115 I, Sacramento; contractor, G. E. Harvie, 2212 T, Sacramento.

FLAT BLDG (4 flats 2-story) and garage, $9000; owner, S. M. Catchidal, 2300 H, Sacramento.

DWELLING, 2-story 2-flat, and garage, $9500; 1900 21st, Sacramento; owner, J. C. Sawyer, 1322 7th St., Sacramento; contractor,G. E. Harvie, 2212 T, Sacramento.

DWELLING, 1-story 9-room, and garage, $3300; 309 23rd, Sacramento. owner, H. Kimbrough, 5th & I, Sacramento; contractor, Davis & Rugg 4848 P, Sacramento.

DWELLING, 1-story 5-room, and garage, $3300; 315 23rd Sacramento; owner, H. Kimbrough; contractor, Davis & Rugg.

DWELLING, 1-story 5-room, and garage, $3300; 317 23rd, Sacramento; owner, H. Kimbrough; contractor, Davis & Rugg.

DWELLING, 1-story 5-room, and garage, $3300; 321 23rd, Sacramento; owner, H. Kimbrough; contractor, Davis & Rugg.

DWELLING, 2-story 10-room, and garage, $14,000; 1050 45th, Sacramento; owner, H. S. Holt, 3931 J Sacramento.

DWELLING, 1-story 5-room, and garage, $3500; 1516 36th, Sacramento; owner, Mrs. Mary Brown, 5440 Folsom Blvd., Sacramento; contractor, Gilkie & Lund, 4659 Elliott Ave., Sacramento.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

Sept 12, 1923—CALLA SCHOOL DIST Stockton. Calla Grammar School District, by H I Porter, Clerk of the Board of Trustees to Ubels & Van Til.....Sept. 11, 1923

Sept. 13, 1923—LOT 18 and E ½ Lot 19 Blk 3, Northcrest, Stockton. Pat J Connolly to H E Allen.Sept. 1, 1923

Sept. 13, 1923—LOT 13 BLK 7, Rosedale Subd of Tracy. Paul J Ziegler to Paul J Ziegler.....Sept. 5, 1923

Sept. 15, 1923—W ½ LOT 3, W½ Lot 4 Blk 13, Menyvale. Concepcion Azcarate to M M Azcarate.....Sept. 13, 1923

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

SCHOOL
MT. VIEW, Calif. Special fixtures and furniture for high school.
Owner—Board of Trustees Mt. View Union High School District, Mt. View, Calif.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Fink & Schindler, 226 13th St., San Francisco.
Filed Sept. 7, '23. Dated Aug. 20, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $16,550
Bonds, $8275 each. Surety, Globe Indemnity Co. Limit, 100 working days from Aug. 20, 1923. Forfeit, none. Plans and specifications filed.

CORK CARPET AND LINOLEUM ON above.
Contractor — D. N & E. Walter, 562 Mission St., San Francisco.
Filed Sept. 7, '23. Dated Aug. 20, '23.
Payments same as above.....
TOTAL COST, $2134.55.
Bonds, $1067.28 and $1067.28. Surety, Unite States Fidelity & Guaranty Co. Limit, 90 working days from Aug. 20 1923. Forfeit, none. Plans and specifications filed.

ADDITIONS, ETC.
ON ALUM ROCK AVE., San Jose. All work for additions, alterations and improvements to club building.
Owner—San Jose Country Club, San Jose.
Architect—Herman Krause, Bank of San Jose Bldg, San Jose.
Contractor—S. De Cola and E. E. Weldon, 511 E-Empire St., San Jose.
Filed Sept. 12, '23. Dated Sept. 11, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $7535
Bond, $3300. Sureties, Wm. F. Serpa and Joseph Russo. Limit, 90 working days from Sept. 11, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
S MIDDLEFIELD ROAD 150 E Everett Ave., Palo Alto. All work for one-story residence and garage.
Owner—G. J. Oehrli, 370 Noe St., San Francisco.
Architect—None.
Contractor—M C. Ingraham, 165 Fell St., San Francisco.
Filed Sept. 13, '23. Dated Sept. 6, '23.
Frame up $1536.50
Brown coated 1536.50
Ready for paint..... 768.25
Completed 768.25
Usual 35 days..... 1536.50
TOTAL COST, $6146.00
Bond, none. Limit, 90 working days from Sept. 13, 1923. Forfeit, plans and specifications, none.

SOCIAL HALL
MILPITAS, Calif. All work except finish hardware, lathing and plastering for social hall for St. John the Baptist Parish, Milpitas.
Owner—The Roman Catholic Archbishop of San Francisco, 1100 Franklin St., S. F.
Architect—None.
Contractor—W. J. Martin, Santa Clara.
Filed Sept. 4, '23. Dated Aug. 16, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $8135
Bond, $4067.50. Sureties, F. J. Vargas and Chas. A. Payne. Limit, to be completed with all possible despatch. Forfeit, none. Plans and specifications filed.

ALTERATIONS
E LOCUST ST., bet. McKendrie and Hedding Sts., San Jose. All work for alterations, repairs and additions to school.
Owner—Trustees College Park School District, San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—H. R. Sherman, 528 Chapman St., San Jose.
Filed Sept. 15, '23. Dated Sept. 14, '23.
Frame up $2334.25
1st coat plaster on in & out. 2334.25
Completed 2334.25
Usual 35 days..... 2334.25
TOTAL COST, $9337.00
Bonds, $4668.50 each. Sureties, A. L. Hubbard and John Lindgren on both. Limit, 90 working days from Sept. 14, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
LOTS 1, 2, 3, 4 AND 5 NE ½ LOT 11 Blk 11, Palo Alto. All work for two-story residence and garage
Owner—Frederick A. and Caroline S. Wickett, 445 Lowell St., Palo Alto.
Architect—Albert Farr and J. Francis Ward, 68 Post St., San Francisco.
Contractor—The Minton Co., Mt. View
Filed Sept. 12, '23. Dated Sept 5, '23.
Payments to be made upon certificates submitted by contractor and OK'd by Architect every 14 days .....
TOTAL COST, $31,026
Bond, none. Limit, 120 working days from Sept. 5, '23. Forfeit, none. Plans and specifications filtd.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

Sept. 4, 1923—NE LINE MORSE ST 106 ft. NW Randol Ave., San Jose. Philene Knowles, Marian Knowles and Evadne Knowles to Arthur J. Bowen .....Sept. 1, 1923

Sept. 5, 1923—LOT 6 BLK 1 Johnsons Addn to Los Gatos. Anton Zaro to E. L. Slaght.....Sept. 5, 1923

Sept. 5, 1923—PART BLK 13 S 6W James Lick Homestead Tract. Elmer Christian to whom it may concern .....Sept. 5, 1923

Sept. 5, 1923—PART LOTS 18 & 19 San Carlos Sub. R. H. Coats to Carl C. Maurer .....Aug. 27, 1923

Sept. 6, 1923—LOT 7 & NE ½ LOT 8 Blk 9 Seale Addn to Palo Alto. James De Laney to John Dudfield .....Aug. 25, 1923

Sept. 6, 1923—LOT 11 & 12 BLK 30 College Terrace. M. C. Gass to whom it may concern..Sept. 4, 1923

Sept. 6, 1923—PART LOT 5 BLK 14 Hanchett Residence Park. B. J. Smith to whom it may concern....

.....Sept. 6, 192

Sept. 6, 1923—GILROY, Cal. Gilroy High School Dist. to P. J. Enright.....Aug. 20, 192

Sept. 7, 1923—PART LOT 8 BLK 3 R 10 S San Jose. V. H. Hermann to E. Nomminsen .....Sept. 7, 192

Sept. 7, 1923—PART LOTS 10 & 11 Blk 1 Sunol Addn. to San Jose. Meta E. Cottle to A. J. Nielsen.....Sept. 7, 192

Sept. 7, 1923—LOTS 30 & PART LOT 31 Blk 88 Palo Alto. Nellis E. Plante to Da Mant & Brickey. Date of instrument Sept. 5, 1923.....

Sept. 7, 1923—LOT 24 BLK 48 PALO Alto. Adelaide P. Newsom to E. Zimmerli .....Aug. 30, 192

Sept. 8, 1923—NW CORNER SANTA Clara & 24th Sts., San Jose. B. W. Graves to Ford & Thornberg.....Sept. 1, 192

Sept. 8, 1923—W SIDE FIFTEENTH south of William St., San Jose. George C. Glans to Benjamin Quimet .....Sept. 8, 192

Sept. 8, 1923—W SIDE FIFTEENTH South of William St., San Jose. George C. Glans to Benjamin Quimet .....Sept. 8, 192

Sept. 8, 1923—LOT 16 BLK 6 LOS ALtos. A. C. Budd to Carl Lindholm.....Sept. 7, 192

Sept. 11, 1923—PARCEL 40 IN DEED Lennon to Adams, Book 564 deeds page 245. Thomas Keller to L. C. Rossi .....Sept. 8, 192

Sept. 11, 1923—PART LOT 1 BLK 94, Palo Alto. Charles E. Rothschild to whom it may concern..Sept 5, 192

Sept. 12, 1923—PART LOT 13 BLK 2 Diana Park Tract. A. A. Zolezzi to B. J. Williams.....Sept. 5, 192

Sept. 12, 1923—LOT 17 BLK 10 ROSE Lawn. Sherman A. Miller to whom it may concern. .....Sept. 13, 192

Sept. 12, 1923—RAILROAD FREIGHT Station San Jose. Southern Pacific Co. to Raisch Improvement Co.....Aug. 31, 192

Sept. 12, 1923—CORNER HAMILTON Ave. and Fulton St., Palo Alto. Estelle Pearl Carter to The Minton Co. .....Aug. 25, 192

Sept. 13, 1923—LOTS 3 & 4 BLK 47 Palo Alto. Charles Dunn Clinch Co. to Wells P. Goodenough.....Sept. 4, 192

Sept. 13, 1923—390 SO. NINTH ST., San Jose. M. D. Harliss to whom it may concern .....Sept. 12, 192

Sept. 13 1923—LOT 10 BLK 8 Hanchett Residence Park. Frederick G. Wright and Josephine Wright to E. A. Roberts.....Sept. 11, 192

Sept. 14. 1923—PART LOT 6 BLK 33 Palo Alto. Harry H. Dabinett to whom it may concern..Sept. 13, 192

Sept. 15, 1923—PART LOT BLK 94 University Park. Anders A. Ehnbom and Lillian Ehnbom to whom it may concern .....Aug. 31, 192

Sept. 15, 1923—PART LOTS 1 & 2 Blk 4 R 8 N San Jose. Maurice L. Tainter to whom it may concern.....Sept. 14, 192

Sept. 15, 1923—LOT 16 BLK 4 SHOTtenhamer Sub No. 2. Armand C. Weber to Main & Evans..Sept. 14, '2

Sept. 15, 1923—LOT 30 BLK 2 HELEN L. Beal Portion of Blk 2 Clayton & Beal Sub. .....Sept. 14, 192

Sept. 15, 1923—LOT 4 R 5 W SCHEller Addn. J. V. Battaglia to whom it may concern .....Sept. 8, 192

LIENS FILED

SANTA CLARA COUNTY

Recorded Amoun

Sept. 5, 1923—18.40 ACRES ON W Santa Clara-Los Gatos Road South of Stevens Creek Road. Guilbert Bros vs C C Miller, J H Brown, A P and Maude Marston.....$215.4

Sept. 5, 1923—27.332 ACRES ON SAN Jose-San Francisco adjoining SE line of Town of Mayfield. Samuel A Pease vs Sebastian C Jones..$50.6

Sept. 8, 1923—PTN LOT 10 BLK 2, Clayton et al vs Sainsevain et al Partition. San Jose Hardware Co vs Elizabeth Hickey.....$18.7

Sept 22, 1923—PTN LOT 2 BLK 4 R 4 N., San Jose. Day & Night Water Heater Co vs F Harold Vining $31

Sept. 12, 1923—LOTS 9, 10, 11, 12, 13, 14 and 33, Hayes Sub., San Jose. Day & Night Water Heater Co vs Michael D Sando.....$31

Sept. 12, 1923—LOTS 12, 13, 14 and 33 Blk 1 R 10 N, San Jose, Wolfe & Higgins vs M De Sando...$514.56
Sept. 14, 1923—PTN LOT 8, Fleming Sub, San Jose, S H Chase Lumber Co vs F and Mary Cribari...$1832.13
Sept 15, 1923—LOT 1 BLK 13, Evergreen Park, San Jose, Sunnyvale Supply Co vs Nick Purket...$1850.95

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Sept. 8, 1923—LOT 10 BLK 21, Montgomery and Rea Sub, Austin M Drinkwater to Anton and Monica Anderson $170
Sept. 12, 1923—LOT 43 and Ptn Lot 42 Blk 44, Palo Alto Gray-Thorning Lumber Co to Dan and Helen Wagner $64.80
Sept. 12, 1923—LOT 49 BLK 1, San Jose Park Tract, San Jose, Sunsent Lumber Co to Gilman W Watson and Harriet Shoemaker.. .....$232.15
Sept. 13, 1923—LOT 5 BLK 4 N R 2 E, Santa Clara Chester E Hershey and George Metzger to James Symons and George Helzer....$80.75
Sept. 13, 1923—PTN LOT 5 BLK 4 N R 2 W Santa Clara, P Donatelli to Geo Helzer $1375.80
Sept. 13, 1923—PTN LOT 5 BLK 4 N R 2 W, Santa Clara, R Menzel Hardware Co to George Helzer..$200
Sept. 13, 1923—PTN LOT 2 BLK 4 R 4 N, San Jose, Day & Night Water Heater Co to F Harold Vining..$310
Sept. 13, 1923—LOTS 9, 10, 11, 12, 13, 14 and 33, Hayes Sub, Day & Night Water Heater Co to Michael De Sando $310

BUILDING CONTRACTS

SAN MATEO COUNTY

STORE BLDG.
LOT 7-A BLK 1, Burlingame. All work for one-story reinforced concrete store building.
Owner—Otto A. Schoning, 622 Hurlingham St., Burlingame.
Architect—None.
Contractor—Thomas J. Broderick, 1528 Cypress St., Burlingame.
Filed Sept 8, '23. Dated Sept. 6, '23.
Frames placed $2970
Concrete poured 2970
Roof on 2970
Completed 2970
Usual 35 days..... 3920
TOTAL COST, $14,800
Bond, none. Limit, Dec. 6, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
LOTS 1 AND 2 BLK 5, Sub No. 3, Burlingame Park, Burlingame. All work for one and one-half-story residence and garage.
Owner—Andrene S. and May S. Lamond 214 Natoma St., San Francisco.
Architect—Kuhn & Edwards, 833 Market St., San Francisco.
Contractor—Leonard Diogiardi, Dumbarton Ave., Redwood City.
Filed Sept. 8, '23. Dated Sept. 7, '23.
Sheathed $1500
Brown coated 4500
Completed 4500
Usual 35 days..... 4548
TOTAL COST, $18,048
Bond, $9024. Surety, Hartford Accident % Indemnity Co. Limit, 100 working days. Forfeit, $10. Plans and specifications filed.

BUNGALOW
4 6 BLK 8 BURLINGAME PARK, Burlingame. All work for bungalow and garage.
Owner—K. E. Holzmulller, 114 Sansome St., San Francisco.
Architect—None.
Contractor—Thos. N. Gesso, 1405 Grove St., San Mateo.
Filed Sept. 13, 1923. Dated Sept. 10, 1923
Framed $2025
Brown coated 2025
Completed and accepted 2025
Usual 35 days 2025
TOTAL COST, $8100
Bond, Sureties, Forfeit, none; Limit, Dec. 1, 1923; Plans and specifications, none.

BUNGALOW and garage, $4000; Lot 20 Blk 36 Lyon & Hoag Sub Dwight Rd, Burlingame; owner, M. Sorenson, 16 Dwight, Burlingame.
COTTAGE and garage, $1547; Lot 35 Blk 46 Easton 4 Bernal Ave, Burlingame; owner, Thas. Mikkelson.
BUNGALOW and garage, $3500; Lot 20 Blk 4 Bigme Grove Mills Ave., Burlingame; owner, H. C. Yates.
BUNGALOW, frame one-story, $6000; Lot 8 pt. Lot 7 Blk 11 Oak Grove, Burlingame; owner, Mrs. L. M. Sullivan.
ALTERATIONS and additions to ——, $3500; 1920 Carmelita Ave., Burlingame; owner, Doris Morley, 1920 Carmelita Ave., Burlingame.
STORE and garage class C, $14,800; Lot 7 Blk 11 Burlingame Ave., Burlingame; owner, Otto A. Schauing, 622 Hurlingham.
BUNGALOW and garage, $4000; Lot 20 Blk 3 Crossways Rd., Burlingame; owner, D. Houlle, 1223 Bellvue Ave., Burlingame.
BUNGALOW and garage, $4000; Lot 19 Blk 3 Crossways Rd., Burlingame; owner, D. Houle, 1224 Bellvue Ave., Burlingame.
BUNGALOW and garage, $4000; Lots K and L Blk 1 Edgehill Drive, Burlingame; owner, D. Houle, 1224 Bellvue Ave., Burlingame.
BUNGALOW and garage, $4000; Part of Lots L and M Blk 1 Edgehill Drive, Burlingame; owner, D. Houle, 1224 Bellvue Ave., Burlingame.
ALTERATIONS and additions to——, $2000; Burlingame; owner, A. Andrew, 23 Dwight, Burlingame.
STORE, class C, $22,000; N side Bigme Ave, 300 ft. W of Main St.; owner, Forsythe & Simpson, 1207 Burlingame Ave., Burlingame.
BUNGALOW and garage, $3000; Lot 19 Villa Park 3rd Ave., Burlingame; owner, Chas. Strothoff.
HALL BUILDING, $5000; Lot 8 Blk 5 S. M. Division Central Add., San Mateo; owner, Sons of St. George, San Mateo.
RESIDENCE, $6000; Lot 34 San Mateo Park, San Mateo; owner, L. Diogardi, Redwood City.
DWELLING, $1000; Grand Boulevard, San Mateo; owner, E. Klimal.
ALTERATIONS, $1000; 30 West Bellview, San Mateo; owner, S. A. Wisnom, 30 West Bellview, San Mateo.
BUNGALOW and garage, $6000; Lot 7 Blk 7 Bigme Land Co. Floribunda Ave., Burlingame; owner, R. L. Lants, 129 Costa Rica, Burlingame.
BUNGALOW and garage, $3000; Lot M Blk 7 Bigme Terrace Edgehill Rd.; owner, B. Chesney.
BUNGALOW and garage, $3000; Lot O Blk 4 Bigme Terrace Edgehill Rd., Burlingame; owner, Byrne & Chesney.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Sept. 11, 1923—LOT 22 BLK 9, Burlingame Terrace, Burlingame. Hans Plath to James Low...Sept. 11, 1923
Sept. 11, 1923—LOT 23 BLK 9, Burlingame Ter., Burlingame. Hans Plath to James Lowe..Sept. 11, 1923
Sept. 11, 1923—LOT 8 BL 24, Redwood Highlands, Redwood City. Fannie S Curtis to John W Rutherdale.....June 26, 1923
Sept. 11, 1923—PTN LOTS 22 AND 23, Homestead Sub., San Mateo B Norberg and John Wicklund to whom it may concern.....Sept. 8, 1923
Sept. 11, 1923—LOT 15 BLK 1, Partridge Sub near Menlo Park. Geo L Scott to whom it may concern.. .....June 23, 1923
Sept. 11, 1923—PTN BLK 37, Town of San Mateo. R A Cairns to Ed Ball.....Sept. 5, 1923
Sept. 12, 1923—LOT 38 BLK "P" Mission St. Land Co., Daly City. Robt Neil to whom it may concern..... .....Sept. 11, 1923
Sept. 12, 1923—LOT 'E" BLK 8, Burlingame Land Co., Burlingame. Mildred I and F N Head to The Sonsen Bldg Co.....Aug. 29, 1923
Sept. 13, 1923—LOT 2 BLK 26 LYON & Hoag Tract, Burlingame. Emma Corbett to whom it may concern .....Sept. 1, 1923
Sept. 13, 1923—1225 BALBOA AVE. Burlingame. Albert T. Ross to Van Dure & Van Dure.....Aug. 28, 1923
Sept. 13, 1923—PART LOTS 5 & 6 Blk 7 Bigme Land Co., Burlingame Charle Hammer Hugo Hultberg to whom it may concern..Sept. 11, 1923
Sept. 13, 1923—PART LOTS 1 2 & 6 Blk 17 Lomita Park, San Mateo. R. C. MacDonald to C. P. Baird.... .....Sept. 11, 1923
Sept. 13, 1923—LOT 25 BLK 9 EASton Add., Burlingame. Eugene Monahan to whom it may concern .....Sept. 12, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Sept. 11, 1923—LOT 5 BLK 21, Oak Knowl Manor No. 2 near Redwood City. The Greater City Lumber Co vs Clara B Haughman and J A Buckley $67.50
Sept. 15, 1923—LT 10 BLK 7 LOMITA Park, San Mateo. Geo. L. Hatfield vs. George Braggs & G. R. Glice.. ..... $252.48

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Conereta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., SEPTEMBER 29, 1923

Published Every Saturday
Twenty-third Year No. 39

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

KOEHRING K HEAVY DUTY

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

ssued Every Saturday — SAN FRANCISCO, CALIF., SEPTEMBER 29, 1923 — Twenty-third Year No. 39

BUILDING and ENGINEERING NEWS

No. 818 Mission Street.
San Francisco. Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
/. E. ODGERS, Advertising Manager

Devoted to the Engineering. Archi-ctural. Building and Industrial Ac-vities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

ubscription terms payable in advance
. S. and Possessions, per year..$5.00
anadian and Foreign, per year.. 6.00
ngle Copies 25c

Entered as second-class matter at
n Francisco Post Office under act of
ongress of March 3, 1879.

ORCELAIN PLANT PROPOSED FOR BAY DISTRICT

A survey has been completed for the ection of a new $500,000 factory ant in the bay district, which will anufacture porcelain ware at the te of 2000 pieces per week and will nploy about 100 men. It is estimated at the plant can be built in six onths' time.

Fifteen acres have been selected for e site of the plant, which will be en-rely fireproof. The equipment, which as already been ordered, is of the test design and calls for the most proved methods of manufacture. All are will be cast and will be cured in tent dryers, and for the burning a nnel kiln 360 feet long will be built. These features are to be incorporated the new plant as a result of an ex-nsive survey recently taken of the ading porcelain plans of the East. e plant here will be the most up-to-te in the country.

Climate and transportation facilities th had their influence in the selec-on of the bay country for this new dustry. A temperate climate is nec-ssary for the production of the best rcelain, and with the expected de-lopment of the markets of the Pacific is locality was chosen as the ideal ipping center.

COUNTY LOSES FIGHT IN HIGHWAY DECISION

The legal fight instituted by Plumas County to compel the State Highway Commission to keep intact funds to build a highway connecting Oroville-Quincy received a setback when Superior Judge Malcolm C. Glenn sustained a demurrer filed by the commission.

It was contended by Plumas County that in the $40,000,000 state highway bond issue, $1,500,000 was allocated to the construction of the Oroville-Quincy lateral. Now, it is held, the commission does not plan to expend money for that unit, and the court was asked to divert the funds to any other highway unit.

In his ruling Judge Glenn held that the complaint did not contain sufficient facts to constitute an action. He also held that the highway body is vested with the descretion in mapping out road work.

Regarding the insufficiency of the complaint, Judge Glenn held there was no evidence showing what the actual cost of the highway would be, although the northern county estimated the cost would be $1,500,000. The estimate, he pointed out, was not based on surveys. In other words, he said, there was nothing to show what sum should be tied up to assure the road construction.

In sustaining the demurrer, Judge Glenn granted the county ten days in which to file an amended complaint. The complaint, however, to be of worth in court would necessarily have to set forth estimates of cost based on surveys.

ANTIOCH BRIDGE PERMIT IS REJECTED AT WASHINGTON

The U. S. War Department has rejected the application of the Delta Bridge Corporation to construct a bridge across the San Joaquin river between Sherman Island and Antioch. Both proposals offered by the company were turned down on the ground that they would interfere with navigation. The company will be notified, however, that the War Department will consider another application for the erection of a bridge crossing at West Island, about one mile distant from where it was proposed to build the structure.

Several hearings on the application were held in San Francisco and the reports forwarded to Washington. The first set of plans for the structure was opposed by Major U. S. Grant, III, federal engineer at San Francisco, as a menace to navigation. Altered plans providing for a "high line" structure then were submitted but these also were adversely reported upon by Major Grant. His report then went to Colonel H. Deakyne, federal engineer, San Francisco, and by him was forwarded to Washington. The nature of Colonel Deakyne's report has not been made public.

Construction of a $500,000 thirty-inch suction dredge has been ordered by the Port of Portland Commission (Oregon). Power will be furnished byb four Diesel engines with a combined horsepower of 2500. Bids will be asked on completion of plans.

GOVERNMENT ENGINEERS REPORT ON IDAHO IRRIGATION PROJECT

The proposed Mountain Home irrigation project will cost $60,052,000, or $184.78 per acre, to complete, according to figures in the final report of E. B. Dehler and F. A. Banks, government engineers, who recently completed a survey of tract, it is announced at Boise, Idaho.

The area which might be placed under irrigation by the completion of the project was cut by the engineers from 700,000 acres, the gross, to 420,000 acres. The tract is bounded on the southwest by the Snake river, on the northwest by the Boise project, and on the northeast by the main canal, averaging about six miles from the proposed Oregon Short Line Railroad Company's main line, and on the southeast by Little Canyon creek, north of Glenns Fedry.

The report, which goes into the minutest detail concerning the findings made by the engineers in their survey, has been submitted to the United States reclamation service of the department of the interior.

Of the $60,052,000 which the project would cost, $35,000,000 would be spent on the main canal, which would be 125 miles long and would pass through Gooding, Lincoln, Jerome and Minidoka counties. The distributing system of the canal, beyond the one hundred and twenty-fifth mile, would cost another $9,750,000. Examination and surveys would cost $325,000; dam spillway and headworks, $305,000; telephone system, $162,000; headquarters, permanent buildings and others, $100,000; storage, $11,160,000. This would bring the total construction cost to $56,802,000. Operations and maintenance costs during construction would be $3,250,000.

DR. ELWOOD MEAD TO SERVE ON RECLAMATION BOARD

Dr. Elwood Mead of the College of Agriculture, University of California, an authority on land settlement questions, has been invited by Secretary of the Interior Dr. Hubert Work to serve on a commission to investigate the entire system of land reclamation of arid lands by the government, according to an announcement of the University of California Extension Division.

Dr. Mead is in Australia. It is not known whether he will accept the invitation.

Others appointed to serve on the government commission are: Julius Barnes, president of the United States Chamber of Commerce, Washington, D. C.; Oscar E. Bradfute, president of the American Farm Bureau Federation, Xenia, Ohio; James R. Garfield, former secretary of the interior, Cleveland, Ohio; Thomas E. Campbell, former governor of Arizona, Phoenix, Ariz.; David D. Davis, former governor of Idaho; John A. Widtsoe, former president of the state university and state agricultural college of Utah, Salt Lake City.

According to reports from Wall Street, Henry Hapai, treasurer of Hawaii, is en route to New York to negotiate the sale of $2,000,000 territorial bonds for improvement to the harbor and highways of Hawaii.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The National Lumber Manufacturers' Association estimates that the export of lumber to rehabilitate the cities of Japan, partly destroyed by the recent disaster, will amount to about three and three-quarter billion feet. This is about one-tenth the annual lumber output of the United States. West Coast Lumber Association, which supplies annually vast quantities of lumber to Japan, is getting in readiness to meet any unusual orders that may be received.

The total number of buildings destroyed in the Berkeley fire on Monday has been fixed by city officials at 641, after a survey in which a street by street check was made. However, because there were many places where rear cottages had been constructed, there may be later changes in the number. The structures burned were divided as follows: Houses, 624; apartments, 5; schools, 2; fraternities and sororities, 7; one fire house, one church, and one clubhouse.

Reduced freight rates on lumber from the Pacific Northwest to California are announced by the Southern Pacific Railway. New schedules include Portland to San Francisco and Los Angeles, respectively, soft lumber, 28 cents and 50 cents instead of 28½ and 59; poles and piling, 34½ and 56 instead of 37 and 65; box shooks, Portland to San Francisco, 32 cents instead of 35, and shingles, Portland to Los Angeles, 60 cents instead of 65.

Charging carelessness on the part of a truck driver employed by the Valley Construction Co. of Visalia, Robert C. Murray has filed suit against the construction company for $15,000 damages as a result of alleged injuries received when one of the company trucks ran him down on March 6 of this year.

Building construction in Seattle for the entire year of 1923 will approximate $25,000,000, according to City Superintendent of Buildings, Robert L. Proctor. The totals to date are in excess of $18,500,000, which sum leads Portland, Ore., by approximately $500,000, as far as the year has progressed.

E. Hogberg, chairman of the Entertainment Committee of the San Francisco Builders' Exchange, announces Oct. 11 to 15, has been set for the Builders' Exchange trip to view the Hetch Hetchy project. The fare is $30, round trip, all expenses included.

Approximately $1,250,000 worth of street improvements and extensions are now under way in Oakland, Calif., under the direction of the City Street Department, according to W. W. Harmon, City engineer and Superintendent of Streets.

A State Building Trades' Council, to be affiliated with the Building Trades Department of the American Federation of Labor, whose chief purpose is the prevention of wage reduction in the industry, is being organized in New York.

According to a report of the Los Angeles building permit bureau, housing accommodations for 29,521 families were provided in that city for the six months ending August 31.

Representatives of communities interested in promoting a railroad to handle the big grain crop of the Tulare Lake district and the fruit crops of Kings and southern Fresno counties, with a terminus on the coast at Paso Robles, or some other advantageous point, at a recent meeting in Hanford, named a general committee to gather data on present and potential tonnage to form the basis of a report which the committee will make to officials of the Southern Pacific and Santa Fe Companies. District representatives of the traffic and industrial departments of both railroads were present at the conference.

President Clyde L. Seavey of the Railroad Commission has offered the services of experts in the hydraulic division of the engineering department of the Railroad Commission to the City of Berkeley in its proposed survey of the water situation, and of protective measures to prevent a recurrence of the recent fire. Chairman Campbell of the Board of Public Utilities of Berkeley has accepted the offer on the part of the city and it is probable that F. M. Faude, Chief Hydraulic Engineer of the Commission, will be assigned to the task.

It has been officially announced that the General Electric Co., U. S. A., will subscribe $100,000 for the relief of victims of the Japanese disaster. Portions of this sum will be allocated to the various American cities in which the company has large plants. The distributions are to equal the total subscriptions made by the employes of the company in the various plants.

Oakland's high pressure water system will be extended in the downtown district, according to Commissioner of Health and Safety Frank Colburn. The work is prompted due to the recent Catastrophe in Berkeley where property valued at approximately $3,000,000 was lost by fire.

Julius G. Zwicker, president of the Hydraulic Pipe Co., of Berkeley, shot and killed himself in his home, 1700 Marin St., Berkeley, Sept. 25. Zwicker was an inventor and had been in business in Berkeley for the last eight years.

The State Finance Board has authorized the sale of $3,000,000 highway bonds bearing interest at the rate of 4¾ per cent. The sale of these bonds will leave $3,000,000 out of $40,000,000 voted in the third bond issue of 1919.

City Council of Richmond contemplates calling election to vote bonds of $150,000 to finance construction of municipal hospital, and $50,000 for municipal swimming pool.

Hutchinson Lumber Company of Oroville has let a contract to enlarge its mill pond from eight acres to approximately twenty-eight acres.

A ten year Federal building program, calling for an expenditure of $500,000,000, is being discussed at Washington.

City trustees of Porterville will pave forty-two blocks of streets with concrete.

ALONG THE LINE

The Pacific Coast Convention of the American Institute of Electrical Engineers will be held at Del Monte, Calif., Oct. 2 to 5. Dr. Chas. P. Steinmetz, electrical wizard and chief consulting engineer for the General Electric Company, will address the convention of the morning of the 4th. His address will be "High Voltage Insulation."

Action has been taken by the Oregon State Highway Commission in its efforts to save roads from destruction by trucks and overloading. Upon recommendation of the State Highway engineer the Commission voted to reduce the maximum loads on eleven roads 25 per cent, from October 15 to April 15.

The Supreme Court has denied petitions submitted by the city of Tacoma and the state for rehearing of the Tacoma school bond election case, in which a $2,400,000 bond issue was invalidated. The opinion of the court also knocked out a score of other bond issues throughout the state.

City Manager Ashburner of Stockton has ordered a survey on building conditions. Especial attention will be paid to the proper installation and maintenance of fire escapes. Owners, where conditions warrant, will be notified to make the necessary changes, and failing this, will be prosecuted.

E. S. Gillespie, manufacturer and banker of North Dakota, is in Richmond seeking a 30-acre site on which he proposes to establish a plant for the manufacture of hemp and flax. Gillespie is associated with his brother in a similar plant at Duluth, Minn.

Hitchcock & Tinkler, San Francisco and New York (C. C. Tinkler, Mills Bldg., San Francisco), have contract to construct Moffat Tunnel, piercing the Continental Divide west of Denver. The contract price is in the neighborhood of $5,250,000.

John Bernard, formerly connected with the civil engineering department of the Alaska Northern Railroad, was shot and killed by Federal officers in a moonshiners' cabin at Fairbanks, Alaska, Sept. 14.

Harlan D. Miller, assistant structural engineer with the California Highway Commission, has been appointed instructor in structural engineering classes in the Sacramento night high school.

Santa Barbara, Calif., has been selected as the next convention city of the California Federation of Labor. Pasadena was the only other city seeking the meet.

The annual convention of the California Retail Lumbermen's Association is called for October 26-27, at the Palace Hotel, San Francisco.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

ARE YOU A NEAR-SIGHTED CONTRACTOR?

The Omaha Builders' Exchange News, edited by E. H. Brown, secretary of the exchange, printed recently the following most pertinent fable:

Once upon a time there was a near-sighted contractor, who was asked by an architect to figure a school house in the Village of Podunk.

And he took the plans and he went over them carefully, and he gathered around him all the sub-bidders he could. And he examined all the figures of those sub-bidders and partook largely of their advice and counsel as to their particular part of the work.

And when all was said and done, he took those sub-bids which seemed best and put them on his estimating sheet and made his bid. And lo and behold, the next day, he had a contract!

Then those sub-bidders who knew their figures were best, went to the near-sighted contractor to secure their share of his good fortune. But he refused, saying, "There was a man from Squashton here who promised me a better price. Of course, I know he did not figure the job before it was let, but I took this work on a close margin and if I can save a dollar any place I must do so."

And the sub-bidders went away with wrath in their hearts, for they knew it was not only their price, but the information they had given which had enabled the near-sighted contractor to land the job.

And, after many days, this same near-sighted contractor was very desirous of securing another job, and he besought the sub-bidders for bids, but they would have none of him, and he was sore distressed, and went away mournfully, for in his heart he knew he had need of their knowledge and figures if he was to land the job.

And great was his sorrow when he learned that the contract has been award d to a contractor who played square with his sub-bidders.

Moral: Even a sub-bidder gets tired of being a free information bureau and will bite the hand that fails to feed him, after a while.

DENVER BRICKLAYERS OPPOSE SCHOOL COURSE

Facing open opposition from the Denver bricklayers' union and encountering difficulty in securing a competent instructor, the Denver board of education was undismayed in its efforts to establish a course in practical bricklaying at the industrial arts school of the North Side high school. considered and we expect to have the course under way soon," was the statement at the administration office of the board.

In disclosing the attitude of the bricklayers' organization, F. H. Cowell, a school director and Denver contractor, made public the following letter from Herman Johnson, secretary of the Bricklayers, Stonemasons and Marblemasons' Union No. 1 of Denver:

"I am instructed to inform you that through the press and other sources this union learns that you intend to teach other than regular indentured apprentices the art and trade of bricklaying.

"Such action, of course, is in violation of the international union constitution.

"The starting of such a course will be sufficient to place you in violation of said laws, and in that case union bricklayers will be unable to man your work."

SAN FRANCISCO CONTRACTORS PURCHASE MACK TRUCKS

Captain George Thomas of the Mack-International Motor Truck Corp., reports the sale of a four-yard body Mack motor truck to H. L Peterson, general contractor. The Acme Concret Company has also closed a deal with Captain Thomas for a truck of the same capacity.

With the desire to fully satisfy his customers in his purchase and that said purchaser might realize ful value in his truck, the Captain has prepared the following rules which he present to the truck driver on delivery of the vehicle:

If a car ahead is ambling along enjoying the scenery, sneak up behind it as quietly as possible, swing slighty to the left, open up everything you've got, and step on 'er. Do this, and the nerve specialists will rise up and call you blessed. Other persons will also rise up and call you, but not blessed.

A 2-ton truck ought to be able to carry at least three tons, just the same as a horse ought to carry two riders as easily as one, a gallon measure ought to hold five quarts, and a man ought to work 12 hours a day as easily as eight.

Don't pay any particular attention to cross-town traffic. Motor trucks never do. This is what makes the cross-town traffic cross.

Remember you almost always get the best of it in a collision with a lighter vehicle. Why worry about the other fellow?

Children have a habit of running out into the street unexpectedly, so you need not be on the lookout for them, them, because you will probably be exonerated by the jury anyway.

When you back, back fast. It is dangerous, but you may save the millionth part of a minute.

Get there as fast as you can. Then, when you get there, you will have more time to sit around.

Don't worry about having a good supply of gas when starting on a long haul. Some farmer may be able to help you out.

It is well to approach a street crossing as rapidly as possible and then shove on the brakes. This gives the driver right behind you a thrill that he might not otherwise enjoy.

Remember that green drivers and women expect to have trouble, and we ought never to disappoint other people's expectations.

LONG BEACH ARCHITECTURAL CLUB IS GROWING

The Architectural Club of Long Beach, which was organized with only 15 members, now has more than 70 enrolled Monthly meetings are held in the Municipal clubhouse, and as most of the business of th e organization is transacted by the executive committee, the time of these meetings is kept free for instructive work and for sociability. Officers of the club are: W. Horace Austin, president; H. H. Lochridge, first vice-president; Francis Gentry, second vice-president; Matt Piper, secretary; R. D. Van Alstien, treasurer; Vern Hedden, sergeant-at-arms.

STATE BUILDING INSPECTORS CONVENE AT CORONADO

The annual convention of Pacific Coast Building Inspectors, held at Coronado, September 10 to 14, prompted preliminary steps to be taken to secure a more uniform practice, both in building inspection and in the preparation of plans for building projects.

The convention is the second held and was attended by building officials from Portland, Ore., to San Diego, Cal.

The most important step accomplished was the appointment of a committee of five building officials as a committee on standards and uniform building codes. This committee will serve as a testing committee for all new types of building materials and all matters involving the establishment of standards will be referred to this committee.

The conference also retained the service of an expert consultant for the purpose of preparing a uniform building code applicable to all cities on the Pacific Coast. When this code has been prepared and accepted by the building officials it will be submitted free of charge to any city desirous of adopting a new code. Mark C. Cohn of San Francisco, formerly state housing director and western representative of the U. S. government Bureau of Industrial Housing and Transportation, was appointed as consultant for the conference.

A committee on interpretation of the state housing laws of California was also appointed. This committee will act as a clearing house for all decisions on the state housing laws and will render decisions on doubtful cases.

The committe on standards and uniform building code is headed by J. J. Backus of Los Angeles, and the committee on interpreting of the California housing law by A. C. Horner of Stockton.

Officers and directors of the conference for the coming year were elected as follows:

President, J. J. Backus, Los Angeles; vice-president, H. E. Plummer, Portland; secretary-treasurer, A. C. Horner, Stockton. Board of directors, R. Grieg, Berkeley; T. W. Ryan, Oakland; O. G. Knecht, San Diego; M. C. Woodruff, San Jose. Consultant, M. C. Cohn, San Francisco.

SANITARY LEAGUE ELECTS OFFICERS

L. C. Brightwell of the Crescent Plumbing Company of Hollywood, was elected to head the Sanitation Development League of Southern California at the annual election of officers, held Sept. 6. Other officers chosen by the league are: First vice president, W. F. Geddes, Busch Pipe & Supply; Second vice president, H. V. Shinn-Holtz-Lyon; treasurer, G. J. Reardon, manufacturers' representative. The board of directors includes: A. R. Benedict, E. P. Nittinger, J. L. McFadden, E. Coker, C. G. Wilkinson, L. B. Peeples, J. N. Fitzpatrick, H. C. Fletcher, A. E. Judd and Ray H. Roemer.

(Continued on Page 7)

Selection Of Types Of Asphalt Pavements With Reference To Local Materials

By Roy M. Green, Manager, Western Laboratories, Lincoln, Nebraska

During the year 1921 over $120,000,000 was expended for the improvement of the streets in the 252 largest cities in the United States. During the same year the sum of $34,742,791 was expended for sanitation and the promotion of cleanliness, and $55,396,376 for schools in the same cities. Over thirty-nine per cent of all the outlay of funds in these cities was expended for highway improvement. More than twice as much was spent for street improvement as for schools and nearly four times as much for streets as for sanitation. These statistics indicate the relative magnitude of the street paving problem as compared with other municipal undertakings on the basis of financial importance.

Regardless of the manifest importance of this problem in every city in the United States we still find the laymen of the various cities, through their city councils, or commissions, feel justified in taking from the hands of their engineers the important problem of the selection of the type of pavement to be used in any location. The success of the street system, as a transportation medium, is entirely dependent upon this selection, yet many members of city councils feel themselves qualified to select the type of pavement to be used. These same men would hesitate to even make a recommendation regarding the design of a sewer or a water-supply system, where much less money is involved in the enterprise.

Authority of Engineer

Although it is manifestly a fact that this authority should be vested in the Engineer, we are still confronted with the condition, in many states, where the law delegates this authority to the city council, or even worse, to the abutting property owners within the district to be paved. Without any question, this reacts against the best interests of the public and results in improper selections in many instances, and is one of the greatest contributing causes of the short average life of pavements.

Since the engineer does not have this authority it would seem, at first thought, that a discussion of the selection of types of asphalt pavements with reference to local materials is a waste of time at a meeting of engineers, but this is not true.

Even though the engineer is confronted with this condition he still has great authority in making the selection of type through the fact that he still has practically unlimited authority in the drafting of the specifications for the work contemplated. Let us call this selection of type by specifications. Unfortunately the engineer too often overlooks the fact that he has this authority and hastily draws up his specifications by simply adopting the standard specifications of one of the national agencies that have adopted such standards, never realizing that his client may suffer great financial loss through such procedure.

Standard Specifications

There is never a locality where one of the asphalt pavement types does not have a superior economic advantage over all others on account of the availability of some source, or sources, of supply of local materials. In some cases these local materials may be of such a nature that they will not meet the requirements of the specifications of the American Society of Municipal Improvements or of the Asphalt Association. I do not wish to be understood, however, as criticising the specifications, because I most heartily approve of them, and especially those of the Asphalt Association, which I consider as the best group of standard specifications that have ever been prepared, but I do wish to bring out the fact that the blind use of standard specifications is poor engineering and results, in many cases, in higher costs of the finished product. On the other hand, it is likewise very poor engineering to specify for the use of local materials without first making a very thorough investigation of these materials. Furthermore, such an investigation should not simply include the usual laboratory tests of these materials but should embrace a thorough examination of the deposits, method of production, quantity and uniformity as well as quality of the materials itself. These investigations should be carried on only by persons who are thoroughly qualified, through years of experience in the construction of asphalt pavements, for if they are not, the entire expenditure of the owners money is then being which is a condition never justifiable under any circumstances.

If this procedure is followed it will be possible for the Engineer to exercise great influence in the selection of type with reference to local materials if he makes a thorough investigation of the availability of materials of all kinds and then makes sure to include in his specifications a description of the type that can be constructed by using the greatest quantity of low priced material of a quality that is entirely satisfactory for the purpose intended. As soon as bids are received under these specifications the price bid on this type should be low enough to make the selection almost inevitable.

Abuse of Selection by Specification

Allow me to take two illustrations from cases that have come to my attention in our practice. In one city an engineer asked for bids upon sheet asphalt and asphaltic concrete, coarse aggregate type, (in this case called Bitulithic). The specifications for the large aggregate for the asphaltic concrete allowed the use of a very inferior grade of broken stone and as a result an aggregate was used having a toughness of only four when tested by the Page Impact Machine. To have obtained satisfactory large aggregate of broken stone for this work would have required its being shipped for a distance of over 500 miles and from another state at a very high freight rate.

On the other hand the large aggregate for use in the binder course of the sheet asphalt was described in such a way that it required an aggregate toughness of 10 and a French coefficient of wear of not less than eight and made it necessary to ship this material a distance of over 500 miles while there were good commercial deposits of gravel containing materials that would have been entirely satisfactory for that purpose within a distance of less than 50 miles. All other aggregates entering into the construction of the sheet asphalt pavement were even nearer than this with the exception of the stone dust for filler. The engineer either abused the privilege of selection by specifications and deceived the owners confidence and waster their money or he was ignorant. In this case, I believe that it was the former because he specified also that the binder for the sheet asphalt should contain 7% of limestone dust. The city is no longer a client of the engineer.

Proper Use of Selection by Specification

On the other hand, let us consider another illustration, where specifications were drawn with the intention of utilizing available materials to the greatest advantage. The City, through their engineer, adopted a specification, which incidentally is not in accordance with any of the standard specifications for large aggregate for binder construction, but is good practice and has been demonstrated as being satisfactory for the work contemplated. Through the use of these specifications, instead of the adoption of one of the standard specifications, the most economical selection was apparent to any unprejudiced party and resulted in the saving of approximately $50,000 on a two year paving program and the quality of the work did not suffer in the least detail. All the aggregates for this work were obtained within 5 miles of the improvement with the exception of the limestone filler.

In closing, however, I wish to again sound the word of warning against the adoption of any local materials or special specifications unless their adoption is thoroughly investigated by one who is unquestionably qualified to pass judgment upon their utilization for the work contemplated as it would be a serious error in policy to place the expenditure of public money, in such great quantities, upon an experimental basis and it would react against the best interests of all concerned in the construction of roads and pavements.

On the other hand I wish to draw your attention to the economic value of making thorough investigations of all sources of supply of materials for utilization in the construction of asphalt pavements.

SANITY IN BUILDING CODES

The reverse action seems to be taking place in Tacoma, Washington. It is reported that a building code has been proposed that will still further limit the use of frame structures within the fire limits of that city. Lumbermen, alarmed at the extent of the movement for fireproof structures, are crying that their competitors are striving to put them out of business. We have not seen a copy of the Tacoma building code but suppose that it is pretty much in line with codes in other modern communities.

It may be that some unusual and unwarranted restrictions have been proposed, but we know that the code that will finally be adopted will work no hardships on anyone but the builder of shoddy homes. There is no danger that lumber will be legislated out of use until it has been cut out of existance. Nevertheless, we suggest greater sanity in building codes. The proposed nation building code, recently published by the National Building Code Committee of the United States Department of Commerce, may be taken as a sane model by individual cities and communities. — American Contractor.

FIVE MILLION DOLLAR LUMBER SHIP DEAL IS CLOSED

Dissolution of the firm of Sudden & Christenson, lumber and shipping concern, and the organization of the divided interests into two new companies through a deal involving $5,000,000 in cash is announced.

Under the terms of the reorganization the old firm of Sudden & Christenson will continue in both lumber and shipping business, but will withdraw from retail trade on the Pacific Coast. The other branch of the firm, to be known as the Sudden-Heitman Lumber Company, will conduct a similar business to the other new concern.

The division was brought about through the desire of the widows of Edwin A. Christenson and Charles E. Sudden, founders of the firm, to separate. The widow of the latter, now Mrs. William Heitman, forms her holdings and those of her children into the Sudden-Heitman Lumber Company, which is capitalized for $2,500,000. Mrs. Christenson's interests become the firm of Sudden & Christenson, also incorporated for $2,500,000.

In the division Mrs Heitman received three of the lumber steamers operated by the concern, the retail lumber yard as Sixteenth and Mariposa streets and $1,000,000 in cash. Mrs. Christenson received three lumber steamers and mill interests in the North and the shipping agencies operated by Sudden & Christenson.

The deal was closed by Philip Erlich, attorney for the Sudden-Heitman Lumber Company, and William Humphrey, counsel for Mrs. Christenson. According to Erlich, the headquarters of both companies will remain in San Francisco, and the Sudden-Heitman Company will expand, having already made plans for the purchase of two more steamers for use in the coastwise lumber trade.

ORGANIZATION NEWS

(Continued from Page 5)

PEACE REIGNS IN SACRAMENTO PLUMBERS CONTROVERSY

The difficulty arising between Sacramento city officials and Master and journeymen plumbers over the proposed changes in the plumbing ordinance have been eliminated through conferences held by City Manager Bottorff, Dr. Geo. Hall, city health officer and plumbers of both classifications.

The ordinance, as re-written, fills nineteen typewritten sheets. It will be submitted to the council for final adoption at a meeting in the immediate future, after having been declared satisfactory by those who will work under its provisions.

The section of the proposed law drawing the most comment was that providing for examinations for all followers of the plumbing trade. The examing board will consist of five members, the city engineer, the city health officer, the city plumbing inspector and a master and journeyman plumber, each with not less than five years' experience The master plumbers first objected to the personnel of the examining board, but have since agreed to the arrangements

The rewriting of the ordinance, one of the oldest on the city's statute books, was necessary from the standpoint of health and sanitation. Bottorff declared. The ordinance as it has been prepared and passed upon covers plumbing work in all its phases from the installation of the general plumbing equipment to the most technical points of the trade.

Stockton Exchange Secretary Tells Purposes Of Organization

Karl A. Perkins, secretary of the Stockton Builders' Exchange, is giving the inhabitants of the San Joaquin Valley some instructions, via the newspapers, that tend to do considerable good for the public and at the same time bring about better conditions in the construction industry in that section.

Lesson No. 1, discusses the "irresponsible bidder," and the purposes of a Builders' Exchange:

"An irresponsible person is one who fails to render satisfaction in one way or another. The degree of irresponsibility depending entirely upon the degree of ability to render service or satisfaction. Therefore, many of the contractors who now pride themselves on being 100 per cent had better go over every item which constitutes responsibility and see if there is not at least one thing in which they are irresponsible.

"A responsible contractor is one who offers service, not only in one or two things, but in every possible function comprising the contracting business.

"What are these important essentials which a responsible contractor must have? A few of them are: Capital, experience, business training, ability to purchase and hire, good judgment, intelligence, self control, integrity, faith, organization, equipment and a sense of justice.

A responsible contractor visualizes a project and then carries his vision into an object or reality. He does not allow the dollar to obscure his vision in producing a commendable structure. He must be a medium through which construction work is economically and accurately done.

"A responsible contractor interprets incomplete plans and specifications in the light of his practical experience and violates no confidence placed in him.

"Responsibility must include: Knowing how to prepare an accurate estimate; taking care of all overhead expenses and contingencies.

"A responsible contractor seeks to gain and hold public confidence.

"Now as to the 'Elimination of the Irresponsible Contractor.' How can this be done. My answer is, by education. By that I mean, not a broad education of technical sciences, but teaching men to use common sense fairness in their business.

"We must educate the contractor who is now irresponsible, so that he can become responsible if he is a willing subject.

"There are two avenues through which the Builders' Exchange can and is carrying on this educating program. One is, that the bigger men and more experienced contractor of the Builders' Exchange can give to the individual members their ideas, that are worth thousands of dollars to men that will really take then and digest them, second, following out the same thought of the exchange of ideas and experience, which may be gleaned from the Master Builders' Association of the Exchange at their weekly meetings, which takes the form of educational and instructive talks. Through these means we must so carry on our work, that the evolution of irresponsible men can be plainly traced.

"The best medium through which to reach the building public is our daily papers. If we are to be given any consideration at all, those who contemplate building must select bidders who are responsible. They must not allow bids of men who are not responsible to be held as a club over the heads of those that are, in order to get the price down. We are up against it time and time again where the builder does not pick his contractor. He gets men to figure jobs that are beyond them. They make errors and mistakes all the way through and come out with a low bid. The building public must recognize the effort we are putting forth to bring irresponsible men to their senses, and through them only will we reach the end we are striving for, which is, to place the building business on a firmer and more legitimate business base.

"If you trace the failures in the contracting business, you will find the greater part of them are due to the lack of experience, judgment and honesty rather than to lack of capital. Experience and judgment will not overstep the limits of capital. It is entirely possible to acquire money over night, but most of the other qualifications must be obtained by hard and honest effort.

"If this association is to live we must show and prove to all persons that the requirements for each member is that he be responsible for and render satisfaction in all matters appertaining to his business. If he fails, we fail."

PACIFIC COAST PORT OFFICIALS ELECT OFFICERS

Col. George Lamping, president of the Port of Seattle Commission, was appointed president, and Geo. F. Nicholson, chief engineer of the Port of Seattle, secretary, of the Pacific Coast Association of Port Authorities, which closed its annual convention at Seaside, Oregon, Sept. 15. The next annual meeting of the port body will be held at Seattle in September, 1924.

Officers for the ensuing year were elected as follows: Colonel George Lamping, Seattle, president; Albert E. Carter, Oakland, first vice president; S. L. Trenter, Vancouver, second vice president; F. C. Knapp, Portland, third vice president; B. F. Stone, Astoria, fourth vice president. M. A. Graham, San Diego, fifth vice president; G. F. Nicholson, Seattle, secretary.

The feature of the convention was an address by A. F. Haines, vice president of the Admiral Oriental line, on "The American Steamship and Its Future Prospects." Mr. Haines pointed out the difficulties confronting the American Merchant marine and the forces it must combat in competition with foreign lines.

Another interesting talk was that of Traffic Manager W. S. Cahill of the Port of Seattle on the subject, "Uniformity of Wharfage and Handling Charges and the Benefits Derived from Port Co-operation."

SACRAMENTO MASTER PLUMBERS IN NEW QUARTERS

The Sacramento Master Plumbers' Association has moved to larger quarters at 910 Ninth street, Sacramento. The move was made to accommodate the growing membership.

The new location consists of a suite of four rooms, one of which is rented to an electrical association. There is a small office in which the secretary, Wm. W. Mott, holds forth. The meeting hall is 25x50 feet, has a high ceiling, an open fireplace and is handsomely decorated and furnished. The banquet hall, 16x27 feet, will seat eighty people.

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $10,600
SAN JOSE, Santa Clara Co., Cal. NE Race St. and Park Ave.
All work except interior framing and finishing of 2nd floor and furnishing, cutting and drilling ready to be placed of all steel and iron work for two-story brick and frame store and apartment building.
Owner—A. Leutza, 8 Grand St., San Jose.
Architect—None.
Contractor—Jorgensen & Thomy, 651 Prevost St., San Jose.

Sub-Figures To Be Taken Shortly—Steel Contracts Awarded.
APARTMENT BLDG. Cost, ——
SAN FRANCISCO, Cal., S Green 223 E Jones.
Ten-story and basement class "B" reinforced concrete apartment bldg. (10 6-room apts.).
Owner—Dr. C. R. Bricca.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Structural steel awarded to the Central Iron Works.
Reinforcing steel to Edw. L. Soule.

Contract Awarded.
2-APARTMENT BLDGS Cost, $14,500 ea
OAKLAND, Cal., SE Racine St., & Alcatraz Ave.
Two 2-story, 16 rooms, frame apartments bldgs., and garages.
Owner—Nellie C. Biltz, Oakland, Cal.
Contractor — California Builders Co., 1534 Franklin St., Oakland, Cal.

Contract Awarded.
APT. HOUSE Cost, $30,973
OAKLAND, E Bellevue 125 N Grand Avenue.
Three-story frame and stucco apartment house (6 4 & 5-room apts. & tile garage.
Owner—W. L. Harbach, 432 Bellevue, Oakland.
Architect—Louis M. Upton, 454 Montgomery St., S. F.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., San Francisco.

Low Bidder.
APARTMENTS. Cost $30,000
OAKLAND, Piedmont Ave.
Three-story and basement frame and brick veneer apartment house.
Owner—Lawrence Jensen.
Architects — Schirmer - Bugbee Co., Thayer Bldg., Berkeley.
Low Bidder—C. W. Short, 574 Rosal Ave., Oakland.
Separate contracts will be let for hardware, gas, radiators, light fixtures and linoleum.

Contract Awarded.
APT. BUILDING. Cost $35,000
BERKELEY, 1770 Arch St.
Two-story frame ,stucco and brick apartment building.
Owner—J. O Davis.
Architect—W. H. Ratcliff Jr., 1st National Bank Bldg., Berkeley.
Contractor—H. P. Nelson, 1947 Blake St., Berkeley.

Contract Awarded.
APT. BLDGS Cost $11,000 each
OAKLAND, N 41st St. 140 & 178 E Telegraph Ave.
Two 2-story frame frame 12-room apt. buildings.
Owner—C. J. Baley.
Contractor—J. W. Swift, 6073 Claremont Ave., Oakland.

Plans Completed.
ALTER & ADD Cost, $40,000
SAN FRANCISCO, Adjoining No. 2919 Mission St.
Alter and add to 3-story frame bldg. for a 4-story apartment and undertaking establishment (12 3-room apts) pressed brick exterior.
Owner—Fred Suhr, 2919 Mission St., San Francisco.
Architect—Edw. G. Bolles, 233 Post St., San Francisco.

LOS ANGELES, Cal.—L. Leroy Moser 8335 Sunset Blvd., is preparing plans and will build a 2-story brick store and apartment bldg. at 5961-71 Sunset Blvd. for Chas. H. Crawford. It will be 200x60 ft. A. 40-unit bungalow court will be erected on the remainder of the site. The bungalows will be frame and plaster construction. Total cost, $200,000.

LOS ANGELES, Cal—Application will be made shortly for a building permit for erecting the California, a $200,000 5-story and basement class B brick and steel own-your-own apt. bldg. in 300 block on W 3rd St., for Val. Lester and Hilliard Bros., 100 rms. in 49 apts. Found., 44x143 ft., lobby, smoking rm., amusement rm., billiard rm., community kitchen, incinerator, refrig. plant, laundry, lockers, shower and trnnk rms. Face brick and terra cotta exter., comp. rf., hardwd. fls., tile lobby, tile and marble entrance, fire escapes, ornam. iron balcony and grilles, marquise, aut. electric elevator and dumb waiter, tile baths and drainbds., probably part hardwd. trim, steam heat, dis. beds. Joseph H. Roberts, 312 Marine Bank Bldg., prepared the plans.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., has completed plans and is taking bids on gen. contr. for a 4-story class C hotel bldg., to be erected at 910 W 10th St., for Mrs. Thoma; will contain 95 rms. with 70 per cent baths and large lobby. Brick walls, basement, 48x162 ft., comp. rfg., O. P. tile and hardwd. fls., press. brick facing, steel sash, plate and wire glass, elec. elevator, storage water htr., struc. steel, metal lath, ornam. iron work, steam htg. system.

OROVILLE, Butte Co., Cal. — Lawrence Gardella, Oroville, awards contract to John Johnson, Oroville, to construct addition to O. A. Peter Building at 406 Montgomery street to contain 23 modern apartments. The work is estimated to cost $20,000.

LOS ANGELES, Cal.—Webster and Chrisler, 500 Markham Bldg., Hollywood Blvd., nr. Cahuenga Ave., has prepared sketches for a $350,000 6-story store and apt. bldg. to be erected at Gardner St. and Sunset Blvd. for Antone Sontout. Edmund Grupp 1614 Hudson St., owner's agent. One hundred and sixty apts. Stucco exter., tile rf.

LOS ANGELES, Cal.—T. B. Stewart Constr. Co., 1005 Bank of Italy Bldg., has the contract at about $125,000 to erect a 2-story store, postoffice and apt bldg., to cor. of 35th St. and Vermont Ave., for Dr. A. O. Evans; will contain 6 stores, substation postoffice and several apts. Brick walls, 2-story and part basement, 120x120 ft., tile and comp. rfg., terra cotta trim., cem., tile and hardwd. fls., gas rads., aut. water htrs., plate glass, metal store fronts, tile baths and drainbds., wall beds, O. P. trim. Plans by William A. Allen, 1005 Bank of Italy Bldg.

BONDS

SELMA, Fresno Co., Cal.—Bonds of $18,000 voted to finance purchase of fire fighting equipment and reconstruction of present fire station.

RICHMOND, Contra Costa Co., Cal.—City council contemplates bonds issue of $150,000 to finance construction of municipal hospital and $50,000 for municipal swimming pool. Election will probably be held Nov. 6. A. C. Faris, city clerk of Richmond.

ESPARTO, Yolo Co., Cal.—Esparto Grammar School District votes bonds of $22,000 for school to replace structure recently destroyed by fire. Geo. C. Sellon & Co., architects, Mitau Bldg., Sacramento. Will be rein. conc. construction with tile roof and tile partitions.

COMPTON,, Cal.—City sells $117,000 bond issue to finance water works and sewer construction and erection of new city hall and library.

GRIDLEY, Butte Co., Cal.—Election will be held Oct. 6 in Gridley Union High School District to vote bonds of $150,000 to finance construction of new high school. Geo. C. Sellon & Co., Mitau Bldg., Sacramento, are the architects.

EUREKA, Humboldt Co., Cal.—Until Oct. 9, bids will be rec. by county supervisors for purchase of $10,000 bond issue of Fields School District; proceeds of sale to finance school improvements.

CHURCHES

Contractor Taking Sub-Figures.
CHURCH Cost, $125,000
STOCKTON, San Joaquin Co., Cal.
Masonry church.
Owner—First Christian Church.
Architect—Robert H. Orr, 1305 Corporation Bldg., Los Angeles.
Contractor—H. W. Johnson, 121 Lexington Ave., Stockton.
The architect will take bids on art glass and seating.

SANTA ROSA, Sonoma Co., Cal.—Christian Church of Santa Rosa will campaign for funds to finance construction of a Bible school annex and cottage to be used as parsonage; est. cost, $15,000. Bible school will be 40 by 60 ft., annex to present church will be two stories in height, the upper floor to be used as gymnasium and social hall.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS $1.25 Net F.O.B. SF
Contains 60% Crude Carbolic Acid in Insoluble Form
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF
PHONE SUTTER 5097

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

EAST SAN DIEGO, Cal.—Arthur G. Lindley and Chas. Selkirk, assoc., 800 American Bank Bldg., have completed plans for a new church bldg. to be erected at East San Diego for the Fairmont Methodist Episcopal church, W. D. Moyer, East San Diego, in charge. It will have an auditorium to seat about 800 people, classrms, social hall, kitchen, organ and choir loft; frame and plaster constr., 2-story, tile and comp. rfg., O. P. fls., gas rads., water htr., O. P. and hardw. inter. trim, ornam. iron work, pipe organ, art and stained glass. Owner taking bids on sub-contracts.

SOUTH PASADENA, L. A. Co., Cal.—Archt. George M. Lindsey, 329 Laughlin bldg., has completed plans for a new church bldg., to be erected at cor. Fremont and Oxley Sts., for the South Pasadena Calvary Presbyterian Church. It will contain an auditorium, 48x96 ft to seat 500 people and a Sunday school section, 2-story, 50x72 ft; brick constr., tapestry brick facing, cast stone trim, slate or asbestos rfg., pine and oak trim, art glass, gas steam rad. htg., ventilating system. Bids to be taken soon.

SACRAMENTO, Cal.—Building Committee has been appointed by Fremont Park Presbyterian Church to work out plans to erect $75,000 edifice to replace structure recently destroyed by fire Of total amount required, $11,000 is available through insurance. Rev. R. B. McAuley, pastor, has appointed the following as a building committee: A. L. Rainey, chairman; J. A. Brown, Mrs. C. H. Farrell, Mrs. Laura Bird, and Irving Rivett.

LOS ANGELES Cal.—Archt. Albert C. Martin, Higgins Bldg., has completed plans and is taking bids on the gen. contr. for erecting the new church at Adams and Figueroa Sts. for St. Vincent's Church. Bids on other contracts will be taken after general bids are received. The bldg. will be Spanish style and will cost $500,000. It will be 50x225 ft., brick and reinf. concr constr., stone facing, part glass, tile rfg., stone inter. trim, marble and tile work, staff ornam., direct and indirect steam htg., pipe organ. There will also be a tower 150 ft. high, of reinf. concr. constr. with stone facing.

FACTORIES AND WAREHOUSES

Plans Completed.
ADDITION Cost, $25,000
SAN FRANCISCO, 2140 Folsom St.
One and 2-story reinforced concrete addition for dye room, loading rm., and wrapping room.
Owner—J. Allec, 26 Montgomery St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., S. F.

Contract Awarded.
ICE CREAM PLANT Cost, $34,000
OAKLAND, 5th Ave., & E 11th St.
One-story brick milk and ice cream plant.
Owner—Mutual Creamery Co., 3724 E-14th St., Oakland.
Architect—A. W. Smith, American Bk. Bldg., Oakland.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.

Steel Contract Awarded —Sub-Figures To Be Taken Shortly.
ADDITION Cost—
OAKLAND, Foothill Blvd. and 69th Ave
One-story and basement reinforced concrete addition to automobile factory.
Owner—Chevrolet Motor Co. of California, premises.
Architect—Engr. Dept. of owner.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., S. F.
Steel awarded to Herrick Iron Works, Oakland, Cal.

Contract Awarded On a Cost-Plus Basis
ALTERATION Cost, $10,000 approx.
SAN FRANCISCO 806 Buchanan St.
Altering 2-story brick warehouse.
Owner—J. B. Van Nuys, Los Angeles.
Engineer—C. Heller, 57 Post St.
Contractor—W. D. Henderson, Monadnock Bldg., S. F.

Permit Applied For.
FACTORY & WAREHOUSE $40,000
FRESNO, Fresno Co., Cal., 3035 Butler Ave.
One-story hollow tile and concrete factory and warehouse.
Owner—Independent Paper Stock Co., 3035 Butler St., Fresno.
Engineer—Leland Rosener, Insurance Exchange Bldg., S. F.
Contractor—K. E. Parker Co., Clunie Bldg., San Francisco.

Contract Awarded.
WAREHOUSE Cost, $84,000
SAN FRANCISCO, SE Vermont & 15th Streets.
One-story concrete warehouse.
Owner—Western Pacific Railway Co., Mills Bldg., San Francisco.
Architect—Chief Eng. of Western Pac. R.R. Co., Mills Bldg., S. F.
Contractor—Mahony Bros., Flood Bldg., San Francisco.

Plans Being Figured—Bids Close Sept. 25, 1923.
FACTORY BLDG. Cost, $45,000
SAN FRANCISCO, NE 8th and Heron street.
One-story reinforced concrete mattress factiry.
Owner—Merton J. Price, Flood Bldg.
Architect—Dodge A. Riedy, 850 Pacific Bldg.
Figures are being taken for a general contract.

Sub-Contracts Being Awarded—Figures Being Taken.
STORAGE BLDG. Cost, —
SAN FRANCISCO, NE Geary & Emerson Sts.
Seven-story reinforced concrete storage building.
Owner—Bekins Fireproof Storage Co., 13th and Mission Sts., San Francisco.
Engineer — Edw. T. Flaherty, I. W. Hellman Bldg., Los Angeles (deceased).
Contractor— Clinton Construction Co., 923 Folsom St., San Francisco.
Sub-figures are being taken. The following contracts have been awarded.
Reinforcing steel to W. S. Wetenhall Co., 17th and Wisconsin Sts.
Lumber to MacDonald Lumber Co., Channel & 4th Sts.

Low Bidders
FOUNDRY Cost, $70,000
SAN FRANCISCO, Spear and Folsom Streets.
One-story steel, concrete and corrugated iron foundry 137x275.
Owner—Great Western Smelting & Refining Co., 75 Folsom St., S. F.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
General Contract — Hayes-Oser Co., Call Bldg., S. F.
Steel—Western Iron Works, 141 Beale St., San Francisco.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

Contract Awarded.
ADDITION Cost $25,000
SAN FRANCISCO, 2140 Folsom St.
One and 2-story reinforced concrete addition for dye room, loading rm., and wrapping room.
Owner—J. Allec, 26 Montgomery St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., S. F.

Plans Completed.
FACTORY Cost, $9000
OAKLAND, 880 60th St.
One-story factory.
Owner——Pacific Enameling & Mfg. Co., premises.

LOS ANGELES, Cal.—Archt. John M. Cooper, 321 Marsh-Strong Bldg., has completed plans and is taking bids for a 4-story class A loft bldg. to be erected at n.e. cor. 11th St. and Santee St., for the Electric Corp. Dimensions, 55x150 ft., plaster exter., reinf. conc. const. plate glass, steel sash, comp. rfg., elevator, gas htg., spiral chute; $100,000.

MADERA, Madera Co., Cal. — Dean Bros., Madera (contractors) will erect for themselves a planing mill and cabinet shop in South D Street and will install new equipment costing approx. $3000.

PLACERVILLE, El Dorado Co., Cal. —Construction will be started immediately on new box factory for S. G. Beach and Sons; est. cost $35,000, including equipment. Original plant was recently destroyed by fire.

LOS ANGELES, Cal.—Austin Co. of Cal., 731 Bartlett Bldg., have been awarded the contract at $88,600 to erect a steel frame shed for cotton compress at Municipal Pier No. 1, for the Harbor Commission.

WILLOWS, Glenn Co., Cal.—Valley Hemp Mills, Inc., represented in Willows by W. P. Hume, fiscal agent, will erect its first hemp mill in the Artois section, a site comprising 2500 acres having been leased. G. R. Wolf and W. L. Wolf of San Francisco, are interested in the project.

RIVERSIDE, Cal.—See "Theatres," this issue.

LANKERSHIM, L. A. Co., Cal.—See "Theatres," this issue.

CUDAHY, L. A. Co., Cal.—Zellerbach Paper Co., Los Angeles, will start work immediately on a paper mill on a 25-acre property in Cudahy bounded by Santa Ana Ave., Independence Ave. and Otis St., recently purchased from F. W. Braun. The cost of the plant will be about $2,000,000. J. Y. Baruh is mgr. of the Los Angeles office. The factory will be operated by the National Paper Products Co., a subsidiary of the Zellerbach Co.

SAN FRANCISCO—The State Board of Harbor Commissioners opened bids on Sept. 20th and awarded the contract for recoating roofs of sheds on Piers No. 41 & 46. Bids were as follows:
Malott & Peterson.....$1.86 a sq.
Bender Roofing Co..... 1.95 a sq.
Alta Roofing Co..... 2.30 a sq.
Knight Roofing Co..... 2.45 a sq.
The contract was awarded to Malott & Peterson, 2412 Harrison St., S. F.

LOS ANGELES, Cal.—Bavin & Burch Co., 173 E Jefferson St., has the contr. at $301,000 for erecting a 13-sto. class A store and loft bldg. on the east side of Hill St., bet. 7th and 8th Sts., for W. W. Paden. Chas. G. Willis has the contract for excavating and Otis Elevator Co. has the contract for elevators. Total cost, $350,000. E. L. Mayberry, 472 Pac. Elec. Bldg., archt. and engr. The bldg. will be 60x150 ft., reinf. conc. constr., press. brick and terra cotta facing, plate glass, marble and tile work, steam htg.

AZUSA, Cal.—Union Rock Co. has secured permit for buildings and const. work at its plant costing $50,000. Rebuilding will be of steel and conc. type. This sum is for construction only and much new machinery will be installed.

LOS ANGELES, Cal.—Climax Engineering Co., of Clinton, Iowa, manufacturers of Clinton refrigerating machinery, plans the erection of a $100,000 plant in the vicinity of Los Angeles for the manufacture of its products to supply the Pacific Coast territory.

ALHAMBRA, Cal. — Southern California Edison Co. has started work on its new $800,000 general store plant at Marengo and Mission Aves., Alhambra. There will be 7 bldgs., including a main storage warehouse 200x500 ft., 2 shop bldgs., 120x260 ft. each, open storage shed 120x400 ft., warehouse 100x100 ft., repair shop bldg., 50x260 ft. They will be steel frame constr., 1-story and 2-story corru. iron walls and rf., monitor rf. constr., cement flrs., steel sash, wire glass, sprinkler sys., overhead cranes 100,000 gal. steel water storage tank, plaster fronts, lockers, loading platforms. The total fl. area of all the bldgs. will be about 5 acres. The following sub-contracts have been let for the work: Sprinkler sys., Thos. Haverty Co., 8th St. and Maple Ave.; plumbing, Arthur Hess, 1614 S Flower St.; struc. steel, Llewellyn Iron Works, Main and Redondo Sts.; sheet metal, California Cornice Wks., 1620 N Spring St.; steel sash, Trueson Steel Co., 1480 E 4th St. Bids to be taken on elec. wiring and painting soon.

LOS ANGELES, Cal. — Archt. O. M. Warner, 220 Stimson Bldg., has completed plans for a 2-story and mezzanine fl., store and factory bldg., at s.w. cor. 16th and Bonnie Brae Sts. for the Max Roth Cigar Co. Brick walls, 2-sto. and basement, press. brick facing, plate and wire glass, cement and O. P. fls., reinfg. conc. sidewalk, wood roof trusses, struc. steel, metal skylights, steel sash,, ornam. iron gates; there will be 2 stores and factory. P. J. Bolin, Builders Exchange, 500 Stimson Bldg., has the general contract.

FLATS

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO. S Grove 156-3 W Ashbury St.
Two-story and basement frame (5) flats.
Owner—Dr. Chas. B. Hobrecht.
Architect—John H. Merz, 273 Lily Ave., San Francisco.
Contractor—Ed. Zinkand & Son, 434 10th Ave., San Francisco.

To Be Done By Day's Work.
FLATS Cost, $12,000
SAN FRANCISCO, NW Cabrillo St. & 21st Avenue.
Two-story & basement frame (4) flats.
Owner—Nick Hemminga, 705 22nd Ave. San Francisco.

Contract Awarded.
STORE & FLAT Cost, $11,000
MENLO PARK, San Mateo, S. F. Highway.
Two-story store and flat bldg.
Owner—James Artino.
Contractor — Frank E. Caine, Menlo Park.

Contract Awarded.
FLATS. Cost $11,000
OAKLAND, E. Grand Ave., 400 N. Weldon.
Two-story 11-room frame flats.
Owner—Misses Callaghan, 1117 8th St., Oakland.
Contractors—Sommarstrom Bros., Inc., 306 14th St., Oakland.

To Be Done By Day's Work.
FLATS Cost, $14,000
SAN FRANCISCO, E Landers 210 N 15th.
Three-story and basement frame (6) flats.
Owner—Mrs. V. Stanquist, 63 Locust St., San Francisco.

Contract Awarded.
FLATS Cost, $12,000
SAN FRANCISCO. W Franklin St. 35 S Broadway.
Two-story and basement frame (2) flats.
Owner—The Union Trust Co. or San Francisco, Trus. of Mrs. Bertha Zadig
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—M. E. Greene, 180 Jessie St., San Francisco.

Contract Awarded.
FLATS Cost, $12,000
BERKELEY, 2107-9-11-13 Hearst Ave.
Two-story 16-room frame flats.
Owner—Chas. Dull.
Contractor—J. E. Bigelow, 2234 Atherton, Berkeley.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, S California 32-6 W 26th Avenue.
Two-story & basement frame (2) flats.
Owner — Panagiotis Evergetis, 6301 California St., San Francisco.
Architect & Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost $11,770
OAKLAND, S. County line from Oakland and NW 41st Ave.
1-story tile and brick garage and sales rooms.
Owner—D. M. Heagerty, 4100 E. 14th St., Oakland.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.
Contrtctor—Geo. Smith, 3315 E. 23d St., Oakland.

Contracts Awarded.
GARAGE Cost, $40,000
SAN FRANCISCO, S Bush 100 E Franklin St.
Two-story and basement concrete garage.
Owner—Joseph Pasqualetti, 785 Market St., San Francisco.
Engineer—Pierre Zucco & Co. 116 Geary St., San Francisco.
Contractor — American Concrete Co., 785 Market St., S. F.
Grading awarded to the San Francisco Motor Drayage Co.
Reinforcing steel to Gunn-Carle.
Lumber to Loop Lumber Co.

LONG BEACH, Cal.—Austin Co. of Cal., 737 Barlett Bldg., is preparing plans for a 2-story auto sales and garage bldg. to be erected at 20th St. and American Ave. for C. B. Bellows, Dodge Auto Sales Agency. Brick walls, 120x170 ft., press. brick facing, comp. rfg., tile and cement fls., art stone trim.

LOS ANGELES, Cal.—George G. Stuart, 418 Lissner Bldg., has completed plans and has the contract to erect one-story Class A garage building at 1313 Maryland St., for Dr. D. E. Foster. Reinforced concrete construction, 62x140 ft., reinforced concrete slab roof construction, cement floor, plate glass, concrete exterior walls, roof to be used for tennis court and roof garden.

SACRAMENTO, Cal.—Wm. Gerken, 1529 34th St., Sacramento, has filed application with city council for permit to install 20,000-gallon gasoline tank.

LOS ANGELES, Cal.—Walter Slater Co., 2314 Santa Fe Ave., has the contract at $112,500 to erect a 1-story and part 2-story garage and office bldg., at 1021 N Virgil St. for the L. A. Motor Bus Co., 806 L. A. Ry Bldg. Dimensions 211x174 ft., press. brick facing, reinf. conc. fls., brick walls, comp. rfg., hydro-elec. elevator, steel sash, wire and plate glass, wood roof trusses, steel rolling doors, metal skylights, auto washer, gas steam rads, cement and O. P. fls., struc. steel, sprinkler sys, lockers; there will be offices, repair shop, waiting rms., rest rms. and ticket offices. Plans by owners' engr. dept.

SAN PEDRO, L. A. Co., Cal.—A. Godfrey Bailey, 410 Junior Orpheum Bldg., is completing plans for a 1-story garage and auto sales bldg., to be erected at cor. 13th and San Pedro Sts., San Pedro, for L. J. Harris. Brick walls, 50 by 140 ft., comp. rfg., tile and cem. fls., press. brick facing, plate glass, steel sash, metal skylights, wood roof trusses. Triangle Constr. Co., 31 Sepulveda Bldg., San Pedro, will be the contractor.

SANTA MONICA, L. A. Co., Cal.—Le Roy Moser, Santa Monica, has the cont. and has started work on a 1-story garage bldg. at Santa Monica, for Claude C. Haworth. Plans by A. Godfrey Bailey 410 Junior Orpheum Bldg. Brick walls, 100x150 ft., press brick facing, terra cotta trim, comp. rfg., tile and cem. fls., wood roof trusses, steel sash, metal skylights, plate glass, ornam. iron work, mezzanine fl., sawtooth roof construction.

GOVERNMENT WORK AND SUPPLIES

Plans To Be Prepared.
BUILDINGS Cost, $600,000
FORT DOUGLAS, Utah.
Group of 15 brick buildings, with tile roof, for training camp.
Owner—U. S. Government.
Architect — Constructing Quartermasters Office, Fort Mason, Cal.

Plans Being Figured—Bids Close Sept. 29, 1923, 11 a. m.
ADDITION Cost, $15,000
FORT MASON, Cal., Letterman General Hospital.
Two-story concrete wing addition to Receiving Wharf and Clinic bldg. now under construction, to be known as the dispensary and dental clinic.
Owner—U. S. Government, ters Office, Fort Mason.
See "Notice to Contractors" under Official Proposals.

Plans Complete—Figures To Be Taken Shortly.
ANCHORAGE, Alaska.
BUILDINGS Cost, $700,000
Two Company Post frame construction with concrete basement, shingle roof and double windows.
Owner—U. S. Government.
Architect — Constructing Quartermaster's Office, Fort Mason.
The buildings to be erected are as follows:
13 office quarters.
1 administration building.
1 guard house.
2 barracks.
1 recreation hall.
1 hospital.
1 hospital stewarts quarters.
6 non-commissioned officers quarters
Powerhouse and central heating sys.
Coal shed.
Stables.
Storage shed.
Oil house.
Water system.
Sewer system.
Lighting system.
Roads, etc.

PORTLAND, Ore. — Following bids rec. by U. S. Engineer Office, Portland, to const. and del. six 120 by 34-ft. x 7-ft. 6-in. steel barges:
Item 1, bid per barge; 2, total bid for the six.
Todd Drydock and Construction Corporation, Tacoma, Wash., item 1, $19,-150; 2, $114,900, recommended for acceptance.
Smith & Watson Iron works, Portland, Ore., item 1, $25,950; 2, $155,700.
Albina Marine Iron Works, Inc, Portland, Ore., item 1, $29,975; 2, $179,850.
Seattle Boiler Works, 1228 N. 45th St., Seattle, Wash., item 1, $30,000; 2, $180,000.
Penn Bridge Co., Beaver Falls, Pa., item 1, $30,200; 2, $181,200.
W. B. Kyle, 609 I. W. Hellman Building, Los Angeles, Calif., acting for Ritter Conley Co., Pittsburgh, item 1, $32,200; 2, $193,200.
Bethlehem Shipbuilding Corporation, Ltd., 20th and Illinois Sts., San Francisco, item 1, $49,619; 2, $297,710.

SAN FRANCISCO—Until Oct. 4, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4833-496, for fur. and del. Rio Vista, Solano County: 6 pcs. Oak, 1½-in. dia. by 16-ft. long, for use as boat hooks; 750-ft. 1x4-in. No. 2, Clear Pine flooring; 20 pcs. 2x12-in.x20-ft. No. 2, Clear Pine S4S; 50 pcs. 2x4-in. by 10-ft. No. 2 Clear Pine, S4S; 24 pcs. 1x6-in.x10-ft. No. 2 clear pine, S4S; 2 doors, 6-ft. 6-in. x30-in. r.w.; 4 doors, 6-ft. 8-in. by 28-in. r.w.; 4 screen doors, 6-ft. 8-in. by 28-in.; 14 window sash, 4 light, glazed, 30-in. sq.; 14 window frames for above sash; 2 pcs. 2x4-in.v36-ft. No. 2, clear pine, S4S. Further information on request.

KLAMATH FALLS, Ore.—Following bids rec. by Bureau of Reclamation to const. Gerber Dam, Claymouth project:
Item 1, 10,000 cu. yds. excavation; 2, 800 cu. yds. backfill; 3, 500 cu. yds. plain backfill; 4, 1400 ft. drilling and grouting foundation; 5, 4400 cu. yds. sand; 6, furnishing all material except metal, unloading and hauling cement, etc.; 7, unloading, hauling, and placing 48,000 lbs. reinforcing steel; 8, unloading, hauling, and placing 58,000 lbs. gates, valves, pipes, etc.; 9, total; 10, total excluding item 5.
A. Guthrie & Co., Portland, Ore., item 1, $30,000; 2, $2200; 3, $1000; 4, $2800; 5, $27,500; 6, $152,000; 7, $1440; 8, $4060; 9, $221,000; 10, $193,500.
Morrison-Knudsen, Boise, Idaho, item 1, $45,000; 2, $1600; 3, $750; 4, $3500; 5, $—; 6, $123,025; 7, $2400; 8, $3480; 9, $179,755; 10, $179,755.
Dunn & Baker, Claymouth Falls, Ore. item 1, $38,600; 2, $1600; 3, $850; 4, $4410 6, $168,150; 7, $2400; 8, $2900; 9, $218,-910; 10, $218,910.
W. D. Miller, Claymouth Falls, Ore., item 1, $30,000; 2, $1000; 3, $250; 4, $4200; 5, $36,300; 6, $109,250; 7, $2880; 8, $2900; 9, $186,780; 10, $150,480.

SAN FRANCISCO — Following bids rec. by U. S. Engineer Office, Customhouse, for dredging in Oakland Harbor, Calif., under Circular 2435, involving approximately 795,500 cu. yds.:
American Dredging Co., 255 California St., San Francisco, 23.2c; total, $184,556; recommended for acceptance.
San Francisco Bridge Co., 14 Montgomery St., San Francisco, 25.8c; total, $205,239.

PEARL HARBOR, T. H.—Until Nov. 7, 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., to const. extension to building at Naval Operating base (Submarine base), Pearl Harbor. Project includes plain and rein conc. piles; concrete blocks; wood sash, doors and finish, built-up roofing; sheet metal work; steel door frames; monorail and trolleys; hardware; painting and glazing; drains and electric lighting. Specification No. 4910. Plans obtainable from Commandant at Mare Island Navy Yard, Calif., on deposit of $10. **See call for bids under official proposal section in this issue.**

WASHINGTON, D. C.—Until Oct. 12, 10:30 a. m., bids will be rec. by Purchasing Agent, Panama Canal, under Circular No. 1558, for fur. and del. Balboa (Pacific Port): manganese steel pinions motors, fans, wire and cable, electrical fixtures, lamp sockets, ridge roll, miscellaneous hardware, pierce pins, plumbers' furnaces, water buckets, garbage cans, corn brooms, brushes tire hose, metallic tapes, grindstones & frames, wood handles, asbestos gloves, water coolers, watergauge glasses, crucibles, sash cord, crayons, billiard balls, Parson's brass, pig iron, coke, fire clay furnace cement, rod-cup grease and grease cups, rosin, pitch, bituminous cement, asphalt varnish, pine-tar oil, shellac, paint remover, putty, zinc oxide, chrome yellow, sienna, red lead, mercuric oxide, Indian red barium sulphate and black enamel. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

PEARL HARBOR, T. H.—Until Nov. 7, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No 4910 to const. extension to battery storrage and overhaul building at Pearl Harbor, T. H. Deposit of $10 req. for plans obtainable from Bureau.

SAN FRANCISCO — Following bids rec. by U. S. Engineer Office, Customhouse, for dredging in Petaluma creek under circular 2434:
Item 1, section A, 250,000 cu. yds; 2, sections B, C, and D, 77,000 cu. yds.
American Dredging Co., 255 California St., San Francisco, item 2, 22c; total, $24,640.
San Francisco Bridge Co., 14 Montgomery St., San Francisco, item 1, 9.6c; total, $24,000; alternative bid if maximum pipe line length be changed to 1200 ft. or if United States furnishes pontoons and pipe line required beyond 1,100 ft., bidder will do the work for 7.6c cu. yd.; total $19,000.
DENVER, Colo. — Until Oct. 6, bids will be rec. by U. S. Reclamation Service to erect telephone line 18 miles long from valley draining pumping plant to B lift pumping plant and a line 10 miles long from B lift plant to Yuma headquarters.

PEARL HARBOR, T. H.—Ralph E. Wooley, 305 James Campbell Bldg., Honolulu, at $49,202, time for completion 180 days, awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C. under Specification No. 4772, to const. storage bins and trestle at Pearl Harbor.

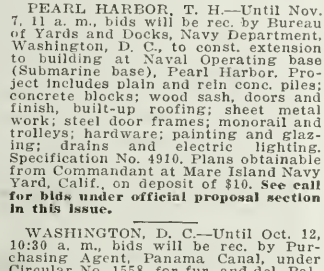
DENVER, Colo.—Until Oct. 4, bids will be rec. by U. S. Reclamation Service, under Specification No. 336-D, for fur. turnout gates for North Platt project, involv. approx. 14,000 lbs. metalwork.

PUGET SOUND, Wash.—Until Oct 17, bids will be rec. by Bureau of Yards and Docks, Navy Department, under Specification No. 4897, for three 200-ft. radio masts at Puget Sound Navy Yard. Plans obtainable from Bureau of Yards and Docks, on deposit of $10.

SAN FRANCISCO—Until Oct. 3, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4831-496, for fur. and del. Rio Vista, Solano County: 49 nipples, close, black 1-in.; 2 gate valves, ¾-in. low pressure; 2 horizontal check valves, 1-in. H.P.; 24 pipe plugs, countersunk, 1-in. C. I.; 12 pipe plugs, countersunk, 3-in., C. I.; 1 length black pipe extra heavy, ½-in.; 12 r.r. unions, ¼-in.; 12 do ⅜-in.; 12 do ½-in. 12 do ¾-in. and 18 do 1-in. Further information on request.

SAN FRANCISCO—Until Oct. 4, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4832-496, for fur. and del. Rio Vista, Solano County: 24 gauge glass washers, L.P. ½-in. I.D. by ⅝-in. O.D. zq ⅝ packing, 7/16-in.; 10 lbs. semi-metallic bar packing ½-in.; 100 lbs gasket rubber, C.I. 1/16-in.; 1 pc. suction hose 1-in. 10-ft. long, H.P. with 1-in. pipe thread coupling on each end (male and female) long shank, for steam; 6 rubber gaskets for 20-in. Plummer Ball Joints; (ball joints as mfg. by Union Const. Co., Oakland). Further information on request.

KING'S
ORIENTAL
STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

CROWE
GLASS
CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

SAN FRANCISCO—Until Oct. 2, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4829-496, for fur. and del. Rio Vista, Solano county: 40 gal. linseed oil, boiled, in 1 gal. cans; 20 gals. smokestack paint, high grade biturino, in 1 gal. cans; 50 gals. outside white paint, in 5 gal. cans; 100 lbs. dry, powdered zinc for boilers. Further information will be furnished on request.

SAN FRANCISCO—Until Oct. 8, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4842-496, for fur. and del. F. O. B. Rio Vista, Solano county, miscellaneous hardware and supplies. Complete list of materials desired will be furnished on application.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, for fur. and del. materials to Navy Yards as follows (date for opening bids are noted at end of each paragraph):

Schedule 1327, eastern and western yards, miscellaneous fire hose, Oct. 16.

Schedule 1328, eastern and western yards, flexible metallic hose, Oct. 16.

Schedule 1329, eastern and western yards, steam hose, Oct. 16.

Schedule 1336, Puget Sound, 400 gals. glycerine, Oct. 16.

Schedule 1337, Mare Island, 10,000 sq. ft. expanded metal lathing, Oct. 16.

Schedule 1339, Puget Sound, 50,000 ft. telephone wire, Oct. 16.

Schedule 1344, Mare Island, miscellaneous iron bark, Oct. 16.

Schedule 1347, Mare Island, bolts and nuts, Oct. 16.

Schedule 1348, eastern and western yards, 3500 qts. fire extinguishing liquid, Oct. 16.

Schedule 1349, Mare Island, 100,000 lbs. dry red lead, Oct. 16.

Schedule 1350, eastern and western yards, miscellaneous paint materials, Oct. 16.

Schedule 1352, eastern and western yards, miscellaneous linseed oil, Oct. 16

Schedule 1353, eastern and western yards, miscellaneous linoleum, Oct. 16.

PEARL HARBOR, T. H.—Until Nov. 14, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 4859 to erect one story storehouse. Plans obtainable from Bureau on deposit of $10.

HALLS AND SOCIETY BUILDINGS

Segregated Figures Being Taken—Bids Close Sept. 24, 1923.
LODGE BLDG. Cost, $200,000
SAN JOSE, Santa Clara Co., Cal., 3rd and St. James Sts.
Two-story and basement reinforced concrete lodge buldg.
Owner—Scottish Rite Temple Association.
Architect—Carl Werner, Santa Fe Bldg San Jose.

Segregated figures are being taken as follows: Excavating, reinforcing steel, concrete work, plumbing, heating, electrical, painting, carpentry, masonry, plastering, tile roofing, and hardware.

Contract Awarded.
SOCIAL HALL ETC. Cost, $22,214
SAN FRANCISCO, SW Francisco and Alamany Ave.
Two-story and basement frame and stucco social hall and private garage (all work, except plumbing and heating.)
Owner — Roman Catholic Archbishop, 1100 Franklin St., San Francisco.
Architect—John O. Lofquist, 1399 Tamalpais Ave., Berkeley.
Contractor—Michael Brueck 600 Charter Oak Ave., Oakland.

Contract Awarded.
CLUB BLDG. Cost, $11,800
LINCOLN, Placer Co., Cal.
One-story hollow tile and stucco club building.
Owner—Women's Club of Lincoln.
Architect—Dean & Dean, City Library Bldg., Sacramento.
Contractor — Wm. Murcell, Ochsner Bldg., Sacramento.

SANTA ANA, Orange Co., Cal.—Simpson & Colst submitted low bid to bldg committee of Ebell Club Sept. 19, at $60,830, for constructing bldg. complete for the proposed one and two-story clubhouse to be erected on French St., bet. Sixth and Stafford Sts. Bids were taken on three propositions, viz: (1) Bldg. complete; (2) complete except floor work and inside work, including gallery of auditorium; (3) with auditorium unfinished and the north part which contains the section rooms omitted. Frederick H. Eley, Santa Ana, architect. Bids were:

Simpson & Colst—1, $60,830; 2, $51,630 3, $38,930.

Bowman & Preble—1, $60,884; 2, $53,-325; 3, $39,315.

R. C. McMillan—1, $64,632; 2, $53,946; 3, $39,007.

Homann & Tully—1, $64,260; 2, $59,-294; 3, $45,120.

T. S. Weston—1, $66,011; 2, $59,906; 3, $46,506.

Hill & Reinhard—1, $66,700; 2, $59,-700; 3, $51,200.

J. S. Fluor—1, $68,632; 2, $62,632; 3, $50,372.

Bids to complete the south part and eliminate the north part were: Bowman & Preble, $46,874; Simpson & Colst, $48,130; R. C. McMillan, $49,693.

Contract Awarded.
FRATERNITY HOUSE Cost, $44,460
BERKELEY, Cal. Le Conte and Ridge Road.
Two-story fraternity house, frame and brick veneer.
Owner—The Alpha Delta Phi Building Co., 2401 Channing.
Architect—Stafford L. Jory, First National Bank Bldg., San Francisco.
Contractor—John Bartlett, 351 12th St., Oakland, Cal.

BREA, Orange Co., Cal.—Archt. John Kunst, 820 Higgins Bldg., has completed plans for a 2-story lodge, store and office bldg. to be erected at Brea for the Oil Field Gas Well and Refinery Workers, James Trewco, secy.; will contain 2 stores, 3 office suites and lodge quarters, including assembly rm., banquet hall, kitchen, restrms., etc. Brick walls, gas rads., press. brick and art stone facing, plate glass, comp. rfg., maple and cement fls., water htr., 50x 140 ft. dumb waiter, metal lath, struc. steel, metal ceilings, tile base, comp. toilets. Owner taking bids.

SAN BERNARDINO, San Bernardino Co. Cal.—Committee of the local union of United Brotherhood of Carpenters and Joiners of America is endeavoring to secure for San Bernardino the proposed $150,000 home for the aged which the National Brotherhood plans to build Paul Le Beuf, Walter White and C. W. Waggoner are members of local comm. R. H. Mack, secy. of the Chamber of Commerce, has promised the movement support.

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., is taking bids for a 5-sto. apartment bldg., to be erected at 3rd and Lucas Sts. for L. A. Nurses' Club. It will contain administrative offices and registration bureau, auditorium, lobby and 100 apartments; 85x160 ft., concrete and brick construction, press. brick facing, cast stone trim., pine trim and firs., tiled baths, elevators, wall beds. Bids are being taken on segregated contracts.

OAKLAND, Cal.—See "Stores, Banks and Offices," this issue.

LOS ANGELES, Cal.—The Jonathan Club has closed a 99-year lease on the property at the n.w. cor. of 6th and Figueroa Sts. as a site for a new club bldg. The lease provides that a class A bldg. at least 6-story in height and to cost $750,000 must be erected. The bldg. in all probability will be much larger than the minimum requirements.

ANAHEIM, Orange Co., Cal—Knights of Pythias will start work soon on the new $65,000 temple to be built on West Centre St., bet. Clementine and Helena Streets.

HOSPITALS

Commissioned To Prepare Plans.
ADDITIONS Cost $—
SAN FRANCISCO, Hayes and Stanyan Streets.
Two 5-story and basement reinf. concrete and steel wing additions to hospital.
Owner—St. Mary's Hospital, premises.
Architect—Shea & Shea, Chronicle Bldg San Francisco.

Commissioned To Prepare Plans.
PAVILION Cost $—
BERESFORD, San Mateo Co., Cal.
Tuberculosis pavilion (type of construction not decided).
Owner—San Mateo County.
Architect—W. H. Toepke, Call Bldg., San Francisco.

Bids To Be Asked Shortly.
HOSPITAL Cost, $50,000
SPRINGVILLE, Tulare Co., Calif.
75-bed Tuberculosis Hospital unit for Children's Ward.
Owner—Tulare-Kings County Tuberculosis Hospital.
Architect—Anton Johnson, Kingsburg, California.

Plans Being Figured—Bids Close Oct. 18, 2 p. m.
CHILDREN'S WARD $40,000
SPRINGVILLE, Tulare Co., Cal.
Children's Ward building.
Owner—Tulare-Kings Joint Tubercular Hospital.
Architect—Anton Johnson, Kingsburg.
See call for bids under official proposal section in this issue.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

SACRAMENTO, Cal. — Roberts Mfg. Co., 663 Mission St., San Francisco, at $4145 submits low bid to county supervisors for electrical equipment in county hospital. Other bids: Scott, Lyman and Stack, Sacramento, $4620; Latourette-Fical Co., Sacramento, $5682.

RICHMOND, Contra Costa Co., Cal.—City council contemplates bonds issue for $150,000 to finance construction of municipal hospital and $50,000 for municipal swimming pool. Election will probably be held Nov. 6. A. C. Faris, clerk of Richmond.

SACRAMENTO, Cal.—Clauss & Kruss 1700 I St., Sacramento, at $17,100 submits low bid to county supervisors to install refrigeration plant in county hospital. Automatic Refrigerating Co., only other bidder at $14,397.

SACRAMENTO, Cal.—Nathan Dohrman Co., Geary and Stockton Sts., San Francisco, at $16,014 submits only bid to county supervisors to furnish and install kitchen equipment in county hospital.

FORT MASON, Cal. — See "Government Work," this issue.

ANCHORAGE, Alaska.—See "Government Works and Supplies," this issue.

REDWOOD CITY, San Mateo Co., Cal.—R. L. Sherer Co., at $2,225.80 submits low bid to county supervisors for fur. and install X-ray equipment in county hospital. Other bids were: Bush Electric Co., $2,515; Victory X-Ray Co., $2,276.39.

STOCKTON, San Joaquin Co., Cal — Until Oct. 9, 11 A. M., bids will be rec. by Eugene D. Graham, County Clerk, to furnish and install one automatic hydro-electric plunge type passenger elevator to replace present elevator in Ward Building at county hospital; for plastering walls and ceilings; laying Kellastone Magnesite floor over old floors and repair metal toilet portitions. Ralph P. Morrell, Architect, 41 S. Sutter St., Stockton. **See call for bids under official proposal section in this issue.**

FAIRFIELD, Solano Co., Cal.—G. G. Halliday, county clerk, instructed to ask bids for fur. and install. sterilizing machine in county hospital.

WHITTIER, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., have completed plans and are taking bids for erecting an addition to the Murphy Hospital at Whittier. It will be 2-story and basement and will contain 30 rooms; class A constr., reinf. conc., plas. exter., comp. rfg., pine trim, steam htg., tiled baths, signal and telephone systems.

CATALINA, L. A. Co., Cal.—The Institute of Scientific Body Building has taken a 99-year lease on a 20-acre tract at Catalina Island and contemplates the erection of a hospital. Plans are being prepared by D. M. Renton, Avalon. The initial project will include a main administration and hospital bldg. and 500 cottages. The cost will be $1,500,000. Dr. Richard F. Barnes of Long Beach is president, and William Wrigley, Dr. Henry Gross and Dr. Carl Schultz, all of Los Angeles, are directors.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 15, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to furnish and install 128 shades in county hospital, as follows:

3 shades 3 ft. by 5 ft. 6-in.
84 shades 3 ft. 8½ in. by 3 ft. 9 in.
38 shades 3 ft. 8½ in. by 6 ft. 6 in.
3 shades 4 ft. 6 in. by 6 ft. 6 in.

All above to be Brenlin or Luxor on Hartshorn or Columbia rollers, finished with eyelets and cord. Samples must accompany bids. Cert. check 10% payable to clerk req. Further information obtainable from clerk.

SAN FRANCISCO—Bids will be asked shortly by Board of Public Works to construct permanent structures for the San Francisco Relief Home group of buildings for which $2,000,000 were voted. Plans for the structures are being completed by City Architect John Reid Jr., First National Bank Bldg. The supervisors have passed an ordinance authorizing the Board of Public Works to enter into a contract for construction.

SAN FRANCISCO—Until Oct. 3, 3 p. m., bids will be rec. by Board of Public Works to move Ward A building at Relief Home site; est. cost $8000. A bond of $2000 will be required of the successful bidder who must start work 5 days after award of contract and complete same within 45 days. Plans obtainable from Bureau of Architecture 2nd floor, City Hall.

HOTELS

Figures to be Taken in About ten Days
HOTEL Cost, $300,000
MARYSVILLE, Yuba Co., Cal., 5th & E Sts. 163 x 119-8.
Five-story reinforced concrete hotel, 141 rooms, 11 sample rooms and 80% baths (pressed brick with terra cotta trim exterior).
Owner—Marysville Hotel Co.
Architect — Edward Glass, Underwood Bldg., San Francisco.
Bids will be taken for a general contract.

Plans Being Figured.
ADDITION Cost, $50,000
SALINAS, Monterey Co., Cal., 150 Main Street.
Four-story reinforced concrete & steel hotel addition.
Owner — Cominos Hotel, 150 Main St., Salinas.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

Contract Let.
HOTEL ADDITION Cost, $15,000
MONTEREY, Monterey Co., Cal., Alvarado street.
One-story concrete addition for hotel quarters.
Owner—John Taufner, Monterey, Cal.
Architect—John Maxwell, Pacific Grove Calif.
Contractor—A. W. Furlong, Monterey.

Plans Being Figured.
HOTEL Cost, $40,000
PALO ALTO, Santa Clara Co., Cal.
Two-story reinforced concrete hotel with cement exterior (32 rooms & 18 bathrooms).
Owner—Name withheld.
Architect—Chas. E. J. Rogers, Phelan Bldg, San Francisco.

COMPTON, L. A. Co., Cal—See "Theatres," this issue.

LOS ANGELES, Cal. — Venice Hotel Corp., of which Thornton Kinney is a director, has purchased the Venice Country Club property and is having plans prepared for a 12-story class A hotel-apt. bldg. to be erected on the site. There will be stores in the first story and about 250 rms. in the upper stories with garages in the rear. The bldg. will be reinf. conc. constr. and will cost $1,000,000.

LOS ANGELES, Cal.—Archt. Loy L. Smith, 218 Byrne Bldg., has completed sketches for a 14-sto. class A hotel bldg. to be erected at 636-44 S Main St., for the Metropolitan Hotel Corp., W. B. Hanner, pres.; W. W. Paden; will contain 620 rooms with 40% baths. Reinforced conc. constr., 92x147 ft., press. brick and terra cotta facing, 3 elec. elevators, tile baths, lobby, steam htg. system, mezzanine fl., tile and marble work, plate glass, etc. $1,250,000.

GLENDALE, L. A. Co., Cal. — Archt. Alfred F. Priest, 719 Fay Bldg., is completing working drawings for a five-story class B hotel and apartment bldg. to be erected on n.w. cor. of Brand Blvd and California St., for the Glendalia Hotel Co. It will be U-shaped, 100x104 ft., with half basement, five stores, lobby and two entrances on the main floor, 100 rooms and two entrances on floor, 100 rooms and 72 baths in the upper stories. There will be 24 apartments; the remainder of the rooms being single rooms. Steel frame construction, brick walls, rug or ruffled brick facing, plate glass, marble and tile work, comp. rfg., wood flrs., pine and hardwood trim, tiled baths, wall beds, steam htg., 2 elevators. Plans will be ready for figures in about 2 weeks. Cost, $265,000.

ICE AND COLD STORAGE PLANTS

MADERA, Madera Co., Cal.—Central California Ice Co., Mono & P Sts., Fresno, has purchased site, 50x100 ft. in E street and will erect new ice plant.

MADERA, Madera Co., Cal.—A. J. Etter, 409 North D St., Madera, and Gus H. Guder of Raymond, Calif., will erect one-story concrete 50 by 108 ft. ice plant at 4th and E Sts., and will operate under the name of the Madera Ice Company. Will have capacity of 15 tons daily. Approx. $30,000 will be expended in construction and equipment.

POWER PLANTS

TUCSON, Ariz.—Tucson Gas, Electric Light & Power Co. has started construction of high power transmission line for irrigation and lighting in the 320 acres of the tracts of Judge William H. Sawtelle and John Metz.

ANCHORAGE, Alaska.—See "Government Works and Supplies," this issue.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

CARMICHAEL, Sacramento Co., Cal. —Election held in Carmichael to form utility district for the distribution of electricity to consumers in district carried by vote of 85 to 4.

PUBLIC BUILDINGS

VALLEJO, Solano Co., Cal. — City Commissioner R. O. Pierce instructed to secure estimates of cost to improve heating system in city hall building. A. E. Edgcumbe is city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—County supervisors, H. E. Miller, clerk, contemplate purchase of steel filing equipment to be installed in Supervisor's Chambers.

CALIFORNIA—E. L. Twogood, acting director of state institutions, announces the distribution of $600,000 to finance improvements at state institutions. Appropriations segregated as follows: Agnews hospital $27,000; Mendocino hospital, $59,900; Napa hospital $45,000; Norwalk hospital, $150,000; Sonoma hospital, $109,500; Patton hospital, $78,000; Whittier home, $20,000; Stockton hospital, $130,000.

RICHMOND, Contra Costa Co., Cal.—City council contemplates purchase of block bounded by 12th and 13th sts., Macdonald and Bissel Aves., for American Legion Memorial building and park site. A. C. Faris is city clerk.

RESIDENCES

Completing Plans—Figures to be taken Next Week.
DWELLING Cost, $25,000
SAN FRANCISCO, Cal., Jackson St., near Octavia.
Two-story and basement, frame and stucco residence and garage with tile roof (10 rooms).
Owner—Fred Grannis.
Architect—E. E. Young, 2002 California St., San Francisco.
Bids will be taken for a general contract.

Contract Awarded.
RESIDENCE & STORE Cost $10,000
SACRAMENTO, 1112 3rd St.
Two-story and basement frame residence and store.
Owner—Bloomberg Bros., 1021 2nd St., Sacramento.
Contractor—D. Tatti, 2118 O St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $10,000
SACRAMENTO, 1001 45th St.
Two-story 11-room frame residence & garage.
Owner—M. J. Machado, 1219 X St., Sacramento.
Contractor—M. F. Terra, 2315 9th St., Sacramento.

Contracts Awarded.
GARAGE Cost, $18,500
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame and stucco residence and garage (8 rms and 3 bathrooms).
Owner—M. Sapiro.
Architect—Walter Falch, Hearst Bldg. San Francisco.
General contract to H. Papenhausen, 532 3rd Ave., S. F.
Plumbing to Higgins & Kraus, 730 Tehama, San Francisco.
Painting to Chas. Hagman.

Contracts Awarded,
RESIDENCE Cost, $10,000
OAKLAND, NE Trestle Glen and Sunnyhills Rd.
1½-story 8-room residence.
Owner—A. Alexander, 922 Washington, Oakland.
Contractor—H. Brown, 1387 E-32nd St., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,000
SACRAMENTO, Cal., 1022 44th St.
Two-story 8-room frame residence and garage.
Owner—Algae Clark Hanlon, 3940 I St. Sacramento.
Contractor—E. W. Book, 2912 G St., Sacramento.

Contract Awarded.
RESIDENCE Cost, $24,800
SAN MATEO, San Mateo Co., Cal. Lots 14 and 15 Glazenwood.
Two-story and basement frame residence and garage.
Owner—Abbie E. Wilkins, Hobart Bldg., San Francisco.
Architect—None.
Contractor—S. A. Born Bldg. Co., 660 Market St., San Francisco.

Preliminary Plans Being Prepared.
RESIDENCE Cost, $26,000
OAKLAND, Cal., Upper Piedmont.
Two-story and basement, frame and stucco residence, (9 rooms, 3 baths) separate garage with servants quarters.
Owner—
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor—

Contract Awarded.
RESIDENCE Cost, $11,494
SAN MATEO, San Mateo Co., Cal., N Santa Inez 290 State Highway.
Frame residence and garage.
Owner—Mrs. M. L. Perry, 81 Sanchez St., San Francisco.
Architect—J. K. Ballantine, 278 Post St., San Francisco.
Contractor—Geo. H. Arthur, 409 Occidental, San Mateo.

Contract Awarded.
RESIDENCE. Cost $32,000
PETALUMA, Sonoma County.
Two-story frame and stucco residence and garage.
Owner—Thos. MacClay, care Bank of Italy, Petaluma.
Architect—Albert Farr, Foxcroft Bldg., San Francisco.
Contractor—H. P. Vogensen, 600 5th St., Petaluma.
Contract includes all work except painting, heating, light fixtures and hardware.

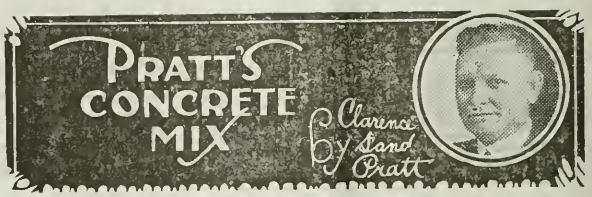
Contract Awarded.
DWELLING Cost, $13,965
OAKLAND, Alameda Co., Cal., 455 45th street.
Two-story (11 room) frame residence.
Owner—Frank Madeline Girola, 449 44th St.
Contractor—A. Cederborg, 1445 Excelsior Ave., Oakland, Cal.

Contract Awarded.
DWELLING Cost, $12,000
OAKLAND, Alameda Co., Cal., N Longridge Rd., 100 E Rosemont.
Two-story (8 room) residence.
Owner—C. P. and Agusta Johnson, 432 Lagunitas Ave., Oakland.
Contractor—C. P. Johnson, 432 Lagunitas Ave., Oakland.

Plans to be Prepared.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Euclid and Buena Vista Aves.
Residence.
Owner—Mrs. Alma Smith Kennedy.
Architect — Bernard Maybeck, Lick Bldg., San Francisco.

Plans to be Prepared.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Euclid and Buena Vista Aves.
Residence.
Owner—Mr. and Mrs. Joseph R. Nixon, 2701 Hillegass Ave., Berkeley.
Architect — Bernard Maybeck, Lick Bldg., San Francisco.

Completing Plans—Figures to be taken next week.
DWELLING Cost, $17,000
SAN MATEO, Cal., San Mateo Park.
One-story and basement frame and stucco residence with tile roof (10 rooms, 3 bathrooms and garage).
Owner—Name withheld.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Hot water heating system, hardwood floors and interior, etc.

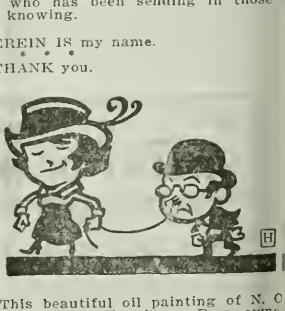


NOTE:—The following K.C.B.-like story by "May C. B" is her third clever letter to Sandy Pratt and now she tells her true name, because she wants to win the $100.00 worth of preferred stock, or the $50.00 worth of common stock in Sand Pratts new crushed rock company, the Pratt Rock & Gravel Co., now building a modern rock crushing plant at Prattrock near Folsom on the Tahoe-Placerville highway. Two other prizes in the contest for a good commercial name for Sandy's new crushed rock and gravel are a $50.00 earload of crushed rock or gravel and a $25.00 carload of clean, sharp sand from the Pratt Building Material Co.'s sand washing plant at Prattco, Monterey County, Marysville or Sacramento. See if you can find her name. Out of half a dozen persons in the San Francisco office, including Clarence Sand Pratt, President of the Pratt Building Material Co., only one could find her true name. If you will take the first letter of each line in the K.C.B.-like part of her letter you will find out who has been sending in those clever letters. Sandy wagers she is worth knowing.

Sacramento, Calif., Sept. 18, 1923
Mr. Clarence Sand Pratt, President,
Pratt Building Material Co.,
Sacramento, Calif.,
Dear Sandy:

MAYBE YOU don't believe I
* * *
AM ALL puffed up.
* * *
BECAUSE CLARENCE Sand Pratt, whom.
* * *
EVERYBODY CALLS "Sandy."
* * *
LIKES MY K.C.B.
* * *
LIKE STUFF and wants my name and.
* * *
EVERYTHING. IT would be just.
* * *
GREAT IF I won that load of.
* * *
BEAUTIFUL CLEAN, Sharp sand. I'd pile it.
* * *
UP IN my front yard and have a.
* * *
SEASHORE DAY every day.

HEREIN IS my name.
* * *
I THANK you.



This beautiful oil painting of N. C Painter shows Mrs. Straw Boss, owne of a pair of "Boss of the Road" over alls, and her jelly fish-like husband a described in May C. B.'s wonderfu letter of May 23rd, reprinted in th "Bee" two weeks ago. You can see h has no sand—Pratt's clean, sharp sand

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., is preparing plans for an English style brick residence to be erected at 1st St. and Irving Blvd. for Chas. F. Delong, proprietor of Bull Penn Inn. Two-sto., 11 rms., 3 baths, brick walls, slate rfg., hardwood and pine trim and flrs., tiled baths, unit gas htg. system, fireplaces, garage.

Contract Awarded.
DWELLING Cost, $12,765
BERKELEY, Alameda Co., Cal. No. 2815 Oak Knoll St.
Two-story 12-room frame dwelling.
Owner—W. S. Dinwiddie, 139 Parkside Drive, Berkeley.
Architect—None.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE. Cost $10,000
PIEDMONT, Wildwood Gardens.
Two-story frame and stucco residence.
Owner—Arthur Duncan.
Architects — Schirmer - Bugbee Co., Thayer Bldg., Oakland.

Plans Being Prepared.
DWELLINGS Cost $5,000 each
OAKLAND, Trestle Glen.
Three 1-story 5-room frame dwellings.
Owner—Harry Fisher.
Architects — Schirmer - Bugbee Co., Thayer Bldg., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $20,000
HAYWARD, Alameda Co., Cal.
Two-story frame and plaster residence (8 rooms and garage).
Owner—Mrs. Jas. Strowbridge, Hayward.
Architect—Kuhn & Edwards, Commercial Bldg., San Francisco.
Superintendent — John Ferguson Jr., 2814 Union St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $28,440
PIEDMONT, Alameda Co., Cal. on Ptn lot 6 Map Bellevue Park.
Two-story frame residence (colonial style).
Owner—H. J. Knowles 245 Lee St. Oakland.
Architect—Albert Farr and J. F. Ward, Foxcroft Bldg., S. F.
Contractor—Fred J. Westlund, 351 12th St., Oakland.

SCHOOLS

Plans Being Figured—Bids Close Oct. 29, 1923, 8 p. m.
SCHOOL BLDG. Cost, $375,000
SANTA ROSA, Sonoma Co., Cal.
Reinforced concrete and brick high school building.
Owner—Santa Rosa High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco and W. F. Herbert, Rosenberg Bldg., Santa Rosa, associated.
Segregated figures are being taken as follows:
Excavating, grading, concrete work.
Mason work.
Marble work.
Terrazzo work.
Composition roofing.
Terra cotta tile roofing and slate roofing.
Lathing and plastering.
Carpenter work including steel work.
Finish hardware.
Glass and glazing.
Blackboards.
Composition floor work.
Cast cement work.
Electrical work.
Window shades.
Linoleum.
Plumbing.
Sheet metal work.
Painting.
Heating and ventilating.
Plans may be obtained from the architects' offices. A copy of the official proposal appears in this issue.

Figures To Be Taken In About a Week.
COLLEGE BLDGS. Cost, $600,000
STOCKTON, San Joaquin Co., Cal.
Group of 7 2-story concrete, brick and wood college buildings with terra cotta trim and slate roofs.
Owner—College of the Pacific.
Managers of Construction—Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Architects—See follow note.
Science Building—Loseckann & Crowdsley, Elks Bldg., Stockton, architect.
Dining Hall & Gymnasium—Stone and Warner, Belding Bldg., Stockton, architects.
Auditorium—Mayo, Cowell & Bissell, 21 S San Joaquin St., Stockton, architects.
Boys Dormitory, Girls Dormitory, Power House and Stadium, Davis-Heller-Pearce Co., Architects.
Bids will be taken three ways—a general contract, segregated contracts and for each building separately.

Low Bidder.
SCHOOL Cost $—
NEEDLES, San Bernardino Co., Cal.
One-story reinforced concrete school (6 rooms and an auditorium.)
Owner—Needles Grammar School Dist., (Ben Harrison, Clerk).
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Low Bidder — Myrl Crane, San Francisco.

Contract Awarded.
SCHOOL Cost, $45,680
NEEDLES, San Bernardino So., Cal.
One-story reinforced concrete school (6 rooms and an auditorium)
Owner—Needles Grammar School Dist., (Ben, Harrison, clerk)
Architect — Norman R. Couiter, 46 Kearny St., San Francisco.
Contractor — Myrl Crane, 74 Miramar Ave., San Francisco.

Preliminary Figures Being Taken.
COLLEGE BLDG. Cost, $300,000
BERKELEY, Cal., University Campus.
Reinforced concrete and stone college bldg., "Hearst Hall."
Owner—University of California, (Gift of Mrs. Wm. R. Hearst).
Architect — Bernard Maybeck, Lick Bldg., San Francisco.

ALHAMBRA, Cal.—Until 7:30 p. m., Oct.4, bids will be recd. by board of education of the Alhambra city high school dist. for erecting new additions to the gymnasium of the high school. Plans and spec. by Archts. Allison & Allison, 1405 Hibernian Bldg., Los Angeles. Bids will be taken separately on (1) general; (2) plbg. and heating. Cert. chk or bond, 5% Deposit for plans, $10. George L. Yelland, secy. At the same meeting bids will be received for painting the new administration, classroom and auditorium bldgs.

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., is preparing plans for a new school bldg., to be erected at Dayton Heights school site. It will contain 8 units, brick construction, shingle rfg., pine trim., maple flrs., steam htg.; Cost, $64,000.

SAN FRANCISCO—Until Oct. 3 p. m. Oct. 17, bids will be rec. by Bd. of Pub. Works for fur., delivering and erecting structural steel and cast iron for addition to High School of Commerce in north side of Fell street, bet. Franklin and Van Ness Ave.; est. cost, $90,000. Bond of $22,500 will be req. of successful bidder. Plans obtainable from Bureau of Architecture, 2nd floor City Hall. John Reid, Jr., First Natl. Bank Bldg., City Architect.

LOS CERRITOS, L. A. Co., Cal. — Archts. John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., are completing plans for a new school bldg. to be erected in Los Cerritos school dist., near Long Beach. It will contain 8 classrooms; brick constr., selected brick facing, clay tile or shingle rfg., pine trim and fls., gas rad. htg., blackboards; $50,000.

LOS ANGELES, Cal.—Anton Johnson Co., Union Bank Bldg., was awarded the general contract at $76,265 for erecting new high school bldg. at at Ramona school site. Other contracts were awarded as follows: Plumbing to E. W. Crowell at $7339; heating to Western Engineering & Construction Co. at $6927; painting to Leo H. Hubbert at $1987, and wiring to American Electric Construction Co., at $3326.40.

SANTA MONICA, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., have been authorized to prepare plans and spec. for additional bldgs. to be erected at Lincoln junior high school site at Santa Monica to complete the group as originally planned. The bldgs. will include a manual arts bldg., auditorium, kindergarten and domestic arts bldgs. They will be of masonry construction and will cost about $200,000.

MODESTO, Stanislaus Co., Cal.—Until Oct. 8, 8 p. m. bids will be rec. by Kathleen G. Prewett secy. Board of Education to const. conc. sidewalks curbs and gutters at Franklin school. Cert. check 10% payable to Pres. Bd. of Educ. req. Plans obtainable from secy.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

PALO ALTO, Santa Clara Co., Cal.—Bids were opened on September 24th, at 7:30 p. m., by the Board of Trustees of the Palo Alto Union High School District, for the construction of one-story frame and stucco additions to the school buildings, including main gymnasium building, boys' gymnasium wing, three classrooms and lecture hall, additions to manual training building, bleachers, outdoor swimming pool, etc. Plans were prepared by Architect Birge Clark, of Palo Alto. All bids were taken under advisement until September 26th.

Excavating, Concrete Work and Carpenter Work

John Madson, Palo Alto, $40,472, $3500, $2500.
D. W. Baysinger, $44,295, $3977, $2973.
Jorgensen & Cook, Palo Alto, $48,377, $3800, $2600.
Frank Fox, $48,900, $4151, $2252.
Palo Alto Constr. Co., $52,215, $3892, $2894.
R. L. Summers, San Jose, $52,545.50, $4593.50, $3154.
West Coast Constr. Co., S. F., $55,131, $6373, $3776.
C. L. Wold, S. F., $59,800, $4054, $3580.
Barrett & Hilp, S. F., $60,300, $3900, $2800.

Plumbing

Cashel Bros., 200 Homer, Palo Alto, $7950, $170 ded., $4350, $40.
H. R. Park, $5390, $8245, $4584, $60.
Fred Snook Co., S. F., $8460, $8314, $4,625, $68.
Christenson & Anderson, $9197, $130 ded., $4959, $35.
R. S. Serpa, $9615, $—, $4970, $50.
Scott Co., $10,227, $—, $4789, $80.
A. Lottich, S. F., $10,442, $10,307, $3602, $50.

Heating and Ventilating

Leonard Frazee, 699 36th St., Oakland, $8398, $408, $310, $3504.
Scott Co., $8520, $520, $80, $3350.
H. Lauer, $9052, $331, $277, $4281.
Mohr & Wood, $9128, $365, $658, $2989.
Cashel Bros., $9480, $390, $300, $4000.
Christensen & Anderson, $9735, $350, $572, $4705.
A. Lettich, $12,403, $375, $300, $5105.

Steel Lockers

Waterhouse & Wilcox Co. S. F...$3920
Fred Modart Co., S. F..... 4272
G. Trask, S. F. 4473.83
C. F. Weber Co., S. F..... 4600
Berger Mfg. Co., S. F..... 4600

Plastering

John Madsen, $3500, $400.
Geo. Leich, $10,300, $535.
M. W. Overhulse, $11,208, $502.
A. Knowles, S. F., $12,311, $545.
L. Bosch, S. F., $12,380, $620.

Sheet Metal Work

Christensen & Anderson, $1150, $20
Cashel Bros., Palo Alto, $1500, $35.
Palo Alto Sheet Metal Co., $1883.

Tile Roofing

United Materials Co., S. F., $2750.
H. J. Porter, San Jose, $2994.
Gladding McBean Co., S. F., $3155.

Composition Roofing

Malott & Peterson, 2412 Harrison St., San Francisco, $1095, $205.
H. J. Porter, $1298, $1050.
S. W. Campe, $1350, $232.
Western Ashestos Magnesia Co., San Francisco, $1450, $310.
Bender Roofing Co., Oakland, $1579, $256.

Blackboards

Western States Seating Co., 133 Kearny St., San Francisco, $620.30.
Stewart School Supply Co., $645.
C. F. Weber Co., San Francisco, $665.

Electrical Work

M. E. Ryan, San Francisco, $3348, $11.50 $60.
Kings Elec. Co., $4530, $15.00, $65.
Standard Elec. Co., $4995, $12.00, $65.

Hardware

San Jose Hardware Co., $2342, $143.
Palo Alto Hardware Co., $2474, $104.

Painting

R. Zelinsky, 180 Jessie St., S. F., $5160, $525, $282.
J. Stromer, $7000, $450, $550.
T. H. Brown, $7075, $407, $595.
T. W. Bomhard, $7132, $—, $—.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 3, 7:30 p. m., bids will be rec. by Ansel S. Williams, clerk, Stockton High School Board, for work in connection with school heating plant at high school, including new vacuum pump and oil burner set. Cert. check 10% req. with each bid. Plans and further information obtainable from office of Supt. of Schools, Lindsay and San Joaquin streets, Stockton.

FULLERTON, Orange Co., Cal. — Until 2 p. m., Oct. 12, bids will be rec. by Fullerton school dist., care C. A. Marey, 345 E Wilshire Ave., Fullerton, for the construction of the Maple Ave. school, Harvard and Maple Aves., Fullerton. Bids will be taken as follows: (1) General, (2) plumbing, (3) heating and ventilation, (4) painting, (5) electric work. Plans and spec may be obtained from the office of Frank K. Benehley, archt., Fullerton, upon deposit of $10. Cert. check 5%. Mrs. Belle Benehley, secy.

SANTA ROSA, Sonoma Co., Cal.—Bids were opened on September 24th, at 8 p. m., by the Board of Trustees of the Santa Rosa Grammar School District, for the construction of a reinforced concrete school building from plans prepared by Architects W. H. Weeks, 369 Pine street, San Francisco and Wm. Herbert of Santa Rosa, associated. It will be known as the Fremont School.

General Contract

Hannah Bros., 142 Sansome St. San Francisco $85,984
Herndon & Finnigan, Sacto..... 88,200
Robert Trost, San Francisco.... 93,775
Campbell Constr. Co., Sacto..... 94,870
Peters Constr. Co., S. F.....$105,275
Proctor & Cleghorn, Santa Rosa 105,500
Cobby & Owsley..... 107,300

Electrical Work

F. E. Newbery Co., 359 Sutter St., San Francisco $4376
M. E. Ryan, San Francisco 4460
E. C. Foss, Sacramento..... 4575
Crown Elec. Co., S. F.....$4,950
Latourrette-Fical Co., Sacto..... 5,000
Vallejo Elec. Co..... 5,218

Plumbing

W. H. Picard, 5656 College Ave., Oakland $7398
Scott Co. 7777
J. E. O'Mara, San Francisco..... 7950
Carl T. Doell, Oakland..... 7971
P. E. O'Hair, San Francisco.... 7,993
Mitchell & Flynn, Santa Rosa.. 8,333
A. Lettich, San Francisco..... 9,396
H. G. Newman..... 10,124

Heating and Ventilating

W. H. Picard, Oakland 9718
Sugarman, E., San Francisco.... 9720
Knittle-Cashel Co. 9955
Moore Wood Co. 10,840
P. J. Enright, S. F.....$10,630
Scott Co. 10,790
H. S. Newman 11,138
J. E. O'Mara..... 11,355
A. Lettich 11,360
Carl T. Doell, Oakland..... 11,362
Latourrette-Fical Co., Sacto.... 12,000

Painting

R. Hawley, Santa Rosa $3031
Cunningham, Vallejo 4145
A. Zelinsky, San Francisco 4500
R. Zelinsky, S. F..... 4871

Blackboards

Rucker-Fuller Desk Co., S. F.....$2061
C. F. Weber Co., S. F. 2155

Shades

Seelye-Salow Co., Santa Rosa....$ 583
Pedersen-Smith Furn. Co., Santa Rosa 1021

Cork Linoleum

Seelye-Salow Co., Santa Rosa....$1111
Pedersen-Smith Furn. Co., Santa Rosa 1381

WOODLAND, Yolo Co., Cal. — The Board of Trustees of the Woodland School District opened bids on September 26th for the construction of a one-story reinforced concrete manual training building 200 feet long from plans prepared by Architect W. H Weeks, 369 Pine street, San Francisco. Bids were taken under advisement, as the two lowest bidders were the same. W. R. Fait, Reamer Park, Woodland $41,000
E. L. Younger, Porter Bldg., Woodland 41,000
Larsen & Siegrist, S. F. 41,777
Campbell Construction Co., Sacramento 41,787
Cobby & Owsley, S. F. 45,300
Herndon & Finnigan, Sacramento 42,767
Peters Construction Co., S. F... 50,574

LOS ANGELES, Cal—Callahan, Schilling & Brown, San Fernando Bldg. were awarded the general contract at $46,780 for erecting a new bldg. at Aragon Ave. school site. Other contracts were awarded as follows: Plumbing to E. W. Crowell at $2298; heating to Western Engineering & Construction Co. at $7800; wiring to H. H. Walker at $1663; painting to Leo H. Hubbert at $1433.

SAN FRANCISCO—Building Committee of Board of Education recommends the expenditure of the $12,000,000 school bond issue as follows:

High School Buildings

One near Twin Peaks, the site to be selected.

One to replace the Lowell High school, the site to be selected.

Junior High School Buildings

One to be erected on the present site of the Everett school on Sanchez St., bet. 16th and 17th Sts.

One to be erected on the Baby's Aid Block in the Park-Presidio districts.

One to be established at the Portola school on Bacon St., bet. Berlin and Girard Sts., through remodeling and purchase of balance of block.

Intermediate School Buildings

Dudley Stone School at Haight St. and Masonic Ave. to be rebuilt.

New school building on block bounded by O'Farrell, Ellis, Buchanan and Hollis Sts. to replace Durant School.

New school building to be built at 22nd and Dolores Sts. to replace Edison School.

New school building to be built at Ford, Noe and 17th Sts to replace Everett and Douglas schools.

Hawthorne School at 22nd and Shotwell Sts. to be rebuilt on an enlarged site.

New school building to be erected at Oak and Buchanan sts. to replace Hearst and Moulder schools.

Lafayette School building to be erected at Anza, 36th and 37th Aves.

Leeonte School building to be erected on a site facing Peralta Park.

Lick School building to be erected at Jersey, Diamond and 24th Sts.

Rochambeau School building to be rebuilt on a site already selected.

San Bruno School building to be erected on the block bounded by Burroughs, Bacon, Gottingen and Summers Streets.

John Reid, Jr., First National Bank Bldg., San Francisco, is City Architect.

REDONDO, L. A. Co., Cal.—Until 8 p. m., Oct. 5, bids will be received by trustees of Redondo union high school dist., for erecting a gymnasium bldg. at Redondo union high school site; Allison & Allison, 1405 Hibernian Bldg., archts. Bids are being taken on 8 segregated contracts. The bldg. will be frame constr., redwood siding, comp. rfg.; $40,000.

NAPA, Napa Co., Cal.—Bids received by Napa Union School District for furnishing and installing cafeteria equipment have been taken under advisement. W. H. Young, Napa, bid lump sum of $1943.40 and Nathan Dohrman Co., San Francisco, $1909.90. Other bidders, bidding on itemized basis were C. F. Weber Co., San Francisco; A. Schlueter Co., San Francisco.

MONTEREY, Monterey Co., Cal.—Until Oct 6, 1:30 p. m., bids will be rec. by Jas. McIntosh, clerk, Monterey Union High School District to complete basement in Science bldg.; also for painting old building to match new wings. Cert. check 5% payable to clerk req. Plans obtainable from clerk at Monterey.

MADERA, Madera Co., Cal. — Until Oct. 8, 5 p. m., bids will be rec. by W. S. Orvis, secy., Madera Union High School District, for fur. and install. one hot water heating plant for new agricultural building. Spec. obtainable from secy. at high school.

RED BLUFF, Tehama Co., Cal. — Catholic Church, Rev. Phillip E. Brady, pastor, is having plans prepared for a new parochial residence and school building.

LOS ANGELES, Cal—Callahan, Schilling & Brown, San Fernando Bldg., were low bidders at $57,325 and $55,888 respectively, on the gen. contr. for erecting new school bldgs. at Sawtelle Blvd. and 59th St. school sites. Low bidders on the other contr. were: H. H. Walker on wiring at $2825 and $2892; G. C. Sutton on plumbing at $6984 and $6255; Western Engr-Constr. Co. on heating for Sawtelle bldg. at $6549 and J. Hokom on heating for 59th St. bldg. at $6019; and Winvick Decor. Co. on painting at $1407 and $1377; or both bldgs for $2754.

LOS ANGELES, Cal.—W. F. Luther, San Fernando, was low bidder at $51,588 on the gen. contr. for erecting a new school at Lankershim; H. M. Patterson, archt. Low bidders on the other contracts were: J. Hokom on heating at $5908; H. H. Mann on painting at $1280; and Tujunga Electric Co. on wiring at $1900.

SAN FRANCISCO—Until Oct. 3, bids will be rec. by Board of Public Works for alterations in Yerba Buena school in north side of Greenwich street between Webster and Fillmore streets; est. cost $4000. Plans obtainable from Architecture, 2nd floor, City Hall.

SAN DIEGO, Cal.—Archt. John C. Austin, 1125 Detwiler Bldg., has revised plans and is taking bids for an academy bldg. to be erected at San Diego for the Academy of Our Lady of Peace. It will be 2-story and basement, reinf. conc. and steel constr., plas. exter., clay tile rfg., wood fls., in class rms., pine trim, steam htg. Extreme dimensions, 90x270 ft.

KING CITY, Monterey Co., Cal. — Until Oct. 8, 2:20 p. m., bids will be rec. by Wm. C. Waibel, clerk, King City Union High School District to construct tennis court. Plans obtainable from clerk.

LOS ANGELES, Cal.—Macdonald & Driver, Douglas Bldg., have been awarded the general contract at $246,011 for erecting the new Part Time high school bldg. on 16th St. between Hill St. and Grand Ave. Noerenberg & Johnson, archts. The general contract was awarded on the original bid of $244,076 with an addition of $1935 for alternate design in floor construction. Other contracts were awarded as follows: Plumbing to W. W. Brooks at $16,500; heating and ventilating to L. Z. Brown at $37,917; painting to H. H. Mann at $3580; electric wiring to H. H. Walker at $7124.

COVINA, L. A. Co., Cal.—John Simpson & Co., 701 Antonio Ave., has been awarded the gen. cont. at $153,500 for erecting two class A dormitories at Covina for the Masonic Homes of California. The original bid was $155,500 but a deduction of $2000 was made for Philippine mahogany. Train & Williams, 226 Western Mutual Life Bldg., archts. Other contracts were awarded as follows: Plumbing and heating to Arthur Hess at $11,427 and $9365, respectively, the heating contract being awarded on alternate No. 2; electric wiring to Newbery Electric Corp., painting to A. S. Grant at $5300. The bids were: General Contract—John Simpson & Co., $155,500; Larsen-Siegrist Co., $161,700; Willard-Brent Co., $168,750; Walter Slater Co., $166,000; J. A. Crook, $169,900; Edwards, Wildey & Dixon Co., $170,300; Leavers-Culbertson Co., $177,000. Plumbing and Heating—Arthur Hess, $11,427 on plumbing and $11,200 on steam htg.; J. Hokom, $15,104 and $9917; E. W. Crowell, $12,980 and $9850; W. P. McArthur, $16,980 and $10,399; Frank Davidson, $13,450 and $13,000; Lohman Bros., $13,123 and $12,599; Marshall-Lock Co., $12,755 and $9760; Frank Jay, $16,320 and $10,834; O. L. Cassiday, $13,200 for plumbing; Thos. Haverty Co., $18,900 for plumbing; Western Engr.-Constr. Co., $10,500; L. Z. Brown, $13,326. Electric Work—Newbery Electric Corp., $4836; English Electric Co., $5018; H. W. Hardy, $5557; Woodill-Patterson Co., $7700; Geo. L. Paterson, $7838. Painting—A. S. Grant, $5300; D. Zelinsky & Son., $5000 Alhambra Wall Paper & Paint Co., $5375; Arenz-Warren Co., $6760; Parker-Judge Co., $6762; Dresher & Heinsbergen, $7250.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 8, 12 M., bids will be rec. by J. H. Rainwater, Clerk, Hester School District, 518 Growers' Bank Bldg., San Jose, for fur. and del. 97 chair desks, plain oak; 4 flat top desks 2 rotary desk chairs; 8 plain oak chairs. **See call for bids under official proposal section in this issue.**

BANKS, STORES & OFFICES

LOS ANGELES, Cal.—See "Garages," this issue.

Contract Awarded.
STORE & LOFT Cost, $55,000
SAN FRANCISCO, N Mission 125 E 6th
Four-story and basement brick store and loft building.
Owner—Walter H. Sullivan Inc., Alexander Bldg., S. F.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

MENLO PARK, Cal.—See "Flats" this issue.

To Be Done By Day's Work—Sub-Figures To Be Taken Next Week.
STORE BLDG. Cost, $30,000
SAN FRANCISCO, N Folsom W 5th.
One-story and mez. floor reinforced concrete and tile store bldg.
Owner—M. C. Harrison.
Architect—Walter Falch, Hearst Bldg., San Francisco.

Contract Awarded.
OFFICE BLDG. Cost, $135,000
BERKELEY, SW Telegraph Ave. and Channing Way.
Five-story and basement class C Physicians office bldg.
Owner—The Lurie Co., 318 Montgomery St., San Francisco.
Architect — O'Brien Bros., 318 Montgomery St., San Francisco.
Contractor — Bay Constr. Co., Bacon Bldg., Oakland.

Figures Being Taken From A Selected List Of Contractors.
BANK BLDG. Cost, $40,000
OAKLAND, Alameda Co., Cal., Piedmont Ave., and 40th St.
One-story reinforced concrete bank building.
Owner—American Bank.
Architect—Edw. T. Foulkes, Crocker Bldg., S. F.
The bank has selected the contractors to figure the plans.

Plans Being Prepared—Figures To Be Taken Next Week.
STORE ETC. Cost, $175,000
OAKLAND, Alameda Co., Cal., Downtown district.
Three-story reinforced concrete store loft and dance hall building.
Owner—Withheld.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

Contract Awarded — Sub-figures Being Taken.
OFFICE BLDG. Cost, $350,000
OAKLAND, Cal., N 17th between Broadway and Franklin Sts.
Seven story and basement, reinforced concrete, class "B" physicians' office bldg.
Owner—An incorporation.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor—Chas. W. Heyer Jr., Mills Bldg., San Francisco, and Dalziel Bldg., Oakland.
Lumber awarded to Sunset Lumber Co. Bids wanted immediately for the steel.

Sub-Figures Being taken — Contracts Awarded.
STORE Cost, $125,000
OAKLAND, N Broadway 150 S 19th St.
Four-story and basement reinforced concrete store bldg.
Owner—Smith Bros.
Architect—Wythe & Blaine, Central Bank Bldg., Oakland.
Contractor—Chas. W. Heyer, Mills Bldg S. F. and Dalziel Bldg., Oakland.
Excavating awarded to J. Catucci, 1212 18th Ave., Oakland.
Lumber to Sunset Lumber Co.
Reinforcing Steel to Badt-Falk Co.

Contract Let.
BRICK BLDG. Cost, $20,000
MODESTO, Stanislaus Co., Calif., S W 11th and G sts.
One-story brick 80x100 ft., service department and salesroom.
Owner—W. D. Miller, Modesto, Cal.
Lessee—A. C. Shaw Motor Co., (Durant and Star Distributors), Modesto, Calif.
Architect & Contractor — Wieland & Wieland, Modesto, Cal.

Figures To Be Taken in a Few Days.
STORE BLDG. Cost, $9000
BAY POINT, Contra Costa Co., Cal.
One-story hollow tile store building.
Owner—Geo. Kellar, Martinez.
Architect—A. A. Cantin, Foxcroft Bldg. San Francisco.

LOS ANGELES, Cal. — See "Apartments," this issue.

LOS ANGELES, Cal.—Thos. Haverty Co., 8th St. and Maple Ave., has been awarded a contract on a percentage basis for installing a new heating and ventilating system in the May Department store bldg. at 8th St. and Broadway. Newbery Electric Corp. has the contract on a percentage basis for installing new electric wiring system. Albert C. Martin, 228 Higgins Bldg., architect.

LOS ANGELES, Cal.—The Milwaukee Building Co., Wright-Callender Bldg., is preparing plans and will erect a $400,000 class A 8-story retail store and studio bldg., 50x150 ft., on Hollywood Blvd. adjoining the site of the announced Hellman Bank Bldg. at Cherokee Ave., for the Platt Music Co.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 325 Pac. Finance Bldg., have been commissioned to prepare plans for a 12-story and basement class A bldg. to be erected on the east side of Broadway between 8th and 9th Sts., for the Wurlitzer Co., organ manufacturers. the first 4 fls. mezzanine fl. and basement will be occupied by the owners; the remainder will be for lofts. Steel frame and reinf. concrete construction, 51x150 ft., press. brick and terra cotta facing, plate glass, marble and tile work, elevators, steam htg.; $1,000,000.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., are preparing plans for a 12-story and basement bank and office bldg. to be erected at First St. and Pine Ave., Long Beach, for the Security Trust & Savings Bank. It will be class A steel frame constr., 75x150 ft., press. brick & terra cotta facing, plate glass windows, tile rfg., reinf. conc. fls., mahogany inter. trim., marble and tile work, 4 elevators, ornam. iron, steam htg., safety deposit vaults, bank fixtures, $1,000,000. The bank will occupy the first two stories and each of the upper ten stories will contain 26 office rooms.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick H. Wallis, 716 S Spring St., have completed plans for a 2-story store and office bldg., to be erected at s.w. cor. 7th St. and Westlake Ave. for the Loyal Realty Co. Mr. Hellbush, mgr., 9th fl. Bank of Italy Bldg.; will contain 9 stores and 34 offices. Brick walls, 90x150 ft., press. brick and terra cotta facing, cem. and hardwd. fls., plate glass, gas steam rads., metal lath, ornam. iron, metal store fronts; $85,000. Owner will erect by day labor.

LOS ANGELES, Cal.—Archt. John C. Austin, 1125 Detwiler Bldg., is preparing plans for a 13-story and basement class A bank and office bldg. to be erected at n.e. cor. Hollywood Blvd. and Ivar Ave. for the Guaranty Building & Loan Association. The Wm. Simpson Construction Co., Bank of Italy Bldg., has the contract on a guaranteed cost, fixed fee, basis. It will contain a banking room and stores in the first story, and 24 offices in each of the upper stories; dimensions, 74x150 ft.; steel frame construction for first two stories, reinforced concrete frame above, reinf. conc. floors, brick fillerwalls, press. brick and terra cotta facing, plate glass, hardwood trim, 4 elevators, marble and tile work, steam htg.; $900,000.

LOS ANGELES, Cal.—C. A. Edwards, 312 Pac. Mutual Bldg., has been awarded the contract for excavating for the 3-story and basement class A general market bldg. to be erected at s.w. cor. 7th St. and Union Ave. for Young's Market Co. The bldg. will be 150x140 ft. steel frame and brick constr., reinf. conc. fls., Bedford stone and terra cotta facing, marble and tile work, freight and passenger elevators. Bids will be taken in about 2 weeks.

SEATTLE, Wash.—Architects Howells and Albertson, Henry Bldg., commissioned to prepare plans for six-story and basement, concrete office building to be erected in entire east half of the block of 4th Ave., bet. Seneca Ave. and University St., facing the Olympic Hotel for the Metropolitan Building Company. Est. cost $1,250,000.

LOS ANGELES, Cal. — Architects Schultze & Weaver, Pac. Mutual Bldg., are preparing plans for a class A bank and office bldg. to be erected at the s.e. cor. of Hollywood Blvd. and Cherokee Ave. for the Hellman Commercial Trust & Savings Bank. It will be 12-story 57x150 ft., steel and concrete construction, press. brick and terra cotta facing, hardwood trim, elevators, steam heating.

THEATRES

LOS ANGELES, Cal. — Richardson Bldg. & Engr. Co., 141 N Larchmont Ave., has the contract to erect a class A theatre bldg., on Vine St. near Hollywood Blvd., for Walter Hast and assoc. Myron Hunt, 1107 Hibernian Bldg., archt., and E. M. Frasier, Regent Apts., supervising archt. Two-story and basement, 100x175 ft., 2 shops and theater auditorium to seat 1075 people; reinf. conc. constr., terra cotta and plas. exter., comp. rfg., marble and tile work, stage and dressing rooms, lounge and lavatory rooms, heating and ventilating system.

LANKERSHIM, L. C. Co., Cal.—Harry Cohn, general mgr. of the Waldorf Productions, is negotiating with a Los Angeles realty Syndicate for a location in Lankershim suitable for a studio. It is the plan of the company to remove its studio from Hollywood to the new site. Plans are said to be in the course of preparation for a group of bldgs. of Spanish style, stucco exter. Plans include a laboratory, three separate dressing rooms, administration bldg., carpenter and electrical shop and property bldg. Cost, about $750,000.

RIVERSIDE, Riverside Co., Cal. — Ground has been broken for a $2,000,000 motion picture studio 3 mi. east of Val Verde. The project is being constructed by Hollywood motion picture interests, according to M. P. Waite of Los Angeles. The studio which will provide accommodations for 20 producing companies, will stand in the center of a 5000-acre ranch, which will contain facilities for making almost every imaginable type of picture. The location is a few miles from Lake Elsinore. The ranch is owned by L. C. Waite of Riverside.

COMPTON, L. A. Co., Cal.—Archts. Richard D. King, 519 Van Nuys Bldg., and Frank M. Goodwin, 207 W Main St., Compton, assoc., are completing plans for a 2-story theatre, store and hotel bldg., to be erected at cor. Tamarind and Magnolia Sts., Compton, for Ramsey & Bemis, Compton; the theatre has been leased to A. J. Davenport, owner of the California theatre of Compton. There will be an auditorium to seat 850 people and designed for future balcony, stage for motion picture and vaudeville, lobby, foyer, 5 stores and 3 small shops, and 30 hotel rooms, with 75 per cent baths. Dimen-terra cotta facing, struc. steel, comp. rfg., plate glass, tile baths, steam htg. sys., marquis, O. P., $100,000 and tile fls. Bids will be taken in about 2 weeks by Mr. Goodwin at Compton.

LOS ANGELES, Cal.—Clinton Constr. Co., 230 Stock Exchange Bldg., awarded contr. by harbor comm. at $131,600, to const. conc. viaduct and ramp for Harbor Blvd., under Spec. 409; begin in 10 days; complete in 225 days.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
ALTER & ADDITION Cost, $10,211
OAKLAND, 1520 1st Ave.
Alter and addition.
Owner—Mrs. Clara A. Myers, 318 Lester Ave., Oakland.
Contractor—F. R. Brayton, 1030 Warfield Ave., Oakland.

Date of Opening Bids Extended—Figures Being Taken From Selected List of Contractors — Bids Close Sept. 27, 1923, 2 p. m.
PUB. PLANT BLDG. Cost $—
SAN FRANCISCO, Mission, 5th, Minna and Mary Sts.
Three-story and basement reinforced concrete publishing plant bldg.
Owner—Chronicle Publishing Co.
Architect—Weeks & Day 318 Montgomery St., San Francisco.
Engineer—Leland & Haley.
Bids are being taken for a general contract.

SAN FRANCISCO—See "Apartments" this issue.

CALIFORNIA—Following bids rec. Sept. 24 by State Highway Comm. to paint bridges in Mendocino and Humboldt Counties:

Chas. P. East, Eureka	$11,168.40
Jensen & Elton, Sacramento	14,818.00
J. A. Mohr & Son, S. F.	16,398.50
R. Zelinsky, S. F.	17,063.00
John C. Geneen, S. F.	20,860.00
Engineer's estimate	10,521.00

ANCHORAGE, Alaska.—See "Government Work and Supplies," this issue.

RED BLUFF, Tehama Co., Cal.—Until Oct. 8, 10 a. m., bids will be rec. by H. G. Kuhn, county clerk, to paint bridge across Sacramento river at Town of Tehama. Cert. check 10% payable to Chairman of Bd. of Sups. req. Further information and blanks for bidding obtainable from clerk.

WEIMAR, Placer Co., Cal.—Until Oct. 9, 11 A. M., bids will be rec. by Wm. Russell, Sect'y., Hospital Central Committee to erect dairy and staroge barn in Placer county. Plans by Wm. Jensen. **See cull for bids under official proposal section in this issue.**

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Domestic & Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-821 — Johnstonville, Calif. Party desires to get in touch with wholesale furniture houses selling fair grade of goods.

D-822—Big Creek, Calif. Party is in market for "dry placer" machine. This machine is on the order of the rocker but does not need water.

D-823 — Yoncalla, Ore. Brokers or manufacturing firms dealing in hardwood handles bolts or in the finished products, please get in touch with this party who has the material and ability to put out carload lots.

D-826—Seattle, Wash. Builders supply company carrying a complete line desire the representation of manufacturing concern of such material.

D-827—Glenrock, Wyo. Party desires to get in touch with manufacturer who is interested in oil burner equipment for heating purposes. Has patent, and has used one of these burners in heating their building for three winters.

D-828 — Corpus Christi, Tex. Party desires to get in touch with wholesale furniture house. Is in markte for living room suits.

D-832—St. Louis, Mo. Party desires to get in touch with prospective employer in the furniture manufacturing industry, who would entertain an application for an accounting or executive position, which may offer prospects for a candidate well qualified and prepared to assume a financial interest when mutually satisfactory.

D-816—San Francisco, Cal. San Francisco firm desires to get in touch with right type of man with selling experience, who can invest from $3000 to $5000 to cover Western territory. Can guarantee security of the business and salary between $300 and $400 a month in addition to share of profits.

7481—San Francisco, Cal. Gentleman experienced construction engineer leaving shortly for Japan, is open to accept limited number of lines from San

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

Francisco concerns, dealing with construction material, on a commission basis. Best of references.

7482—San Francisco, Calif. Northern California lumberman has three million feet of white cedar in logs which he desires to market in Japan through local lumber exported.

7484—San Francisco, Calif. Manufacturer of trailers for trucks and tractors desires representation in Orient through a local export house.

7493—Tokio, Japan. Manufacturer of electric lamps and wooden toys, of every description, desire to market their products in this territory.

LEADS FOR BUSINESS

OIL—Brady Sure Shot Oil Co., 1122 Market.
PNEUMATIC EQUIPMENT — P. H. Reardon Co., 57 1st to 665 Howard, September 20.
PUBLISHERS — Fresno Republican, 55 New Montgomery.
PERFUMES—Modern Perfumery Co., Maskey Building.
PAINT—American Asphalt Paint Co., 57 1st.
RESTAURANTS—Peter Cregovich and N Novak to buy Harbor Lunch, 5 Pacific, Sept. 22.
STOCK & BONDS—S. R. Dickover, H. B. Funke, and M. C. Elworthy, Hutton Building.
SECURITIES—C. H. Hedcraft, Stock & Bond Exchange Bldg.
TEXTILES — Frank Barke (Woolens) Foxcroft Building.
TOBACCO—California Tobacco Co. to 546 3rd.
TAILORS — L. Diamond, Commercial Building.
MISCELLANEOUS — Store, 609 Geary leased.
Store, N. W. Corner O'Farrell and Powell, G. P. Lovejoy Agent.
Chumidump Shop, 740 Sutter.
W. B. Foster, Commercial Block.
F. W. McNear, 433 California.
Midwest Air Filters Co. and Mills Co. (of Cleveland) 681 Market.
Bilhuber-Wawak Co., Commercial Bldg.
Allison Steel Products Co. 681 Market

ACCOUNTANTS—Ernst & Ernst (Mr. Howe, St. Francis Hotel) to open 8th floor Mills Bldg.
Johnson & Klang, 582 Market.
APARTMENTS — L. B. Vogt buying Mersereaus Apts., 2230 Mission, September 27.
ATTORNEYS — Helen Kalisher, 220 Montgomery.
AUTOMOTIVE—Warner Patterson Co. (supplies) 955 Post.
BANKS—Bank of Sausalito to build in month. H. H. Winner Co., Sharon Bldg., architects.
CANDY—Quality Candy Products Co. (Miss Catherine Arcega) 1255 Divisadero (may be from 2150 Mission)
CEMENT—New plant at Redwood City to start building.
CIGARS—W. F. Pariss to buy 126 Turk Sept. 26.
Chas Milligan and Homer Penn to buy 72 Ellis Sept. 27.
CROCKERY—Crescent Sales Co. (Benj. Silborstein) 1048 McAllister.
DECORATORS — Isador Kissel, 1747 Sacramento to 1751 Jackson.
DENTISTS—R. C. Brewer, 1110 Fillmore.
F. W. Young, Phelan Bldg., to 615 Flood Bldg., soon.
ELECTRICAL—Lose Electric Co., 1138 Sutter.
ELEVATORS — Otis Elevator Co. to build administration building $350,000. Grant and Beach.
HABERDASHERY—Walter J. Walter (164 O'Farrell) to open about 203 Powell.
HARDWARE—Fillmore Hardware & Crockery Co., 1220 Fillmore.
HATS—Pacific Hat Works 948 Clement.
MFRS. AGENTS—Paul W. Breggs, 171 2nd to 403 Sharon Bldg.
MARKETS — New Sacramento Fruit Market (O. Bianchi) 3029 Sacramento.
MEDICAL INSTITUTE—To be established at 1820 Clay.
PORCELAIN — Owners of proposed plant decline permission to announce name for a few days.
REAL ESTATE—Frank Pegel, 1 Montgomery to 220 Montgomery.
Riley & Co. to 3rd floor Clunie Bldg.
RESTAURANTS — Louisa Guzman to buy La Noche Buena Restaurant, 304 3rd, Sept. 28.
Tom Lee to buy Washington Restaurant, 363 3rd, Sept. 26.
Pietro Rupolo to buy Enchiladi Inn, 641 Vallejo Sept. 26.
SECURITIES—Federal Finance Corp., Exchange Blk.
SHOES—Robt. S. Adams to buy 2786 Mission, Sept. 29.
TAILOR—M. Aronson to buy 695 Mission, Sept. 27.
MISCELLANEOUS—L. A. Lysaght, 204 Sharon Bldg.
W. F. Kink Steam Power Corp., 1201 Nevada Bank Bldg., to 404-405 Balboa Building.
Harper to 3rd floor Clunie Bldg.
Paramount Organ Studios, Gillette Building.
North American Construction Co., 439 Mills Bldg. to bore 6 million dollars Moffatt tunnel in Colorado.

ACCOUNTANTS — Associated Accountants Inc. (with H. L. Landis), 485 California.
ADVERTISING — Wm. H. Gillies, 972 Monadnock Bldg.
ARTISTS—John Lustig, 185 Stevenson.
ATTORNEYS—R. C. Ramsey, 220 Montgomery.
R. C. Young, 220 Montgomery.
E. B. Davis, 593 Market.
H. A. Dibert, 369 Pine.
Greene, 465 California.
AUTOMOTIVE—Roy Mires (dealer) 724 Van Ness Ave.
M. I. Hanlon Battery & Tire Co., 2801 Howard.
Pacific Motor Car Co. and Star Car Agency, 254 to 100 Clement.
Wolverine Trailer Corp. and A. B. C. Refrigerator Body Co., Wells Fargo Bldg.
BUILDING MATERIAL—Easyset System store Front Co. (with Zouri Store Front Co.) 666 Howard.
CHEMICALS&H. G. Park, 785 Market.
CIGARS—A. Cohlentz, 205 California.
CLEANING & DYEING—A. Schlueter, 1314 Washington, Oakland, building plant.
DECORATORS—A. Rothrock & Co., 760 Market.
DENTRIFICE—Red Gum Products Co. (Dr. Creger) factory to 3952 Geary.
DRAYAGE—P. & R. Motor Drayage Co., 823 Sansome.
ENGINEERS—Geo. W. Goethals, Royal Ins. Bldg.
FILTERS—Reed Air Filter Co., 61 Fremont.
FLORIST—Helen Gay, 697 Sutter.
GRATE BARS—Ohio Foundry & Mfg. Co., Furniture Exchange.
HARDWOOD—Homer B. Maris (Chronicle Bldg.) 735 3rd.
HEATING—Baltimore Gas Appliance & Mfg. Co., Furniture Exchange.
General Water Heater Sales Co. and De Lux Water Heater Co. (with Building Materials Exhibit) 77 O'Farrell.
INSURANCE—R. W. Allan, 1 Montgomery.
Eagle Fire Insurance Co. (with Norwich Union) 234 Sansome.
G. A. Elbow & Co. (F. G. Ehman) Royal Insurance Bldg.
J. A. Rudd, 57 Post.
INVESTIGATIONS—Rasmussen Detective Service, 220 Montgomery.
LADDERS—J. B. Patterson Co., 582 Market.
LINOTYPES — Goldschmied & Zirzow (with California Demokrat) 632 Mission.
MFRS. AGENTS—Regan & Kochler, 116 New Montgomery.
MARINE SURVEYORS—G. H. Perkins, Exchange Block.
MILLINERY—R. A. Ginsberg, 760 Market.
MUSICAL—Wolfsohn Musical Bureau and Elwyn Concert Bureau, 760 Market.
OIL—Malone Oil Co. (with Binney & Smith Co.) 465 California.
PHYSICIANS — J. A. Whitaker, 46 Kearny.
Dr. R. G. Flood, 516 Sutter.
PRODUCE—J. Schmah, 338 Crescent.
PUBLICATIONS—John Wiley & Sons, Inc. (Paul R. Morrison Agency) 220 Montgomery.
RADIO — Quality Radio SChop (with Sadler Mfg. Co.) 86 4th.
Radiovox Corp., 703 Market.
INSULATION & ELECTRIC HARDWARE—Baker-Joslyn Co., 199 1st St. move to new bldg. 2nd & Bryant about Oct. 1.
LEASES — Sept. 20, 1923, Calille and Aulalie Roualdes to Geneva St. Ledger, Inverness Apts. 1651 Larkin St. 5 years $21,600.
Sept. 21, 1923, Jacob Carro, Erwin Fulda and Bernhard and Bertha Fulda to J. F. Delaney, NW Sutter and Larkin Sts., Hotel Harcourt, 1101 to 1129 Larkin St., 10 years, $150,000.
Assigned Sept. 22, 1923 to Ida May Epstine value received.
Sept. 22, 1923, Paul and Lena Priolo to Clarence and William O. Stahl, 732 Chenery St. 5 years and option of 2 years, $40 per month.
Sept. 15, 1923, Wm. Laird to Angelo R. Duperu, SE cor. Washington and Lyon Sts., No. 3191 Washington St., 5 years $3300.
FLOORS—Bonded Floors Co., 245 Mission, moving to 370 2nd St., Oct. 1.
SOAP—Oso Products Co. (E. F. Wells, Pres.) 1053 Mission St., S. F. having factory erected on Chestnut Street, bet. M & N Sts., in Livermore for the manufacture of soap, etc.
REMOVALS—Pearce Bros (real estate) from Chronicle Bldg. to Mills Bldg.
H. S. Tittle (electrical eng.) from 766 Folsom to 85 Columbia Sq.
BAKERIES—Fred Ellson to buy chain of Chatterton System of Bakeries (916 Market) Oct. 2.
CANDY—Mrs. P. Noodlman to buy 4500 18th, Oct. 3.
H. J. Biggs to buy 1881 Hayes, Oct. 2
CIGARS—D. Brown to buy 1118 Fillmore, Oct. 1.
CLOTHING—Worth's, 130 Grant Ave., to 220 Powell in February.
DRUGS—F. D. Benjamin to buy Economy Drug Store, 1355 Polk, Oct. 3.
GROCERIES—Cand W. O. Stahl to buy 732 Chenery, Oct. 2.
HOTELS—Chas. Sylvain and A. Alligule to buy Hotel Dunloe 141 Eddy October 1.
REAL ESTATE—M. R. LeBaron to 220 Montgomery.
Thos. Amandola, 220 Montgomery.
H. Ahrens, 354 Pine.
F. W. Hollman, 45 to 155 Montgomery
E. B. Hunsaker, 306 Bush to 82 Sutter
REMEDIES—Fornia Co. (with J. Baalmann Co.) 72 2nd.
RESTAURANT — Bush Coffee Shop about 709 Market soon.
Campbell Luncheonette, 1896 Sutter.
Nielson Bros., will open in new bldg., N.E. Market and Haight.
ROCK PLANT—Union Rock Co., Azusa Cal., to build plant and install much new machinery.
SHEEP SKIN SLIPPERS — Misslon Shoe Co., establishing factory State Highway and Lilly Ave., San Mateo, to open October 1.
STEEL—W. I. Osborne, 681 Market to Call Bldg.
STENOGRAPHERS—Nina Masson, 582 Market.
Stenotype Reporting Co (Miss Clegg) 120 Golden Gate Ave. to Santa Fe Building.
STOVES—Geo. D. Roper Corp. (Eclipse Gas Stove Co.) 768 Mission.
STUDIOS—Miss Johnson (dance) 841 Jones.
TAILOR—A. Abrams buying 2114 Market. October 1.
MISCELLANEOUS—Sapper & Freeman, Commercial Building.
Valla Co., 1933 Post.
Dr. J. C. Parrott, 240 Stockton.
Northwest Fruit Products Co., 625 3d.
Aaron West Co., 220 Montgomery.
Dr. E. E. Wilson, 870 Market.
P. E. Magruder, 760 Market.
Dr. J. M. Meherin, 135 Stockton.
HABERDASHERY—Thrift Haberdashery, 1107 Market St., new.
BANK — New Mercantile Trust Co., Branch under Whitcomb Hotel.
LADIES SHOP — Marquis Shop for Women and Several dept. concessions 1033 Market St., new.
CONTRACTORS—Vukicevich & Bagge from 185 Stevenson to 815 Bryant St. Phone Hemlock 3090.
LEASES—Feb. 1, 1922, A. Watkins to Agnes Twomey and Mary Whyte, SW Scott & Hayes frontage on Scott 75 and extending on Hayes 75 No. 573 Scott St. 5 years $24,000. Assigned Oct. 11, 1922 to Mary Roberts value received.
Sept. 11, 1923, Frank E. Clark to A. J. Eide and W. W. Sawden, SE cor. Grove and Divisadero Sts. 100 on E Divisadero by 125 on S Grove 9 years 2 months 20 days $52,066.66.
Sept. 24, 1923, O'Brien-Kiernan Investment Company to Adolph G. Trefz, W Taylor bet. Geary and Post No. 533 Taylor St. 10 years $21,000.
ASSIGNMENT OF LEASE—Sept. 24, 1923, Mrs. A. P. O'Connell to Rowland C. Robertson and Maud Robertson, 747 o r 29 SW Green & Broderick 35 by 100.

Official Proposals

NOTICE TO CONTRACTORS AND BIDDERS

(Tulare-Kings Tubercular Hospital Project)

Office of the Clerk of the Board of Supervisors of the County of Kings, State of California.

September 20, 1923.

Notice is hereby given that sealed proposals and bids will be received by the Clerk of the Board of Supervisors of the County of Tulare, State of California, at his office, in the Court House, in the City of Visalia, in said county and state, **up to the hour of 2 o'clock P. M., of October 18, 1923,** for the construction of proposed Children's Ward of the Tulare-Kings Joint Tubercular Hospital, at Springville, Calif., in said county.

The Board of Supervisors of the county of Kings and Tulare, both counties of the State of California, and parties to an agreement for the joint construction of this unit; will jointly meet at the place and time above set forth for the purpose of receiving and considering all bids received.

All bids must be presented under forms to be obtained from the Clerk of the Board of Supervisors of Tulare county at his office in Visalia, and said bidding blanks may be obtained in the same manner as the specifications and plans.

Proposals and bids may be substituted for either or all of the propositions, as follows:

"Bid A"—For all labor and material in connection with the general contract.

"Bid B"—Alternate omitting marble and tile and submitting plaster partitions, etc.

"Bid C"—For all plumbing and heating as per plans and specifications.

"Bid D"—For radiation in Boys' and Girls' Wards.

All plans and specifications must be returned with the bids, and a deposit of $20.00 must be deposited with the Clerk of said Board of Supervisors of Tulare county upon securing the plans and specifications.

All bids must be presented under sealed cover and indorsed "Proposal of (bidder's name) for construction of Children's Ward at Joint Tubercular Hospital." Each proposal must be accompanied by a certified or cashier's check in an amount equal to at least 5 per cent of the amount bid, made payable to the Chairman of the Board of Supervisors of the County of Tulare. Such check to be received on the condition that if the proposal of the bidder be accepted, the bidder will enter into and execute a contract for the faithful performance of the work described in the plans and specifications, and should said bidder fail to execute same within seven days (not including Sundays) from the date of notification of award, such check shall be forfeited to the counties of Tulare and Kings, to be the property of said counties. All other checks will be returned to the bidder who submit the same, and whose bids shall have been rejected.

Plans and specifications for the work, to which bidders are hereby referred, are on file in the office of the Board of Supervisors of the County of Tulare, at Visalia, at which place copies may be obtained by contractors.

A surety company bond will be required for the faithful performance of the contract in such sum as shall be fixed by the Board of Supervisors after the bids are opened, said sum to be not less than one-fourth of the estimated amount of the contract, and a further sum equal to the contract, must be furnished as required by the terms of an Act of the Legislature of the State of California, entitled, "An Act to secure the payment of claims of persons employed by contractors upon public works, and the claims of persons who furnish materials, supplies, teams, implements or machinery used or consumed by such contractors in the performance of such works, and prescribing the duties of certain public officers with respect thereto," approved March 10, 1919. (Stats. 1919, p. 487, and acts amendatory thereto).

Boards of Supervisors of said counties jointly reserve the right to reject any and all proposals, or to accept the proposal considered by them to be the best.

By order of the Board of Supervisors of the County of Kings.

(Seal) F. E. PICKERILL,
County Clerk and ex-officio Clerk of the Board of Supervisors of the County of Kings, State of California.

By GEO. A. BECK,
Deputy Clerk.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Dairy Barn—Placer County)

Office of the Secretary of the Hospital Central Committee for the counties of Amador, Colusa, Contra Costa, El Dorado, Placer, Plumas, Sacramento, Sutter, Tuolumne, Yolo and Yuba, Weimar, Placer County, California

Pursuant to an order of the Hospital Central Committee for the above named counties of California, made and entered on record on the 27th day of September, 1919.

Notice is hereby given that sealed bids will be received by the undersigned **up to and not later than the hour of eleven o'clock A. M., of the 9th day of October, 1923,** at the office of said Hospital Central Committee in the Administration Building of the Joint Tuberculosis Sanatorium near Weimar Station, Placer County, California, for the furnishing of all labor, materials and mechanical workmanship necessary for the furnishing and installing of a dairy barn and storage barn, situate on a site about one-quarter mile southwest of Weimar Station, in the County of Placer, State of California, in accordance with the plans and specifications prepared therefor by Wm. Jensen and adopted by the Hospital Central Committee for the counties above named, which said plans and specifications may be seen and examined at office of Weimar Joint Sanatorium at Weimar, California.

All bids must be submitted on blank forms furnished by the Hospital Central Committee, and must be accompanied by a certified check on some solvent bank in a sum equal to 10 per cent of the amount of the bid, conditioned that if the contract is awarded the party submitting the accepted bid will enter into contract and furnish such bond as may be required, or that failing so to do, the amount of such check will be forfeited as liquidated damages for such failure. All checks must be made payable to the order of R. E. Callahan, Chairman of the Hospital Central Committee.

The right is hereby reserved to reject any and all bids.

By order of the Hospital Central Committee for the above named eleven counties.

R. E. CALLAHAN,
Chairman.

Attest: Wm. Russell, Secretary.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO DEALERS IN FURNITURE

(Hester School District)

Notice is hereby given that sealed proposals or bids will be received by the Trustees of the Hester School District in the office of the Clerk of the Board, 518 Growers Bank Bldg., **up to Monday noon, October 8, 1923.**

Bids are requested for:

97 Chair Desks, plain oak.
4 Flat top desks.
2 Rotary desk chairs.
8 Chairs, plain oak.

All to be furnished exactly according to the design, quality, specifications and measurements of samples which may be seen at the Hester School, Hester Ave. and The Alameda, San Jose, California.

The Trustees reserve the right to reject any or all bids.

All bids must be addressed to J. H. Rainwater, Clerk of the Board of Trustees and endorsed "Bid for School Furniture."

By order Board of Trustees of the Hester School District:

PAUL PUDOLPH, President.
G. A. BEAN.
J. H. RAINWATER, Clerk.

NOTICE TO GRADING CONTRACTORS

(State Reclamation Board)

Sealed bids will be received up to **12 M. o'clock, September 29, 1923,** at Room 835, Forum Building, Sacramento, California, and then publicly opened by the Reclamation Board for the excavation of approximately 62,000 cubic yards of material for a collecting canal following the line of Poodle Creek and extensions thereof, leading to Pumping Plant Number 3, in the triangular area between the East Levee of the Sutter By-pass and the West Levee of the Wadsworth Canal, near Sutter City, California.

The canal is to be constructed with a four (4) foot bottom width with side slopes 4 to 1, varying from 2½ to 7 feet in depth. The excavated material is to be spread out on both sides of the canal so as to be not more than two feet above natural ground.

Bidder will state price per cubic yard for excavated material measured in excavation.

TERMS OF PAYMENT: Warrants of the Sacramento and San Joaquin Drainage District against the Sutter-Butte By-pass Assessment No. 6 upon completion of the job and acceptance of work by Board.

For further information Contractors communicate with Engineering Department of the State Reclamation Board, 835 Forum Building, Sacramento.

Board reserves the right to accept or reject any and all bids received.

THE RECLAMATION BOARD.
By A. B. Waugh, Assistant Secretary of the Reclamation Borad.

NOTICE TO BIDDERS

(Street Sweeper—Marysville)

The Mayor and Common Council of the City of Marysville, hereby invites sealed proposals or bids for furnishing to the City of Marysville on (1) motor-driven street sweeper with gutter attachment.

Said sealed proposals or bids shall be delivered to the undersigned Clerk of said city **on or before 8 o'clock P. M., on Thursday, the 4th day of October, 1923.** The right is reserved to reject any and all bids.

By order of the Mayor and Common Council of the City of Marysville.

Dated September 22, 1923.

(Seal) EDWARD E. STANWOOD,
Clerk of the City of Marysville.

NOTICE INVITING BIDS

Hospital Repairs—San Joaquin County

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of San Joaquin County, California, at the office of said Board in the City of Stockton, **until 11 o'clock A. M., of Tuesday, October 9, 1923** for the furnishing and satisfactory completion of all labor and materials in the erection of one full control Automatic Hydro-Electric Plunger Type Passenger Type Passenger Elevator to be placed in present elevator shaft of Ward Building of the San Joaquin General Hospital; also for the removal, repairing and replastering of walls and ceilings; also the laying of Kellastone Magnesite floor over old floors, including the furnishing of all labor and materials for all repairing and metal toilet partitions required and herein specified in Wards Nos. 1, 2, 3 and 4 of the San Joaquin General Hospital Buildings, in accordance with specifications prepared by Architect Ralph P. Morrell and adopted and filed by said Board September 18, 1923, and to which bidders are particularly referred.

Duplicate plans and specifications may be obtained at the office of the Board of Supervisors upon depositing the sum of $25.00 to insure the prompt return of same on or before the expiration of seven days.

All bids must be made on forms to be obtained at the office of the Board of Supervisors, and presented in sealed envelopes addressed to the Board of Supervisors and marked to indicate the work for which bid is submitted.

All proposals must be accompanied by United States currency or certified check made payable to the chairman of the said Board of Supervisors in the sum of 10 per cent of the amount of the bid, or by a bond for such amount, and two bonds, each equal in amount to 50 per cent of the contract price, will be required of the successful bidder.

The Board reserves the right to reject any or all bids.

By order of said Board made September 18, 1923.

NOTICE TO CONTRACTORS

Building Extension—Pearl Harbor, T.H.

SEALED proposals, indorsed "Proposals for Battery Storage Building, Pearl Harbor, Hawaii, Specification No. 4910," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., November 7, 1923, and then and there publicly opened, for an extension of existing building at the Naval Operating Base (Submarine Base), Pearl Harbor, T. H. The work includes plain and reinforced concrete, concrete piles; concrete blocks; wood sash, doors and finish; built-up roofing; sheet metal work; steel door frames; monorail and trolleys; hardware; painting and glazing; drains; and electric lighting. Drawings and Specification No. 4910 may be obtained on application to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specifications. L. E. Gregory, Chief of Bureau, September 12, 1923.

BIDS WANTED FOR HOSPITAL ADDITION

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11 a. m., Sept. 29, 1923, for constructing a concrete dispensary and dental clinic at Letterman General Hospital, Calif. Information upon application.

NOTICE TO CONTRACTORS

(Santa Rosa High School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the City of Santa Rosa High School District, Sonoma County, State of California, in the present High School Annex Building in Santa Rosa, **at 8 P. M., October 29, 1923**, for the erection and completion of a concrete and brick High School Building in the City of Santa Rosa, State of California, according to plans and specifications prepared for the same by W. H. Weeks, Architect.

Bids will be received on the work as follows:—

Excavating, grading and concrete work.
Mason work.
Marble work.
Terrazzo work
Composition Floor work.
Carpenter Work including Steel work.
Finish Hardware.
Glass and Glazing.
Blackboards.
Composition Roofing.
Terra Cotta Tile Roofing and Slate Roofing.
Lathing and Plastering.
Cast Cement Work.
Electrical Work.
Window Shades.
Linoleum.
Plumbing.
Sheet Metal Work.
Painting.
Heating and Ventilating.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine street, San Francisco, California, or at the office of W Herbert, Architect, Rosenberg Building, Santa Rosa, California.

All bids should be presented on bid forms furnished by the Architect.

Each bid must be accompanied by certified check on some responsible California bank in the sum of not less than Five per cent (5%) of the amount bid made payable to Mrs. Sara N. Hatch, Clerk of the Board of Trustees of the Santa Rosa Union High School District, for the purpose stated in the specifications.

Each bid must be enclosed in sealed envelope and addressed to Mrs. Sara N. Hatch, Clerk of the Board of Trustees, and endorsed: "Proposal for New High School Building."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board of Trustees, at her office in the present High School Annex, in the said City of Santa Rosa, at the time and place of meeting above stated; or any time up to the hour of opening of said bids.

SARA N. HATCH,
Clerk of the Board of Trustees of the Santa Rosa Union High School District, Santa Rosa, California.

"A considerable decline," in the national lumber movement for the first week of September was reported by the National Lumber Manufacturers' Association. An increase of unfilled orders from 548,000,000 feet to $563,574,584 feet was reported by 131 West coast and 129 Southern mills. For all mills, shipments were 81 per cent and orders 82 per cent of production. Actual production was 102 per cent of normal. Orders dropped from 237,000,000 feet while production fell from 270,000,000 feet the preceding week to 249,000,000.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Engineering News Section

BRIDGES

WASHINGTON, D. C.—Chief of Engineers of the War Department has declined to issue a permit to the Delta Bridge Corporation for the construction of a bridge across the San Joaquin river between Sherman Island and Antioch. Both proposals, offered by the bridge corporation, were turned down on the ground that they would interfere with navigation. The company will be officially notified by the War Department, however, that the Department will consider another application for the proposed structure at West Island, approx. 1 mi. distant from the site where it was proposed to build the original bridge.

SACRAMENTO, Cal.—Until Oct. 15, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to const. wooden trestle on Elk Grove-Florin rd., about 1-mi. north of Elk Grove. Cert. check 10% payable to Chairman Bd. of Sups. req. Plans obtainable from clerk.

SAN BERNARDINO, Cal.—County supervisors and the U. S. Dept. of Agriculture have signed agreement to erect conc. bridge over Big Bear Valley dam, to complete the Deep Creek cut-off. The County will pay the cost, providing it does not exceed $30,000. The dept. of agriculture will pay all cost exceeding this figure. The bridge is to be 21 ft. wide, and work will start at once. E. T. Ham, county surveyor.

SANTA ROSA, Sonoma Co., Cal. — County supervisors to reconstruct all bridges and culverts destroyed in the recent forest fires. All work will be done on a cost plus basis, the contractors to whom the work is let to furnish all labor and materials. Walter Proctor, Santa Rosa, has been awarded cont. to construct bridge spanning Austin creek bet. Monte Rio and Duncan Mills.

PORTERVILLE, Tulare Co., Cal.—No bids rec. by city trustees to const. bridge over Porter slough in Main St. and bids have been ordered readvertised. Fred Pease, city eng.

ARROYO GRANDE, Cal.—City trustees reject bids to const. 110 ft. span rein. conc. arch bridge in Mason St., Burch and Beck, engineers, San Luis Obispo. Lisher and Carillo, Napa, submitted low bid at $21,840.

TUCSON, Ariz.—Until 2 p. m., Oct. 5, bids will be rec. by state highway com., Phoenix, to const. 9 structures adjacent to federal aid project No. 66, on the Tucson-Nogales highway, involv. 900 cu. yds. excav; 1400 cu. yds. borrow; 85 cu. yds. structural conc.; and other incidental items. Plans and spec. from state engr. upon payment of $5. Cert. check 5%. F. R. Goodman, state engr. The longest of the nine bridges is that over the Santa Cruz river at Continental. Conc. construction, 120 ft. long. The other eight structures are from 37 to 109 ft. in length, of conc. spans.

SAN LUIS OBISPO, Cal.—Wm. Lane, Paso Robles, at $4023 awarded cont. by city council to const. bridge in Chorro St. over San Luis Creek. W. H. Porter bid $4849, allowing $400 for old bridge.

RED BLUFF, Tehama Co., Cal.—See "Miscellaneous Construction," this issue. Bids wanted for bridge painting.

SAN BERNARDINO, Cal.—County Surveyor E. T. Ham and Commissioner James W. Cole have started work on the 60-ft. steel girder bridge across Warm Creek on Waterman Ave., a joint porject financed by the city and county. The work is being done by force account. Cost, $9000.

MODESTO, Stanislaus Co., Cal.—Until Oct. 9, 10 A. M., bids will be rec. by C. C. Eastin, Jr., County Clerk, to const. 16 rein. conc bridges, as follows:

Proposition 1. Road Districts 1 and 4.

Bridge No 287 over Maxwell Creek; east of Warnerville.

Bridge No. 288 over a Dry Creek; 2½ miles east of and ¾ mile north of Riverbank.

Bridge No. 300 over M. I D. Lat No. 4; on Orangeburg Ave.

Bridge No. 301 over M. I. D Lat No. 2; on Claus Road.

Bridge No. 302 over M. I. D. Main Canal; 1 mile south of Riverbank.

Proposition 2: Road District 3.

Bridge No. 296 over M. I. D. Lat. No. 3; south of Hart School.

Bridge No. 297 over M. I D. Lat. No. 7; on Dakota Ave.

Bridge No. 298 over M. I. D. Lot No. 6; on Dale Road.

Bridge No 299 over M. I. D. Main Canal; on Carver Road.

Proposition 3: Road District 2.

Bridge No. 289 over T. I. D. Ceres Main Canal; just south of Hatch Road and 2¾ miles east of State Highway.

Bridge No. 290 over T. I D. Ceres Main Canal; about ¾ mile west of A. T. & Santa Fe R. R.

Bridge No. 291 over T. I. D. Ceres Main canal; about ¾ mile east of A. T. & Santa Fe R. R.

Bridge No. 292 over T. I. D Lat. No. 3; just east of A. T. & Santa F R. R.

Bridge No. 293 over T. I. D. Lat. No. 3; ½ mile north of Denair.

Bridge No. 294 over T. I. D. Lat. No. 4; on the road south of Denair.

Bridge No. 295 over T. I. D. Lat. No. 3; on the Carpenter Road.

Proposition 4: Road Districts 1, 2, 3 and 4. Proposition No. 4 shall contain a lump sum bid for the const. of all sixteen bridges.

Cert. check 10% req. with each bid. Plans obtainable from County Surveyor, J. H. Hoskins.

YUBA CITY, Sutter Co., Cal.—Until Oct 15, 10 A. M., bids will be rec. by Albert B Brown, County Clerk, to replace Chandler bridge over Marcum Slough, near Marcum school, in Rd. Dist No. 5. Structure to be constructed of new concrete piers now at site. Cert check 10% payable to Chairman of Bd. of Sups. req. Plans on file in office of Clerk. C. W. Lanzendorf, county highway commissioner.

MERCED, Merced Co., Cal.—E. K. Angle, Dos Palos, at $5500 awarded cont. by supervisors to const. bridge No. 118 over Los Banos creek on Gustine-Los Banos highway, near Trent and about 1½-mi. n.w. of Los Banos. Other bids: Merced Concrete Pipe Co., $6450; Carlson Bros., $5970.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

SANTA ROSA, Sonoma Co., Cal. — City Eng. Geo. F. Comstock preparing spec. for bridge over Santa Rosa creek at A St.; est. cost $20,000. Will consist of structure 36-ft. in length, 24-ft. roadway, cantilever approaches. Bids recelved for this structure under plans for former city eng. L. L. Mills rejected.

PORTLAND, Ore.—Until Oct. 22, 10 a. m., bids will be rec. by Multnomah Co. Commissioners, Jos. W. Beyeridge, clk., to const. 5 conc. piers and 2 conc. abutments for a rein. conc. arch bridge, consisting of six spans, 267 ft. center to center of piers, across Willamette river, in city of Portland. Piers and one abutment to be sunk by pneumatic process. Project involv. 16,621 cu. yds. mass in abutments and piers; 197,020 lbs. reinforcing steel. Cert. check 10% payable to County Commission req. with each bid. Plans obtainable from Hedrick and Kremers, Consulting Engineers, 250½ Third St., Portland, on deposit of $100, $75 of which will be refunded on return of plans.

MERCED, Merced Co., Cal.—E. K. Angle, Dos Palos, at $12,800 submits low bid to county supervisors to const. two conc. bridges, over double canal on Pacheco Cross lateral on Calif. state highway, 1 mi. west of Los Banos. Other bids: Carlson Bros., Turlock $15,000; deWaard and Cobham, San Diego, $21,936. Taken under advisement until Oct. 3. W. E. Bedesen, county surv.

MERCED, Merced Co., Cal.—Following bids rec. by county supervisors to const. bridge No. 117, over Owens creek on Lone Tree and Hartley road, 12-mi. s.w. of Merced: E. K. Angle, $3000; Merced Concrete Pipe Co., $2800; Carlson Bros., $2940. All bids rejected as being too high. W. E. Bedesen, county surveyor.

PORTLAND, Ore.—Until Oct. 22, 10 a. m., bids will be rec. by Multnomah County Commissioners, Jos. W. Beveridge, county clerk, to const. 2 conc. piers and 2 conc. abutments for bridge across Willamette river, at Burnside St., city of Portland. Piers and abutments to be sunk by pneumatic process, involv. 37,900 cu. yds. mass in abutments and piers; 200,000 lbs. reinforcing steel. Cert. check 10% payable to County Commission req. with each bid. Plans obtainable from Hedrick & Kremers, Consulting Engineers, 250½ Third St., Portland, on deposit of $100 $75 of which will be refunded in return of plans.

RED BLUFF, Tehama Co., Cal. — W. L. Thompson at $19.80 cu. yd. awarded cont. by supervisors to place rip rap around piers of Woodson bridge.

SANTA CRUZ, Santa Cruz Co., Cal.—County Surveyor Lloyd Bowman preparing Spec. for new bridge over Waddell creek.

DREDGING, HARBOR WORKS AND EXCAVATIONS

See "Government Work and Supplies" this issue.

OROVILLE, Butte Co., Cal.—Daniel Bayles, Biggs, Calif., awarded cont. by Hutchinson Lumber Co. to treble the size of the company's mill pond. Present pond covers area of approx. 8 acs., the contract calling for pond covering area of 27½ acres.

BYRON, Contra Costa Co., Cal.—See "Official Proposal" section in this issue, Byron-Bethany Irrigation District. Bids wanted for Pumping plants, electric motors, pipe lines, ditch excavations, etc.

CALIFORNIA — State Reclamation Board, Forum Bldg., Sacramento, disposes of recent applications as follows:

District 1500—Approval of plans for construction of current retards at Collins Eddy. Granted.

District 1500—Approval of plans for Moroni pumping plant along river levees. Granted with reservation that valve gates be installed on both sides of levee.

District 1500—Approval of plans for R. H. Bailey pumping plant. Granted with reservation that valve gates be installed on both sides of levee.

Highway commission — Approval of plans to pave bridge approach on levee near Isleton. Granted.

Walters pumping plant — Temporary permission granted.

District 1160—Approval of plans for drainage conduits. Temporary permission granted.

Pacific Gas and Electric Company. Approval of plans for substation on Wadsworth Canal. Granted with reservations.

LOS ANGELES, Cal. — Pan-Pacific Constr. Co. submitted low bid to harbor comm. at 12.87c cu. yd. to dredge 640,000 cu. yds. material for slip at berths 214-217 under spec. 524. Time limit, begin 100 days, complete in 165 days. Other bids were: United Dredging Co., 15.73c; L. A. Dredging Co., 16.49c; San Francisco Bridge Co., 16.9c.

NILES, Calif.—See "Reservoirs and Dams," this issue.

IRRIGATION PROJECTS

PHOENIX, Ariz.—Until 3 p. m., Oct. 9, bids will be rec. by directors of Queen Creek Irrigation Dist., 301 Ellis Bldg., Phoenix, to fur. and install 11 deep well turbine centrifugal pumps and 17 75-h.p. electric motors with transformers, starters and incidental equipment; all material and drilling and casting 10 20-in. wells approx. 400 ft. deep; furnishing and laying 74,000 lin. ft. 15-in. conc. irrigation pipe with gates and appurtenances. Plans and spec. on file at office of Olmsted & Gillelen, 1112 Hollingsworth Bldg, L. A. upon payment of $1, Bonds in the sum of $300,000 have been voted.

BYRON, Contra Costa Co., Cal.—See "Official Proposal" section in this issue' Bids wanted by Byron-Bethany Irrigation District. Pumping plants, electric motors, pipe lines, ditch construction, etc.

HANFORD, Kings Co., Cal.—An irrigation meeting at which Engineer Lippincott and Engineer Max Enderlein submitted data and figures to the South Kings river ditch companies, through their attorneys and officials present, regarding the benefits and costs of irrigation under the Pine Flat project, was held here recently. Besides the officials mentioned there were present W. P. Boone, chairman of the Kings river water-storage district; C. L. Kaupke, state water master, and E. F. Houghton, San Francisco attorney, representing large landed interests in Kings county.

CONCORAN, Kings Co., Cal.—Until Oct. 16, 10 a. m., bids will be rec. by D. I. Drown, secy. Corcoran Irrigation District, for enlargement of concrete syphon, Lakelands Unit No. 1, Station 485-90, involv approx. 170 cu. yds. conc. with necessary excavation, filling, etc. Cert. check 10% payable to President of Dist. req. Plans on file at office of secy of district at Corcoran and obtainable from Thos. H. Means, ch. eng. or district, 369 Pine street, San Francisco, on deposit of $10.

LIGHTING SYSTEMS

TURLOCK, Stanislaus Co., Cal—Election will be held Oct. 23 in Turlock Irrigation District to vote bonds of $500,000 to finance improvements to irrigation system including canal lining.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares inten. to install 350 electroliers with conduits and appurtenances in portions of Broadway, N-Broadway, J St., Forthcamp, Wishon and Olive Aves. etc., and installation of conduits in portions of Belmont, Mildreda and Webster Aves. All standards to be combination of c.i. and steel with single lamp globe. Standards to be set on cem. conc. base, 2-ft. deep and 2-ft. sq. Conduit to be galv. metal tubing containing wire conductors. 1911 Act. Protests Oct. 11. Wm. Stranahan, city eng.

PHOENIX, Ariz.—Arizona Iron Wks. awarded cont. by city commission to const. 30 light standards at $38 each, to be delivered to specified locations on 3rd and 4th Aves. and Madison and Jackson Sts.

SAN MATEO, San Mateo Co., Cal. — City trustees, E. W. Foster, clerk, declares inten. to install 24 c. i. single lamp electroliers in portions of B St. and 9th Ave., complete with globes, sockets, lamps, etc., underground galv. iron. conduit and insulated copper wires in one circuit. 1911 Act & Bond Act 1915. Protests Oct. 8. G. Stanley whitehead, city eng.

MODESTO, Stanislaus Co., Cal. — Until Oct. 16, 10 a. m., bids will be rec. by C. C. Eastin, Jr., county clerk, to install, maintain and operate a complete system of street and highway lighting for Salida Highway Lighting District. Cert. check $100 req. with each bid. Spec. on file in office of county clerk.

ANCHORAGE, Alaska.—See "Government Work and Supplies," this issue.

NEWPORT BEACH, Cal.—See "Streets and Sewers," this issue.

MACHINERY & EQUIPMENT

MARYSVILLE, Yuba Co., Cal.—Until Oct. 4, 8 p. m., bids will be rec. by Edward B. Stanwood, city clerk, for fur. and del. one motor-driven street sweeper with gutter attachment. Further information obtainable from clerk. **See call for bids under official proposal section in this issue.**

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

VALLEJO, Solano Co.—A. E. Edgecumbe, city clerk, instructed by council to call bids for installation of modern street paving plant; est. cost, $15,000. T. D. Kilkenny, city eng.

CHICO, Butte Co., Cal.—City council, Ira R. Morrison, city manager, will purchase machine to be used in repairing asphalt streets. Will cost approx. $500.

SAN FRANCISCO—Board of Super- Board of Public Works to ask bids for fur. and del. motor buses for Embarcadero bus line service.

BAKERSFIELD, Kern Co., Cal. — Until Oct. 11, 7:30 p. m. bids will be rec. by W. F. Whitaker, secy. Bakersfield School District, for fur. one power lawn mower.

AZUSA, Cal. — See "Factories and Warehouses," this issue.

BYRON, Contra Costa Co., Cal.—See "Official Proposal" section in this issue. Byron-Bethany Irrigation District. Bids wanted for Pumping plants, electric motors, pipe lines, ditch excavations, etc.

ANTIOCH, Contra Costa Co., Cal.—Masonic and Odd Fellows Cemetery Ass'n., will consider bids Oct. 3, at regular trustees' meeting for purchase of following materials, no longer required: 1 10-ft. aermotor windmill; 1 40-ft. galv. steel tower. Deposit of 10% req. with each bid. Further information obtainable from J. Frederickson, Sect'y., of Ass'n., at Antioch.

FAIRFIELD, Solano Co., Cal. — County Hospital Committee authorized by county supervisors to purchase Fordson tractor for use on county hospital grounds. G. G. Halliday is county clerk.

RAILROADS

SACRAMENTO, Cal.—Pacific Gas and Electric Co., 445 Sutter St., C. W. McKillip (Sacramento District Manager) will relocate car tracks in Y St., bet. 10th St. and Riverside Dr. and install a siding at Moreing Field, accommodating 15 cars. Construction will cost approx. $16,000.

MERCED, Merced Co., Cal.—No action will be taken by Merced Irrigation District in the matter of awarding a Yosemite Valley Railroad, until bids have been asked for the construction of the Exchequer dam project. Revised plans for this unit of the project are being completed and it is expected bids for construction will be asked about Sharon Bldg., San Francisco, are chief engineers for district.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy instructed to prepare plans and specifications for Municipal railway extension in Judah St., from Cole and Carl Sts., to Ocean Beach.

FIRE ALARM SYSTEMS

SACRAMENTO, Cal.—Gamewell Fire Alarm and Telegraph Co., 939 Larkin St., San Francisco, at $23,931 submits low bid to city commissioners to install underground and aerial police and fire alarm systems. Fire Protection Engineering Co., 67 Main street, San Francisco, only other bidder at $24,750. Taken under advisement. Albert Givan, City Eng.

FIRE EQUIPMENT

SELMA, Fresno Co., Cal.—Bonds of $18,000 voted to finance purchase of fire fighting equipment and reconstruction of present fire station.

BAKERSFIELD, Kern Co., Cal. — Fire Chief W. E. Van Meter and City Manager Ogden are preparing lists of equipment required for fire department and will recommend purchase of same to city council.

STOCKTON, San Joaquin Co., Cal.—City council will ask bids shortly for fur. two triple combination pumpers, one 75-ft. aerial truck and one combination city service truck for fire department. Purchase of equipment recommended by City Mgr. Ashburner. W. B. Hogan is city engineer.

SANGER, Fresno Co., Cal.—Bonds of $30,000 voted to finance purchase of fire fighting equipment and erection of fire station. Of the total amount voted $12,500 will finance purchase of equipment.

HAYWARD, Alameda Co., Cal.—City trustees authorize purchase of 300 ft. 2-in. and 200-ft. 1½-in. hose for fire department. M. B. Templeton is city clerk.

MISCELLANEOUS SUPPLIES

MADERA, Madera Co., Cal. — Until Oct. 10, 8 p. m., bids will be rec. by M. H. Tyrrell, clerk, Madera School District for fur. and del. 6000 gals. fuel oil; 18 to 20 gravity; bidders to submit offers f. o. b. Madera. Further information from clerk.

OAKLAND, Cal.—Until Oct. 4, 12 m., bids will be rec. by Eugene K. Sturgis, city clerk, for fur. and del. 14 ventilators and bases. Bond of 25% req. of successful bidder. Further information obtainable from city clrk.

RESERVOIRS AND DAMS

See "Government Work and Supplies" this issue.

OROVILLE, Butte Co., Cal. — Eng. Lars Jorgenson, Hobart Bldg., San Francisco, completes plans for Concow dam to be constructed in Concow Valley by the thermalito Irrigation District of which S. J. Norris, Oroville, is ch. eng. Bids will be asked in the immediate future. Will be of constant angle concrete type; to be constructed under the unit plan, first unit being 75-ft. in height with provisions to be heightened to 180-ft. Length at base is 270 ft. Further mention of this work will be made when bids are desired.

NILES, Alameda Co., Cal—C. A. Bruce & Sons, awarded cont. by Spring Valley Water Works, San Francisco, to construct embankment for reservoir near Niles, approx. 1-mi. east of the town on bid of 6c per sq. yd. for stripping soil; 85c cu. yd. for excavation and roll and fill; 70c cu. yd. for all excavmaterial wasted. Work to be completed in 100 days.

MERCED, Merced Co., Cal—State Bonding Commission has authorized Merced Irrigation District to spend $380,000 to place concrete in bottom of river fat Exchequer, to prepare for dam and to purchase land in reservoir site. Starr, Thebo and Anderton, Sharon Bldg., San Francisco, chief engineers for district.

PIPE LINES, WELLS, ETC.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 2, bids will be rec. by public service comm., 207 S Broadway, for riveted sheet steel pipe and fittings under spec. 690. Jas. P. Vrooman, secy.

SAN FERNANDO, Cal.—So. Cal. Well Drilling Co., 204 Wilhardt St., Los Angeles, submitted only bid to city trustees for drilling 18-in. well. The bid was $11.38 per ft. up to 250 ft.; $10.80 250 to 300 ft.; $10.80 bet. 300 to 400 ft. Bid referred to E. L. De Remer, supt. water department.

BYRON, Contra Costa Co., Cal.—See "Official Proposal" section in this issue. Bids wanted by Byron-Bethany Irrigation District. Pumping plant, electric motors, pipe lines, ditch construction, etc.

PHOENIX, Ariz. — See "Irrigation Projects," this issue.

MARYSVILLE, Yuba Co., Cal.—See "Streets and Sewers," this issue. Bids wanted.

EUREKA, Humboldt Co., Cal.—Mark-Lally Co. 2nd and Tehama Sts., San Francisco, at $.1688 ft. awarded cont. by council for furnishing 12,500 ft. 2-in. stand. black pipe, random lengths, del. 30 days after award, f. o. b. Eureka.

SACRAMENTO, Cal.—Until Sept. 27 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, for fur. and del. 1000 ft. 12-in. c. i. pipe, to conform to standards of Amer. Water Works Assn. or equal. Cert. check 5% payable to City Controller req. Spec. on file in office of clerk. Albert Givan, city clk.

SEWAGE DISPOSAL PLANTS

TRACY, San Joaquin Co., Cal.—For the second time, the city has rejected bids received to construct sewage disposal plant. Plans will probably be revised and new bids asked. Low bid under last call was submitted by Davis-Haller-Pearce Co., Delta Bldg., Stockton, at $63,408. Clyde F. Smith, consulting engineer, 516 Santa Barbara Rr., Berkeley.

MISCELLANEOUS CONSTRUCTION

MERCED, Merced Co., Cal.—Materials are being assembled by crews of the San Joaquin Light and Power Co., of Fresno, for a 100,000 cu. ft. gas tank at the company plant in 15th St.; est. cost $15,000.

DENVER, Colo.—Tinkler and Hitchcock (C. C. Tinkler), Mills Bldg., San Francisco, at approx. $5,250,000 awarded contract by Moffat Tunnel Commission to construct Moffat tunnel, piercing the Continental Divide west of Denver. The contract covers 6.05 miles of bore.

BYRON, Contra Costa Co., Cal.—See "Official Proposal" section in this issue. Byron-Bethany Irrigation District. Bids wanted for Pumping plants, electric motors, pipe lines, ditch excavations, etc.

WATER WORKS

ORANGE, Cal.—An election will be held in Orange county waterworks dist. No. 2 to vote $30,000 bond issue for a waterworks system. J. M. Backs, county clerk.

NEWPORT, Ore.—Eng. P. W. Beasley Railway Exchange Bldg., Portland, preparing estimates of cost for improvements to water supply system with a view to increasing supply in near future.

UPLAND, Cal.—A bond of $224,000 for a municipal water system has been approved by a vote of 398 to 7. The funds will be used to purchase private waterworks and make additions.

CALEXICO, Cal.—City trustees plan election to vote $85,000 bond issue for increasing the city water facilities. About $15,000 will be expended for city filters. The balance will be used for extensions to water mains and new hydrants.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 5, bids will be rec. by public service comm., 207 S Bdwy., for gate valves under spec. 689. Jas. P. Vroman secretary.

ANCHORAGE, Alaska—See "Government Work and Supplies," this issue.

OAKLAND, Cal.—City council contemplates extension of down town high pressure water system out San Pablo Ave. and Telegraph Ave. as far as 26th st., and up Broadway to Piedmont Ave. Twelve inch mains will be installed along all of the arterial sts. W. W. Harmon, city eng.

HUNTINGTON PARK, Cal.— Byron Jackson Pump Machinery Co., Los Angeles, awarded contr. by city trustees at $1159, for one horizontal centrifugal pump. Other bids were: Smith-Booth-Usher Co., $1135; Fairbanks, Morse Co., $1196.70.

SANTA MONICA, Cal.—Olmsted & Gillelen, Hollingsworth Bldg., Los Angeles, awarded contract for complete survey of water facilities of Santa Monica to determine best development to supply city for next 40 years. The report will be submitted Nov. 1.

COMPTON, Calif.—See "Bonds," this issue.

SAN DIEGO, Cal. — Bent Bros., Los Angeles, awarded contr. to furnish city purchasing dept. with 164 ft. 54-in. conc. pipe.

MARYSVILLE, Yuba Co., Cal. — Geo. Roberts, Marysville, (representing United Iron Works, Oakland,) at $3645 awarded cont. by city council to install electrically operated pump for city sump.

PHOENIX, Ariz. — See "Irrigation Projects," this issue.

SAN BRUNO, San Mateo Co., Cal.—Until Oct. 10, 8 p. m., bids will be rec. by Nettie A. Willits, city clerk, to construct water distributing system in section of city, the city to furnish all pipe and fittings. Cert. check 10% payable to city req. Geo. A. Kneese, county courthouse, Redwood City, city engineer.

CALIFORNIA—See "Dredging, Harbor Works," this issue. Applications granted by State Reclamation Board.

SANTA ROSA, Sonoma Co., Cal.—City council will connect Sonoma Ave. and Fourth St. water mains with 10-in. pipe line. Geo. F. Comstock, city eng.

VALLEJO, Solano Co., Cal.—City Engineer T. D. Kilkenny instructed to prepare spec. for enlargement of fire mains, work to be financed from funds appropriated in budget. Alf E. Edgecombe, city clerk.

NEWPORT BEACH, Calif. — See "Streets and Sewers," this issue.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. · 24 VAN NESS AVENUE
Junction Valencia · Phone Market 8926 · Near Market

ALAMEDA, Alameda Co., Cal.—City Manager Clifton E. Hickok will be instructed by city council to prepare estimates of cost for the installation of a salt water fire fighting system in Alameda.

BYRON, Contra Costa Co., Cal.—See "Official Proposal" section in this issue. Bids wanted by Byron-Bethany Irrigation District. Pumping plants, electric motors, pipe lines, ditch construction, etc.

EL SEGUNDO, Cal.—Wm. Ward, Los Angeles, awarded contr. by city trustees at $795.75 to const. conc. foundation for elevated steel water tank for city of El Segundo. Other bids were: R. A. Murdock, $920; Mercereau Bridge & Constr. Co. $1019; Johnson Engineering Co., $1070.

Bids for constructing the pump house were: Mercereau Bridge & Constr Co., $661; R. A. Murdock, $694; Johnson Engineering Co., $920.

VALLEJO, Solano Co., Cal. — City council will purchase six double-gate hydrants, funds for which were provided in the budget. T. D. Kilkenny, city engineer.

MARYSVILLE, Yuba Co., Cal. — Byron-Jackson Pump Mfg. Co., 55 New Montgomery St., San Francisco, at $3259, submits low bid to city council for electrically operated pump for city sump. Other bids: United Iron Works, Oakland, $3770; Geo. W. Roberts, $3645.

PLAYGROUNDS AND PARKS

RICHMOND, Contra Costa Co., Cal.—City council contemplates bonds issue for $150,000 to finance construction of municipal hospital and $50,000 for municipal swimming pool. Election will probably be held Nov. 6. A. C. Faris, city clerk of Richmond.

KING CITY, Monterey Co., Cal.—Until Oct. 8, 2:20 p. m., bids will be rec. by Wm. C. Waibel, clerk, King City Union High School District, to construct tennis court, from plans of Howard Cozzens, county surv. Spec. obtainable from clerk.

RICHMOND, Contra Costa Co., Cal.—City council plans to purchase block bounded by Bissel and Macdonald Aves., 12th and 13th Sts., as site for park and American Legion Memorial building.

SEWERS & STREET WORK

CENTERVILLE, Alameda Co., Cal.—W. J. Tobin, 527 Santa Ray Ave., Oakland, at approx. $68,750, submits low bid to trustees of Union Sanitary District, to const. sewers and outfall from plans of Eng. Geo. A. Posey, Courthouse, Oakland. Other bids were: Jas. Currie, $71,250 (approx.); Heafey-Moore and McNair, $70,250 (approx.). Taken under advisement. Project involv. 6105 ft. 14-in., 6414 14-in., 1393 ft. 12-in., 17,972 ft. 10-in., 30,186 ft. 8-in., and 12,723 ft. 6-in. sewer; 67 manholes; 59 lampholes; 4 flush tanks; 50 12-in., 100 10-in., 150 8-in., 500 6-in. wyes, etc.

GLENDALE, Cal.—Cornwell & Henderson, 120 S Glendale Ave., Glendale, submitted low bid to council to imp. Raymond Ave. and 10th St., involving 1100 lin. ft. grading $1.25 ft.; 29,336 sq. ft. 3-in. macad. 10.5c ft.; 1964 ft. B curb 50c ft.; 5626 sq. ft. walk 17c ft.; 1138 ft. 4-in. cast iron pipe complete, $1790. Other bids were:

Peter L. Ferry—$.50 grading; 11c 3-in. paving; 50c curb; 18c walks; $2000 pipe.

E. L. Fleming — $1.40 grading; 11c paving; 50c curb; 17c walk; $1900 pipe.

E. L. Fleming, 1007 S Boynton St., Glendale low bidder to imp. Rallege St. and Adams St., involv. 584 lin. ft. grading 10c ft.; 17,783 sq. ft. 3-in. macad. pavement 10c ft.; 1212 lin. ft. curb 50c ft.; 5959 sq ft. walk 17c ft.; 650 ft. 4-in. cast iron pipe $1140 (complete). Other bids were:

C. L. Hill—30c grading; 11c macad. paving; 50c curb; 18c walk; $1130 pipe.

Frank R. Mosher—30c grading; 10.5c macad. paving; 50c curb; 17c walk; $1-$86 pipe.

COLFAX, Placer Co., Cal.—Bonds of $25,000 voted to pave main streets to connect with Auburn-Colfax State highway. Concrete pavement will be laid.

NEWPORT BEACH, Cal.—City trustees are considering resolutions of intent. for imp. costing approx. $300,000. Plans prepared by City Engr. Paul E. Kressly, 732 H. W. Hellman Bldg., Los Angeles, are embraced in resolutions Nos. 251, 252, 253 and 255 and provide for street paving, water distributing system, ornamental lights, sewer facilities. All these improvements will be made on the Peninsula below Balboa, where David Blankenhorn Co., of Pasadena, is subdividing a large tract.

COMPTON, Calif.—See "Bonds," this issue.

RICHMOND, Contra Costa Co., Cal.—Until Oct. 8, 8 p. m., bids will be rec. by A. C. Faris, city clerk, to imp. Maine Ave., bet. 23rd St. and S. P. right of way, involv. grading and paving with Richmond Standard macadam; cem. conc. curbs with galv. steel bars; cem. conc. gutters, sidewalks, wing walls and portals and cem. conc. and corru. iron or steel culverts; and 27th St., bet. Maine Ave. and Cerritos Addition by grading and paving with Richmond stand. macadam; cem. conc. curbs and r.w. headers. 1911 Act. Cert. check 10% payable to city req. H. D. Chapman, city eng.

NAPA, Napa Co., Cal.—Edw. P. Ball, county surveyor, preparing estimates of cost for sewer from Napa river to county infirmary.

TURLOCK, Stanislaus Co., Cal.—Until Oct. 2, bids will be rec. by A. P. Ferguson, city clerk, to imp. Washington Ave. bet. North Center and Thor St., bet. Wolfe Ave. and Canal Dr., including intersections and 25 ft. of Lincoln Ave. on each side of Thor St., by grading; pave with 3-in. asph. conc. base and 1½-in. Warrenite-Bitulithic surface; cem. conc. curbs and gutters; corru. iron culverts. Cert. check 10% payable to city rek. Horace Hall, city engineer.

NAPA, Napa Co., Cal.—Harry Thorsen, St. Helena, at $1860 awarded cont. by supervisors to furnish and spread 1,500 cu. yds. screened gravel on road from Rutherford to Conn Canyon and from Oakville to Conn Creek. Other bids: Basalt Rock Co., $1945; David B. Jones Company, $2250; Harold Smith, $2400; Niles Sand, Gravel & Rock Co., $2850.

ANTIOCH, Contra Costa Co., Cal.—Until Oct. 8, 6 P. M., bids will be rec. by L. W. Mehaffey, Clerk, Antioch-Live Oak Union School District to pave inner court of new grammar school. Plans and further information obtainable from Clerk.

LOS ANGELES, Cal.—W. D. McCray, 416 American Bank Bldg., awarded contr. by Bd. Pub. Wks. at $87,777.83, to imp. Clayton Ave. bet. Mayview Dr. and Myra Ave., involv. grading at $27,000; 189,484 sq. ft. conc. paving, 24.5c ft.; 17,525 ft. curb 65c ft.; storm drain, $1000; reinf. conc. stairway, $2000; 280 sq. ft. bitum. mase paving, 10c ft.

G. A. Constantine, 910 Haas Bldg., awarded contr. at $5816 for imp. St. Louis St., bet. Judson and Sheridan Sts., involv. grading at $1313.25; 285 sq. ft. oil and roll, 6.5c ft.; 21,861 ft. curb, 55c ft.; 1233 sq. ft. walk, 21c ft.; 6440 sq. ft. gutter, 30c ft.

MARYSVILLE, Yuba Co., Cal.—Until Oct. 2, 10 A. M., bids will be rec. by Wm. M Strief, County Clerk, to haul and spread river gravel on Jewett and Mills road, from Brophy Lane to Yuba Vineyards, approx. 7,550 ft. Cert. check 10% payable to Chairman of Bd. of Sups. req. Leslie B. Crook, County Surveyor.

NAPA, Napa Co., Cal.—Until Oct. 9, 10 A. M., bids will be rfec. by Jas A. Daly, County Clerk, for 5,000 cu. ys. creek run gravel from Putan Creek, to be delivered and spread on portions of Putan Canyon Road bet. Bonzi Ranch and Devils Gate. Further information obtainable from clerk.

FAIRFIELD, Solano Co., Cal.—Until Oct. 8, 11 a. m., bids will be rec. by G. G. Halliday, county clerk, for grading and rocking county road from State Highway at Coredlia easterly, approx 7900 ft. to pt. near n.w. corner of land of A. Hilborn. Cert. check 10% payable to Chairman of Board of Sups. req. Plans on file in office of clerk. F. A. Steiger, county surv.

MARYSVILLE, Yuba Co., Cal.—County supervisors vote to postpone paving of Arbuga road for one year. Funds for this work will be applied to some other road improvement. It was proposed to pave the road to Plumas Lake, a distance of 7-mi. and graded and graveled from there to the Bear River, a distance of 5½-mi. Leslie B. Crook, county surv.

ANCHORAGE, Alaska.—See "Government Works and Supplies," this issue.

SANTA CRUZ, Santa Cruz Co., Cal.—W. A. Caplatzi, Santa Cruz, at $2653.40 awarded cont. by council to const. 1534 lin. ft. 6-in. sewer in portions of Alta Ave., at $1.50 lin. ft.; 4 manholes, $80 ea; 54 6x4-in. wye branches, $60 each.

TORRANCE, Cal.—Until 8 p. m., Oct. 2, bids will be rec. by city trustees for imp. Martina Ave., bet. Carson St. and 220th St., and portion of 218th St. and Manuel Ave.; grade and pave with 3-in. asph. conc. and 1½-in. Willite wearing surface; conc. curb; 1915 Bond act. Cert. check 10%. A. H. Bartlett, city clerk.

SAN DIEGO, Cal.—Until 10:30 a. m., Oct. 8, bids will be rec. by supervisors to imp. Route 8, known as county highway comm., Chula Vista-Coronado Rd. No. 6 (Coronado Strand Rd.) bet. existing pavement at Coronado Hts. to the so. city limits of Coronadd, 4.59 mi., with either Willite, Warrenite-bitul., or cem. conc. pavement. Cert. check or bond 5%. Ernest R. Childs, co. surveyor. J. B. McLees, clerk.

MODESTO, Stanislaus Co., Cal.—Until Oct. 8, 8 p. m., bids will be rec. by Kathleen G. Prewett, secy. Board of Education to const. conc. sidewalks, curbs and gutters at Franklin school. Cert. check 10% payable to Pres. Bd. of Educ. req. Plans obtainable from sec-

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

GLENDALE, Cal.—Chas. Thompson and the Heuser-Packard Co., 1130 Loew State Bldg., Los Angeles submitted low bid to council at $215,786.59 for imp. Colorado St., bet. east and west city limits (National paving surface). The bids were:

Chas. Thompson and Heuser-Packard Co.—538,989.44 sq. ft. grading at 6c ft.; 19,473.4 sq. ft. gutter at 25c ft.; 519,516 sq. ft. 4-in. asph. conc. with 1½-in. national surface at 23c ft.; 23,452.32 ft. curb at 50c ft.; 5448 sq. ft. walk at 17c ft.; 204,950 sq. ft. scarifying and oiling at 5c ft.; moving lighting standards, $335; culverts, (1) Verdugo Rd. and Colorado St. $1100; (2) Adams St., $850 (3) Brand Blvd., $850; (4) Central Ave. $625; (5) San Fernando Rd., $180; waterworks complete, $32,250.

Braun, Bryant & Austin—6.5c grading; 25c gutter; 24c paving; 55c curb; 20c walk; 5c scarifying and oiling; $350 moving lights; culverts, (1) $1160; (2) $825; (3) $900; (3) $900; (4) $600 (5) $150; waterworks complete, $32,800; total $225,572.79.

Geo. R. Curtis—6.3c grading; 25c gutter; 24.8c paving; $300 moving lights; culverts, (1) $1160; (2) $825; (3) $875; (4) $630; (5) $200; waterworks complete, $33,400; total $230,866.94.

Chas. Thompson and Heuser-Packard Co., low bidder at $188,659 for imp. Sycamore Canyon Rd., involving 8711.2 lin. ft. grading at $5 ft.; 31,998.77 sq. ft. gutter at 25c ft.; 442,636.4 sq. ft. 4-in. asph. conc. base with 1½-in. National surface at 23c ft.; 17,091.39 ft. curb; class A, 60c ft.; class B 50c ft.; finish grading, 2c sq. ft.; culverts, (1) Sinclair St., $1465; (2) Acacia St., $1800; (3) Verdugo Rd., $70; waterworks complete, $17,640. Other bids were:

Braun, Bryant & Austin—$5.25 grading; 25c gutter; 24c paving; 70c class A curb; 55c class B curb; 2c finish grading; culverts, (1) $1700; (2) $2100; (3) $60; waterworks, $18,100; total, $196,928.86.

Geo. R. Curtis—$5.50 grading; 25c gutter; 24.8c paving; 60c A and B curb; 2.5c finish grading; culverts, (1) $2000; (2) $1800; (3) $100; waterworks complete $18,450; total $206,214.66.

Peter L. Ferry, 614 E Acacia Ave., Glendale, only bidder at $22,530 to pave six alleys in business dist., involv. 3525 lin. ft. grading at $1 ft.; 14,144 sq. ft. gutter at 28c ft.; 40,030 sq. ft. asph. conc. pavement at 28c ft.; 122 ft. B curb at 50c ft.; 125 ft. 8-in. cast iron storm drain at $600 (lump sum), lamp holes, $15 ea.; cast iron pipe complete $3000.

LOS ANGELES, Cal.—M. Simunovich awarded cont. by Bd. Pub. Wks. at $30,748 to const. sewer in 58th Pl. bet. Angeles Mesa Dr. and 130 ft. east of west Blvd. J. M. Derenia bid $8825, but his bid was declared irregular through error. Engr's est. $31,909.19. Other bids were: Adam Dalmatin and Mike Guho, $31,500; John Artukovich, $34,000; P. S. Tomich $35,000; Lee Miletich, $37,000; Brkich & Culjak Co., $37,200; P. J. Akmadzich, $37,550.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Oct. 8, bids will be rec. by council to const. 8-in. vit. pipe sewer along B St. bet. 13th and 16th Sts., involv. 8-in. vit. pipe, manholes, flush tanks, etc.; 1911 act. J. H. Osborn, city clk.

SAN BERNARDINO, Cal.—Until 7:30 P. M., Oct. 8, bids will be rec. by council to imp. I St., bet. Fifth and Base Line Sts., grade and pave with 4-in. cem. concr.; const. walks, curbs, corr. iron culverts; 1911 act.

Inten. declared to imp. 16th St., bet. F and G Sts., involv. walks, curbs, and 4-in. cem. concr. pavement; 1911 act. J. H. Osborn, City Clerk.

SEATTLE, Wash.—City council plans $700,000 bond issue to finance 20 street and sewer projects.

SAN RAFAEL, Marin Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco, awarded cont. by council to grade and pave 6th St., bet. B and C Sts. and bet. H St. and pt. 619 ft. easterly; 2-in. asph. conc. surface; 1753 lin. ft. conc. curb; 66 ft. 6-in. vit. pipe sewer; 30 ft. 4-in. vit. pipe sewer; 3 corru. iron and conc. culverts; 185 ft. 10-in. vit. pipe storm drain; 2 conc. catchbasins; 1 6-in. lamphole and 248 lin. ft. conc. retaining wall.

SOUTH PASADENA, Cal.—Until 5 P. M., Oct 8, bids will be rec. by city trustees to imp. following Sts:

Fremont Ave., bet. Huntington Dr. and Alhambra Rd., grade and pave with 5-in. cem. concr.; const. walk, 6-in. vit. pipe laterals.

Grevelia St., betw. Fremont and Orange Grove Aves.; garde and pace with 3-in. oil and crushed rock pavement; const. curbs, gutters, walks, 6-in. sewer laterals. Nettie A. Hewitt, City Clerk.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., submitted low bid to council at $16,710 to pave Herschel Ave. and Wall St., La Jolla. Ray Salcido bid $17,986.

SANTA BARBARA, Cal. — Sam Hunter, Santa Barbara, submitted only bid to council at $65,423.47 to pave in Fair Acres tract on the Mesa, involv. paving, curbs, gutters and sewer. Engr's. est., $56,522.05.

EL SEGUNDO, Cal.—City trustees deslare inten. to imp. Main St., bet. Grand Ave. and Collingwood Ave., grade and pave with 5-in. oiled macad.; const. curbs, walks, 59 ornam. reinf. conc. lighting posts, conduits, etc.; 1911 act. Victor D. McCarthy, City Clerk.

BURBANK, Cal.—City trustees declare inten. to imp. San Jose Ave., bet. 8th and 10th Sts., grade and pave with 3-in. oil and rock macad.; const. curbs, walks, walk returns; 1911 Act.

Inten declared to imp. Crescent St., bet. east city limits and Verdugo Ave., grade and pave with 6-in. cem. conc.; const. conc. and corr. iron storm drain; 1911 Act. F. S. Webster, city clerk.

CENTERVILLE, Alameda Co., Cal. — W. J. Tobin, 527 Santa Ray Ave., Oakland, at approx 68,750 awarded cont. by union Sanitary District to const. sewers and outfall, involv. 6105 ft. 14-in., 6414 ft. 14-in., 1393 ft. 12-in., 17,972 ft. 10-in., 30,186 ft. 8-in., and 12,723 ft. 6-in. sewers; 67 manholes; 59 lampholes; 4 flush tanks; 50 12-in., 100 10-in., 150 8-in., 500 6-in. wyes, etc.

MANHATTAN, Cal.—Council declares inten. to imp. alleys in blocks 2, 3, 4, 5, 7 and 8 of Peck's Manhattan Beach Tr., and in blocks 33, 36, 37 and 39, Peck's Manhattan Beach Tr., grade; const. Class "B" curbs, returns and outlets; Vrooman Act. Llewellyn Price, City Clerk.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, declares inten. to imp. E-18th St., from 41st Ave., southeasterly, involv. grade and pave; const. curb, gutters and walks 1911 Act. Protests Oct. 18. W. W. Harmon, City Eng.

COMPTON, Cal.—City trustees declare inten. to imp. Palm St., bet. Barron Ave. and Oleander St, grade and pave with 5-in. cem. concr.; const. Class "B" curbs, 6-in. vit. pipe hse. sewers; 1911 Act. Maude Hecock, City Clerk.

VENICE, Cal.—City trustees start preceedings to pave Venice Blvd., providing direct road into Los Angeles, via 16th St., using 8-in. pavement.

VERNON, Cal.—Council declares inten. to const. can. sewer in East 26th St., involv. 8-in vit. pipe, manholes. flush tanks, etc.; 1911 act. T. J. Furlong, City Clerk.

PORTERVILLE, Tulare Co., Cal.—Until 7:30 p. m., Oct. 4, bids will be rec. by city trustees to imp. Main St., 318 lin ft. and portions of other streets, involv. cem. conc. paving; const reinf conc bridge, curbs, walks, retaining walls, etc.; 1911 act. Geo. D. Avery, city clerk.

SANTA MONICA, Cal.—Council declares inten. to imp. California Ave. bet. Ocean Ave. and 7th St.; grade and pave with 16-in. warrenite-bitul. surface on 2½-in. asphalt conc. base; construct concrete curbs, walks, sanitary sewers; 1911 act.

Inten. declared to imp. 26th St., bet. Colorado Ave. and Wilshire Blvd.; grade and pave with 1½-in. warrenite-bitul. surface on 2½-in. asph. conc. base; const. curb, walk, san. sewers; 1911 act.

City comm. has adopted ord. of inten to pave 26th St., bet. Wilshire Blvd. and Colorado Ave. Plans for storm drain in 26th St. adopted. John Morton, city eng.

VERNON, Cal.—Council declares inten. to const. 8-in. vit. pipe san. sewer in E 27th St., bet. Redondo branch of Santa Fe Ry. and the e terminus of said street, involv. 8-in. vit. pipe, manholes, flush tanks, etc.; 1911 act. T. J. Furlong, city clerk.

VAN NUYS, Cal.—Council plans to pave N. Sherman Way, bet. Parthenia St. and San Fernando Rd. The roadway to be increased 20 to 30 ft.; is 3.25 miles long.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

FRESNO, Fresno Co., Cal. — F. V. Marks awarded contract by county supervisors for fur. and del. Dos Palos and San Joaquin 4000 tons of gravel for use on county highway system.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 3, new bids will be rec. by Bd. Pub. Wks. to imp. Childs Ave., bet. Los Feliz Blvd. and Scotland St. and portions of other streets involv. grading; 697,580 sq. ft. 6-in. conc. paving; 4750 sq. ft. bitum. base paving; 6456 sq. ft. oil and roll; 59,011 sq. ft. cem. walk; storm drain; vit. pipe culvert; san. sewers; 8 sq. ft. gutter.

SAN FRANCISCO—Until Oct. 17, 3 p. m., bids will be rec. by Board of Public Works to imp. Buchanan St., bet. Herman and Duboce Aves., involv. 22,091 cu. yds. cut; 623 lin. ft. conc. curb; 370 lin. ft. 8-in. sewer; 24 8-in. wye branches; 2 br. manholes; 4364 sq. ft. brick pavement; 7715 sq. ft. asph. conc. pavement. Spec. obtainable from City Engineer's Office, 3rd floor, City Hall.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., submitted low bid to Bd. Pub. Wks. to imp. Benton Way, bet. Second and Third Sts., involv. grading at $525 (lump sum); 22,753 sq. ft. conc. paving 20.8c ft.; 160 sq. ft. bitum. base paving 12c ft.; 14 ft. curb 70c ft.

G. A. Constantine, 910 Haas Bldg., low bidder to imp. Picardo St., betw. Medford and Charles Sts., involv. grading at $7950 (lump sum); 38,873 sq. ft. oil and roll 7c ft; 2892 ft. curb 68c ft; 14,655 sq. ft. walk 21.5c ft; 6003 sq. ft. gutter 35c. ft.

George J. Bock, 1250 S Gramercy Pl., low bidder to imp. Del Mar Ave., bet. Sanborn Ave. and Manzanita St., involv. grading $250; 7697 sq. ft. oil and roll 8c ft.; 412 ft. curb 75c ft; 1325 sq. ft. walk 24c ft; 779 sq. ft. gutter 35c ft.

LOS ANGELES, Cal.—W. T. Knowlton, city sanitary sewer engineer, states that the principal portion of section 3, north outfall sewer, is to be constructed by force account. Bids for the brick, sand and crushed rock, for the construction of masonry conduits, are to be rec. Oct. 1. This section comprises a roadway south of the treatment plant site, contract for this road having been let to W. D. McCray, and now practically complete. This road terminates at the line of the present outfall sewer. The screens for the plant, also a portion of Section 3, have been let to the Dorr Co. The final portion of this section comprises a semicircular line of masonry conduit, from the present outfall through the treatment plant, with a temporary 4-ft. return to present outfall, adjoining it at the end of the road mentioned above. This will make possible the screening of sewage during the construction of section 1. When that portion of section 1, joining the screens with the ocean end of the outfall has been completed, thetemporary return will be abandoned. The permanent portion of this line from the present line to the plant consists of 6-ft. to 10-ft. conduit, with two 7-ft. conduits, running side by side, through the treatment screens. The total length of the conduit is 600 ft. The decision to construct this portion by force account was made, according to Mr. Knowlton, because of the possible confusion which might result from putting another private force of men on the treatment site. John Balch has two forces at work, one on the grading for the plant the other on materials for the ocean outfall, sections 1 and 2. W. D. McCray is finishing up the roadway and the Dorr Co. is working on the screens and the Scott Co. of New York has a force on section 1, that company having been awarded the contract for the construction of the outfall.

Mr. Knowlton also states that the proposed tunnel through the Baldwin Hills will not be built because it has been found that there would be no particular saving, and that time was important. Therefore, the line will encircle the hill at Del Rey, running along the ocean side of the hills to Hyperion. A small tunnel will carry the line through the corner of the Del Rey Hills. This construction will also facilitate a working agreement with Venice for sewage disposal for that city.

SALINAS, Monterey Co., Cal.—City Eng. Howard F. Cozzens preparing estimates to resurface Main street.

SAN FRANCISCO—Bids will be asked immdiately by Board of Public Works to imp. Buchanan St., bet. Herman and Duboce Ave., est. cost $36,000. Project involves 22,091 cu. yds. cut; 623 lin. ft. conc. curb; 370 lin. ft. 8-in. sewer; 24 8-in. wye branches; 2 br. manholes; 4364 sq. ft. brick pavement; 7715 sq. ft. asph. conc. pavement.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Oct. 8, 2 p. m., bids will be rec. by H. E. Miller, county clerk, to imp. Coast road in Seaside Road Dist. Cert. check 10% req. with each bid. Plans obtainable from County Surveyor Lloyd Bowman on deposit of $5, returnable.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Oct. 8, 2 p. m., bids will be rec. by H. E. Miller, county clerk, to imp. Soquel-Capitola road in Soquel Rd. Dist. Cert. check 10% req. with each bid. Spec. obtainable from county surveyor, Lloyd Bowman, on deposit of $5, returnable.

SANTA CRUZ, Santa Cruz Co., Cal.—J. L. Connor, Stnta Cruz, at approx. $27,700 awarded cont. by county supervisors to imp. Marks road, a portion of Slaughter Rd., portion of Montgomery Rd., portion of Soquel and San Jose Rd., and Quarry Rd., in Skyland section of Soquel Rd. Dist.

SAN FRANCISCO—Chas. L. Harney, Pacific Bldg., at $6834.70 awarded cont. by Bd. Pub. Wks. to imp. 29th Ave., bet. Cabrillo and Fulton Sts., involv. 20,500 cu. yds. cut at $.3334 cu. yd.

PORTERVILLE, Tulare Co., Cal.—City council voted to pave 42 blocks of streets with 5-in. concrete pavement Plans for work will be rushed to completion. Fred Pease, city eng.

YUMA, Ariz.—J. W. Gray submitted low bid to Yuma county highway com. at $39,851 for const Swansea Pass section of Bouse-Swansea Rd., E-15 of the highway impt. bldg. fund of the Northern county highways, involv. (1) 21,000 cu. yds. excav. unclass. $1.36 yd.; (2) 280 ft. 18-in. C. M. P. in place $2.80 ft.; (3) 348 ft. 24-in. C. M. P. $3.80 ft.; (4) 368 ft 30-in. C. M. P. in place $4.75 ft.; (5) 98 ft. 36-in. C. M. P. in place $7.20 $7.ft.; (7) 49 cu. yds. conc. class A head walls and dip walls $34 yd; (8) 20 cu. yds. dry walls, headwalls and dips, $10 yd.; (9) constr. of 2 bridges, one 19-ft. span and one 2 19-ft. spans, $4959.

Other bids were:

Rogers Bros.—(1) $1.40; (2) $2.40; (3) $3.25; (4) $3.80; (5) $4.40; (6) $6; (7) $26; (8) $5; (9) $7500; total, $42,090.60.

Engrs' est. — (1) $1; (2) $2.50; (3) $3.25; (4) $4; (5) $4.60; (6) $5.40; (7) $30; (8) $6; (9) $40; total, $28,757.40.

LONG BEACH, Cal.—H. D. Churchill Co., 350 Merrick St., Los Angeles, submitted low bid to council at $66,500 to const. Broadway outfall sewer. Previous bids received were rejected as too high. Other bids were: M. Simunovich, $67,729; Joe Chutuk, $69,118.90; Brkich & Cujak Co., $69,994; C. S. Tomich $79,000; Adam Dalmatin and Mike Guho, $81,500; Pernell Barnett, approx. $90,000; Griffith Co., $95,000.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., San Diego, submitted low bid to council at $16,710 for imp. Herschel Ave. and Wall St., involv. 69,240.2 sq. ft. 4-in. conc. paving with oil and crushed rock top at 23.9c ft.; five 4-in. conc. sewer laterals at $32.50 ea. Ray Salcido, La Jolla, bid 25.8c paving; $24.50 sewers.

Calif. Constr. Co., Union Bldg., low bidder at $25,392 for imp. Maryland St., bet. Madison and Van Buren Sts., involv. 73,692.8 sq. ft. 4-in. cem. conc. pavement with 1½-in. warrenite top at 25c ft.; 31,174 sq. ft. paving with 2½-in. black base and 1½-in. warrenite top at 21c ft.; 200.9 sq. ft. cem. conc. walk at 25c ft 297.5 ft. curb at 80c ft.; miscellaneous, $135. G. R. Daley bid 24.5c paving with conc. base; 23.5c paving with black base; 24c walk; 75c curb; $166 misc.; total, $25,817.98.

HAYWARD, Alameda Co., Cal.—T. E. Clinch, 668 9th St., Richmond, at $4672 awarded cont. by city trustees to install pipe lines for municipal water system, the pipe (already purchased) to be furnished by city.

YUMA, Ariz.—Rogers Bros. awarded contr. by Yuma county highway comm. at $23,246 for const. Project No. E-4 of highway impt. bldg. fund of Northern county highways, Bouse-Quartzite road, involving (1) 3 mi. graded roadway, 24 ft. wide, at $375 per mi.; (2) 20 mi. graded roadway, 30 ft. wide at $400 per mi.; (3) 9000 cu. yds. excav. fills and lips 50c yd.; (4) 11 cu. yds. conc. class A head walls $26 yd.; (5) 200 cu. yds. class B conc. dip walls $24 yd; (6) 300 cu. yds. dry walls-dip walls $5 yd.; (7) 58 ft. 18-in. C M. P. in place $2.40 ft.; (8) 88 ft. 24-in. C M. P. in place, $3.25 ft.; (9) 30 ft. 30-in. C. M. P. in place $4 ft.; (10) 8300 cu. yds. excav. V drains and levees 30c yd. Other bids were:

Banke & Matteson — (1) $500; (2) $500; (3) 40c; (4) $28; (5) $28; (6) $7; (7) $2.65; (8) $3.40; (9) $3.92; (10) 40c; total $26,998.50.

White & Miller—(1) $1800; (2) $1900 (3) $1; (4) $35; (5) $28; (6) $8; (7) $3; (8) $4; (9) $5; (10) 50c; total, $65,611.

Engr's. est.—(1) $600; (2) $800; (3) 25c; (4) $30; (5) $27.50; (6) $6; (7) $2.50; (8) $3.25; (9) $4; (10) 20c; total $29,891.

SACRAMENTO, Cal. — City council orders plans prepared for sewers in Seventh St., bet. H and S streets; est. cost $55,000. Albert Givan, city eng.

FRESNO, Fresno Co., Cal—City council. R. Y. St. George, clerk, declares inten. to construct main and lateral sewers in G and H Sts. Main sewers to be 18-in. 15-in. and 12-in. vit. clay pipe and lateral sewers 10-in. and 8-in. clay pipe; 19 cem. conc. manholes with c.i. covers; 6-in. on 8-in. and 6-in. on 10-in. wye branches. 1911 Act. Protests Oct. 11. Wm. Stranahan, city eng.

PHOENIX, Ariz.—Until Oct. 10, bids will be rec. by state highway dept. to const. 29 mi. highway bet. Aztec and Sentinel. Work will consist of grade and surface and const. of necessary drainage structures. The project will be completed under federal aid. F. I. Goodman, state engr.

PHOENIX, Ariz.—Until 2 p. m., Oct. 5, bids will be rec. by state highway comm. to const. federal aid projects as follows:

Tucson-Nogales highway, Federal Aid Project No. 75, involv. approx. 300 cu. yds. excav., 10,000 cu. yds. borrow, 1300 cu. yds. surfacing, 225 cu. yds. structural conc. and other incidental items.

Tucson-Nogales highway, Federal Aid Project No. 66, involv. approx. 600 cu. yds. excav., 60000 cu. yds. borrow, 900 cu. yds. surfacing, 500 cu. yds. struc. conc., and other incidental items.

Tucson-Nogales highway, Federal Aid Project No. 25-B, involv. approx. 1500 cu. yds. excav., 16,000 cu. yds. borrow, 1200 cu. yds. gravel surfacing, 1200 cu. yds. structural conc. and other incidental items. Spec. obtainable from state engr., Phoenix upon payment of $5 in each case. Cert. check 5% each job. F. R. Goodman, state engr.

LOS ANGELES, Cal—Southwest Paving Co., 806 Washington Bldg., was awarded cont. by supervisors at $460,000 to imp. county highway bet. Palmdale and Pallett Creek, 21.1 mi., in Fifth Rd. Dist., comprising 10.7 mi. 8.1 mi. disintegrated granite paving 16-ft. wide; 6-in. asph. conc. paving 16-ft. wide; 8.1 mi 2.3 mi. graded roadway 24 ft. wide. Total est. cost, $460,093.80. Work involves 46,389 cu. yds. rock excav.; 97,800 cu. yds. earth excav; 110,924 lin. ft. shaping roadbed; 76,483 sq. yds. disintegrated granite pavement; clearing and grubbing; 100,293 sq yds 6-in. asph. conc. pavement; 2167 ft. 15-in.; 1894 ft. 18-in.; 705 ft. 24-in.; 225 ft. 30-in.; 61 ft. 36-in.; 106 ft. 48-in. corru. iron pipe; 488 cu. yds. conc. in headwall. Materials required are: 703 bbls. cem.; 315 tons sand; 581 tons ravel; 1858 lbs. reinf. steel; 76,483 sq. yds disintegrated granite; pipe as above; 100,293 sq. yds. asphalt conc.; est. cost of materials, $132,718.85. Geo. R. Curtis bid $527,000.

FRESNO, Fresno Co., Cal—City council, lt. Y. St. George, clerk, declares inten. to imp. Wishon Ave., bet. Olive and Normal Aves., involv. const. cem. conc walks; and Van Ness Blvd., bet. Floradora and Home Aves., by const. cem. conc. walks and curbs. 1911 Act. Protests Oct. 11. Wm. Stranahan, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—County Surveyor Lloyd Bowman preparing spec. to grade, widen, repair and macadamize Mt. Hermon road, the work to be financed through the San Lorenzo and Branciforte funds.

SANTA BARBARA, Cal.—Until 5 p. m., Oct. 4, bids will be rec. by council to const. sewers in Robbins St., Gillespie St., Micheltorena St., S. Sola St. and portions of other streets, involv. 6-in. and 8-in. main san. sewers, etc.; 1911 act. S. B. Taggart, city clerk.

PHOENIX, Ariz. — Phoenix-Tempe tone Co. submitted low bid to city commission at $68,247.66 to imp. Culver St., bet. Central Ave. and Twelfth St. Other bids were. Kisselburg, Schmidt & Hitchcock, $69,948; Pac. Constr. Co., $72,497.49.

REDWOOD CITY, San Mateo Co., Cal. County Surveyor Geo. A. Kneese preparing spec for lateral connecting Skyline Blvd. bet. San Mateo and Burlingame.

LOS ANGELES, Cal. — Griffith Co., 2 L. A. Ry. Bldg., submitted low bid supervisors to cost roads and curbs the county farm, involv. 483 cu. yds. cav. at 75c ft.; 3603 sq. yds. shaping adway at 12c yd; 498 tons asph. conc. se 2½-in. thick at $6.20 ton; 299 tons ph. conc. wearing surface at $6.90 n; 2123 lin. ft. conc. curbs at 55c ft; 03 sq. yds. asph. flush coat wearing rface at 10c yd.

Geo. R. Curtis bid $1.25 excav; 15c aping; $7 pase; $7 surface; 50c curb; c wearing surface.

VENTURA, Cal.—Until 11 a. m., Oct. bids will be rec. by supervisors to ve Santa Paula-Ojai road from Sulur Mountain Springs to Sulphur ountain Rd., 4.1 mi., involv. 348,224 ft. asph. conc. or cem. conc. paving; 00 cu. yds. excav.; 21,764 lin. ft. roll- & and shaping. Cert. check 10%. L. E. llowell, clerk

RED BLUFF, Tehama Co., Cal. — ambers and DeGolyer, Bacon Bldg., kland, awarded cont. by city trus- s to const. extensions to sewer sys- n, consisting of 4-in. 6-in. 10-in. 14- and 24-in. sewers, with pumping nt, etc. Other bids were:

en & Allen, Red Bluff	$19,198
nes Currie, Burlingame	16,544
Const. Co., Gerber	19,450
E. Clinch, Richmond	18,638
kland Sewer Const. Co., Okd.	16,450

WHITTIER, Cal.—Council declares en. to imp. Whittier Ave., bet. Bailey l Philadelphia Sts., grade and pave h 6-in. conc.; const. curb, walk; 1911

itrus Ave., bet. Hadley and Bailey grade and pave with 6-in. cem. c.; const. curb. walk; 1911 act.

ARSON CITY, NEVADA—Alston & rgan, Salt Lake City, Utah, at $73,- 10 submits only bid to State High- Commission for Project No. 70, de, const. culverts and Port. cem. c. surface bet. First and Abultman and east city limits of Ely. Bid cted.

ARSON CITY, Nevada — Tieslau s., 2819 Grove St., Berkeley, at $63,- 43 awarded cont. by State Highway mission to const. Project No. 4, de, const. culverts and place gravel face bet. 3-mi. north of Holbrook 2-mi. north of Carters. Other bids: n Ross, Yerington, Nevada, $69,- 98; Blumenkranz & Vernon, Stock- Calif., $80,592.48; W. J. Schmidt, keley, Calif., $83,175.08.

AN DIEGO, Cal.—H. H. Peterson, ckels Bldg., San Diego, at $11,- 99, time to complete 90 days, award- contract by Bureau of Yards and ks, Navy Department, Washington, ., to const. roads and walks at San go under Specification No. 4901.

STOCKTON, San Joaquin Co., Cal.—J. E. Johnston, Savings and Loan Bldg., Stockton, at $64,072.33 awarded cont. by council to imp. portions of E-Main, E-Washington, E-Lafayette, E-Snoora and F Sts.; Grade; const. comb. conc. curb and gutter; conc. walks; pave with 3-in. crushed rock base with 2-in. asph. conc. surface. Clark and Henery Const. Co. only other bidder at $68,178.36.

PALO ALTO, Santa Clara Co., Cal.—Until Oct. 8, 8 p. m., bids will be rec. by Frank Kasson, city clerk, to imp. Maple and Palm Sts., and Ashby Ave., bet. University and San Francisco quito creek, involv. grading; pave with 5-in. conc.; conc. curbs and cem. walks. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. J. F. Boybee, Jr., city engineer.

CARSON CITY, Nevada—Strange & Vallandingham, Salt Lake City, Utah, at $38,139.16 submits low bid to state highway commission to const. Project 80; grading, const. culverts and place Port. cem. conc. surface bet. West city limits of Elko and 13th St. Alston and Hoggan, Salt Lake City, Utah, only other bidder at $39,981.64.

SAN DIEGO, Cal.—H. G. Feraud, 1214 Detwiler Bldg., Los Angeles, awarded cont. by supervisors at $74,500 to pave streets in Kensington Park dist. with 4-in. Willite. Calif. Constr. Co. bid $78,900.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, city clerk, declare inten. to imp. McKinley Ave., bet. Palm Ave. and Block 4, North Park Terrace, involv. grading; conc. curbs, gutters and walks; corru. metal culverts with culvert manholes; pave with 3½-in. asph. conc. base with 1½-in. Warenite-Bitulithic wearing surface. 1911 Act. Protests Oct. 11. Wm. Stranahan, city eng.

SAN DIEGO, Cal.—George R. Daley, 4430 Boundary St., awarded cont. by supervisors at $73,367 to pave Adams Ave bet. city limits and Kensington Park bridge, to Normal Heights tract, involv. 224,387 sq. ft. 4-in. decomposed granite, 5-in. cem. conc. and 1½-in. Topeka top, includ. necessary culverts.

GLENDALE, Cal.—Cornwall & Henderson, 120 S Glendale Ave., Glendale, submitted low bid to council at $15,958 to imp. Kenneth Rd., bet. Sonora Ave. and Grandview Ave., involv. 1670 lin. ft. grading $1.35 ft.; 3075 sq. ft. macad. 10.5c ft.; 3395 ft. B curb 50c ft.; 11,050 sq. ft. walk at 17c ft.; water pipe complete $3251.70.

SAN DIEGO, Cal.—Until Oct. 8, bids will be rec. by supervisors to pave 3361 lin. ft. on National Ave. across Sweetwater valley, with Portland cem. conc., and 4.59 miles of Coronado Strand, bids being invited for the latter on three types, viz: Willite, Warrenite and Portland cement concrete. J. B. McLees, county clerk.

SAN FRANCISCO — C. B. Eaton, Ocean and Tara Aves., at $5629.91 awarded cont. by Board of Public Wks. to imp. McKinnon Ave., bet. Newhall and Phelps, involv. 371 lin. ft. curb, $1.25; 1436 sq. ft. art. stone walks, $.21; 12,380 sq. ft. asph. conc. pave, $.295; 5 ½. catchbasins, $140; 205 lin. ft. 10-in. culvert, $2.50.

CARSON CITY, Nevada—Kroft and Bundy, Ogden, Utah, at $81,935.78 submits low bid to State Highway Commission for Projects Nos. 25 and 70, grade, const. culverts and place selected material surface and const. conc. and steel overhead crossing bet. Keystone and East City Limits of Ely. Other bids: Nevada Contracting Co., Fallon, Nevada, $92,386.90; Alston and Hoggan, Salt Lake City, Utah, $116,-725.25.

SAN LUIS OBISPO, Cal.—Until Oct. 15, bids will be rec. by Callie M. John, City Clerk, to imp. portion of Osos St., grade; pave with 6-in. hyd. Port. cem. conc.; hyd. conc. curbs; 3 type A hyd. conc. culverts and 7 type B hyd. conc. culverts; 2 c.l. handhole frames and covers in type A culverts; 3 hyd conc. catchbasins; 1 Type A culvert inlet. 1911 Act.

VALLEJO, Solano Co., Cal.—A. E. Edgecumbe, city clerk, instructed by council to call bids for installation of modern street paving plant; est. cost $15,000. T. D. Kitkenny, city eng.

BAKERSFIELD, Kern Co., Cal. — County supervisors approve plans of Eng. Paul Kressly, H. W. Hellman Bldg Los Angeles, for 9 mi. of road from Arvin to Weed Patch and Di Giorgio Farms; est. cost $285,482.40. A resolution of intention providing for the work will be passed immediately setting Oct. 22 as the date for hearing protests. Will be 18-ft. wide, 6-in. thick, 4-in. asph. conc. with 2-in. asph. conc. surface.

LOS ANGELES, Cal.—Geo. H. Oswald submitted low bid to Bd. Pub. Wks. to imp. Compton Ave., bet. Vernon Ave. and s. city boundary involv grading at $5000 (lump sum); 306,386 sq. ft. conc. paving 23c ft; 36 ft. curb 70c ft; 35 sq. ft. walk 25c ft.; rein. conc. culvert $300; 1320 ft. hse. sewers $160 ft.

LOS ANGELES — Wm. Liddington, 420 E 60th St., low bidder to imp. Ruthelin St., bet. 36th Pl. and Exposition Blvd., involv. grading at $7602.24 (lump sum); 159,317 sq. ft. conc. paving 20.5c ft.; 3419 sq. ft. bitum base paving 12c ft.; 3419 ft light curb 52c ft; 9398 sq. ft. walk 19.5c ft.; storm drain, $400; san. sewer, $9890.

LOS ANGELES—Geo. R. Curtis, lok bidder to imp. first alley w of Palos Verdes St., bet. 9th and 10th Sts., involv. grading at $1150 (lump sum); conc. paving 29c ft.; Warrenite-bitul. paving 32.5c ft; conc. gutter 35c ft.

PASADENA, Cal.—Until 10 a. m., Oct 2, bids will be rec. by city directors to imp. Rowland Lane, bet. Green St. and Morgan alley; grade and pave with 6-in. cem. conc. essie Chamberlain, city clerk. W. C. Earle, city engr.

OROVILLE, Butte Co., Cal.—County Rd. Eng. Harry H. Hume completing spec. to const. Oroville-Miners Ranch highway and for 7-mi. of Humboldt road. Both projects are units of the county highway system and will be financed through the $1,800,000 bond issue. Other units to be completed under the bond issue include: Pentz to Magalia road, which will be graded and graveled during 1924; surfacing on the following roads already graded and graveled: Gridley-Colusa road; Biggs-Princeton road;; Riceton road; the Seven Mile Lane on the Chico-Butte City road.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco, awarded cont. by council to imp. Bird. Ave., bet. Home and Coe Aves.; grade; pave with 2-in. asph. concrete wearing surface on 3-in. Durite asph. conc. base; hyd. conc. curb, gutter and walks; 2 br. catchbasins with c. l. tops; 8-in. vit. pipe drains; Durite asph. concrete header.

EL SEGUNDO, Cal—City trustees declare inten. to imp. Maple Ave., bet. Main and Virginia Sts., grade and pave with 5-in. oiled macad.; const. curbs, walks, gutters; 1911 Act and 1915 Bond Imp. Act. Victor D.McCarthy, city clk.

SANTA CLARA, Santa Clara Co., Cal. —City trustees planning paving of several streets; type of pavement yet to be determined.

SAN FRANCISCO—Until Oct. 4, 2 p. m., bids will be rec. by State Board of Harbor Commissioners, Ferry Bldg., to pave Embarcadero bet. Piers 19 and 27, involv. 63,140 sq. ft. of eight-inch conc. pavement; 4030 sq. ft. of conc. pavement on grouted track base; 30,360 sq. ft. Topeka wearing surface; 9500 sq. ft. cem. sidewalk; 350 lin. ft. old curb reset; 350 lin. ft. new curb to be furnished and set; 100 lin. ft. 10-in. drain pipe; 6 catchbasins. Cert. check 5% payable to secy. J. L. Phelps. req. Plans obtainable from Frank G. White, chief eng. for Comm., Ferry Bldg.

SAN FRANCISCO—Raymond Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. 12th St. with termination of Bester St.; grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curb, gutter and walks; hyd. conc. inlet with c. l. top; 8-in. vit. pipe drains. Cert. check 10%.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3545	Evergetis	Hardy	10000
3546	Thyseen	MacMillen	3000
3547	O'Brien	Tomassini	2000
3548	Sweeney	Hamilton	1000
3549	Shumate	Merchant	4000
3550	R. C. Archb.	Bigotta	7500
3551	Van Nuys	Henderson	——
3552	Ramsay	Meyer	13430
3553	Lain	Monson	66030
3554	Same	Carlson	3479
3555	Same	Malston	15976
3556	Otis	Walker	350000
3557	New Process	Barrett	1000
3558	Warden	Owner	5000
3559	Saari	Owner	3000
3560	Lang	Arnott	16000
3561	Lang	Owner	6000
3562	St. Catherine	Pac Elev	2900
3563	Johnson	Owner	20000
3564	Price	Owner	45000
3565	Collins	Owner	5000
3566	Jorgensen	Owner	3000
3567	Simpton	Owner	15000
3568	Lambert	Sandberg	5500
3569	Schussler	Biller	1500
3570	Weiner	Wesendunk	4000
3571	Paraffine	Barrett	5000
3572	Blancheflower	Callahan	1750
3573	R C Archb	Brueck	22214
3574	Zeisler	Lindeman	9000
3575	Lindeman	Lindeman	6000
3576	Same	Same	6000
3577	Taylor	Lindeman	14000
3578	Same	Same	14000
3579	Morse	Lindeman	14000
3580	Lambert	Sandberg	5500
3581	W P R R	Mahoney	8400
3582	Olsen	Olsen	4500
3583	Krulikowski	Owner	3000
3584	Morris	Owner	5000
3585	Giannini	Fink	2900
3586	Hutchinson	Johnson	3000
3587	Janssen	Owner	13900
3588	Janssen	Owner	7000
3589	Shell Oil	Owner	1800
3590	Levin	Levy	2750
3591	Draeger	Owner	4000
3592	Carlson	Wiander	2000
3593	Connors	Buckley	2750
3594	Voorhies	Owner	6900
3595	Poole	Keneally	3000
3596	Crocker	Samuelson	8000
3597	Beckman	Owner	4000
3598	Goldberg	Hopper	1150
3599	Thomas	Coburn	1400
3600	Sullivan	Wagner	5500
3601	Allec	Owner	25000
3602	Christensen	Owner	3000
3603	Miley	Mitchell	6000
3604	Chiono	Sourich	5000
3605	Nelson	Owner	12000
3606	Quinn	Owner	5000
3607	Zadig	Greene	12000
3608	Hobrecht	Zinkand	10000
3609	Heyman	Owner	4000
3610	Camelia	Wise	1500
3611	Bass-Hueter	Owner	1200
3612	Mission Marble	Owner	5000
3613	Greenback	Owner	——
3614	Eigen	Warden	7600
3615	Schmulowitz	Devencenzi	1550

FRAME FLATS

(3545) S CALIFORNIA 32-6 W Twenty sixth Ave. Two-story and basement frame (2) flats.
Owner—Panagiotis Evergetis. 6301 California St., San Francisco.
Architect—A. M. Hardy, 518 24th Ave., San Francisco. $10,000

DWELLING

(3546) S NEWCOMB 125 E Mendell. One-story and basement frame dwelling.
Owner—E. Thyseen, — Newcomb Ave., San Francisco.
Architect—None.
Contractor—R. S. MacMillen, 2641 Howard St., San Francisco. $3000

DWELLING

(3547) S GREENWICH 86-6 E Buchanan. One-story and basement frame dwelling.
Owner—John O'Brien, 55 Pixley Ave., San Francisco.
Architect—T. Tomassini, 211 Moulton St., San Francisco.
Contractor—Tomassini Co., 211 Moulton St, San Francisco. $2000

ALTERATIONS

(3548) NO. 252 HERMAN. Move cottage to rear of lot and construct concrete foundation, steps, etc.
Owner—P. M. Sweeney, 252 Herman St., Premises.
Architect—None.
Contractor—E. B. Hamilton, 2995 22nd St., San Francisco. $1000

ALTERATIONS

(3549) N CLEMENT 82-6 E Second Ave. Raise and remodel for store and flat.
Owner—Dr. T E. Shumate, 68 Post St., San Francisco.
Architect—W. G. Merchant, 806 Masonic Ave., San Francisco.
Contractor—C. T. Merchant, 180 Jessie St., San Francisco. $4000

PAINTING

(3550) N FILBERT 137-6 E Powell E 137-6xN 160. All work for painting St. Peter and Paul's Church building.
Owner—The Roman Catholic Archbishop of San Francisco, 1100 Franklin St., S. F.
Architect—Charles Fantoni, 550 Montgomery St., San Francisco.
Contractor—P. A. Bigotta, 1213 Stockton St., San Francisco.
Filed Sept. 20, '23. Dated Sept. 20, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $7500
Bond, $3750. Surety, Maryland Casualty Co. Limit, Jan. 15, 1924. Forfeit, $10. Plans and specifications filed.

ALTERATIONS

(3551) SE BUCHANAN AND BIRCH Ave. All work for alterations to two-story and basement brick building.
Owner—J. B. Van Nuys, Los Angeles.
Architect—C. Heller, 57 Post St., S. F.
Contractor—W. D. Henderson, Monadnock Bldg., San Francisco.
Filed Sept. 20, '23. Dated Sept. 17, '23.
As work progresses..... 85%
Usual 35 days.....Balance
TOTAL COST, $——
Contractor to receive cost plus 10%. Bond limit, forfeit, plans and specifications, none.

FRAME FLATS

(3552) W FIFTEENTH AVE 204 N Fulton N 75xW 120. All work for two-story and basement frame flats.
Owner—J. S. Ramsay, 500 Castro St., San Francisco.
Architect—H. C. Baumann and Edwa Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Sept. 20, '23. Dated Sept. 12, '23
Wall and roof sheathing in place

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

....$3357.50
Brown coated 3357.50
Completed and accepted..... 3357.50
Usual 35 days..... 3357.50
TOTAL COST, $13,430.00
Bond, $6715. Sureties, Anna Meyer and Theodore G. Meyer. Limit, 90 days. Forfeit, none. Plans and specifications filed.

THEATRE, ETC.
(3553) W GRANT AVE 68-9 N Jackson N 68-9xW 137-6. All work except electric work, structural steel, and finish hardware for theatre, store and office building.
Owner—Ghim Lain, 723 Grant Ave., San Francisco.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco.
Filed Sept. 20, '23. Dated Sept. 18, '23.
On 1st of each month..... 75%
Usual 35 days%..... 25%
TOTAL COST. $66.030
Bond, $66,030. Surety, Fidelity & Deposit Co. of Maryland. Limit, 100 days Forfeit, $25. Plans and specifications filed.

(3554) ELECTRICAL WORK ON above.
Contractor—J. M .Carlson (as Central Electric Co.), 179 Minna St., S. F.
Filed Sept. 20, '23. Dated Aug. 31, '23. Payments same as above.....
TOTAL COST, $3479
Bond, llmit. none. Forfeit, $10. Plans and specifications filed.

(3555) STRUCTURAL STEEL WORK on above.
Contractor—Ralston Iron Works, 20th and Indiana Sts., San Francisco.
Filed Sept. 20, '23 Dated Aug. 30, '23. Payments same as above.....
TOTAL COST, $15,976
Bond, $15,976. Surety, United States Fidelity & Guaranty Co. Limit, 60 days Forfeit, $25. Plans and specifications filed.

FACTORY
(3556) SW GRANT AVE AND BEACH Two-story concrete and brick factory.
Owner—Otis Elevator Co., Beach and Stockton Sts., San Francisco.
Plans by Owner.
Contractor—P. J. Walker Co., 607 Sharon Bldg., San Francisco. $350,000

ALTERATIONS
(3557) NW HERON AND EIGHTH. Erect mezzanine floor, 20x38 ft., and install windows.
Owner—New Process Laundry, Prem.
Architect—J. Jenkins.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $1000

DWELLING
(3558) NW MERCED AND LAGUNA Honda Blvd. One-story and basement frame dwelling.
Owner—Albin Warden, 726 20th Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $5000

DWELLING
(3559) N BRUSSELS 100 N Felton. One-story and basement frame dwelling.
Owner—S. Saari, 155 Brussels St., San Francisco.
Architect—None. $3000

DWELLINGS
(3560) N PORTOLA 35, 70, 105 and 140 W Waithman. Four one-story and basement frame dwellings.
Owner—Lang Realty Co., 1st National Bank Bldg., San Francisco.
Architect—Harold Stoner, 1st National Bank Bldg., San Francisco.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $4000 each

DWELLINGS
(3561) E THIRTY-THIRD AVE 150 and 175 N Irving. Two two-story and basement frame dwellings.
Owner—Fernando Nelson & Sons, 2 West Portal Park, San Francisco.
Architect—None. $3000 each

ELEVATOR
(3562) S POTRERO AVE. opp. 21st St Install passenger elevator.
Owner—St. Catherine's Home, Prem.
Architect—None.
Contractor—Pacific Elevator & Equipment Co., 1123 Howard St., San Francisco. $2900

APARTMENTS
(3563) W FRANKLIN 40 S Bay. Three story and basement frame (11) apartments.
Owner—Axel A. Johnson, 632 Belvedere St., San Francisco.
Architect—None. $20,000

FACTORY
(3564) N.E. EIGHTH AND HERON Sts. 1-story reinforced concrete mattress factory.
Owner—Merton P. Price, 630 20th Ave., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco. $45,000

DWELLING
(3565) N AMAZON 50 W Lisbon. 2-story and basement frame dwlg.
Owner—Charles E. Collins, 34 Bennington Ave., S. F.
Plans by owner. $5000

SHOP
(3566) NE BRYANT AND TENTH STS 1-story concrete shop.
Owner—Carl Jorgensen, 604 Mission St. San Francisco.
Architect—J. G. Little & Co., 251 Kearny St., San Francisco. $3000

SHOP
(3567) E HARRIET 125 S Bryant. 1-story and basement frame shop.
Owner—Walter I. and Harold E. Simpton (Phoenix Sidewalk Light Co.), 472 Monadnock Bldg., San Francisco.
Architect—None. $1500

DWELLING
(3568) W THIRTY-THIRD AVE 200 N Anza. 1-story and basement frame dwelling.
Owner — William E. & Elizabeth S. Lambert, 1903 Webster St., S. F.
Architect—None.
Contractor—G. Sandberg, 425 20th Ave., San Francisco.

SHED
(3569) N PERRY 203 W 4th. 1-story frame shed.
Owner—J. Schussler & Co.
Architect — Powers and Ahnden, 460 Montgomery St., S. F.
Contractor—John Biller, 460 Montgomery St., S. F. $1500

September 22, 1923

STORES
(3570) S GENEVA 120 E Mission. 1-story frame stores.
Owner—S. Weiner, 1662 Ellis St. S. F.
Architect—C. G. Clausen, Hearst Bldg., San Francisco.
Contractor — A. A. Wesendunk, 1747 Dolores St., S. F. $4000

ALTERATIONS
(3571) S BRANNAN 300 W 3rd. Erect T & G partitions in 1st & 2nd floors remove portion of partitions in 1st floor and replace with 2-in. wood partition.
Owners—Paraffine Paint Co., 1st and Stevenson Sts., S. F.
Engineer—L. S. Rosener, Insurance Exchange Bldg., S. F.
Contractor—Barrett and Hilp, 918 Harrison St., San Francisco. $5000

RAISE DWLG. ETC.
(3572) 480 TWENTY-SECOND AVE. Raise dwelling; concrete foundation and floor; plumbing, etc.
Owner—Mrs. Blancheflower, 132 Clinton Park, S. F.
Architect—None.
Contractor—Jack Callahan, 900 Clayton St., S. F. $1750

GARAGE, ETC.
(3573) SW FRANCIS AND ALEMANY Ave. All work except electric, plumbing and heating for social hall and garage building (Class D building).
Owner—The Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—John O. Lofquist, 1399 Tamalpais St., Berkeley.
Contractor—Michael Brueck, 600 Charter Oak Ave., San Francisco.
Filed Sept. 22, '23. Dated Sept. 18, '23. NOTE—Permit replied for Sept. 15, 1923, No. 3473.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $22,214
Bond, $11,107. Surety, Globe Indemnity Co Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(3574) E TWENTY-SEVENTH AVE 150 N Geary N 23-0-2¾ m or l SE 25 m or l W 132-9¼ m or l to beg. All work for one-story bungalow.
Owner—E. A. Zeisler.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.
Filed Sept. 22, '23 Dated July 9, '23.
Price of lot.....$2500.00
Cash paid 1100.00
Frame up 1062.50
Rough plastered 1062.50
Completed and accepted..... 1062.50
Usual 35 days..... 1062.50
Note secured by mortgage.. 3650.00
TOTAL COST, $9000.00
Bond, none. Limit, 120 days. Forfelt, none. Plans and specifications filed.

BUNGALOW
(3575) E TWENTY-FOURTH AVE 35 S Cabrillo S 25xE 82-6. All work for one-story frame bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.
Filed Sept. 22, '23. Dated Sept. 1, '23.
Enclosed $1500
Rough plastered 1500
Completed 1500
Usual 35 days..... 1500
TOEAL COST, $6000
Bond, none. Limit, 90 days. Forfelt, $3. Plans and specifications filed.

BUNGALOW
(3576) E TWENTY-FOURTH AVE 60 S Cabrillo S 25xE 82-6. All work for one-story bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 530 Balboa St., San Francisco.
Filed Sept. 22, '23. Dated Sept. 1, '23.
Enclosed $1500
Rough plastered 1500
Completed 1500
Usual 35 days..... 1500
TOTAL COST, $6000
Bond, none. Limit, 90 days. Forfeit, $3. Plans and specifications filed.

APARTMENTS
(3577) E TWENTY-SEVENTH AVE 225 N Geary N 25 E 122-4¼ m or l S 25-1⅝ m or l W 124-11⅝. All work for two-story and basement frame apartment building.
Owner—Max and Regina Taylor, 619 27th Ave, San Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.
Filed Sept. 22, '23. Dated July 26, '23.
On execution of agreement....$1750
Roof on 3000
Brown coated 3000
Completed and accepted..... 3000
Usual 35 days..... 3250
TOTAL COST, $14,000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(3578) E TWENTY-SEVENTH AVE 200 N Geary N 25xE 124-11⅝ m or l S 25-1⅝ m or l W 127-7 m or l to beg. All work for two-story and basement frame apartments.
Owner—Max and Regina Taylor, 619 27th Ave, San Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.
Filed Sept. 22, '23. Dated July 26, '23.
On execution of agreement....$1750
Roof on 3000
Brown coated 3000
Completed and accepted..... 3000
Usual 35 days..... 3250
TOTAL COST, $14,000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(3579) S ANZA 82-6 E Twentieth Ave. E 25xS 100. All work for two-story frame apartment.
Owner—Cornelia Morse, 619 27th Ave., San Francisco.
Architect—None.

Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.
Filed Sept. 22, '23. Dated July 27, '23.
On execution of agreement....$1750
Roof on 5000
Brown coated 3000
Completed and accepted..... 3000
Usual 35 days..... 2250
TOTAL COST, $14,000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(3580) W THIRTY-THIRD AVE 200 N Anza N 25xW 120 OL 257. All work for one-story and basement frame residence.
Owner—Wm. E. and Elizabeth S. Lambert, 274 19th Ave., S. F.
Architect—None.
Contractor—Gustaf Sandberg, 5916 California St., San Francisco.
Filed Sept. 22, '23. Dated Sept. 22, '23.
Frame up $1375
Roof on and 1st coat plaster on and rough plumbing in..... 1375
Completed and accepted..... 1375
Usual 35 days..... 1375
TOTAL COST, $5500
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

WAREHOUSE
(3581) SE VERMONT & FIFTEENTH Streets. 1-story concrete warehouse
Owner—Western Pacific R.R. Co., Mills Building, San Francisco.
Architect — Chief Engineer of W. P. R.R. Co., Mills Bldg., S. F.
Contractor — Mahony Bros., Flood Bldg., San Francisco. $84,000

DWELLING
(3582) SW SANTA YNEZ & OTSEGO. 1-story and basement frame dwlg.
Owner—Amanda Olsen, 501 Jefferson Ave., Redwood City.
Architect — McCain & Skidmore, 318 Kearny St., S. F.
Contractor—Olaf Olsen, 501 Jefferson Ave., Redwood City, Cal. $4500

DWELLING
(3583) S JOOST AVE 100 W Baden. 1-story and basement frame dwlg.
Owner — Tony Krulikowski, 634 Missouri St., San Francisco.
Architect—None. $3000

DWELLING
(3584) S BALBOA 95 W 11th Avenue. 1-story and basement frame dwlg.
Owner—A. T. Morris, 602 9th Ave., San Francisco.
Architect—None. $5000

REPAIRS
(3585) NO. 2239 MASON ST. Repair fire damage (Hotel-Restaurant)
Owner—A. P. Giannini Co., Clay and Montgomery Sts., S. F.
Architect—None.
Contractor — The Fink and Schindler Co., 226 13th St., S. F. $2900

DWELLING
(3586) S DAY 150 E Church. 1-story & basement frame dwelling.
Owner—H. E. Hutchinson.
Architect—None.
Contractor—Joel Johnson & Son, 180 Jessie St., S. F. $3000

FLATS
(3587) E TWENTIETH AVE 350 375 400 425 N Geary. 4 2-story and basement frame (2 in each) flats.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $6950

FLATS
(3588) E ELEVENTH AVE. 55 S Cabrillo. 2-story and basement frame (2) flats.
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $7000

LAVATORY & SERVICE STATION
(3589) NE MAYNARD AND MISSION. 1-story steel lavatory and 1-story steel service station.
Owner — Shell Co. of California, 343 Sansome St., S. F.
Plans by owners. $1800

ALTERATIONS
(3590) SE CASTRO AND SEVENteenth. Remodel store front; rearrange partitions.
Owner—Samuel H. Levin, Inc., 617 Chronicle Bldg., S. F.
Architect—None.
Contractor—Jules Levy, 1035 Golden Gate Ave., San Francisco. $2750

ALTERATIONS
(3591) NE McALLISTER & STEINER General alterations and repairs to flats.
Owner—Geo. V. Draeger, 799 McAllister St., San Francisco.
Architect—G. A. Berger, 261 Valencia St, San Francisco. $4000

ALTERATIONS
(3592) NO. 2563 TWENTY-NINTH Ave. Raise dwelling and make general alterations and repairs.
Owner—W. Carlson, Premises.
Architect—None.
Contractor—E. Wiander, 41 Coleridge St., San Francisco. $2000

ALTERATIONS
(3593) E HOFFMAN AVE 100 N Elizabeth. Raise 4-room cottage; add 4 rooms and alter for basement garage.
Owner—Frank Connors, 213 Hoffman Ave., San Francisco.
Architect—None.
Contractor—J. Buckley, 63 Portola Drive, San Francisco $2750

FRAME FLATS
(3594) W MASONIC AVE 40 N Fulton Two-story and basement frame (4) flats.
Owner—W. R. Voorhies, 12 Layola Terrace, San Francisco.
Architect—None. $6900

DWELLING
(3595) E NAYLOR 100 S Winuding Way. One-story and basement frame dwelling.
Owner—Geo. Poole, 227 Texas St., San Francisco.
Architect—None.
Contractor—H. J. Keneally, 2175 Green St., San Francisco. $3000

DWELLINGS
(3596) S ROLPH 58 and 86 E Munich. Two one-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None.
Contractor — A. M. Samuelson, 290 Rolph St., San Francisco. $400 ea

DWELLING
(2597) W GENESEE 25 N Flood. One story and basement frame dwelling.
Owner—Backman Bros., 124 Foerster St., San Francisco.
Architect—None. $4000

ALTERATIONS
(3598) NO. 980 MARKET. Remove marquise; paint and redecorate & repair floor (theatre).
Owner—Mr. Goldberg, 980 Market St., San Francisco.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $1150

ALTERATIONS
(3599) NO. 1245-47 VALENCIA. Tar and gravel roofing; plastering; painting and glazing.
Owner—Leon Thomas, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $1400

STORES, ETC.
(3600) N MISSION 125 E Sixth. Four-story and basement brick stores and lofts.
Owner—Walter H. Sullivan, Inc., Alexander Bldg., San Francisco.
Architect—None.
Contractor—George Wagner, 251 Kearny St., San Francisco. $55,000

ADDITION
(3601) NO. 2140 FOLSOM. Reinforced concrete one and two-story addition (annex for dye room, loading room and wrapping room).
Owner—J. Allec, 26 Montgomery St, San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomedy St., S. F. $25,000

DWELLING
(3602) N GENEVA AVE 50 E Lisbon. One-story and basement frame dwelling.
Owner—Max Christensen, 1720 Fillmore St., San Francisco.
Architect—None. $3000

DWELLING
(3603) W TWENTIETH AVE 100 S Noreiga. Two-story and basement frame dwelling.
Owner—Mary E. and Jas H. Miley, 22d and Bryant Sts., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. $6000

FRAME FLAT, ETC.
(3604) W THIRD 101-6 S Paul Ave. Two-story frame store and flat.
Owner—Rosa Chiono, 1343 Egbert St., San Francisco.
Designer—T. A. Sourich, 1733 Palou Ave., San Francisco.
Contractor—T. A. Sourich, 1733 Palou Ave., San Francisco. $5000

FRAME FLATS
(3605) E TWENTY-NINTH AVE 225 and 250 N Clement. Two two-story and basement frame (2 in each) flats.
Owner—N. J. Nelson, 846 42nd Ave., San Francisco.
Architect—None. $6000 each

ALTERATIONS
(3606) E CHURCH bet. Market and Fifteenth Sts. (265-7-9-71 Church St.) Raise and make alterations for (8) apartments.
Owner—Thomas Quinn, 269 Church St., San Francisco.
Architect — A. W. Richardson, 941 Church St., San Francisco. $5000

FLATS
(3607) W FRANKLIN 35 S Broadway. Two-story and basement frame (2) flats.
Owner—The Union Trust Co. of S. F., Trustee for Mrs. Bertha Zadig, Grant Ave. and Market S., S. F.
Architect — Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—M. E. Greene, 180 Jessie St, San Francisco. $12,000

FRAME FLATS
(3608) S GROVE 156-3 W Ashbury. Two-story and basement frame (2) flats.
Owner—Dr. Chas. B. Hobrecht, 1588 Fulton St., San Francisco.
Architect—John H. Merz, 273 Lily Ave., San Francisco.
Contractor—Ed. Zinkand & Son, 434 10th Ave., San Francisco. $10,000

DWELLING
(3609) SE GIRARD AND FELTON. One-story and basement frame dwelling.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $4000

ALTERATIONS
(3610) NO. 558 THIRTY-FOURTH Ave. Alterations for private garage; cement work, etc.
Owner—S. Camelia, Premises.
Architect—None.
Contractor—L. N. Wise, 1010 Haight St., San Francisco. $1500

ALTERATIONS
(3611) TWENTY-FOURTH & RHODE Island. Construct reinforced concrete retaining wall; wood platform.
Owner—Bass Hueter Paint Co, 24th and Kansas Sts., San Francisco.
Engineer—Edwin Drager, 937 53rd St., Oakland. $1200

MARBLE WORKS
(3612) S MARIPOSA bet. Misssissippi and Pennsylvania Sts. Two-story frame marble works.
Owner — The Mission Marble Works, 363 Guerrero St., S. F.
Architect—None. $5000

DWELLING
(3613) W PLATO 190 S Masonic Ave. One-story and basement frame dwelling.
Owner—S. Greenback, 825 Monadnock Bldg, San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $—

DWELLINGS
(3614) W TWENTY-FOURTH AVE 150 and 175 S Irving. Two two-story and basement frame dwlgs.
Owner — E. Eigen, 825 Monadnock Mldg., San Francisco.

Architect — J. C. Iladik, Monadnock Bldg., San Francisco.
Contractor — Fred Warden, 825 Monadnock Bldg., S F. $3800 each

ENCAVATION
(3615) W THIRTY-SIXTH AVE, 250 S Anza S 150 W 120, Excavation.
Owner — Nat Schmulowitz, Merchants Natl. Bank Bldg., S. F.
Architect—None.
Contractor—L. Devincenzi, 148 Blake, San Francisco.
Filed Sept. 26, 1923. Dated Sept. 15, 1923
When ½ work completed 1/3
Completed and accepted 1/3
Usual 35 days 1/3
TOTAL COST, $1550
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Sept. 20, 1923—S BROADWAY 160 E Leavenworth 46x60. Wm H Depew to R Ehrhardt Co.....Sept 19, 1923
Sept. 20, 1923—NE McALLISTER & Leavenworth E 62-6xN 87-6. Mrs Anita Grimm to The Turner Co.. .....Sept. 17, 1923
Sept. 20, 1923—W FORTY-SECOND Ave 350, 380, 410, 440, 470 S Anza S 30xW 120; Com. at pt 500 S Anza on W line 42nd Ave S 25xW 95. Thos Hamill to whom it may concern.....Sept. 20, 1923
Sept. 20, 1923—N TURK 87-6 E Hyde E 50xN 137-6. Christopher C Miller to Thomas Skelly.Sept. 11, '23
Sept. 20, 1923—SE WELSH 225 SW Zoe SW 62-6xSE 75. A D Keyes to Alfred H Vogt.....Sept. 19, 1923
Sept. 20, 1923—NE EIGHTEENTH & Noe 50x60. J M Curtin to Jas F McCarthy.....Sept. 20, 1923
Sept. 20, 1923—W TWENTY-FIRST Ave 30 S Cabrillo 2819x95. S Lagomarsino to whom it may concern .....Sept. 20, 1923
Sept. 20, 1923—W TWENTIETH AV 400, 375 and 425 S Moraga 25x120. Bud Herrington to whom it may concern.....Sept. 20, 1923
Sept. 21, 1923—S GEARY 32-6 W Eighteenth Ave 50x100. Robert H Smith to whom it may concern... .....Sept. 21, 1923
Sept. 21, 1923—S ULLOA 25 E Granville Way E 30 S 97 W 35 .. 97. E J Montgomery to whom it may concern.....Sept. 17, 1923
Sept. 21, 1923—N GEARY 95 W Twenty-second Ave. Lucieri R Gruss to Meyer Bros Corp..... .....Sept. 21, 1923
Sept. 21, 1923—LOT 13 BLK 3166 Westwood Park. Harry and Matilda T Barley to Wilson & Benson .....Sept. 20, 1923
Sept. 21, 1923—N BAYNARD 100 W Congdon 50x100. Charles Pitrantuoni to whom it may concern... .....August 4, 1923
Sept. 21, 1923—N LAKE 90 W 12th Ave N 72xW 30. John H Kahlmoos to H J Hansen.....Sept. 21, 1923
Sept. 21, 1923—ALTERATIONS OF Market St. sidewalk fronting Southern Pacific Co's General Office Bldg. Southern Pacific Co to C W and H H Haun..Sept. 13, 1923
Sept. 24, 1923—LOTS 14 AND 15 Blk 2983, Claremont Court. Walter E Hansen to whom it may concern.. .....Sept. 21, 1923
Sept. 24, 1923—S GROVE 182-½ W Polk W 24xS 80. Jacob Weissbein to Meyer Bros.....Sept. 24, 1923
Sept. 24, 1923—LOT 13 BLK 3178, Westwood Park. Hans and Esther E Nelson to whom it may concern .....Sept. 24, 1923
Sept. 24, 1923—SE FOLSOM 200 SW First S W75xSE 100. Catherine Dunne Co to G P W Jensen..... .....Sept. 21, 1923
Sept. 24, 1923—E FIFTEENTH AVE 200 N Fulton, 762 15th Ave. F E and Isabelle W Meachan to Otto Anderson.....Sept. 21, 1923
Sept. 24, 1923—S VALLEJO 195 E Pierce E 30xS 137-6. Cameron & Disston to whom it may concern .....Sept. 24, 1923
Sept. 24, 1923—TOWNSEND bet. 4th and 8th Sts. Southern Pacific Co to Eaton & Smith.....Sept. 15, 1923
Sept. 24, 1923—N FILBERT 175-6 E Stockton. Mrs. L Lorenzetti to G Ferroni & Sons.....Sept. 22, 1923
Sept. 24, 1923—W WORTH AVE 231 S Eugenia Ave S 25x70-6. Gertrude McCann to S Saari..Sept. 22, '23
Sept. 25, 1923—NE SAN BRUNO AVE 87-6 NW 18th 25x100. Louis Pluth to A L Stewart.....Sept. 25 1923
Sept. 25, 1923—S MAGELLAN AVE 40 E 12th Ave 40x100. H R Blair Jr to C F Parker.....Sept. —, 1923
Sept. 25, 1923—S MAGELLAN AVE 120 E 12th Ave 40x100 H R Blair Jr to C F Parker.....Sept. —, 1923
Sept. 25, 1923—W RAUSCH 200 N Folsom. Mullen Mfg Co to Vukicevich & Bagge.....Sept. 5, 1923
Sept. 25, 1923—E PRESIDIO AVE 125 S California S 25xE 100. Dr. F A Gawthorne to whom it may concern.....Sept. 24, 1923
Sept. 25, 1923—E EASTWOOD DR 3 S from N line Lot 31 Blk 3177 Westwood Drive S 32 NE 95 N 32 SW 97.014 Ptn Lot 31 Blk 3177, Westwood Park. Hans & Esther E Nelson to whom it may concern.....Sept. 21, 1923
Sept. 25, 1923—E OCTAVIA 125 N Chestnut N 25xE 100. R E Sharboro, H L Detjen and Jno F Noonan to A M Hardy.....Sept. 17, 1923
Sept. 25, 1923—N PINE 212-6 W Taylor W 25xN 137-6. J and wife Francoise Collin to whom it may concern.....Sept. 20, 1923
Sept. 25, 1923—E THIRTY-SIXTH Ave 90 S Balboa S 150 E 120 N 140 W62-6 N 10 W 57-6 Jonathan Anderson to Meyer Bros..... .....Sept. 25, 1923
Sept. 25, 1923—N NATOMA AND Eighth NW 75xNE 275. Talbot Investment Co to Lawson & Drucker .....Sept. 21, 1923
Sept. 25, 1923—E THIRTY-SIXTH Ave 90 S Balboa S 150 E 120 N 140 W62-6 N 10 W 57-6 Jonathan Anderson to Meyer Bros..... .....Sept. 25, 1923
Sept. 25, 1923—NATOMA AND Eighth NW 75xNE 275. Talbot Investment Co to Lawson & Drucker .....Sept. 21, 1923
Sept. 25, 1923—S GREENWICH 127 E Van Ness Ave E 50xS 127. B and Julia Goodwin to whom it may concern.....Sept. 20, 1923
Sept. 25, 1923—W DIVISADERO 45 S California 58-9x110. Emil Nelson to whom it may concern.Sept. 25, 1923
Sept. 26, 1923—LOT 18 BLK 3189, Westwood Park. Hans and Esther E Nelson to whom it may concern .....Sept. 25, 1923
Sept. 26, 1923—E EIGHTEENTH AV 200 N Fulton N 25xE 120. John F Mullane to O K Holt...Sept. 24, 1923
Sept. 26, 1923—E EIGHTEENTH AV 175 N Fulton — 25xE 120. John F Mullane to O K Holt..Sept 24, '23
Sept. 26, 1923—W SEVENTEENTH Ave 250 N Fulton 25x120. A M Alexander to whom it may concern .....Sept. 25, 1923
Sept 28, 1923—N HOWARD AND Lafayette 23x80. Eugenio Erigero to Fred S Johnson.....Sept. 28, 1923
Sept. 28, 1923—S CHESTNUT 106-3 E Octavia E 25xS 107-6. Alfred E Hind to whom it may concern..—
Sept. 28, 1923—S CHESTNUT 81-3 E Octavia E 25xS 82-6. Alfred E Hind to whom it may concern.... .....Sept. 27, 1923
Sept. 28, 1923—N ANZA 82-6 E 20th Ave. Theresia Frustuk to whom it may concern.....Sept. 28, 1923
Sept. 28, 1923—NW POLK AND Bonita N 25xW 84-6. W H Hicks to Peter Sartorio.....Sept. 28, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted
Sept. 20, 1923—N. GREENWICH 86 E Lyon E 29xN 75. M Stulsaft Co Heating Dept vs Morris and Fannie Blumberg.....$298.80
Sept. 21, 1923—SE EIGHTEENTH & Castro 55 on 18th and 100 on Castro. Tyre Bros Glass Co vs De Lannoy & Mutch, Beatrice McNulty, Solomon Marcuse tr Gustave May $499
Sept. 21, 1923—NW VAN NESS AVE and Bush N 60xW 100. George Hudson (as National Lathing Co) vs A L Stone and P E Blalack... .....$460.66
Sept. 21, 1923—SE STILLMAN 175 SW Third SW 37-6xSE 80. Ole Olson vs Gust Angelos (as Mionea Pie Co.).....$45.50
Sept. 21, 1923—N GROVE 216-6 W Franklin W 64 N 58-9 W 27-6 N 68-9 E 91-6 S 137-6. S Mariani & Sons vs Giacomo and Mary Demaestri and E K Nelson.....$315.25
Sept. 21, 1923—NE GEARY AND Thirty-fifth Ave E 32-6xN 100. Christenson Lumber Co vs F J Povey $1362.80
Sept. 21, 1923—NE GEARY AND Thirty-fifth Ave 32-6 on Geary and 100 on 35th Ave. M P Killian vs F J Povey and C D Delmarter...$155
Sept. 21, 1923—SW FIFTH AND Harrison SE 34-4½xSW 137-6. Hart-Wood Lumber Co vs Max W and Anna R Minder and Charles F Schultz Co.....$1206 51
Sept. 21, 1923—NE GEARY AND Thirty-fifth Ave E 32-6xN 100. The California Door Co vs C D Delmarter and F J Povey $291
Sept. 21, 1923—NE GEARY AND Thirty-fifth Ave E 32-6xN 100. G B Jackson & Sons vs C D Delmarter and F J Povey.....$108.45
Sept. 21, 1923—N GROVE 215-6 W Franklin W 32 N 68-9 W 27-6 N 68-9 E 59-6 S 137-6. A Ramazzotti vs G Demaestri and Mary Demaestrl and E K Nelson.....$1033.15
Sept. 22, 1923—SW FIFTH 240-7½ SE Harrison SE 34-4½xSW 137-6. Michel & Pfeffer Iron Works vs Charles F Schuetz Co and Max W Mindner $38.15
Sept. 22, 1923—SW FIFTH 240-7½ SE Harrison SE 34-4½xSW 137-6. P A Smith Co vs Chas F Schuetz Co and Max W Mindner $408
Sept. 24, 1923—W NINTH AVE 50 N Judah N 25xE 95. Dowd Seid Electric Co vs James C Gibson.....$565
Sept. 24, 1923—E NINTH AVE 75 N Judah W 25xE 95. Dowd Seid Electric Co vs James C Gibson..$565
Sept. 24, 1923—W FIFTH 240-7½ S Harrison S 34-4½xSW 137-6. Reliable Roofing Co vs Charles F Schnetz and Charles Mindner..$256
Sept. 24, 1923—W FORTY-FIFTH Ave 175 S Lincoln Way 25x120. The Greater City Lumber Co vs C G Lawton.....$297.15
Sept. 25, 1923—120 DESOTO AVE., Ingleside, bet Urban Drive and Holloway Ave, Lot 10 Blk 20, Ingleside Terrace. Herrings Mill, Inc vs W A Moore.....$718.90
Sept. 25, 1923—E NINTH AVE 50 N Judah N 50xE 95. A C Anderson and C H Christensen vs James C and Fannie E Gibson.$2000
Sept. 25, 1923—W ELEVENTH AVE 175 N Judah N 25xW 120. Leonard Lumber Co vs Mandel and Dora Zelinski and Alfrer C. Dahl..$529.74
Sept. 25, 1923—NW VAN NESS AVE and Bush — 60 W 100 No. 1405 Van Ness Ave. Otto Vieroth vs T J Pierce or Pearce, Fred W Holman and P E Blalock.....$96.75
Sept. 26, 1923—COMG. 175 W Third with S Stillman S 80xW 37-6. Edward W Walsh vs Gust Angelos, Mission Pie Co, Pacific Pie Co, Charles Sartoria and M S Towers $60.50
Sept. 26, 1923—N MANGLES AVE., bet. Genessee and Forester No. 463 Mangles Ave. Frank E Page vs William Thomas $34.70

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Sept. 20, 1923—NO. 36 JORDAN AVE. United States Internal Revenue to Betty Sampson (Internal Revenue Lien) $251.84
Sept. 24, 1923—S FELTON 73 E Goettinger E 25xS 100. The Greater City Lumber Co to Epifanio Basques .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Sept. 20, 1923—W GRANT AVE 68-9 N Jackson N 68-9xW 137-6. Mary Marulcano as to improvements on property .....
Sept. 20, 1923—W COLE 100 S Carl S 75xW 100. Lange Invst Co as to improvements on property.....
Sept. 21, 1923—SE MARKET 75 SW Third SW 50xSE 100. City Investment Co as to improvements on property .....

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Sept. 24, 1923—S JERSEY 186-8 E Diamond E 26-8xS 114. John W and Marie Carroll with Sam J Ellis. Work ceased....Aug. 17, 1923

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4347	Schlueter	Graff	5000
4348	Wells	Wells	4000
4349	Price	Mason	5500
4350	Raaelin	Christensen	12000
4351	Scherling	Sircy	4680
4352	Piper	Owner	1000
4353	Wheeler	Owner	2000
4354	Alameda	Owner	5500
4355	Tumble	Merritt	1800
4356	Birch	Owner	2000
4357	Palmer	Sommarstrom	8000
4358	Bottano	Campomenosi	5000
4359	Reeves	Owner	2000
4360	Dowling	Owner	3500
4361	Knapp	Casha	2200
4362	Sprague	Owner	9000
4363	Zunnino	Jacks	1000
4364	Nissen	Reed	6000
4365	Gastman	Owner	6000
4366	Johnson	Johnson	12000
4367	Girola	Cederborg	13695
4368	Birch	Owner	2000
4369	Pacific	Ehlers	1000
4370	Young	Owner	4000
4371	Baird	Owner	4800
4372	Sutherland	Owner	3500
4373	Burns	Walson	3000
4374	Pearson	Brown	2000
4375	Netherby	Owner	2500
4376	Le Blanc	Houck	4000
4377	Gerrish	Holton	5933
4378	Scanlon	White	1175
4379	Johnson	Owner	3000
4380	Rinkert	Owner	3500
4381	Grazier	Owner	2000
4382	Reid	McCausland	8100
4383	Bucklen	Owner	1000
4384	Parker	Owner	3500
4385	MacGregor	Owner	3850
4386	Same	Same	11550
4387	Harbach	Cuthbertson	30973
4388	Ashland	Kidder	3200
4389	Daniells	Rose	4500
4390	Lyon	Owner	5000
4391	Harris	Owner	1000
4392	R. C. Archb.	Asbestos	1181
4393	Theta Chi	Henderson	1500
4394	Bramlage	Bramlage	8985
4395	Seaman	McCord	2800
4396	Burke	Furlong	8500
4397	McInner	McWethy	5000
4398	Cal	MacDonald	35000
4399	Guyot	Owner	5000
4400	Nelson	Owner	4000
4401	Thuman	Owner	3000
4402	Esden	Graham	3000
4403	Rogers	Hendrickson	7000
4404	Gruff	Owner	3000
4405	Birch	Owner	2000
4406	Abart	Owner	2800
4407	Hagrst	Waldman	4000
4408	Whiteman	Owner	4000
4409	Curte	Owner	3000
4410	Graham	Owner	4600
4411	Pac. Enamel	Owner	9000
4412	Baley	Swift	22000
4413	Girola	Cederborg	13965
4414	Falk	Rodgers	6000
4415	Dull	Bigelow	12000
4416	Foster	Wolbold	6500
4417	Caya	Potter	5000
4418	Fox	Owner	2700
4419	Ahlquist	Owner	2500
4420	Bjorge	Pearson	2500
4421	Flagg	Owner	8000
4422	Dolan	Owner	9000
4423	Dolan	Owner	61000
4424	Young	Allen	2800
4425	Olson	Owner	3000
4426	Gilchrist	Owner	4000
4427	Bellencourt	Owner	2000
4428	Wilson	Ulin	1800
4429	Sauer	Oakley	4764
4430	Bettencourt	Owner	4500
4431	Andrews	Owner	6000
4432	Rex	Owner	1200
4433	Smith	Owner	2000
4434	Keegan	Owner	2250
4435	Glantz	Owner	3500
4436	Roth	Winther	2650
4437	Alexander	Brown	10,000
4438	Myers	Prayton	10211
4439	Gwerder	Flittner	2500
4440	Alpha	Bartlett	44460
4441	Lurie	Bay	135000
4442	Wise	Houck	4000
4443	Fox	Fox	4000
4444	Murdock	Anderson	3850
4445	Long	Gastman	1000
4446	Koerber	Berkeley	100000
4447	Morgan	Long	1500
4448	Nylander	Ericsson	3200
4449	Jackson	Larmer	7450
4450	Boshion	Owner	3000
4451	Hizar	Owner	1500
4452	Willis	Owner	3500
4453	Coffman	Fish	3500
4454	Kales	Kales	3500
4455	Parsons	Martin	3455
4456	Nott	Anderson	2950
4457	Giverder	Flittner	2700
4458	Borello	Garello	3900
4459	Warford	Orton	3000
4460	Pfrang	Owner	5000
4461	Silva	Owner	4300
4462	Sloan	Willadsen	4000
4463	Booth	Werner	4000
4464	Heeseman	Leiter	75000
4465	Banks	Calif	9250
4466	Mounts	Reed	4000
4467	American	Owner	6000
4468	Seley	Calif.	1000
4469	Reeves	Owner	2000
4470	Same	Same	2000
4471	Thorne	Owner	4000
4472	Andersen	Mode	2500
4473	Biltz	Colif	29000
4474	Spring	Bruce	—
4475	Breuner	Guilfoy	2157
4476	Mutual	Hopper	34000
4477	Schimmel	Knight	27000

CLEANING PLANT
(4347) NO. 2114 BERKELEY WAY, Berkeley. One-story Class C cleaning and dyeing pant.
Owner—A. Schlueter & Co.
Architect—None.
Contractor—E. C. Graff, 1326 Webster St., Oakland. $5000

DWELLING
(4348) NO. 716 ENSENADA, Berkeley. One-story 5-room dwelling.
Owner—Margaret Wells, 1924 Parker St, Berkeley.
Architect—None.
Contractor—W. B. Wells, 1924 Parker St., Berkeley. $4000

DWELLING
(4349) NO. 1508 HAWTHORNE TERrace, Berkeley. Two-story 7-room dwelling.
Owner—Lawrence M. Price.
Architect—None.
Contractor—Mason McDuffie Co., Shattuck and Addison, Berkeley. $50000

GARAGE & BOILER HOUSE
(4350) SE COR. BOEHMER & KENnedy St., Oakland. 1-story brick garage and boiler house.
Owner—J. R. Kaelin, 1933 5th Ave., Oakland.
Architect—None.
Contractor—H. J. Christensen, 505 17th St., Oakland. $12,000

DWELLING
(4351) S MANDANA BLVD. 245 W Carlston St., Oakland. 1-story 5-room dwelling.
Owner—Leslie F. Scherling, 1086 Randolph Way, Oakland.
Architect—None.
Contractor—J. B. Sircy, 2057 Central Ave., Oakland. $4680

ALTERATION
(4352) 2120 FUNSTON PLACE, Oakland. Alterations.
Owner—Carl F. Piper, premises.
Architect—None. $1000

DWELLING
(4353) N OUTLOOK 37½ W 64th Ave., Oakland. 1-story 3-room dwelling.
Owner—W. A. Wheeler, 6328 Outlook Ave., Oakland.
Architect—None. $2000

DWELLINGS
(4354) N MADELINE 90 & 400 E Laurel Ave., Oakland. 2 1-story 5-room dwellings.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None. $2750 each

ALTER & ADDITION
(4355) 465 THIRTY-FIFTH ST., Oakland. Alter and addition.
Owner—M. Tumble, premises.
Architect—None.
Contractor—Geo. M. Merritt, 1160 1st Ave., Oakland. $1800

DWELLING
(4356) N HILLCREST AVE. 500 W Marlin Ave., Oakland. 1-story 3-room dwelling.
Owner—C. A. Birch, 300 13th St., Oakland. $2000
Architect—None.

FLATS
(4357) N E-SEVENTEENTH ST. 55 W 8th Ave., Oakland. 2-story 10-room flats.
Owner—W. S. Palmer.
Architect—None.
Contractor — M. Felix Sommarstrom, 403 15th St., Oakland. $8000

DWELLING
(4358) W DESMOND ST. 200 N 51st St., Oakland. 1-story 5-room dwlg.
Owner—R. Bottano, 384 51st St., Oakland.
Architect—None.
Contractor—E Campomenosl 5328 Lawton Ave., Oakland. $5000

DWELLING
(4359) 1446 FIFTY-SIXTH AVE., Oakland. 1-story 4-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2000

DWELLING
(4360) 5406 CLAREMONT AVE., Oakland. 1-story 5-room dwelling.
Owner — Dowling & Geary, Federal Bldg., Oakland.
Architect—None. $3500

DWELLING
(4361) N CUSTER 65 E 35th Ave., Oakland. 1-story 4-room dwelling.
Owner—C. Knapp.
Architect—None.
Contractor—Theo. C. Casha, 1839 40th Ave., Oakland. $2200

DWELLINGS
(4362) 2463 2501 2507 DELMAR, Oakland. 3 1-story 5-room dwellings.
Owner—J. E. Sprague, 4578 Edgewood Ave., Oakland. $3000 e
Architect—None.

ALTERATION
(4363) 5305 COLLEGE AVE., Oakland. Alteration.
Owner—F. Zunnino, premises.
Architect—None.
Contractor—Thos. G. Jacks, 607 Arlington Ave., Berkeley. $100

RESIDENCE
(4364) NE SUNNYSIDE AVE. 151.60 E Lake Ave. SE 40 NE 39.73. 2-st 6-room residence and garage.
Owner—O. V. & Lyda M. Nissen, 12 Sunnyside Ave., Piedmont.
Architect—L. F. Ford.
Contractor—C. W. Reed, 534 Pleasant Valley, Oakland.
Filed Sept. 20, 1923. Dated Sept. 12, 192
Roof completed $200
Plastered 200
Completed and accepted 200
TOTAL COST, $600
Bond, Sureties, Forfeit, none; Limit, $
days; Plans and specifications filed.

DWELLING
(4365) NO. 2306 EUNICE, Berkeley. Two-story 7-room dwelling.
Owner — H. H. Gastman, 1263 Euclid Ave., Berkeley. $60
Architect—None.

(4366) N LONGRIDGE RD. 100 Rosemont, Oakland. 2-story 8-room dwelling.
Owner—C. P. & Augusta Johnson, 4 Lagunitas Ave., Oakland.
Architect—None.
Contractor—C. P. Johnson, 432 Lagunitas Ave., Oakland. $12,0

DWELLING
(4367) 455 FORTY-FIFTH ST., Oakland. 2-story 11-room dwelling.
Owner—Frank & Madeline Girola, 4 44th St., Oakland.
Architect—None.
Contractor—A. Cederborg, 1445 Excelsior Ave., Oakland. $13,9

DWELLING
(4368) E JONES AVE. 50 N Burr S Oakland. 1-story 3-room dwelling.
Owner—C. A. Birch, 300 13th St., Oakland.
Architect—None. $2

ALTERATION
(4369) SW COR. TIHRTEENTH A Broadway, Oakland. Alterations.
Owner—Pacific Stores Corp.
Architect—None.
Contractor—Ehlers & Smith, 557 M sion St., S. F. $1

DWELLING
(4370) 4267 MONTGOMERY ST., O land. 1-story 6-room dwelling.
Owner—Jas. H. Young, 4174 Emerald Oakland.
Architect—None. $

DWELLING
(4371) S CLEVELAND 150 W Athol, Oakland. 1-story 5-room dwelling.
Owner—Leroy M. Baird, 1031 Bay View Ave., Oakland.
Architect—None. $4800

DWELLING
(4372) 3400 SIXTY-SECOND AVE., Oakland. 1-story 5-room dwelling.
Owner—T. W. Sutherland, 2865 E-16th St., Oakland.
Architect—None. $3500

DWELLING
(4373) 5801 FLEMING AVE., Oakland 1-story 5-room dwelling.
Owner—C. G. Burns, premises.
Architect—None.
Contractor—L. Walson, 1452 55th St., Oakland. $3000

ADDITION
(4374) 3818 FRUITVALE AVE., Oakland. Addition.
Owner—W. H. Pearson, premises.
Architect—None.
Contractor—C. H. Brown, 3841 Fruitvale Ave., Oakland. $2000

DWELLING
(4375) W FRUITVALE AVE. 350 N Whittle Ave., Oakland. 1-story 4-room dwelling.
Owner—W. A. Netherby, 3841 Fruitvale Ave., Oakland.
Architect—None. $2500

DWELLING
(4376) REAR 40 LOT 7 BLOCK 10 Map 4 Ave. Heights, Oakland. All work for 1-story dwelling.
Owner—Elizabeth Le Blanc, 1538 Willow, Oakland.
Architect—None.
Contractor—H. L. Houck, 4609 Dolores Oakland.
Filed Sept. 21, 1923. Dated Sept. 20, 1923
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $4000
Bond, Sureties, none; Forfeit, $1 day; Limit, 90 days; Plans and specifications filed.

DWELLING
(4377) LOT 9 BLK 22 MAP LAKESHORE Highlands Addition No. 1, Oakland. 2-story and basement frame dwelling except plumbing & fix., elec. fix.
Owner — Blanche F. Gerrish, 3033 Wheeler, Berkeley.
Architect—B. E. Remmel, 435 Grant, Oakland.
Contractor — Wm. Holton, Syndicate Bldg., Oakland.
Filed Sept. 21, 1923. Dated Sept. 17, 1923
Rough plumbing & elec. in.....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $5933
Bond, $2966.50; Sureties, U. S. Fidelity & Guaranty Co.; Forfeit $10 days; Limit, 90 days from Sept. 20; Plans and specifications filed.

ALTERATIONS
(4378) NO. 1617 ADDISON, Berkeley. Alterations.
Owner — C. W. Scanlon, 1543 Addison St., Berkeley.
Architect—None.
Contractor—J. A. White, 1631 Edith St., Berkeley. $1175

DWELLING
(4379) W BOSTON AVE 300 N Hopkins, Oakland. One-story 4-room dwelling.
Owner—E. A. Johnson, 2204 E-39th St., Oakland.
Architect—None. $3000

DWELLING
(4380) NO. 2014 TWENTY-FOURTH Ave., Oakland. One-story 5-room dwelling.
Owner—Fritz Rinkert, 3510 Peralta Ave., Oakland.
Architect—None. $3500

DWELLING
(4381) N SIXTY-THIRD 100 E San Pablo Ave., Oakland. One-story 4-room dwelling.
Owner—Lee Grazier, 1096 63rd St., Oakland.
Architect—None. $2000

FLATS
(4382) S E-THIRTY THIRD 75 W Elliott St., Oakland. Two-story 8-room flats.
Owner—M. E. Reid, San Jose and Clinton St., Alameda.
Architect—None.
Contractor—F. A. McCausland, Richmond. $8100

ADDITION
(4383) NO 4708 CALAVERAS ST., Oakland. Addition.
Owner—C. Bucklen, Premises.
Architect—None. $1000

DWELLING
(4384) E NINETY-SECOND AVE 80 N Olive St., Oakland. One-story 5-room dwelling.
Owner—Joseph Parker, 944 E-14th St., Oakland.
Architect—None. $3500

DWELLING
(4385) S FIFTY-FIFTH 726 E Gaskill Oakland. One-story 6-room dwlg.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $3850

DWELLINGS
(4386) S YERBA BUENA AVE 37 and 76 E Adeline, Oakland.
SE YERBA BUENA & ADELINE, Oakland Three one-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $3580 each

APARTMENTS
(4387) PT 125 N OF NE COR. GRAND and Bellevue Aves E 125xN 100, Oakland. All work for three-story and basement frame apartments and tile garage.
Owner—W. L. Harbach, 432 Bellevue Ave., Oakland.
Architect—Louis M. Upton, 454 Montgomery St., San Francisco.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., San Francisco.
Filed Sept. 22, '23. Dated Sept. 20, '23.
Roof rafters on.....$7000
Brown coated 7000
Completed and accepted..... 9229
Usual 35 days..... 7744
TOTAL COST, $30,973
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

DWELLING
(4388) 1774 ROSE, Berkeley. 1-story 4-room dwelling.
Owner—Wm. Ashland, 1992 Francisco Berkeley.
Architect—None.
Contractor—H. C. Kidder, 1923 Francisco, Berkeley. $3200

ALTERATIONS
(4389) 2014 CHANNING, Berkeley. Alterations.
Owner—Mrs. W. Daniells, 2018 Channing, Berkeley.
Architect—None.
Contractor — George F. Rose, 1920B Grant St., Berkeley. $4500

DWELLING
(4390) 524 SAN FERNANDO, Berkeley 1-story 6-room dwelling.
Owner—O. F. Lyon, 1945 Grant St., Richmond.
Architect—None. $5000

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

FIRE REPAIRS
(4391) 1704 WALNUT, Berkeley. Fire repairs.
Owner—L. A. Harris, premises.
Architect—None. $1000

RESHINGLE
(4392) 2630 RIDGE ROAD, Berkeley. Reshingle.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—None.
Contractor—Asbestos Roofing Co., 421 19th St., Oakland. $1181

REPAIRS
(4393) 2436 LE CONTE AVE., Berkeley. Repairs.
Owner—Theta Chi Fraternity, prem.
Architect—None.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $1500

DWELLING
(4394) 847 ARLINGTON, Berkeley. 1-story 7-room dwelling.
Owner—Mabel M. Bramlage 1705 Buena Ave., Berkeley.
Architect—W. A. Doctor.
Contractor—E. D. Bramlage 1705 Buena Ave., Berkeley. $8985

DWELLING
(4395) E ONE HUNDRED SECOND Ave 310 S Sunnyside Ave., Oakland. 1-story 4-room dwelling.
Owner—M. Seaman.
Architect—None.
Contractor—E. J. McCord, San Leandro. $2800

DWELLING
(4396) N McKINLEY AVE. 75 E Montclair, Oakland. 2-story 8-room dwlg
Owner—Mary G. & Kathryn Burke, 669 25th St., Oakland.
Architect—None.
Contractor—Thos. Furlong, 557 El Dorado Ove., Oakland. $8500

STORES
(4397) S FOOTHILL BLVD. 100 E Fairfax, Oakland. 1-story stores.
Owner—Miss G. McInnes, San Francisco.
Architect—None.
Contractor — McWethy & Greenleaf, 2910 Telegraph Ave., Oakland. $5000

WAREHOUSE
(4398) NW COR. TWENTY-SECOND Ave. and Livingston Sts., Oakland. 1-story brick warehouse.
Owner — Calif. Wire Cloth Co., 1007 22nd Ave., Oakland.
Architect—None.
Contractor—MacDonald & Kahn, Tapscot Bldg., Oakland. $35,000

DWELLING
(4399) 1133 LAKESHORE AVE., Oakland. 1-story 6-room dwelling.
Owner—Victor Guyot, 3535 Meadow St. Oakland.
Architect—None. $5000

DWELLING
(4400) S WELLINGTON 120 E Park Blvd., Oakland. 1-story 6-room dwelling.
Owner—J. H. Nelson, 1338 High St., Alameda.
Architect—None. $4000

DWELLING
(4401) E FIFTY-FOURTH OPP E-10th St., Oakland. 1-story 6-room dwelling.
Owner — Jos. Thuman, 954 54th Ave., Oakland.
Architect—None. $3000

DWELLING
(4402) 4207 E-SIXTEENTH ST., Oakland. 1-story 5-room dwelling.
Owner—H. D. Esden, 4216 E-16th St., Oakland.
Architect—None.
Contractor—C. H. Graham, 1607 High St., Oakland. $3000

DWELLING
(4403) N LERIDA 150 W Walla Vista, Oakland. 2-story 7-room dwelling.
Owner—M. B. Rogers, 612 Grand Ave., Oakland.
Architect—None.
Contractor—A. Hendrickson, 6458 Raymond, Oakland. $7000

DWELLING
(4404) SW COR. PORTER & VIOLA Oakland. 1-story 5-room dwelling.
Owner—Jas. B. Grubb, 6011 Hobart St., Oakland.
Architect—None. $3000

DWELLING
(4405) 9855 BURR ST., Oakland. 1-sto. 1-room dwelling.
Owner—C. A. Birch, 300 13th St., Oakland.
Architect—None. $2000

DWELLING & STORE
(4406) N SIXTY-THIRD ST. 400 W California, Oakland. 1-story 3-room dwelling and store.
Owner—J. R. Ahart, 993 61st St., Oakland.
Architect—None. $2800

DWELLING
(4407) WARDLEY AVE. 175 N E-38th St., Oakland. 1-story 4-room dwlg.
Owner—George Hogist, 3525 Ardley Av. Oakland.
Architect—None.
Contractor — Waldman & James, 817 53rd St., Oakland. $4000

DWELLING
(4408) W HAVENSCOURT BLVD. 400 S Arthur St., Oakland. 1-story 5-room dwelling.
Owner — W. J. Whiteman, 2216 Buena Vista Ave. Alameda.
Architect—None. $4000

DWELLING
(4409) N E-SIXTEENTH ST. 70 E 13th Ave. Oakland. 1-story 5-room dwlg
Owner—N. Curte, 1616 13th Ave., Oakland.
Architect—None. $3000

DWELLING
(4410) S WALLA VISTA 400 E Lakeshore Ave., Oakland. 1-story 6-room dwelling.
Owner—A. C. Graham, 1502 Jackson St., Oakland.
Architect—None. $4600

FACTORY
(4411) 880 SIXTIETH ST., Oakland. 1-story factory.
Owner—Pac. Enameling & Mfg. Co., premises.
Architect—None. $9000

APARTMENTS
(4412) N FORTY-FIRST ST. 140 & 178 E Telegraph, Oakland. 2 2-story 12 room apartments.
Owner—C. J. Baley, 41st St., Oakland.
Architect—None.
Contractor—J. W. Swift, 6073 Claremont Ave., Oakland. $11000 ea

DWELLING Cost, —
(4413) OAKLAND. 2-story 11-room dwelling.
Owner — Frank and Madalene Girola, 449 44th St., Oakland.
Architect—None.
Contractor—A. Cederborg, 1445 Excelsior Blvd., Oakland.
Filed Sept. 2, 1923. Dated Sept. 15, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $13,965
Bond, Sureties, Forfeit, none; Limit 100 days; Plans and specifications filed.

DWELLING
(4414) CORNER GRAND & HOLLEY Sts., Piedmont. All work for 1-story 6-room dwelling.
Owner—Henry & Helena S. Falk ,1958 San Pablo Ave., Piedmont.
Architect—None.
Contractor—S. Rodgers, 2326 Telegraph Ave., Oakland.
Filed Sept. 24, 1923. Dated Sept. 20, 1923
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $6000
Bond, $6000; Sureties, Continental Casualty Co.; Forfeit, $2.50 day; Limit, 100 days after Sept. 26; Plans and specifications filed.

FLATS
(4415) NO. 2107-09-11-13 HEARST AV Berkeley. Two-story 16-room flats.
Owner—Chas Dull.
Architect—None.
Contractor—J. E. Bigelow, 2234 Atherton St., Berkeley. $12,000

DWELLING
(4416) NO. 2833 BENVENUE, Berkeley. One-story 6-room dwelling.
Owner—Mrs. Foster.
Architect—None.
Contractor—J. H. Wolbold, 2115 Center St., Beerkeley. $6500

DWELLING
(4417) NO. 2301 RUSSELL ST., Berkeley. Two-story 8-room dwlg.
Owner—P. F. Caya.
Architect—None.
Contractor—A. Potter, 4025 Agua Vista Ave., Berkeley. $5000

DWELLING
(4418) NO. 1319 McGEE ST., Berkeley One-story 5-room dwelling.
Owner—Fox Bros., 1814 Hearst Ave., Berkeley.
Architect—None. $2700

DWELLING
(4419) NO. 2333 VALLEY ST., Berkeley. One-story 5-room dwlg.
Owner—Felix Ahlquist, 2419 9th St., Berkeley.
Architect—None. $2500

REPAIRS
(4420) NO. 1401 HAWTHORNE ST., Berkeley. Fire repairs.
Owner—L. W. Bjorge, Premises.
Architect—None.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $2500

DWELLINGS
(4421) E MAXWELL 42-82 N Trask St. Oakland. 2 1-story 5-room dwlgs.
Owner—Flagg & Turner.
Architect—None. $4000 each

DWELLINGS
(4422) 2700 2706 2712 MADELINE ST. Oakland. 3 1-story 4-room dwlgs.
Owner—P. A. Dolan, E 14th and 22nd Ave., Oakland.
Architect—None. $3000 ea

DWELLINGS
(4423) 3818 3824 RHODA AVE., Oakland. 2 1-story 5-room dwellings.
Owner—P. A. Dolan, E-14th St. and 22nd Ave., Oakland.
Architect—None. $3000 each

DWELLING
(4424) N HILTON ST., 200 W 57th Ave., Oakland. 1-story 5-room dwlg
Owner—Mrs. F. C. Young, 57th Ave. & Hilton St., Oakland.
Architect—None.
Contractor—H. F. Allen, 1615 33rd Ave., Oakland. $2800

DWELLING
(4425) E SIXTY-SECOND AVE. 143 N Teirs, Oakland. 1-story 5-room dwelling.
Owner—C. N. Olson, 1218 62nd Ave., Oakland.
Architect—None. $3000

ALT & REPAIRS
(4426) 531 THIRTEENTH ST., Oakland. Alterations and repairs.
Owner—Gilchrist Furniture Co., prem.
Architect—None. $4000

DWELLING
(4427) W NINETY-SEVENTH AVE. 150 S A St., Oakland. 1-story 4-room dwelling.
Owner—J. C. Bettencourt, 1312 96th Ave., Oakland.
Architect—None. $2000

ADDITION
(4428) 547 FIFTY-SIXTH ST., Oakland. Addition.
Owner—W. L. Wilson, premises.
Architect—None.
Contractor—Johnson E. Ulin, 2342 E-20th St., Oakland. $1800

DWELLING
(4429) E SIXTY-SECOND AVE. 120 N Fortune Way, Oakland. 1-story 6-room dwelling.
Owner—Ernest Sauer.
Architect—None.
Contractor—Oakley & Kolmodin, 1911 65th Ave., Oakland. $4764

DWELLING
(4430) SE COR. NINETY-FIFTH AVE and A St., Oakland. 1-story 6-room 2-family dwelling.
Owner—J. C. Bettencourt, 1312 96th Ave., Oakland.
Architect—None. $4500

DWELLINGS
(4431) 2012 2018 SIXTEENTH AVE., Oakland. 2 1-story 5-room dwlgs.
Owner—F. A. Andrews, 4923 Telegraph Ave., Oakland.
Architect—None. $3000 ea.

ADDITION
(4432) 5319 BROADWAY TERRACE, Oakland. Addition.
Owner—E. A. Rex, premises.
Architect—None. $1200

DWELLING
(4433) E MT BLVD., Oakland. 1-story 4-room dwelling.
Owner—J. B. Smith, R.F.D. Box 1700, Oakland.
Architect—None. $2000

DWELLING
(4434) 3121 COURTLAND AVE., Oakland. 1-story 5-room dwelling.
Owner—J. G. Keegan, 3129 Courtland Ave., Oakland.
Architect—None. $2250

DWELLING
(4435) 1317 E-THIRTY-SIXTH ST., Oakland. 1-story 5-room dwelling.
Owner—E. G. Glantz, 4611 Virginia St., Oakland.
Architect—None. $3500

DWELLING
(4436) N LOCKWOOD ST. 210 E 73rd Ave., Oakland. 1-story 5-room dwlg
Owner — Albert Roth, 7325 Lockwood St., Oakland.
Architect—None.
Contractor—V. Winther, 2150 48th Ave., Oakland. $2650

DWELLING
(4437) NE COR. TRESTLE GLEN & Sunnyhills Rd., Oakland. 1½-story 8-room dwelling.
Owner—A. Alexander, 922 Washington St., Oakland.
Architect—None.
Contractor—1387 E-32nd St., Oakland. $10,000

ALTER & ADDITION
(4438) 1520 FIRST AVE., Oakland. Alteration and additions.
Owner—Mrs. Clara A. Myers, 318 Lester Ave., Oakland.
Architect—None.
Contractor—F. R. Brayton, 1030 Warfield Ave., Oakland. $10,211

DWELLING
(4439) W PTN LOT 25 BLOCK P Amended Map Moss Tract, Oakland All work for 1-story 4-room dwlg.
Owner—Zeno Gwerder, 606 High St., Oakland.
Architect—None.
Contractor—Jos. Flittner 1700 35th Ave Oakland.
Filed Sept. 25, 1923. Dated Sept. 25, 1923
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $2500
Bond, Sureties, none; Forfeit, $5; Limit 75 days; Plans and specifications filed.

FRATERNITY HOUSE
(4440) LE CONTE & RIDGE ROAD, Berkeley. All work for 2-story fraternity house.
Owner—The Alpha Delta Phi Building Co., 2401 Channing Berkeley.
Architect—Stafford L. Jory, 1st Natl. Bank Bldg., S. F.
Contractor—John Bartlett, 351 12th St., Oakland.
Filed Sept. 25, 1923. Dated Sept. 20, 1923
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $44,460
Bond, $22,230; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, Jan. 19, 1924; Plans and specifications filed.

PHYSICIANS OFFICE BLDG.
(4441) SW COR. TELEGRAPH AVE. and Channing Way, S 55 W 115 Berkeley. All work for 5-story and basement class C Physicians office building.
Owner—The Lurie Co., 318 Montgomery St., San Francisco.
Architect — O'Brien Bros., Inc., 318 Montgomery St., San Francisco.
Contractor—Bay Const. Co., Bacon Bldg Oakland.
Filed Sept. 25, 1923. Dated Sept. 21, 1923
Walls & piers in place and basement and foundation ..... $ 6,250
Steel 50% set 11,000
Brick to 3rd floor level..... 23,250
Plumbing roughed 20,250
Brown coated 20,250
Completed and accepted 20,250
Usual 35 days 33,750
TOTAL COST, $135,000
Bond, $67,500; Sureties, Continental Casualty Co.; Forfeit, none; Limit, 200 days; Plans and Specifications filed.

ELLING
2) REAR 40 LOT 6 BLK 10 MAP
4 Ave Heights, Oakland. 1-story
dwelling.
er—Herbert D. Wise, Bank of Italy
Bldg., Oakland.
itect—None.
ractor—H. L. Houck, 4609 Dolores,
Oakland.
l Sept. 25, 1923. Dated Sept. 20, 1923
ame up .....¼
own coated .....¼
mpleted and accepted .....¼
ual 35 days .....¼
TOTAL COST, $4000
, $2000; Sureties, U. S. Fidelity
aranty Co.; Forfeit, $1 day; Lim-
) days from Sept. 1; Plans and
fications filed.

LLING
) 1162 WALNUT ST., Berkeley.
-story 6-room dwelling.
r—Chris B. Fox, 1363 Berkeley
Way, Berkeley.
tect—None.
actor — Fox Bros., 567 Kenmore
ve., Oakland. $4000

LLING
) 919 COLUSA, Berkeley. 1-story
room dwelling.
r—J. G. Murdock, 929 Encinada
ve., Berkeley.
tect—None.
actor—Anderson & Anderson, 916
armel Ave., Berkeley. $3850

TION
1723 TACOMA, Berkeley. Addi-
on.
—May C. Long, premises.
ect—None.
ctor—H. H. Gastman 1263 Euclid
ve., Berkeley. $1000

E BLDG
2050-52-54 UNIVERSITY AVE.,
rkeley. 6-story 60-room class B
fice building.
—Fred C. & Lillie L. Koerber &
enry C. Bichoff.
ect—None.
ctor—Berkeley Building Co., So-
no & Colusa, Berkeley. $100,000

IRS
1620 SPRUCE ST., Berkeley.
pairs.
—Arthur Morgan, premises.
ect—None.
ctor—Roy O. Long Co. 2114 Shat-
k Ave., Berkeley. $1500

LING
1370 FRANCISCO, Berkeley. 1-
ry 4-room dwelling.
—Robert Nylander, 1342 8th St.,
rkeley.
ct—None.
ctor—Carl Ericsson, 1319 Addi-
n St., Berkeley. $3200

S
1744-46-48 SHATTUCK, Berke-
y. 1-story class C stores.
—D. Jackson.
ct—None.
tor — Ed Larmer, 90 Fairview
e., Berkeley. $7450

LING
1417 HEARST AVE., Berkeley.
ory 5-room dwelling.
—D. Bochion, 1610 Tyler, Berke-
y.
ct—None. $3000

LING
2624-A CHANNING WAY, Ber-
ley. 1½-story 4-room dwelling.
—M. E. Hizar.
ct—None. $1500

LING
2609 LINCOLN, Alameda. 1-sto.
om dwelling.
—W. E. Willis, 1131 Adeline St.,
land.
ct—None. $3500

LING
NW COR. HIGH ST. & MADI-
Alameda. 1-story 5-room dwlg.
—H. O. Coffman.
t—None.
or—M. H. Fish, 1333 Fountain
Alameda. $3500

LING
2029 SAN JOSE, Alameda. 1-
y 5-room dwelling.
Loretta Kales, 2061 San Jose
, Alameda.

Architect—None.
Contractor—W. C. Kales, 2061 San Jose Ave., Alameda. $3500

DWELLING
(4455) E SIXTY-SIXTH AVE. 300 S Flora St., Oakland. 1-story 5-room dwelling.
Owner—Russell Parsons.
Architect—None.
Contractor—Jess J. Martin, 837 Athens Ave., Oakland. $3455

DWELLING
(4456) N HOPKINS ST. 225 E Laurel Ave., Oakland. 1-story 5-room dwlg
Owner—R. Nott.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $2950

DWELLING
(4457) E EIGHTY-SECOND AVE. 50 N Birch St., Oakland. 1-story 4-room dwelling.
Owner—Zeno Giverder.
Architect—None.
Contractor—Jos. Flittner 1700 35th Ave Oakland. $2700

DWELLING
(4458) N FORTY-SIXTH ST. 175 E Market St., Oakland. 1-story 5-room dwelling.
Owner—E. Borello, 312 49th St., Oakland.
Architect—None.
Contractor—P. Garello, 870 47th St., Oakland. $3900

DWELLING
(4459) 1435 SEVENTY-SECOND AVE. Oakland. 1-story 5-room dwelling.
Owner—Wm. M. Warford.
Architect—None.
Contractor—A. E. Orton, 2558 Seminary ave., Oakland. $3000

DWELLING
(4460) 629 SIXTY-SIXTH ST., Oakland. 1-story 6-room dwelling.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $5000

DWELLING
(4461) S E-SIXTEENTH ST., 100 E 12th Ave., Oakland. 1-story 6-room dwelling.
Owner—Joaquine Silva, 1239 16th St., Oakland.
Architect—None. $4300

DWELLING
(4462) SE COR. BROOKDALE AND Francis St., Oakland. 2-story 5-rm. dwelling.
Owner—G. L. Sloan, 4505 Brookdale Ave., Oakland.
Architect—None.
Contractor—V C Villadsen 1440 Brookdale, Oakland. $4000

DWELLINGS
(4463) S MARION AVE. 152 187 W 38th Ave., Oakland. 2 1-story 4-rm. dwellings.
Owner—C. S. Booth, 375 Euclid Ave., Oakland.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland Ave., Oakland. $2000 ea

ADDITION
(4464) NW COR. THIRTEENTH AND Clay Sts., Oakland. 3-story brick addition.
Owner—Chas. J. Heeseman.

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Architect—Henry H. Meyers, Kohl Bldg San Francisco.
Contractor—E. L. Leiter & Son, 3601 West St., Oakland. $75,000

FLATS
(4465) N FORTIETH ST. 100 E Market St., Oakland. 2-story 12-room flats.
Owner—J. A. Banks.
Architect—None.
Contractor — Cal. Builders Co., 1534 Franklin St., Oakland. $9250

DWELLING
(4466) 1112 EL CENTRO, Oakland. 1-story 5-room dwelling.
Owner—Cora E. Mounts, 3435 Fruitvale Ave., Oakland.
Architect—None.
Contractor—C. W. Reed, 2534 Pleasant St., Oakland. $4000

DWELLING
(4467) N SUTTER ST. 63 93 W Octavia St., Oakland. 2 1-story 4-rm dwlgs.
Owner—American Const. Co., 1422 14th Ave., Oakland.
Architect—None. $3000 ea

DWELLING
(4468) SE COR. WALNUT & JONES, Oakland. 1-story 3-room dwelling.
Owner—O. H. Seley.
Architect—None.
Contractor — — Cal Builders Co., 1534 Franklin St., Oakland. $1000

DWELLING
(4469) 1172 FIFTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2000

DWELLING
(4470) 4007 SUTTER ST., Oakland. 1-story 4-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2000

DWELLING
(4471) E ONE HUNDRED SIXTH AV. 103 S Royal Ann, Oakland. 1-story 5-room dwelling.
Owner—N. Thorne, 9996 E-14th St., Oakland.
Architect—None. $4000

DWELLING
(4472) S EL CAMILE AVE. 183 E Kingsland, Oakland. 1-story 4-room dwelling.
Owner—Maude L. Andersen, 131 Capeton Ave., Oakland.
Architect—None.
Contractor—Red I Made Bldg Co., 2960 E-14th St., Oakland. $2500

APARTMENTS
(4473) E RACINE ST 50 S Alcatraz Avenue;
SE RACINE ST. & Alcatraz Ave. 2 2-story 16-room apartment bldgs. and garages.
Owner—Nellie C. Biltz.
Architect—None.
Contractor — Cal. Builders Co., 1534 Franklin St., Oakland. $14,500 ea

EMBANKMENT FOR RES.
(4474) NILES CANYON, about 1 mile E of town of Niles.
Owner—Spring Valley Water Co.
Architect—None
Contractor—C. A. C. Allan & R. A. Bruce, (C. A. Bruce & Sons).
Filed Sept. 26, 1923. Dated Sept 13, 1923
TOTAL COST, 6c per sq. yd for stripping soil; 85c per cubic yd. for excavation & rolled & filled; 70c per cubic yd. for all excavated material wasted. Bond, $7000; Sureties, J. R. Cruikshank & J. H. Arendt; Forfeit, none; Limit, 100 days; Plans and Specifications filed.

WAREHOUSE
(4475) NE COR. TWENTY-SECOND & Adeline Sts. N 250 E 127 S 36-6 E 127 S 213-6 W 254. Sheet metal for 3-story warehouse.
Owner—John Breuner Co., 281 Geary St., S. F.
Architect—None.
Contractor—Thos. A. & John C. Guilfoy (Guilfoy Cornice Works), 209 8th Street.
Filed Sept. 25, 1923. Dated Sept. 18, 1923
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $2157
Bond, $1079; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, Oct. 31; Plans and specifications filed.

CREAMERY BLDG.
(4476) NW FIFTH AVE & SW E-11th St. SW 200 NW 145 NE 60 NW 125 NE 140 SE 290, Oakland. All work for creamery building.
Owner—Mutual Creamery Co., 3724 E-11th St., Oakland.
Architect—A. W. Smith, American Bk. Bldg., Oakland.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.
Filed Sept. 26, 1923. Dated Sept. 21, 1923
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $34,000
Bond, Sureties, Forfeit, none; Limit 100 days; Plans and specifications, none.

APARTMENTS
(4477) E LAKESHORE AVE 190 S 1st Ave, being Lot 40 Revised Map Property of Alameda County Land Co., Oakland. All work for 3-story 24-room apartments and 3 garages.
Owner—Mrs. Cora J. Schimmel 388 12th St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Sept. 26, 1923. Dated Sept. 20, 1923
Roof on $6750
Int. plastered 6750
Completed and accepted 9500
Usual 35 days 4000
TOTAL COST, $27,000
Bond, Sureties, Forfeit, none; Limit, 75 days after mud sills laid; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Sept. 20, 1923—NO.341 FORTY-FIRST St., Oakland. T F Watson to whom it may concern.....Sept. 19, 1923
Sept. 20, 1923—LOT 18 and W 12½ Lot 17 Blk "H" Ivywood, Oakland. Ieslie W Seiverson to whom it may concern.....Sept. 1, 1923
Sept. 20, 1923—LOT 11 and Pin Lot 12 Blk 9 Map 4th Ave Heights, Oakland. John Iverson to Peter Ness.....Sept. 17, 1923
Sept. 20, 1923—LOT 17 BLK 10 Map Northbrae, Berkeley. Millie E Roberts to whom it may concern.—
Sept. 20, 1923—LOT 18 BLK "C" Map Kenwood Park, Oakland. F J Leonardo to whom it may concern .....Sept. 20, 1923
Sept. 21, 1923—NO. 1300 SIXTY-first Ave., Oakland. Mrs Nero to A E Orton.....Sept. 21, 1923
Sept. 21, 1923—NE LOCKWOOD 110 SE 73rd Ave SE 40x100, Oakland. Victor Winther to whom it may concern.....Sept. 21, 1923
Sept. 21, 1923—S E-ELEVENTH 112 E 4th Ave E 100xS 100, Oakland. Mutual Creamery Co to John M Bartlett.....Sept. 20, 1923
Sept. 21, 1923—W SHATTUCK AVE from Carlton St. to Parker St., Berkeley. John W Havens to Janson Iron Works.....Sept. 21, '23
Sept. 21, 1923—E MADISON 467.31 N 14th St. N 19.89xE 140, Oakland. Flora B Cannon to F A Muller... .....Sept. 19, 1923
Sept. 22, 1923—MELROSE STATION, Oakland. Southern Pacific Co to Hutchinson Co.....Sept. 17, 1923
Sept. 22, 1923—LOT 3 BLK 13, Map East Lawn Tract, Oakland. B Brown to J W Merritt. Sept 10, 1923
Sept. 22, 1923—NO. 4626 BENEVIDES Oakland. Frank and Grace H Ellison to R Norlin.....Sept. 14, 1923
Sept. 22, 1923—E 50 LOTS 15, 16, 17 and 18 Blk 166, Kellersbergers Map City of Oakland. Geo W Leisz and Fred Phillips to W K Owen & Co.....Sept. 14, 1923
Sept. 22, 1923—PTN LOTS 12, 13 & 14 Blk 9, Map Northbrae, Berkeley. Roy O Long to whom it may concern.....Sept. 21, 1923
Sept. 22, 1923—PTN LOTS 13 AND 14 Blk 9 Map Northbrae, Berkeley. Roy O Long to whom it may concern.....Sept. 21, 1923
Sept. 22, 1923—PTN LOTS 11, 12 and 13 Blk 9 Map Northbrae, Berkeley. Roy O Long to whom it may concern.....Sept 21, 1923
Sept. 22, 1923—NO. 417 ATHOL AVE., Oakland. J L Gresham to G H Butzbach & Son.....Sept. 22, 1923
Sept. 22, 1923—PTN LOTS 10, 11 and 12, Map Northbrae, Berkeley. Roy O Long to whom it may concern .....Sept. 21, 1923
Sept. 24, 1923—TWENTY-NINTH Ave., Oakland. Southern Pacific Co to Hutchinson Co...Sept. 19, 1923
Sept. 24, 1923—PTN LOTS 1, 2 AND 3 Map Vernal Terrace, Piedmont. E Field to whom it may concern.. .....Sept. 20, 1923
Sept. 24, 1923—W SPAULDING AVE 205.16 N Dwight Way N 40xE 119.25, Berkeley. F Alzeroth to Charles Tamml.....Sept. 22, 1923
Sept. 24, 1923—LOTS 64 AND 65 BLK "L" Map Hemphill Tract, Oakland. William and Marie Cowan to John O Hunter.....Sept. 21, 1923
Sept. 24, 1923—E REGENT 200 N Derby N 50xE 159.48, Berkeley. P H Franks to whom it may concern .....Sept 20, 1923
Sept. 24, 1923—PTN LOTS 3 AND 4 Blk "M" Map East Piedmont Heights, Oakland. Charles E Bardwell Jr to whom it may concern.....Sept. 24, 1923
Sept. 25, 1923—PTN LOT 13 Map Sbdvn Ptn Piedmont Heights, Oakland Andrew and Alice Rankin to A J Yerrick.....Sept. 22, 1923
Sept. 25, 1923—LOT 22 and SE 15 Lot 23 Blk "I" Amended Map Regents Park, Berkeley. D Perrenot to whom it may concern..... .....Sept. 20, 1923
Sept. 25, 1923—LOT 1 BLK 4, Northlands Tract and Lots 20 and 21 Blk. 8, Jose Domingo Tract, Berkeley. Oscar H Klatt to Roy O Long Co.....Sept. 24, 1923
Sept. 25, 1923—NO. 2200 GRANT ST., Berkeley. Adeline E Brown to Alfred J Brown.....Sept. 21, 1923
Sept. 25, 1923—NW ADA ST. AND Broadway N 60xW 100, Oakland. Ida J Casselman to Adolph Morgensen.....Sept. 21, 1923
Sept. 24, 1923—PTN LOTS 15 AND 16 Blk "B" Gaskill Tract, Oakland Raymond Fountain to whom it may concern.....Sept. 24, 1923
Sept. 24 1923—SE MOUNTAIN AVE and Sharon Ave S 56.58 SE 6.22 fm pt beg SE 65 NE 150.53 NW 40 SW 150.50, Piedmont. R G and Florence B Brodrick to M E Hopper & Son.....Sept. 24, 1923
Sept. 24, 1923—SE MAPLE AVE & Hopkins, Oakland. S W McReynolds to A Anderson...Sept. 19, 1923
Sept. 26, 1923—WOOLSEY AND ADEline, Berkeley. S. P. Co to Hutchinson Co.....Sept. 12, 1923
Sept. 26, 1923—PTN LOTS 25 AND 26 Blk 8 Map 4th Ave. Heights, Oakland. H J Zweifel Jr to S G Johnson.....Sept. 26, 1923
Sept. 26, 1923—NO. 1438, WALNUT St., Alameda. J L and Mabel C Smith to A Bragg....Sept. 17, 1923
Sept. 26, 1923—LOT 21 BLK "B" Amended Map Lorin Heights Tract, Berkeley. Thermo-Crete Constr Corp to whom it may concern... .....Sept. 17, 1923
Sept. 26, 1923—LOT 19 BLK "B" Amended Map Lorin Heights Tct, Berkeley. Thermo-Crete Constr Corp to whom it may concern..... .....Sept. 17, 1923
Sept. 26, 1923—E BROADWAY 55 N 12th St. N 45xE 100, Oakland. The Oakland Bank to George B Hudson .....Sept. 24, 1923
Sept. 26, 1923—PTN LOT 5 BLK 28, Map Melrose Heights, Oakland. Owen Hand to Samuel McDowell .....Sept. 24, 1923
Sept. 26, 1923—872 BROCKHURST St., Oakland. Chas Rollar to Rollar & Stoner.....Sept. 25, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Sept. 20, 1923—LOT 11 BLK 19, Map Melrose Heights. Salvatore De Guarda vs Kate V and Fitzhugh S Rollins, John Doe Siwick and D H Goodrich $408.75
Sept. 20, 1923—PTN LOTS 13 AND 14, Allendale Park; Ptn Lot 17 & 18, Allendale Tract; Ptn Lot 16 Blk 6, Allendale Tract; Lot 19 and Ptn Lot 20, Allendale Tract, Okd. Nelson Lumber Co vs E C, C W, Ada Kramer & John Doe (Kramer Bros) $1150.09
Sept. 21, 1923—LOT 52 BLK 6 M Resbdvn Ptn North Cragmont, Be keley. G Asia, C Pregno, Basso (Commercial Cement Co) A D and Gladys L Whearty.... $
Sept. 21, 1923—LOT 52 BLK 6 R subdivision Ptn North Cragmo Berkeley. A. M. Sayers vs A D a Gladys L Whearty $3
Sept. 21, 1923—LOT 28 Map Centr Terrace Ext., Oakland. H Aro sen vs J W Merritt and C M Cor .....
Sept. 22, 1923—NE 26.94 LOT 32, Lots 33, 34 and 35 Blk "H" M Broadway Terrace, Oakland. W Ricard vs Oakland-San Francis Improvement Co, W A Knowles P C Downey.....$
Sept. 22, 1923—BOUNDED ON NE Piedmont Ave, SW by Broadw NW by Pptv Lyon Storage C Oakland. Harry M Adams vs R Rundee and May R Houston.$2
Sept. 24, 1923—NE BOND 150 Fairfax Ave., Oakland. Paci Lumber & Mill Co vs Kate V a S S Rollins, Ira Merrill, and W. Govan, Trustees and D H Goo rich $1
Sept. 24, 1923—SW WEST A Berkeley Way W 145 S 206.10 35 N 103.5 E 110 N to pt beg, Be keley. Tilden Lumber Co Browning Preserve Co., Berke Fruit Preserving Co, E K Ba win $4
Sept. 24, 1923—SE BERKELEY W and McGee Ave 30x100, Berkel Pacific Lumber Mills vs Anna a Peter E Henriksen .....$
Sept. 24, 1923—PTN LOTS 96, 97 98 Map Property Capital Hon stead Ass'n., Oakland, Sun Lumber Co vs Morton A Willia Ralph E Wastell and M F Coughlin $1
Sept 24, 1923—NW ARDLEY a Excelsior Aves, Oakland. Sun Lumber Co vs W A Walker and Johnson $7
Sept. 25, 1923—NO. 1438 EIGH first Ave., Oakland. Charles vs Ida F Hill.....$1
Sept. 25, 1923—E 20 LOT 18 and 16 Lot 17 Blk "C" Map No Oakland Homestead Ass'n., O M Stulsaft C ovs E Lindquist Dora Krokner .....$
Sept. 25, 1923—SE WILSON AVE NE Hopkins NE 41.20 NE 5 110.71 SW 25.81 NW 110, Oakla M Stulsaft Co vs E Lindquist H C Hazlund .....$
Sept. 26, 1923—LOT 29 BLK South Lakeshore Glen, Oakla Eureka Mill & Lumber Co vs Brady and Ernest Held.....
Sept 26, 1923—LOT 38 Map Santa Tract No. 6, Oakland. Ho Lumber & Mill Co vs C Ommu son and Bertha M Kite.....
Sept. 26, 1923—LOT 52 BLK 6, Resbdvn Ptn North Cragmont, B keley. W S Cooper vs A D keley. W S Cooper, $180; Ma Mfg Co, $23. 50 vs A D and Gla L Whearty and D Condon....

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Ar

Sept. 21, 1923—LOT 2 BLK "C" Lakeshore Hills, Oakland. Lan Bros Mfg Co to Jessie J and Welch and G L Rosebrook....
Sept. 21, 1923—LOT 9 BLK 9, Hollywood, San Leandro. San Andro Mill & Lumber Co Victor Davidow and R E Neik
Sept. 21, 1923—LOT 24 BLK 7 Hollywood, San Leandro. San andro Mill & Lumber Co to S Vi Davidow and R E Neikirk....
Sept. 21, 1923—LOT 42 BLK 3 Hollywood, San Leandro. San andro Mill & Lumber Co to S Vi Davidow and R E Neikirk...$
Sept. 21, 1923—LOT 23 BLK 7, Hollywood, San Leandro. San andro Mill & Lumber Co to S Vi Davidow and R E Neikirk....$
Sept. 24, 1923—S 25 LOT 14 and Lot 15 Blk 2, Map Spaulding Berkeley. Edward Bowman L and Clara Fesenden et al....
Sept. 25, 1923—N GLEN AVE 54 Spruce St., Berkeley. Hunter L ber Co to Richard Weber and son L Breton .....$

otice of Non-Responsibility

ALAMEDA COUNTY

21, 1923—LOTS 26 & 27 BLK 10 Key Route Heights, Oakland. meda Investment Co, as to improvements on property .....
21, 1923—LOT 13 BLK C MAP kland Highlands, Oakland. Alala Investment Co. as to improvements to property .....
21, 1923 — PTN LOT 51 MAP Route Acres, Oakland. Alala Investment Co. as to improvements to property .....
21, 1923—LOT 29 & SW 15 LOT Blk 18 Map Key Route Heights, kland. Alameda Investment Co. to improvements to property..
21, 1923—SE 17-6 LOT 22, ALL 23 Blk 13 Map Key Route Hts., kland. Alameda Investment Co. to improvements to property..
22, 1923—SE FOURTEENTH 91.98 N E-12th St. N 51.10 SW 54 SW 50 NW 93.98, Oakland. E Saake as to improvements on perty .....
24, 1923—LOT 17 BLK 10 Map eshore Oaks, Oakland. Lakere Highlands Co as to improvents on property.....

UILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

LLING
W OF RAILROAD SEC 30, 16-21, resno. All work for brick and ame dwelling.
—Henry W. Keller.
ect—Hunt & Burns.
actor—Squire Cooper.
Sept. 20, '23. Dated Aug. 8, '23.
is up ..... ¼
stered ..... ¼
shed ..... ¼
al 35 days..... ¼
TOTAL COST, $8100
$4050. Surteies, C. C. and L. S.
. Limit, 100 days. Forfeit, none. and specifications filed.

E BLDG.
14, 15 AND 16 BLK 68, Fresno. ructural steel for sign frame and dio towers for Class A office ilding.
—San Joaquin Light & Power mpany.
ect—F. R. Felchlin Co., Patter-n Bldg., Fresno.
ctor—Burnett Iron Works, Santa Reservation, Fresno.
Sept. 20, '23. Dated Sept. 4, '23.
work progresses..... 75%
1 35 days..... 25%
TOTAL COST, $4555
$2800. Surety, Massachusetts g & Insurance Co. Limit, 30 Forfeit, $25 per day. Plans and ations filed.

LING, $63,000; 1519 Poplar Ave.; ner, Coburn; contr, Shorb & ads, 627 McKinley, Fresno.
. $5000; 2421 Ventura Ave., Fres-owner, Edw. M. Gemaljian, 2403 ntura, Fresno; contractor, Carl Hoosepian, 640 L St., Fresno.
RY & WAREHOUSE, 1-story low tile and concrete, $40,000; 5 Butler Ave., Fresno; owner, ependent Paper Stock Cptn, 2035 ler St., Fresno; engineer Leland ener, Insurance Ex. Bldg., San ncisco; contractor, K. E. Parker Clunie Bldg. S. F.

OMPLETION NOTICES

FRESNO COUNTY

ed Accepted
, 1923—E 15 LOTS 13 AND 14 Fresno Heights No. 2, Fres-D Edgerly to whom it may rn.....Sept. 15, 1923
, 1923—LOTS 3, 4, 5 and 6 Blk s 5, 6, 9 and 10 Blk 3, Packract, Fresno. (4 buildings).
B Leas to whom it may con-.....Sept. 10, 1923
, 1923—LOTS 8 9 70 GRIFunflower Addition. Cain Lie-n B. to whom it may concern ..... Sept. 18, 1923

Sept. 20, 1923—LOT 8 BLK 37 ALTA Vista Trace, Nancy A. Kendall to whom it may concern...Sept. 13, 1923
Recorded Accepted
Sept. 21, 1923—LOT 7.. BLK 11, North Park Terrace, Fresno. Adda Collins to whom it may concern.. .....Sept. 20, 1923
Sept. 24, 1923—LOTS 3, 4, BLK 245 Fresno. John Brown to Geo. C. Boles, ...Sept. 22, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
Sept. 20, 1923—LOTS 6, 7, BLK 4 Torrance Terrace. Harris & Pendergrass vs C. S. Goodenough..$180
Sept. 20, 1923—LOTS 1, 2 BLK 4 Torrance Terrace. Harris & Pendergrass vs. C. S. Goodenough..$166
Sept. 21, 1923—LOT 10 NW ½ LOT 11 Blk 23, Fresno. J D Halstead Lumber Co vs Harvey Humphrey et ux and O F Campbell.....$728
Sept. 22, 1923—E. Y. FOLEY PACKing House Propery, Parlier. Progressive Painting Co vs E Y Foley et al.....$351
Sept. 22, 1923—E. Y. FOLEY PACKing House Ppty, Reedley. Progressive Painting Co vs E Y Foley et al $377

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

ALTERATIONS
BATES JOINT UNION HIGH SCHOOL District, Sacramento. Remodeling of steam heating plant and complete crude oil burning plant in school.
Owner—Bates Joint Union School Bd. of Courtland.
Architect—None.
Contractor—Hateley & Hateley, Mitau Bldg., Sacramento.
Filed Sept. 15, '23. Dated Aug. 22, '23.
TOTAL COST, $2417
Bond, limit, forfeit, none. Plans and specifications, none.

TWELFTH AND L STS., Sacramento. Refrigerating plant for class A hotel bldg.
Owner—Hotel Senator Corp.
Architect—MacDonald & Couchot, 234 Pine St., San Francisco.
Contractor—Cyclops Iron Works, 837 Folsom St., San Francisco.
Filed Sept 20, 1923. Dated Sept. 17, 1923
Payments not stated.
TOTAL COST $—
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

THREE ELECTRIC ELEVATORS ON Above.
Contractor—Otis Elevator Co., Beach & Stockton Sts., San Francisco.
Filed Sept. 20, 1923. Dated Sept. 17, 1923
Payments not stated.
TOTAL COST, $—
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

DWELLING, one-story 6-room, $3400; No. 1820 W St., Sacramento; owner, J. Feria, 2416 10th St., Sacramento; contractor, M. Furtado, 2423 18th St., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, two-story 8-room and garage, $7000; No. 2985 24th St., Sacramento; owner, Silva Bros., 1714 L St., Sacramento; contractor, M. Furtado, 2423 18th St., Sacramento.
DWELLING, 2-story 8-room and garage, $10,000; No. 1022 44th St., Sacramento; owner, Algae Clark Hanlon, 3940 I St., Sacramento; contractor, E. W. Book, 2912 G St., Sacramento.
DWELLING, 1-story 5-room and garage, $4000; No. 2540 5th Ave., Sacramento; owner, Thos. S. Watson, 2312 Q St., Sacramento; contractor, T. B. Hunt, 2926 S St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Sept. 17, 1923—LOT 33, Sunnyside. Louis Augustine to whom it may concern.....Sept. 12, 1923
Sept. 20, 1923—LOT 60 M & S HIGH School Tract Sacramento. C. W. Mier to whom it may concern.... .....Sept. 12, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Sept. 20, 1923—LOT 45 STUBER Knoll, Sacramento. Henry Sieferman vs. Alice C. & E. A. Trueblood $125

COMPLETION NOTICES

SAN JOAQUIN COUNTY.

Recorded Accepted
Sept. 18, 1923—LOT 11 BLK 12½. Survey "2999," Stockton. M J Drais to C F Anderson.....Sept. 18, 1923
Sept. 20, 1923—COR FREMONT AND Aurora Sts., Stockton. Fremont School (Interior work. Stockton Grammar School District to Carl. Hokholt, Sept. 15, 1923; Painting and sand blasting of exterior) D E Burgess.....August 31, 1923

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
LOT 7 BLK 7 BURLINGAME LAND CO. Burlingame. All work for stucco bungalow.
Owner—Allie Lantis.
Architect—None.
Contractor—Oscar Cavanaugh 256 State St., San Mateo.
Filed Sept. 13, 1923. Dated Sept. 11, 1923
Framed $1500
Plastered 1500
Completed and accepted 1500
Usual 35 days 1500
TOTAL COST, $6000
Bond, Sureties, Forfeit, Limit, Plans & specifications, none.

RESIDENCE
LOS 3 BLK 12 BLGME TERRACE, Burlingame. All work for 1-story residence.
Owner—Herman Rumpf, 712 Crossways Burlingame.
Architect—H. C. Baumann and Edward Jones, 251 Kearny St., S. F.
Contractor—Daly Bros. (John P. and Thomas E.)
Filed Sept. 18, 1923. Dated Sept. 13, 1923
Roofing $1050
TOTAL COST, $4200
Brought 1050
Completed and accepted..... 1050
Usual 35 days 1050
TOTAL COST, $4200
Bond, $[illegible].00; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, [illegible] working days; Plans and specifications filed.

RESIDENCE
PART [illegible] SAN MATEO PARK, San Mateo. All work for frame stucco residence and garage.
Owner—Edna and Grace Smith, San Mateo.
Architect—G. T. Williams.
Contractor—J. R. Smith, S. F.
Filed Sept. 18, 1923. Dated Sept. 13, 1923

Framed $2625
Plastered 2625
Completed and accepted 2625
Usual 35 days 2625
TOTAL COST, $10,500

Bond, Sureties, Forfeit, none; Limit, 90 days; plans and specifications filed.

RESIDENCE
LOTS 14 AND 15, Glazenwood, San Mateo. All work for two-story and basement residence and garage.
Owner—Abbie E. Wilkins, Hobart Bldg., San Francisco.
Architect—None.
Contractor—S. A. Born Bldg. Co., 660 Market St., San Francisco.
Filed Sept. 18, '23. Dated Sept. 14, '23.
Sheathed $4700
Brown coated 4700
Standing finish placed..... 4700
Completed 4700
Usual 35 days..... 6000
TOTAL COST, $24,800

Bond, none. Limit, 90 working days Forfeit, none. Plans and specifications filed.

RESIDENCE
N SANTA INEZ 70 FT. comm. 290 ft. W of State Highway, San Mateo. All work for residence and garage
Owner—Mrs. M. L. Perry, 81 Sanchez St., San Francisco.
Architect—J. K. Ballantine, 278 Post St., San Francisco.
Contractor—George H. Arthur, 409 Occidental St., San Mateo.
Filed Sept. 20, '23. Dated Sept. 17, '23.
Roof shingled $2873.50
Interior plastered 2873.50
Completed 2873.50
Usual 35 days..... 2873.50
TOTAL COST, $11,494.00

Bond, none. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

LOS LOMITAS SCHOOL SITE NEAR Menlo Park. Alteratiòn and addition to present school building.
Owner—Los Lomitas School Dist., Menlo Park.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—J. W. Lawson.
Filed Sept. 25, 1923. Dated Sept. 24, 1923
Up to time of completion not to exceed 50%
Usual 35 days 50%
TOTAL COST, $2800

Bond, Sureties, Forfeit, none; Limit, 36 working days; Plans and specifications filed.

PERMITS

BUNGALOW and garage, $5000; Lot 8 Blk 5 Howard Ave., Burlingame; owner, W. McCallum.
BUNGALOW and garage, $4000; Lot 14 Blk 9 Columbus Ave., Burlingame; owner, U. S. Simmonds.
BUNGALOW and garage, $3300; Lot 18 Blk 18 Easton 2 Highway, Burlingame; owner, T. V. Hardeman, 1120 Palm Drive,Bu rlingame.
BUNGALOW and garage, $4200; Lots 2 blk 12 Blgme Terrace Crossways Rd., Burlingame; owner, Herman Rumpp, 715 Crossways Rd., Burlingame.
BUNGALOW and garage, $8000; Lot 3 Blk 1 Sub 3 Pepper Ave., Burlingame; owner, G. W. Smith.
BLEACHERS, $5000; Burlingame High School Grounds, Burlingame; owner, Blgme. High School.
BUNGALOW and garage, $8100; Lot 6 Blk 8 Costrico Ave. Blgme Park 2, Burlingame; owner, C. F. Holzmuller; contractor, Thos. Guesso.
BUNGALOW and garage, $4850; Lot 28 Blk 47 Easton 4 Drake Ave., Burlingame; owner, Mrs. R. E. Christie; contractor, J. C. Dybual.
BUNGALOW and garage, $4000; Lot 6 Blk 15 Laguna Ave., Burlingame; owner, Charles G. Adams 110 Arundel Ave. Burlingame.
BUNGALOW and garage, $4000; Lot 19 Blk 3 Paloma Ave., Burlingame; owner, R. H. Rundel.
BUNGALOW and garage, $4000; Part Lots 15 & 16 Blk 4 Ralston Ave., Burlingame; owner, J. M. Vickerson, 908 Howard Ave., Burlingame.
ADDITIONS to, $1200; 1435 Paloma Ave Burlingame; owner, A. A. Wallus.
BUNGALOW and garage, $4000; Lot B Blk 8 Grange Rd., Burlingame; owner, R. W. Hurst, 1141 Palm Ave. Burlingame.
GARAGE, class C, $8000; Lot 6 Blk 14 San Mateo Dr, Burlingame; owner, T. Wike.
COTTAGE, $2500; Lot 12 Blk 4 Blgme. Grove Paloma Ave., Burlingame; owner, Lena L. Johnson.
DWELLING, $24,800; 10th and Palm Ave., San Mateo; owner, Mrs. Aay Wilkinson; contractor, S. A. Borne Bldg. Co., Glazenworth.
DWELLING and garage, $5000; San Mateo Drive, San Mateo; owner, W. F. Stromaeir, 355 Elm St., San Mateo; contractor, H. T. Holsher.
DWELLING and garage, $4000; South D St., San Mateo; owner, Elie Derrau, 211 No. D St., San Mateo.
DWELLING, $12,000; Elsorito Park, San Mateo; owner, Mr. Perry; contractor, George H. Arthur.
RESIDENCE and garage, $5000; San Mateo Drive, San Mateo; owner, W. L. Stromaler, 375 Elm St., San Mateo; contractor, H. T. Holsher.
DWELLING, stucco, $6000; Bariolhet Ave., San Mateo; owner, Grace Smith; contractor, J. R. Smith.
DWELLING, $9000; Palm Ave., San Mateo; owner, S. A. Borne Bldg. Co., Glazenwood; contractor, S. A .Borne Co., Glazenwood, San Mateo
MODEL HOME, $14,000; Crescent Ave., San Mateo; owner, Three Cities Chamber of Commerce; contractor, Mitchel and Jackson, 170 2nd Ave., San Mateo.
TEMPORARY PRAVALION $7500; Bay-Wood Ave., San Mateo; owner, Andrew Welch, Baywood, San Mateo.
DWELLING, $8000; Palm Ave., San Mateo; owner, Justin Fitzgerald, 154 15th Ave., San Mateo; contractor, Frank Fera.
DWELLING, $1500; Indian Ave. and E St., San Mateo; owner, Rose Fisk; contractor, Maier.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Sept. 17, 1923—LOTS 11 & 12 BLK 20 Easton No. 2, Burlingame. Jeanette M. Baradat to James Keegan.....Sept. 14, 1923
Sept. 18 ,1923—LOTS 42 & 43 BLK B E San Bruno. Anna R. Soly to whom it may concern....Sept. 8, 1923
Sept. 19, 1923—LOT 20 BLK 3, Burlingame Grove, Burlingame. Jeanne C Finnell to W C Finnell & Son.....Sept. 17, 1923
Sept. 19, 1923—LOT 10 BLK 7, Burlingame Park No. 2, Burlingame. R H Gatley to Geo D Huston.....Sept. 18, 1923
Sept. 20, 1923—LOT 10 BLK 7, Lomita Park. G H Bragg to G R McGhee.....Sept. 15, 1923
Sept. 21 1923—S. P. CO. YARDS BAY Shore, Southern Pacific Co. to J. T. Thorp & Son.....Sept. 8 1923
Sept. 21, 1923—LOT 6 BLK C PARAIso Park. Mark J. & Ing M. Laughlin to whom it may concern.....Sept. 15 1923
Sept. 21, 1923—LOT 4 BLK 1 MENLO Grove. George Aujus to whom it may concern .....Sept. 21, 1923
Sept. 21, 1923—PART LOT 2 BURlingame Heights, Burlingame. Albert Veyhle to whom it may concern .....Sept. 15, 1923
Sept. 22, 1923—LOT 5 BLK G EL Cerrito Park. Louis K. Smith to C. E. Fowler .....Sept. 11, 1923
Sept. 24, 1923—LOT 29 BLK 46 EASton No. 4, San Mateo. A. Chie Allen Ruth S. Allen to W. O. M. Colardes .....Sept. 15, 1923
Sept. 24, 1923—LOT 24 BLGME HTS Burlingame. Annie Atkins to T. J. Brockrick .....Sept. 19, 1923
Sept. 26, 1923—LOTS 5 TO 21 INCL. Blk 3-1-2-13 & 14 B 38-39-40 & Pt 41 & L 42 & 43 B 4 Diamond Tract Bay Shore. Isabelle S. Rounthwaite by M. G. Kindall agt. to California Builders Co. .....Sept. 25, 1923
Sept. 26, 1923—LOT 13 BLK 10 BURlinghome Tct, Burlingame. W. F. Francis Howell to L. H. Steornson .....Sept. 23, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Sept. 17, 1923—LOT 7 NE CORTEX Ave., Burlingame. Frederick Smith Furniture Co. vs. Alfred C. Dahl et al $40
Sept. 17, 1923—LOTS 11 & 12 BLK Easton No. 2 Burlingame. W Smith Co., Wm. & Reginald Smi R. S. Frunistonio, P. V. Maury Jeanette N. & Borallet & Jam Keegan $13
Sept. 19, 1923 — HILLSBOROUG Poett Road, Roe Hampton Rc and Roblar Ave., San Mateo. C Dufsee vs Henrietta Gassner..

RELEASE OF LIENS

SAN MATEO COUUTY

Recorded Am
Sept. 21, 1923—LOTS 11 & 12 BLK Easton No. 2 Burlingame. E. Jacobs to Jeannette M. Barad .....$
Sept. 24, 1923—LOT 5 BLK 21 O. Knoll Manor. The Greater C Lumber Co. et al to Clara B. Har ham & J. A. Buckley .....

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

DWELLING
E FOREST AVE 250 — Seneca Ave ing block 84, Palo Alto. All for dwelling.
Owner—Mr. and Mrs. A. F. She 137 Webster St., Palo Alto.
Architect—None.
Contractor—Wells P. Goodenough University Ave., Palo Alto.
Filed Sept. 19, '23. Dated Sept. 1
Frame up .....
Plastering ready for finishing
Completed .....
Usual 35 days.....
TOTAL COST.

Bond, none. Limit, 90 working after work is started. Forfeit, Specifications only filed.

ALTERATIONS
NO. 45, 47 and 49 POST ST., San All work for alterations an ditions to store building.
Owner—F. T. Snow, 53 S-First St Jose.
Architect—Herman Kraus, Ban San Jose Bldg., San Jose.
Contractor—Megna & Newell, 8 17th St., San Jose.
Filed Sept. 18, '23. Dated Sept. 1
As work progresses.....
Usual 35 days.....
TOTAL COST,

Bond, $3306. Surety, 90 working from Sept. 14, 1923. Forfeit, Plans and specifications filed.

BUNGALOW
LOT 14 BLK 32, Palo Alto. All for one-story single bungale
Owner—Charles F. Wright, 1037 St., Palo Alto.
Architect—None.
Contractor — Bruce Constructio Palo Alto.
Filed Sept. 18, '23. Dated Sept.
Foundation completed and flo joists in .....
Roof on .....
Plastering completed .....
Building completed .....
Usual 35 days.....
TOTAL COST.

Bond, none. Limit, 55 working from Sept. 17, 1923. Forfeit, Specifications only filed.

RESIDENCE
ON **RESIOVOR** ROAD, Los Gato work for two-story frame dence.
Owner—Z. A. Macbee, Los Gatos
Architect—Charles S. McKenzie, of Italy Bldg., San Jose.
Contractor—E. R. Leedy, Los Ga
Filed Sept. 6, '23. Dated Aug. 24
Frame up .....$
1st coat plaster inside.....
Completed .....
Usual 35 days.....
TOTAL COST, $11

Bond, $6000. Sureties, J. E. Cart E D. Minton. Limit, 90 workin from Sept. 6, 1923. Forfeit, none and specifications filed.

DWELLING
PTN LOT 4 BLK 90, University Park, Palo Alto. All work for one-story dwelling and garage.
Owner — Dr. Robert G. Reynolds, 133 University Ave., Palo Alto.
Architect—John K. Branner, 519 California St., San Francisco.
Contractor—The Minton Co., Mt. View.
Filed Sept. 12, '23. Dated Sept. 4, '23.
Rafters on and frame up.....$3291
Rough plaster ond roof water-tight 3291
Completed 3291
Usual 35 days..... 3291
TOTAL COST, $13,164
Bond, $6582. Sureties, Margerie Minton and W. D. Worrell. Limit, 100 working days from Sept. 12, 1923. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 22 Naglee Teerrace (Sixteenth St. nerr William St.), San Jose. All work for one-story stucco bungalow and garage.
Owner—Emily B. Azevedo, San Jose.
Architect—W. C. Berry, 151 Martin St., San Jose.
Contractor—G. M. Latta, 25 Rhodes Court, San Jose.
Filed Sept. 12, '23. Dated Sept. 8, '23.
Walls up and ready for roof.... ¼
Rough plaster on..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $15,783
Bond, $8000. Sureties, W. F. Serpa and James H. Pierce. Limit, 120 working days from Sept. 8, '23. Forfeit, none. plans and specifications filed.

DWELLING
LOT 9, NAGLEE PARK ADDITION, San Jose. All work for one-story dwelling.
Owner—Katherine and Mary G. Tormey, 589 S-15th St., San Jose.
Architect—Wolfe & Higgins, Auzerals Bldg., San Jose.
Contractor—Alfred Jones, San Jose.
Filed Sept. 4, '23. Dated Sept. 4, '23.
Frame completed $1587.50
1st coat plaster on inside and out 1587.50
Completed 1587.50
Usual 35 days..... 1587.50
TOTAL COST, $6350.00
Bond, $3175. Sureties, A. L. Hubbard and John Lindgren. Limit. 100 working days from Sept. 4, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
LOTS 12 AND 14 BLK 12, Seale Addition No. 2, Palo Alto. All work for two-story and basement dwelling and garage.
Owner—James G. Sharp, 1455 Webster St., Palo Alto.
Architect—John K. Branner, 251 Kearny St., San Francisco.
Contractor—The Minton Co., Mountain View, Calif.
Filed Sept. 6, '23. Dated Aug. 30, '23.
Frame up and rafters on.....$3748
Rough plastered and roof water-tight 3748
Completed 3748
Usual 35 days..... 3749
TOTAL COST, $14,994
Bond, $7497. Surety, The Aetna Casualty & Surety Co. Limit, 120 working days from Sept. 6, 1923. Forfeit, none. Plans and specifications filed.

APARTMENTS, ETC.
NE RACE ST. AND PARK AVE., San Jose. All work except interior framing and finishing or 2nd floor and the furnishing, cutting and drilling ready to be placed of all steel and iron work for two-story brick and frame store and apartment building.
Owner—A. Leutza, 8 Grand St., San Jose.
Architect—None.
Contractor—Jorgensen & Thomy, 651 Prevost St., San Jose.
Filed Sept. 18, '23. Dated Sept. 17, '23.
Brick walls one-story high and 2nd story floor joists in.....$1987
Ready for plastering..... 1987
Plastering completed 1987
Building completed 1987
Usual 35 days..... 2652
TOTAL COST, $10,600
Bond, $5300. Sureties, 100 working days from Sept. 17, 1923. Forfeit, none. Plans and specifications filed.

COTTAGE, four,-rooms, $3500; 12th St. near William, San Jose; owner, Harry Berry.
RESIDENCE, 7-room, $3975; Fifth St. near Margaret, San Jose; owner, R. B. Gray, 99 Grant St., San Jose.
COTTAGE, 6-room, $3500; S-Eighth St., San Jose; owner, A. Hintz.
RESIDENCE, 2-family, $4500; Tenth St. near Washington; owner, J. M. Gollnen.
COTTAGE, 4-room, $2875; Thirty-fourth and Santa Clara Sts., San Jose; owner, A. Burchard; architect, Kelsey & Jenkins.
COTTAGE, 5-room, $1500; Delmar St. opp. Colfax, San Jose; owner, A. Young.
EXTEND service station, $3300; Second and Virginia Sts., San Jose; owner, J. C. McNeil; contractor, California Service Station Co.
COTTAGE, 6-room, $6000; First St. nr Taylor, San Jose; owner, F. C. Nelson.
ALTERATIONS, $1000; No. 152 Locust St., San Jose; owner, A. E. Donovan.
TWO cottages, 5-room, $3750 each; Atlanta St. near Delmas, San Jose; owner, L. C. Rossi, 423 Atlanta St., San Jose.
COTTAGE, 4-room, $2000; Whitton & Twenty-fourth Sts., San Jose; Owner, E. V. Carlson.
ALTER front, $3000; Post St. near Lighston, San Jose; owner, Dr. F. T. Snow, 145 Spencer Ave., San Jose; architect, Herman Krause. Bird and Palm Sts., San Jose; contractor, Megna & Newell, 464 N-17th St., San Jose.
COTTAGE, 5-room, $4400; Eighth St. near Washington, San Jose; owner, J. A. Pavone, 386 N-5th St., San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, Vincent Maggio, 1230 Sherman St., San Jose.
COTTAGE, 6-room, $3995; Second and Locust Sts., San Jose; owner, S. Orlando; contractor, M. W. David.

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

Sept. 13, 1923—LOT 10 BLK 17, Lendrum Tract, San Jose. Payne Hardware Co vs B Scorsur....$59.38
Sept. 13, 1923—S 10 ACRES OF LOT 171 and N 2½ Acres Lot 172, San Martin Ranch Map No. 2. Payne Hardware Co vs Leopold & Myrtle Baron $12.01
Sept. 14, 1923—PTN LOT 10 BLK 1, S R 2 W Gilroy. Herbert P Atkinson vs Virginia R McAlpine..$133.70
Sept. 14, 1923—LOTS 2 AND 3 BLK 47, Mayfield. The Minton Co vs Mary Smith $586.91
Sept. 14, 1923—LOTS 11 AND 12 BLK 25, College Terrace. The Minton Co vs Anna Wright.....$258.81

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $2800; E Twenty-first St., bet. Macdonald and Bissell, Richmond; owner, J Tickel, 2117 Barrett St., Richmond.

PAINT PRESERVES STUCCO

Stucco should always be painted, whether it is applied on lath or masonry, according to a writer in the Washington State Architect. He says that in the best stucco work there are hair cracks through which moisture can find its way, and that the consequent freezing forces out the stucco. Sooner or later large cracks then appear. But two or three heavy coats of concrete paint applied after the stuccoing will fill up the minute cracks, prevent entrance of moisture, and improve the general appearance if color is added to the paint.

LUMBER OUTLOOK

Large lumber producers are trying to avoid spectacular jump in prices as a result of the disaster in Japan. Some price advance, however, is regarded as inevitable, and it is said that no matter what prices may be, a shortage of certain classes of building lumber cannot be avoided.

The Japanese earthquake shook down a great many American buildings. They were still on the architect's blue prints and the lumber for constructing them will not now be available. In Washington, D. C., where the lumber interests of the United States center, it is estimated that 3,750,000,000 board of feet of soft wood lumber may be rushed to Japan, largely to provide temporary shelter for the homeless missions.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

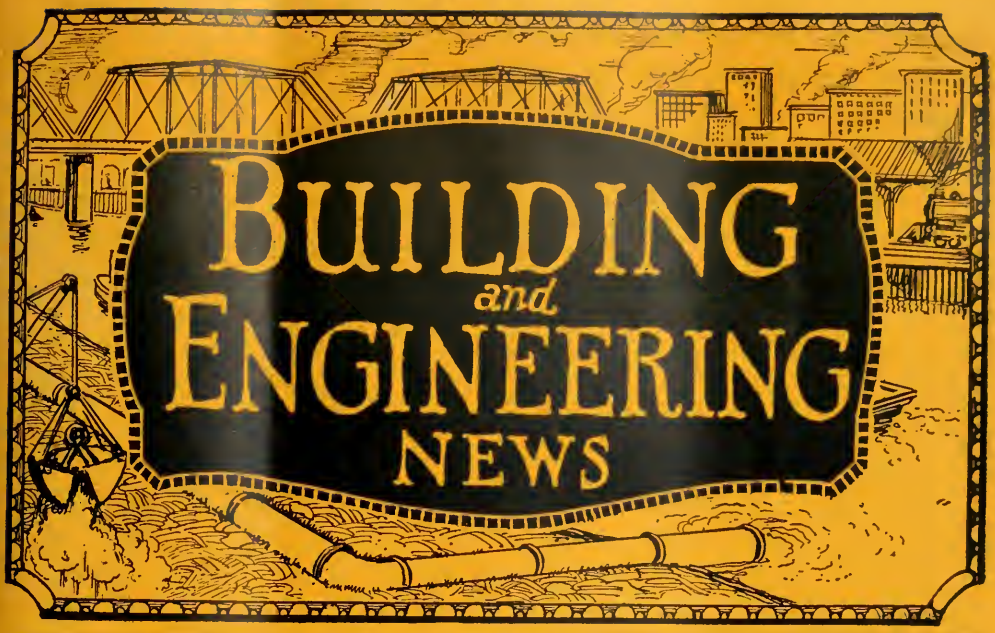
Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA



Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., OCTOBER 6, 1923

Published Every Saturday
Twenty-third Year No. 40

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

SAN FRANCISCO
PUBLIC LIBRARY

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

sued Every Saturday SAN FRANCISCO, CALIF., OCTOBER 6, 1923 Twenty-third Year No. 40

BUILDING and ENGINEERING NEWS

No. 818 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
. E. ODGERS, Advertising Manager

Devoted to the Engineering, Archi-ctural, Building and Industrial Ac-vities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

bscription terms payable in advance
S. and Possessions, per year..$5.00
nadian and Foreign, per year.. 6.00
ngle Copies 25c

Entered as second-class matter at
n Francisco Post Office under act of
ngress of March 3, 1879.

PREME COURT RULES AGAINST SACRAMENTO CONTRACTOR

The State Supreme Court has handed wn a decision holding that the State ighway Commission had no legal au-ority to use State highway construc-on funds, derived from bond issues, pay premiums on canceled contracts here work had been started. The de-sion was rendered in the case of the eorge Pollock Construction Company Sacramento, whose $3,000,000 con-act for the construction of the San neon highway in Monterey county as canceled by the State Highway ommission last spring. The commis-on had reached an agreement to pay e contractor $123,000 in settlement of is claim.

The decision, State Controller Ray L. lley says, affects six abrogated con-acts, aggregating approximately $5,-0,000. Interpreted, it means accord-g to Riley, that the State cannot use ighway bond money with which to ay premiums on canceled contracts here work has been started; that ederal highway funds also cannot be sed for the same purpose, and that the tate Highway Commission has no egal authority to cancel valid State ighway contracts.

INTENSIVE FORESTRY WILL ADD MILLIONS TO CALIFORNIA'S WEALTH

The practice of intensive forestry will increase the annual growth of sawtimber in California from its present low rate of 156 million board feet to 3,600 million board feet, according to experts of U. S. Forest Service. The present growth in the pine region of the State is estimated at 76 million feet per year, which can be raised to 2,700 million feet by the scientific management of the 16,800,000 acres of potential forest in this region. In the redwood belt, on the 400,000 acres of forest land, intensive forestry should produce 900 million board feet a year.

This stupendous increase, foresters say, shows the great need for an experiment station in California, where the methods which will result in this increased growth may be developed and worked out. Our agriculture was largely a hit or miss proposition until the agricultural experiment stations developed new methods of handling the land and new practices which greatly increased the production per acre. Forest experiment stations, it is asserted, will do the same thing for forestry, and the time to develop intensive methods is now while California still has many thousand acres of virgin forest in which, with proper methods of management, planting will not have to be done as in a great part of the forest regions of the East.

Crude forestry, or merely fire protection on our forest lands after cutting, will not produce the desired increase in growth, it is said. Under the crude methods of forestry now practiced in our California timber, we can get only about 120 million board feet of pine by 1950, and about 240 million feet of redwood, a total of 360 million feet. This is but one-tenth of the growth that is possible under the best forest management. With an average value of $30 a thousand fect for lumber, crude forestry would produce an annual growth wotth $10,800,000 or more than double what is being grown at the present time. Under intensive forestry such as would be worked out at a forest experiment station, the timber lands of the State should grown annually a produce worth $81,000,000 in the pine region, and at least $27,000,000 in the redwood region along the coast. With such wealth possible under intensive forestry, the small amount of money necessary to maintain a forest experiment station in California would be a most promising investment for the future prosperity of the State, say the Forester.

EXPERIMENTS UNDER WAY TO MAKE BETTER LIME

Experiments conducted at the Bureau of Standards have shown a way to improve the manufacture of hydrated lime so that the grade known as "finishing" hydrate is regularly produced instead of the grade known as "masons" hydrate which because of its lesser plasticity commands a lower price. These tests have shown that plasticity depends not alone upon the colloidal content of the hydrate, but upon the effect on this colloid of the manufacturing process. The colloid, like glue, must not be allowed to dry out during the manufacturing process, and it must also be prevented from flocculating itself when the mixing water is added preparatory to use.

It has been found that the drying out can be prevented by letting the freshly made hydrate cool in an atmosphere of steam, while flocculating can be prevented by adding small amounts of readily soluble calcium salt. A hydrator designed to apply these principles has just been completed for further experiment.

WATER POWER PRECEDURE IS SIMPLIFIED

At its meeting June 15, the Federal Power Commission approved the issuance of amended regulations relating to applications for preliminary permits and for licenses for water power developments. The purpose of the amendments is to correct in the regulations defects which have been brought to light. They are not a departure in principle, but are expected to result in the submission by applicant of more complete information, and it i believed that in the future le time will be required to act on applications.

At the same meeting an order was adopted authorizing the executive secretary, without formal action of the Commission in each case, to approve minor changes in maps, plans, and specifications of licensed projects and to approve or require such substantial alterations or additions to the project works as may be necessary to obtain substantial conformity with the approvde plans. A condensed classification of accounts, for use of licensees, such as industrial concerns, mining and lumber companies, etc., who do not furnish a public service, was also approved and the order promulgated.

CERTAIN-TEED CORPORATION DONATES ROOFING TO JAPAN

Thousands of square feet of roofing materials from stocks carried at Shanghai and Manila have been placed at the disposal of the Japanese government for reconstruction purposes by action of the directors of the Certain-teed Corporation. They believed that while the company is ready to extend financial aid, that roofing materials would be much more acceptable at this time. These instructions were cabled to the company's representative in Japan.

American type of reinforced steel buildings in Tokyo withstood the test of earthquake and fire exceedingly well, according to indirect information reaching the George A. Fuller Company, which concern built the famous Marunochi and Yusen buildings in Tokye. More than two hundred and ten thousand square feet of Certain-teed roofing were used in these two buildings, which are both reported standing and virtually unaffected. Certain-teed linoleum also covered the floors in the Yusen building.

One hundred and eighty-five miles of plaster was used in Oakland home building during the month of July, according to estimates compiled by Wm. F. Breuer, secretary-manager of the Master Plasterers' Association of Alameda County. Made into a carpet three feet in width, the plaster would stretch from Oakland to Fresno.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Lumber saw mills of Western Washington and Western Oregon, reporting to the West Coast Lumbermen's Association for the week ended September 29, received new orders amounting to 36 per cent above normal productive capacity, according to the report issued by the association recently. Production for the period stated was 24 per cent above normal capacity and new orders accepted were 12 per cent more than production. Forty-three per cent of all new orders accepted by these mills, covering 75 per cent of output in Western Washington and Western Oregon, was for future water delivery. In the first thirty-nine weeks of the year, these mills have manufactured 3,900,000,000 feet, board measure, lumber; new orders received total for that period 3,972,308,163 board measure feet. The Douglas Fir Exploitation and Export Company, the members of which dominate Coast manufacturing and exporting of fir lumber, have received advices that the Japanese government will buy 260,000,000 feet for the rebuilding of destroyed cities in Japan.

Effective October 1 the ruling of the California Railroad Commission will reduce prices charged by central steam plants approximately 15 per cent. The California Hotel Association commenced the demand for lower heating charges in September, 1922. In the decision handed down by the Railroad Commission the new rates are subject in increaase or decrease on the basis of 3 cents per thousand pounds for each 10-cent variation in the cost of fuel oil.

Offices of Glenn Allen, Stockton Architect, were completely destroyed by fire on September 17. New quarters have been opened in the Union Block, 41 South Sutter street, Stockton. Mr. Allen desires to receive a complete line of trade catalogues and samples of construction materials.

Richmond-San Francisco Transportation Company, capatilized at $1,000,000, has been incorporated for the purpose of operating ferries between Richmond and San Francisco. Directors are: Jos. J. Tynan, San Francisco; Arthur H. Draughon and O. G. Gordon of Richmond.

The City of Seattle will let contracts shortly for approximately $1,000,000 worth of paving. Three projects contemplated for early start are: Youngstown Place paving, $324,000, Avalon Way paving, $362,000; Columbit way, grading and paving, $364,000.

The owens Bottle-Machine Co. of New York, capitalized at $47,000,000 has filed articles of incorporation with the Secretary of State at Sacramento. The corporation will make its Pacific Coast headquarters in San Francisco.

The Pomona Tile Manufacturing Co., capitalized at $100,000, has been incorporated at Pomona. Directors are: Judson F. Clark, Pasadena; Paul C. Boving, G. A. Lathrop, E. D. Westrip and B. L. Cooper, all of Pamona.

Jas. E. Power, San Francisco post master, will recommend the construction of a new post office building in San Francisco to cost between $1,000,000 and $1,500,000.

Building materials and the necessities of life have been exempted from import duty until March 31, 1924, by virtue of an Imperial Ordinance promulgated in Japan according to advices received from the Consulate General of Japan, New York City, and forwarded to the Department of Commerce. Under the same Imperial Ordinance, the import duty on automobiles, other than motor trucks, but including automobile parts and motive machinery, has been reduced by one-half for the same period. Information concerning specific commodities affected by this decree will be furnished upon request by the Division of Foreign Tariff, Department of Commerce, Washington.

The city of Los Angeles has placed an order for 120,000 barrels of cement to be used in the construction of a new outfall sewer. The order was divided between the California-Portland, Riverside-Portland and Southwestern-Portland Cement Companies. G. W. McNear, representing a foreign cement concern, submitted a bid which was 17 cents a barrel lesa than the price asked by the three companies. However, he stated his company could not begin delivery for some time. The bid was then rejected.

All new buildings within the city limits of Oakland must have fire retardent roofs, the city council having passed on ordinance to this effect. The ordinance requires that roofs shall be constructed of such material as to resist the action of fire and to be impregnated with retardents so that they will not ignite from firebrands blown from burning buildings nearby. Wooden shingles do not come under the ban by the new ordinance, but if used, they must be treated to make them fireproof.

An emergency measure compelling owners of new homes to be erected in the burnt area of Berkeley to place fireproof roofs on the buildings, has been passed by the Berkeley city council Twenty-five applications to rebuild in the burnt district have already been filed with the city building inspector.

The replacement of temporary army hospitals by fireproof structures and the building of more planes for the air service, are among the most important needs of the United States, according to statements made by Brigadier-General Joseph E. Kuhn, who recently assumed temporary command at the Ninth Corps Area.

At a meeting at Chicago of manufacturers of oil burning equipment there was organized the American Association of Oil Burner Manufacturers Thirty-two firms in the oil burner field were represented at the meeting and participated in the organization.

Bids will be received by State Board of Harbor Commisaioners, Ferry Bldg., San Francisco, on October 25, to construct subway under Ferry Loop at foot of Market street. The project la estimated to cost $425,000.

John Lucke, road contractor of Stockton, Calif., was killed Sept. 27 in an automobile accident at Reno, Nev.

ALONG THE LINE

Ralph Beebee, harbor engineer fo the city of Oakland, has tendered hi resignation to the city council to be come chief engineer for the Berkeley Waterfront Company, a concern controlled by John H. Spring, which li starting to dredge for a line of piers along the south Berkeley bay shore Harry Hess, assistant harbor engineer has been appointed to take charge until a permanent man is selected fo the job.

M. M. O'Shaughnessy, city enginee of San Francisco, has been selected b the Santa Cruz city council to act a consulting engineer on the proposed municipal water project for whicl bonds of $400,000 were recently voted As consulting engineer Mr. O'Shaughnessy will receive a salary of $200 a month, the total amount to be paid no to to exceed $2,500.

Seth R. Brown of Los Angeles, fo two years president of the State Federation of Labor, has been re-elected to the post. Others elected were: R W. Robinson, vice president, distric No. 2; J. F. Cambino, district No. 5; F B Perry, district No. 6 and Elma F Smith, district No. 8

A consignment of 180,113 sacks o English cement was brought into Los Angeles harbor recently by the steamer Mongolian Prince for the Western Traffic Service, which has imported several cement cargoes from Sweden Belgium, Germany and England.

Southern California Gas Company o Los Angeles plans the construction o a 10,000,000 cubic feet capacity gas holder. Permission of the State Rail road Commission to issue bonds to finance construction is sought by the company.

Bids will be asked shortly by the City of Marysville to construct an incinerator costing between $12,000 and $15,000, according to J. O. Wanzer City Manager.

J. L. Caldwell of Colorado Springs was elected president of the International Association of Municipal Electricians at the annual convention held in Reading, Pa., Sept. 28.

Grant Smith, nationally known contractor of California and Washington, died suddenly in St. Paul Sept. 27, while on a business trip.

City of San Jose will hold bond election October 23 to vote $750,000 to finance construction of two junior high schools.

Alameda City Council has ordered estimates prepared for the construction of a salt water fire fighting system.

E. Grove has been appointed city engineer of Petaluma succeeding N. S. Frost, resigned.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

CAPITAL CITY PLUMBERS USE NEWSPAPERS

The Sacramento Master Plumbers' Association in a 13 by 5 inch advertisement in the Sacramento Bee, September 29th, offers the public something in the way of good advice.

"Consult your plumber first," the ad reads. "Poor plumbing is the route to bad health," the ad continues. "Good citizens are interested in sanitary improvements and united efforts to improve sanitation throughout the country. October 21 to 27 has been designated as National Good Health Week. Let us find you interested—in your own home first—in the relation of modern sanitation to health."

The advertisement is signed by twenty-eight members of the association whose seal signifies the purposes of the organization—"Master Plumbers Association of Sacramento—An assurance of quality goods—Correct installation—Dependable service."

Membership in the Sacramento Plumbers' Association is open to any reputable plumber who will agree to confirm to its standards of business and workmanship.

"SAVE THE SURFACE" TALK HEARD IN STOCKTON

With paint dealers and members of the Builders' Exchange present, a "Save the Surface" campaign meeting was held in the Stockton Chamber of Commerce auditorium Sept. 26. The meeting was called by Stockton paint dealers for the purpose of educating those connected with the paint industry in the national advertising campaign being carried on by the manufacturing concerns. Dealers and painters from neighboring communities were also present.

Talks were given by A. W. Scott, president of the Golden Gate Paint Club of San Francisco, and C. B. Woodruff, vice president of the same organization. Immediately preceding, a three-reel motion picture on the benefits derived by a community after salesmanship and progressivism had been instilled into one paint firm in a town listed as "dead" was shown.

Scott told of the benefits derived by firms and salesmen when progressive methods of advertising and salesmanship are used. Woodruff discussed the work of paint clubs and other organizations of the trade.

Everett H. Wolf presided at the meeting.

STOCKTON BUILDERS HEAR GAS HEATING TALK

Dug Dell of the Stockton Electric Appliance Company gave an interesting talk on Gas heating appliances before the Stockton Builders' Exchange at the regular meeting held Sept. 27. The meeting was the first of a series of educational sessions that will be held during the Winter by the Stockton Exchange, according to Karl Perkins, secretary of the organization. A program of entertainment is also provided at the meetings.

ALAMEDA COUNTY BUILDERS PURCHASE HOME SITE

Twenty thousand dollars in twenty minutes—one thousand a minute.

That was the time it took the members of the Builders' Exchange of Alameda county to raise the remainder of the money needed to purchase the building site at what will be the northwest corner of Hobart and Webster streets, when the former street is cut through from Broadway.

The money was subscribed in the form of loans to the exchange, and each loan draws 6 per cent interest.

The builders got together at an entertainment. In the middle of it, E. M. Tilden, president of the exchange, announced that "more money was needed to complete payment on the building site so that the exchange could clear title and begin the construction of its new home."

In 20 minutes the amount needed was oversubscribed with a total offered of $20,000 or $1,000 a minute.

A $50,000 check was then handed to Fred E. Reed, former owner of the Webster and Hobart property. E. W. Shaw, secretary of the Builders' Exchange, T. D. Sexton, L. C. Fraser of the building site committee, Uresident Tilden, and Sam D. North, chairman of the entertainment committee, officiated at the ceremonies.

The evening's program of fun was arranged by T. D. Sexton and William Breuer, secretary-manager of the Master Plasterers' Association, assisted by other members of the exchange.

CITY HAS PLAN TO TRAIN 2000 BOYS

The Apprenticeship Commission of the New York Building Congress has adopted a program which it is believed will result in the training of 2000 young artisans.

This project on the part of the building congress, which is the culmination of more than a year and a half of investigation, meetings, and getting ready, has been approved by architects, builders, labor union officials, the board of education and the general public.

Carpenters, painters, decorators, and sheet metal workers have been attending the night schools held last year. During the opening school term it is hoped to add classes for apprentices in the electrical, plumbing, plastering, bricklaying, and tile setting trades. The method of instruction which it is intended to provide is to be like that supplied in a regular extension course and is carried on at night school.

AMERICAN MINING CONGRESS TO MEET IN S. F. IN 1924

San Francisco was selected as the place of meeting of the twenty-seventh annual convention of the American Mining Congress, at the board of directors meeting of the congress held in Milwaukee, Sept. 29.

Officers elected at the closing session of the Congress are:

H. W. Seaman, Chicago and Clinton, Iowa, president; Daniel B. Wentz, Philadelphia, first vice president; E. L. Dohny, Los Angeles, second vice president; L. S. Cates, Salt Lake, third vice president. J. F. Callbreath, Washington, D. C., was re-elected secretary.

THE S. F. AMERICAN PLAN

The so-called "American Plan" in San Francisco has been in design and operation, a real plan, not merely a wholesale attempt to crush the unions and create a resentful, revengeful opposition. The Industrial Association today is successfully demonstrating what can be accomplished through fair deal policy when it is executed by an effective organization. The Industrial Association has always recognized the right of men to organize into unions. However, the organization has at the same time stood firm as representative of the public's interest and has demanded a "fair deal" from both the employers and the unions. It is now acting as an arbitrator for complaints from both sides. The policy of a "fair deal," as interpreted by the association, has meant that the Industrial Association has recognized the necessity of protecting the welfare of all workingmen.—H. L. Pierce, Head of Apprenticeship Schools.

EIGHTEENTH ENGINERS PLAN GENERAL RE-UNION

A general reunion and entertainment period during Veterans' Convention Week in San Francisco, October 15 to 19, is being planned by the Eighteenth Engineers, a large part of whose membership was recruited from the bay district at the outbreak of the World War. The committee in charge of the arrangements announces that plans are under way to maintain open house headquarters throughout the week.

It is also desired that the regiment be well represented in the parade, Tuesday, October 16. The Eighteenth's annual banquet and reunion arrangements are being made in the same connection.

Members of the Eighteenth Engineers who desire to take part in the regiment's reunion and other activities, are requested to get in touch with D. W. Pierson, P. O. Box No. 7, San Leandro.

LOGGING CONGRESS CALLED

Between 700 and 800 delegates from Idaho, Montana, Oregon, Washington and British Columbia will assemble in Spokane, Wash., October 24-27 for the fourteenth annual session of the Pacific Logging Congress.

Detailed plans for the convention are rapidly maturing, and will include a number of speakers of prominence to the lumbering industry. The chief topics of discussion will be the preservation of timber.

ENGINEERING CLUB TO MEET

The Engineering Club of the Fresno High School will hold its first meeting of the year in the immediate future at which time arrangements will be made to have several engineers address the club on topics dealing with engineering feats of the past and present and also on engineering courses in general.

Officers of the club are: President, William Hansen; vice president, John Homsy; secretary-treasurer, David Schmidt, and sergeant at arms, Archie Finney.

Important Problems Discussed At American Construction Council Meet

The first annual meeting of the American, Construction Council, following the organization meeting that took place in Washington in June, 1922, was held in New York City, September 21 and 22. At its sessions some of the most pressing problems awaiting solution by the industry received practical consideration.

The meeting of the Council itself, following a meeting of the Board of Governors at the home of President Franklin D. Roosevelt in the morning which was attended by 35 members of the Board and the public, was opened by a note of welcome from President Roosevelt in which he expressed his faith in the great usefulness of the Council and its field of constructive activity for the future, which was read before the Council by Vice-President John E. Lloyd of Philadelphia. The Executive Vice-President, Mr. D. Knickerbacker Boyd, served as general chairman. Executive Secretary Dwight L Hoopingarner transmitted to the meeting the regrets of the Secretary of Commerce, Hon. Herbert Hoover, to President Roosevelt at his inability to be present, and messages of appreciation and support from others who found it impossible to be present. Mr. D. Knickerbacker Boyd then delivered an address as Executive Vice-President of the Council in which he reiterated the purposes for which the Council has been formed and the major lines of activity along which it should operate.

Problems Discussed

Among the problems discussed were Local Autonomy and National Organization in the Construction Industry (How the American Construction Council should aid in the promotion of and co-operation with local building congresses); Apprenticeship, Vocational Guidance and Craftsmanship in the Construction Industry; Reduction of Unemployment in the Construction Industry; the American Construction Council's Program on Research; and What the American Construction Council Can Do to Help the Various Branches of the Industry.

Throughout the discussion emphasis was placed upon movements in actual existance or plans definitely being inaugurated, by the various agencies throughout the industry and by the Council itself. Thus matters pertaining to the organization and actual operations of building construction congresses in New York City, Boston, New Jersey, Philadelphia and Portland, Oregon, were given special attention by the speakers, the formal discussion on which was presented by Mr. Harry T. Stephens, President of the New Jersey Building Congress, Mr. James M. Gauld, Vice-President of the Boston Building Congress, Col. F. M. Gunby of the Boston Building Congress, and Mr. Richard A. Wolff, Secretary of the New York Building Congress, with letters and papers from others.

Apprenticeship

Likewise Apprenticeship, Vocational Guidance and Craftsmanship received concrete presentation by Fred F. Moran, Managing Director of the Apprenticeship Commission of the New York Building Congress; Dr. J. C. Wright, Director of the Federal Board for Vocational Education; George Dautel, Chairman of the Apprenticeship Committee for Bricklayers, Cleveland, Ohio; James M. Gauld, Vice-President of the Boston Building Congress, and Col. F. M. Gunby of the Boston Building Congress, and others.

Reduction of Unemployment in the Construction Industry received attention through a paper by Mr. A. P. Greensfelder, Vice-President of the Associated General Contractors of America, St. Louis, and an address by Dr. John M. Gries, Chief of the Division of Building and Housing of the U. S. Department of Commerce.

In each case there was open discussion from the floor, participated in by numerous other persons, and the appropriate committee of the Council itself made announcement as to the activities and plans of the Council for action along the respective lines among which was the report of Mr. F. W. Walker, Chairman of the American Construction Council's Committee on Apprenticeship, Vocational Guidance and Craftsmanship, and the report of Mr D. Knickerbacker Boyd, Chairman of the American Construction Council's Committee on Seasonal Unemployment. Rotating chairmen were chosen to preside for each topic, Frank C. Wight of the Engineering News-Record (New York) presiding for the subject of Building Congresses, Dr. J. C. Wright of the Federal Board for Vocational Education presiding for the subject of Apprenticeship, W. E. Welch of the American Society of Safety Engineers presiding for the subject of Reduction of Unemployment, and Dwight L. Hoopingarner, Executive Secretary of the Council, presiding for the subject of What the American Construction Council Can Do to Help the Various Branches of the Construction Industry.

Research Program

The Council's Program on Research was presented by Dwight L. Hoopingarner, speaking as Chairman of the Council's Committee on Public Information and Research, to the effect that the services of the Committe and the administrative resources of the Council are at the disposal of the industry for the prosecution of research along any and all lines that are of mutual and proper interest to the Council and the Industry as a whole for which resources might be available.

At the dinner meeting held at the Hotel Commodore on Sept. 21, at which Wright D. Goss, President of the Empire Brick and Supply Company, acted as toastmaster, a searching analysis of the Council's general field of endeavor was made by Mr. E. J. Brunner, editor of the American Contractor, of Chicago, who was the speaker for the occasion. In his remarks Mr. Brunner vividly pictured the enormous field of opportunity for the Council, made up as it is by the voluntary action of all elements in or affecting the industry and yet starting without the handicaps of habit and tradition in such an endeavor. At the same time, he pointed out the necessity of proceeding along paths carefully projected and of mutual interest.

To Assist Branches

There was no significant phase of the program than that at the evening session pertaining to What the American Construction Council Can Do to Help the Various Branches of the Construction Industry, which was participated in officially by the presidents or other representatives of about twenty or more of the leading national organizations interested in the construction industry, who set forth the problems confronting their branches of the industry on which the American Construction Council can render help. Among those who participated in this discussion were: Dean F. Paul Anderson, of the American Society of Heating and Ventilating Engineers; M. T. Bannigan, President of the National Builders Supply Association; C. T. Bissell, of the National Board of Fire Underwriters; Francis Blossom of Sanderson & Porter; Thomas D'A. Brophey of the Copper & Brass Research Association; Adelbert E. Coleman, President National Assn. of Building Trades Employers; J. W. Cowper, President Associated General Contractors of America; Edward E. Duff Jr., Secretary National Paving Brick Manufacturers Association; R. C. Gaskill, of the Atlantic County District Council of Carpenters; James M. Gauld, Labor Representative on the Boston Building Congress; F. M. Gunby, of the Boston Building Congress; G. A. McGarvey, of the Federal Board for Vocational Education; R. C. Marshall, Jr., General Manager Associated General Contractors of America; Joshua L. Miner, of the Concrete Products Association; M. W. O'Brien, of the National Association of Marble Dealers; Harry T. Saunders, of the National Association of Real Estate Boards; W. W. Schupner, Secretary of the National American Wholesale Lumber Association; H. T. Stephens, of the American Institution of Architects; M. M. Uphon, of the American Concrete Institute; W. E. Past President of the American Society of Safety Engineers; and J. C. Wright, Director of the Federal Board for Vocational Education.

In brief, the great opportunity for constructive service by the Council was evidenced in the pledges of support and the discussions throughout the various sessions. Aside from the general attendance, delegates were present from the twelve constituent groups of the Council—Architects; Engineers; General Contractors; Sub-Contractors; Construction Labor; Material and Equipment Manufacturers; Material and Equipment Dealers; Financial, Surety, Bonding, Real Estate, Accounting, Insurance, Building and Loan Organizations, Chambers of Commerce, and Boards of Trade; Public Utility Construction Departments; Representatives of Federal, State, County and Municipal Bureaus or Departments concerned with Construction; National Associations of Builders Exchange, Building Trades Employers' Associations, and Similar Associations or Federations of Building interests; and the public.

$25,000 Appropriated

Indicative of the Council's affirmative action along some of the more important lines are the resolutions passed at the annual meeting of the Board of Governors, held in conjunction with the meeting of the Council itself, which are as follows:

Recognizing the need of promoting the organization of local building construction congresses throughout the various construction centers of the country where none already exist and with the desire to co-operate in every appropriate manner with such congresses as already exist and to assist in the establishment of others, the Board of Governors of the American

Construction Council herewith authorizes the expenditure of such sum as may be available up to $25,000.00, to be used in the promotion of this work; and the Board requests the officers of the Council to utilize its administrative resources in every way possible in the furtherance of this program.

Apprenticeship

With the desire of furthering a sound and adequate program on apprentice training for the construction industry and of co-operating in every way possible with the present bodies who are directing their efforts in this field, and who are or in the future may be, inaugurating and conducting agencies for such training, the Board of Governors of the American Construction Council hereby requests the officers of the Council operating especially through its Committee on Apprenticeship, Vocational Guidance, and Craftsmanship, to co-operate with employees' and employers' organizations, building congresses, and all other elements in the construction industry, and with the educational bodies, local and national, in providing for apprenticeship which will be attractive to young men and will afford the fullest means for the employment and training of efficient workers as apprentices, and will produce the skilled workmen needed in the construction industry; and the Board further authorizes as the first essential step in this program the making of a national survey on apprenticeship needs and conditions of labor supply throughout the construction industry through the appropriate agencies of the Council co-operating with all organizations within the industry.

Statistical Program

Earlier in the year the American Construction Council called attention to the necessity for securing at regular intervals adequate data that would give the public information which it could use as a barometer of present and anticipated volume of construction by important districts throughout the country. By securing such facts it is the thought that the peaks and valleys in construction activities, which have effects of such a serious nature upon every person in any way connected with the industry, either in contemplating and executing a project or an an owner, would by careful planning be reduced in so far as possible. The need for such information has become all the more apparent with the rapid expansion of the industry in its many angles and the desirability of co-ordinating its activities toward a better stabilization of the industry itself. The administrative machinery and the budget required to put into effect a program to accomplish these ends from the very nature of things would be very substantial in size.

After an extended and exhaustive survey of the field and of existing agencies for securing statistics on the construction industry, the Board of Governors of the American Construction Council has decided to defer action by the Council itself on a general program in this regard until such time as may be practicable, without duplication of effort, in expediting the collection, interpretation, and dissemination nationally of data applicable locally and at present not readily available to the general public.

The Board of Governors further authorizes and directs its Executive Committee to keep in touch with conditions pertaining to construction throughout the various districts of the nation, and if in its judgment a crisis arises in construction activities, to convene as many members of the Board as possible and issue a statement to the public for its information regarding same, recognizing in its action conditions applicable to the different localities.

Japan Faces Gigantic Building Program—Lumber Is Greatest Demand

Housing operations as America knows them even in war times, appear insignificant beside the scope of the building operations Japan now faces in reconstructing the great cities of Tokyo and Yokohama, says the Far Eastern Division of the Department of Commerce. The latest reports place the destruction of buildings in the devastated areas at 316,000 in Tokyo, or about 71 per cent of the total number in that city, while in Yokohama out of the 85,000 buildings standing before the disaster only 15,000 are left intact. The destruction in the outlying districts may bring the total of buildings destroyed up to the half million mark, the large majority of which are homes. This number, added to the housing shortage that existed in Japan before the earthquake, will necessitate the construction of dwelling houses on a large scale. Since Japan normally looks to the United States for about 60 per cent of its lumber requirements it is expected that the demand for American lumber during the reconstruction period will be very heavy.

American Market Favored

The price of Japanese lumber delivered c. i. f. Yokohama or Tokyo has been approximately 20 per cent higher than that of similar qualities of American lumber, and American freight rates have been favorable. The American market also finds itself in a favorable position as regards delivery. It often happens that the Japanese importer can secure delivery from Pacific ports to Yokohama in less time than from Hokkaido, Karafuto, or even from the northern Provinces of Japan proper.

Japan's preference for American lumber, aside from the price consideration, is due, perhaps, more than anything else to the fact that our lumber is more nearly like that of Japan proper than the product of any other country from which it draws wood supplies. This similarity of wood makes it possible for Japanese builders to substitute American lumber for Japanese in all building projects. In fact, its use has become so universal that American lumber is now specified in many instances.

Kind of Lumber Imported

The principal lumber imports of Japan consists of fir, hemlock, pine, and cedar, about half of which is imported in large squares of from 12 to 24 inches and a lesser amount in small squares of 4½ by 4½ inches. The large squares are worked up in the local mills and carpenter shops into the different shapes required for general building, while the smaller squares are used as studs for holding up roofs and for supporting beams. The large squares are very popular among builders in Japan and can only be obtained in America.

The only competition confronting the United States in trade in this class of lumber will come from other parts of North America, as the Siberian, Manchurian, Hokkaido, and Saghallen or Karafuto pines and cedars are a of inferior quality and accepted only as substitutes for Japanese and American woods.

At the time of the disaster stocks of lumber in Japan were quite large, especially in Kobe, Osaka, and Tokyo. Assuming that all the stocks in Yokohama and Tokyo were destroyed, it is seen that there is still a fairly good supply on hand for immediate emergency purposes. The real demand will come when the permanent construction of the devastated areas commences. The requirements for home building will no doubt be satisfied first and will take the largest share of the lumber imports.

In comparison with our own homes little wood is required for the construction of Japanese dwellings, in which paper, straw, matting, and tile (for roofing) play a large part, but during recent years the tendency has been toward a greater use of wood, especially for ceilings and interiors, as the Japanese are very fond of polished wood in its natural colors. In this respect our lumber has lent itself very admirably owing to its superior quality.

In rebuilding the residential sections of the cities which were visited by the disaster every economy will be practiced and the use of wood will be limited in every possible way. Despite these attempts to save, large quantities of lumber will be needed.

Piling and Paving Blocks

Piling will be required in large numbers for reconstructing the destroyed docks and waterside warehouses and sheds in Yokohama and Tokyo, as well as for building subfoundations for industrial buildings, bridges, and construction work in general. The city of Tokyo for some time has contemplated the widening and straightening of its narrow, crooked streets, and many have already been designated for this improvement. This plan will no doubt be carried out in the reconstruction program and the widening of the streets will require enormous quantities of paving blocks. Douglas fir has been used almost exclusively in the paving program of Tokyo.

It is reported that plans are being made to rebuild Tokyo and Yokohama along modern lines, conforming with the construction of the Western World as closely as practicable. The possibilities along this line are somewhat limited, however, owing to the necessity of always keeping in mind the probability of a recurrence of earthquakes and designing the buildings accordingly, and the necessity of keeping the cost within limits, especially in the case of homes. It is certain, however, that in a short time better and finer cities will rise from the ashes of Tokyo and Yokohama, and that they will regain the prominent positions in Japanese affairs that they enjoyed before the disaster.

CHICAGO LIMITS BUILDING HEIGHTS TO 475 FEET

Chicago, which, for some time, has limited the heights of its buildings to 400 feet has repudiated this restriction and the Corporation Counsel has issued a ruling permitting the erection of the new thirty-two story S. W. Straus & Co. building 475 feet high.

Several new buildings, which will become land-marks in the various cities in which they are being put up, are in various stages of construction.

The thirty-two-story Shelton Hotel in New York, the tallest building in the world used for human habitation, has just been completed. In Detroit the twenty-nine-story Book-Cadillac, the tallest transient hotel in the world, is being built.

Other notable skyscrapers recently built or now in the course of erection are the Standard Oil building of New York, rising to a height of 511 feet, and the Chicago Temple building in Chicago, which, with its slender spire, will reach a height of 556 feet. The Chicago Tribune Tower building, one of the most distinctively architectural structures in the country, will be with its tower, 400 feet high.

PUBLICATIONS

"The Tribune Tower Competition" is the title of a large 680-page volume published by the Tribune Company, 7 S. Dearborn street, Chicago, as a compendium of the designs submitted in its $100,000 architectural contest for the new administration building now being erected on Michigan avenue The volume is substantially bound and contains 281 full pages reproductions of the submitted designs. The illustrations are not only handsome and artistic reproductions of the perspective drawings but are also, because of the large page size, more than 12 inches, clear in detail. The book is meant to serve as an encyclopedia of skyscraper design and is a valuable reference work. It contains the report of the jury of awards, the biographies of the winning architects, and the names of all architects who participated in the contest. It is thought that "study of the designs will result in better understanding of the enormous potentialities of the skyscraper." The engravings have been reproduced on a heavy, surface paper, and the volume sells at $5, said to be less than the cost of production.

The Blaw-Knox Company, Pittsburgh, has published a valuable and excellently illustrated booklet describing its "flat slab system of building construction." The company leases steel forms to be used in concrete construction and frankly states that its method is profitably used only when a building is of sufficient size to permit resuse of the panels. It states that in such cases these is not only substantial economy but alo increased speed in the work and better finish. The forms are said, besides, to reduce fire hazards, to serve with greater advantage in winter work, and to facilitate operations in other ways. A large detailed drawing, illustrates the method of use and instructions sufficient to give an idea of the process are given in accompanying pages.

"Union," Portable and Bench Type Wood Working Machines is the title of a 12-page booklet published by the Gallmeyer and Livingston Company, Grand Rapids, Michigan. The book is descriptive of the various types of combination and plain power jointers and saw benches manufactured by this company. A complete list of specifications is given with material descriptive of each model. Construction and aperating features are all amply described

The W. D. Allen Manufacturing Company, 566-570 W. Lake street, Chicago, has published a booklet descriptive of its Alenco pressed steel cabinets for fire apparatus and of its hose racks, standpipes, plugs, swivel caps, coupling, valves and hose Embodied in the booklet are five blue prints showing construction details for installing the cabinets. Specifications are also furnished. The cabinets came in various types and sizes and are adaptable to the housing of any average given assembly of fire fighting units.

"Wood Working Machinery," is the title of a well illustrated 10-page booklet published by the Valley City Machine Works, Grand Rapids, Michigan. This book gives specifications and details of operation of vertical, radial, horizontal, and plain boring machines; high duty routers; spiral twist machines; and general wood working and carving power equipment.

S. F. ARCHITECTURAL CLUB BANQUET HUGE SUCCESS

"The Greatest Event in the History of the Club," was the unanimous pronouncement of those who attended the Anniversary Banquet of the San Francisco Architectural Club in the Plantation Room of the Palais Royal on Friday, September 28th.

When the 70 or more guests had been seated, Mark T. Jorgensen, President of the Club, after offering a toast to the Charter Members, who were the honored guests of the evening, introduced August G. Headman, one of the Charter Members, who acted as spokesman for the guests. The Charter Members present were August G. Headman, Arthur S. Bugbee, Harry E. Nye, P. Brouchoud, George Wagner, Arthur T. Ehrenpfort and John H. Ahnden. Other invited guests comprising the Honorary Members of the Club were: John Bakewell Jr., Arthur Brown Jr. and Clarence Ward.

Original Minutes Found

A surprise of the evening was when August G. Headman produced the original minutes of the first meeting of the San Francisco Architectural Club, held September 28, 1901, which up till two days previously were premused to have been destroyed in the great fire of 1906. They were resurrected by Norman Mohr, who was secretary of the Club at the time of the fire, among some old papers at his home where they were brought from his office during the great conflagration. In this manner the date of the founding of the Club was definitely settled. The 21st Anniversary Banquet proved to be in reality a 22nd Anniversary Banquet.

Fund Subscribed

A thing which added greatly to the enthusiasm and good feeling was when Mr. Clarence Ward suggested that a fund be provided for a scholarship to be awarded yearly in the Atelier, and started the fund himself by a very liberal contribution. The response was so general and contributions rolled in so fast that for a time the Secretary was unable to keep track of them. In less than 10 minutes subscriptions totaling over $1600 were received. Those contributing were as follows: Clarence Ward, George Wagner, August Headman, John Bakewell, Aruthur Brown, J. F. Cronin, Arthur S. Bugbee, T. J. Pflueger, A. R. Williams, Fred Kramer, Oscar Mohr, Lloyd Cole, James C. Cole, Edw. Flanders, A. A. Volsin, H. Villalon, W. G. Pigeon, Ernest Weihe, W. Dunnavant, Wm. Watson, W. L. Frick, Harry E. Nye, Mary T. Jorgensen, H. Michaelson, W. Klahn, Fred Munk Jr., Wm. Dreusike, Felix Raymaud, Chris Mueller, A. Chapman, Geo. W. Kelham, Wm. B. Faville and Edward Eames. A Committee of five members consisting of Clarence Ward, George Wagner, August Headman, John Bakewell and Arthur Brown was appointed by President Jorgensen to work out the necessary details of the scholarship.

A beautiful souvenir menu was placed at each plate. The souvenir was designed by Edward Eames and contributed by the Standard Blue Print Company through Mr. J. F. Cronin.

Charter Members Honored

Charter meembers were each presented with neatly engraved certificates of Honorary Membership and a key to the club. Regrets were read from H. M. Smitten, F. A. Farnkopf, A. O. Johnson, Albin R. Johnson, E. G. Bolles, Geo. W. Kelham, John Reid Jr., and H. G. Corwin.

Considerable enthusiasm was shown by old time members of the club including August Headman, Clarence Ward, John Bakewell and Arthur Brown. The success of these men in the architectural fields proved an inspiration to the younger members of the club to keep up the good work.

Ernest Wiehe and Edward Frick, patrons of the Atelier, both spoke in glowing terms of the future possibilities of the class and the great interest being taken by those who are now members of it.

Architect Headman paid high compliments to the officers of the club and commented upon the Charter Members of the organization who have passed to the Great Beyond.

Interesting talks were also made by Arthur Bugbee, Harry Nye, George Wagner and a number of the Past Presidents.

The success of the affair was due to the work of the committees in charge of the event headed by Wilton Smith and Mark T. Jorgensen, president of the club.

Benjamin Electric Manufacturing Company, 847 W. Jackson Blvd., Chicago, has published a 4-page catalog explaining the advantage and the economies of its plan whereby a contractor-dealer may buy an assorted group of popular wiring devices comprising a wide range of electrical specialties. The purchaser is then given a maximum discount, and he may select a great number of combinations to make up his mixed order. The separate devices are illustrated and cataloged.

"The Office of the Chief of Engineers of the Army," is the title of a monograph of particular interest to contractors who consider the construction of any government work under the jurisdiction of the United States Corps of Engineer. This book, which is published by the Johns Hopkins Press of Baltimore, Maryland, has been compiled by W. Stull Holt through the efforts of the Institute for Government Research.

The Dow Company, Louisville, Kentucky, has just published a brochure descriptive of its enclosed, spiral slide, fire escape. The advantages of this type of fire escape structurally, architecturally and from the point of view of safety and automatic operations are all presented A table of specifications for both interior and exterior use in part of the material contained in the brochure.

The Monarch Tractors Incorporated, Watertown, Wis., has issued Bulletin No. 16, featuring the Monarch Self-Anchoring Stump Puller, the very latest addition to the Monarch line. The product has taken over a year to develop and has been given a thorough field test. The bulletin contains illustrations of the puller at work in addition to detail specifications.

Secretary of Commerce Hoover has wired the San Francisco headquarters of the West Coast Lumbermen's Associaeion that the following advices had been received from the Japanese Government: "The Japanese government contemplates buying in the next six months about 260,000,000, and that it is desirable that the purchase be made in American markets."

RICK MANUFACTURERS PLAN EDUCATIONAL CAMPAIGN

The hundreds of brick chimneys and rick walls that that passed unscathed rough the recent disasters in Berkeey and in Japan have moved the comon brick manufacturers of California launch a great State-wide campaign f education among the many populous mmunities throughout the State that re constantly exposed to the same fate at befell Berkeley.

Leading brick manufacturers in the tate gathered in San Francisco last eek to complete the work of organiation, to visit the Berkeley ruins, to ear first-hand reports from Japan and plan their campaign both among e public and among architects and e building trades. The new organiation is known as the California Comon Brick Manufacturers' Association. . W. Dennis of San Francisco, genral manager of the McNear Brick gency, is one of the organizing dictors of the new association.

"Use of brick in construction has ever been more widespread than it is day," declared Dennis, "but the pubc must not be allowed to overlook e frightful lessons taught by these o disasters. Our campaign is not to one of mere propaganda. It is the rformance of a civic duty. We must sist that owners, architects and ilders face their responsibility to e public in selecting the materials ey use."

UILDING ACTIVITY DECLINE IS PREDICTED

General healthy continuance of ilding activity, following a normal asonal curve, is indicated in reports aching the National Association of eal Estate Boards from public and ivate surveys.

Tendency toward stabilization apars pronounced both in costs of marials and in labor prices. With no portant wage raises looked for in e buildings trades in the months dictly ahead, and with the material arket back to a state where no specular ups and downs are on the rizon, the way seems fairly clear for normal carrying out of construction ograms on a basis of adjustment to tual business demand.

Existence of a definite housing ortage in 61 per cent of the cities ported on in the association's rent survey of real estate conditions, d of a shortage not so acute in 12 r cent of the remainder, is an indicaon of the extent of the effective dand that may be dependend on to ep up construction pressure.

DWARD SHEIBLEY APPOINTED SAFETY ENGINEER

Edward G. Sheibley, who graduated om Stanford University in 1908 as a vil engineer with a degree of A. B., d who has a master's degree in civil gineering from Harvard, has been pointed to the position of chief fety engineer of the safety departent of the state industrial accident mmission to succeed H. M. Wolfin, ho resigned.

G. Chester Brown, formerly with the fety department of the industrial cident commission for eight years d recently employed with the state mpensation insurance fund as ming engineer, has been transferred to e safety department of the industrial cident commission. He will be in arge of the mining division.

Otis Elevator Company of San Franco has awarded a contract for a o-story brick and concrete factory be erected at Grant avenue and ach street, San Francisco, at a cost $350,000.

CONSTRUCTION FIRM SUED

Suit has been instituted at Salinas by Chas. Lehman, laborer, formerly employed on the Hilltown bridge projects undertaken by Monterey county, to collect $168.50 back pay alleged to be due. The Standard Industrial Engineering Corporation of San Francisco and the Royal Indemnity Co. of New York, surety on the corporation's bond, are named as defendants.

Lehman's complaint says he was discharged unpaid on March 28. In addition to the $168 50 alleged back pay, he demands $182 penalties under a state labor law.

TRADE NOTES

Henry Livingston Reeve, representing the Edward F. Caldwell & Co., Inc., 38 West Fifteenth street, New York, was a recent visitor to San Francisco inspecting the work his company is installing in the new Federal Reserve Bank and the Anglo and London Paris National Bank. The Caldwell Company are makers of gas and electric light fixtures and ornamental brass and wrough iron work. Ornamental lighting fixtures of the Caldwell Company are being installed in the Federal Reserve and Anglo and London Paris Banks.

The Sun Portland Cement Co., with a recently constructed plant at Lime, Ore., has opened permanent offices in the Porter Bldg., Portland, Ore. Officers of the company are: H. A. Ross, president; G. Macdonald, vice president and treasurer; C. T. W Hollister, secretary and sales manager; F. E. McCaslin, assistant secretary; H. L. Knappenberger, plant manager. Macdonald and Hollister were for many years associated with the Oregon Portland Cement Company.

A new material, quite like porcelain, but immune to stains and possessed of unusually good wearing qualities, is being put on the market on the Pacific coast. It will be used for flooring in bathrooms and similar rooms in all sorts of buildings, and will be made into drainboards for residences. It is sold under the name of Tile-Lac, and is being distributed by Ross & O'Brien, and by the Allstone Corporation, both of Los Angeles.

F. O. Stallman, 167-173 First St., San Francisco, is seeking a Pacific Coast machine plant to manufacture for the Western market a small portable typewriter of his invention. Several Eastern plants are engaged in making these machines, which will be on the market in about six months. One model weighs one pound, and the other weighs two pounds.

Southwest Sales & Equipment Co. of Los Angeles has been appointed sales representative for Southern California, Arizona and western Texas for Joyce Jacks by the manufacturers of this well-known line of jacks, special types of which are made for every purpose.

Thomas Gordon and George W. Harrison announce Charles W. Russell as a partner in the firm of Gordon & Harrison, building material dealers, of Los Angeles. Russell was formerly general manager of the Golden Gate Portland Cement Company.

E. C. Cooley of Bisbee, Ariz., will enter the building material supply business in Sacramento, maintaining offices in the Builders' Free Exhibit, 910 Ninth Street, Sacramento.

Articles of incorporation of the Granite Rock Company, with principal place of business at Watsonville, have been field at San Luis Obispo. The original capital stock February 2, 1904, was $20,000 and on August 3, that year, the stock was increased to $50,000. April 3, 1907, the capital stock increased to $100,000. Officers and directors are given as W. P. Porter, president, A. R. Wilson, secretary and K. G. Easton, J. J. Morey and E. Herriott, directors.

Sacramento Engineering & Machine Works, a new concern headed by L. C. Brosemer, former superintendent of the Stockton Iron Works, will commence operations shortly in the plant formerly occupied by the Big Four Truck Company in Riverside road, Sacramento. Machinery for the plant is en route to Sacramento.

Edward R Bacon Company, dealers in construction and motor truck equipment, announces the consolidation of its San Francisco salesrooms, formerly at 51 Minna St. and 735 Folsom St. at Folsom and Seventeenth Sts., where it has an acre of space under one roof.

The Atlas Mixed Mortar Company of Los Angeles has taken over the property of the Lawrence-Moore Company which operates a rock crusher in Stough canyon. G. W. Moore, partner in the old firm, will remain as manager of the plant, which will be enlarged.

The Diamond Match Co., has purchased the yards and stock of the Oroville Lumber Company at Oroville. The Oroville yards were owned by Matheny Brothers, who plan to operate in the lumber business in the Bay districts.

The interests of the Burbank Rock & Gravel Co., operating plants at Burbank and Roscoe, Calif., have been taken over by the Standard Rock & Gravel Co. Mr. Houle of the old company will remain as vice-president and manager of the new corporation.

C. A. Biederstadt, formerly vice-president of the Hammel Radiator Corp., has severed his connection with and interest in that corporation to join the sales organization of the Pacific Gas Radiator Company of Los Angeles.

Heinsen Rotary Oil Burner Co., has started operations in its new plant in Espee avenue, Richmond. J. O. Ford is secretary of the company.

Construction of a brick warehouse at 1001 Twenty-second Ave., Oakland, is being completed for the California Wire Cloth Company.

The Foundation Company announces the removal of its Los Angeles office from 423 Higgins Bldg. to 710 Lankershim Bldg.

The Blackwell-Cathro Co., has been incorporated at capital stock of $300,000 and will maintain headquarters at Sacramento. The company will manufacture and sell gas refining machines and inventions. Directors are: Lee Blackwell, T. P. Cathro and C. H. Wahl, all of Sacramento.

The J. L. Mott Iron Works of New York has filed formal notice of withdrawal from business in the state of Oregon.

Articles of incorporation have been filed at Seattle by the Bellingham Steel Company whose purpose it is to manufacture, buy, sell and deal in steel and steel products. Directors are B. E. and T. Shellebarger and Dan Erickson.

SEEK TO HALT OAKLAND ESTUARY TUBE PROJECT

It will be folly to build the estuary tube between Oakland and Alameda, according to present plans, says J. T. Whittlesey, a member of the California State Railroad Commission and prominent engineer, who will take steps to find out if the Railroad Commision can officially intervene and conduct a hearing on the plan. Whittlesey proposes to call an informal conference to thresh over the entire project.

The announcement come on the eve of actual construction of the project for which Alameda county has voted $4,000,000. Geo. A. Posey, county surveyor of Alameda County, was officially named as chief engineer for the project and is already working on the plans.

According to Whittlesey, present plans provide for a tube 24 feet wide, providing for both trolley and vehicular traffic.

ANSWERED BY ENGINEER

Sharp answer to criticism of the Oakland-Alameda estuary tube made by J. T. Whittlesey, state railroad commissioner and San Francisco engineer, is made by Alameda County Surveyor George Posey.

The tube will be constructed, danger from poor ventilation has been reduced to a minimum, traffic accidents are less likely to occur in the tube than on Broadway, and the tube is large enough to handle traffic for the next several decades.

This is a summary of Posey's retort to Whittlesey, which, in part, follows:

"The subway will be safe and adequate for the purpose involved, but there will be three bridges across the estuary for those who may not care to use the subway. The best consulting and designing engineer talent are engaged in making it the best that can be constructed.

"There will not be as much danger in the subway as on some streets where traffic is not regulated. It has become necessary on heavily traveled streets to have traffic police and regulation and, if the conditions warrant it, such will be the case in the estuary subway.

"In order to provide even better air than is sometimes found on Broadway, a mechanical method of ventilation will be employed in the subway which has been demonstrated feasible by the United States bureau of mines."

STATE SEEKS ENGINEERS AND ARCHITECTS

The State Civil Service Commission announces examinations for architects and engineers. The date for filing applications closes October 13. Positions for which examinations will be held follow: Junior Architectural Draftsman; Assistant Architectural Draftsman; Architectural Draftsman; Senior Architectural Draftsman; Assistant Mechanical Engineering Draftsman; Junior Structural Engineer; Assistant Structural Engineer; Junior Equipment Engineer (highways); Junior Testing Engineer; Junior Civil Engineer (asphalt macadam and asphalt concrete); Assistant Civil Engineer (asphalt macadam construction); Assistant Civil Engineer (asphalt concrete construction). Further information regarding these examinations may be obtained from the Sacramento offices of the commission in the Forum Building, or from the State Free Employment Bureaus at 771 Howard St., San Francisco; 401 Tenth St., Oakland; 176 South Market St., San Francisco; 916 H Street, Fresno; 35 North Center St., Stockton, and 206 Court Street, Los Angeles.

Kern Voters To Decide Fate Of $15,000,000 Irrigation Projec

Election on the organization of the 15 million dollar proposed Kern River water storage district has been set by the state engineer, M. F. McClure, for Saturday, November 10. Following proper notification of the pending election by advertisement, voters in the proposed district, alloted one vote for every one hundred dollars worth of land holdings, will cast their ballots either for or against the establishment of a water storage area which will include within its boundaries 250 thousand acres now partially irrigated by water diverted from Kern river by canals.

The proposed project will be one of the greatest in scope ever contemplated in the state. In addition to the districts affected by canals already debouching the waters of Kern river, the Weed Patch irrigated area will be extended to 15 thousand acres from six thousand. Likewise around Lerdo and Shafter, McFarland and Wasco lan which are now unaffected by the pre ent irrigation system will, in the co tingency of the establishment of su an irrigation area, be benefitted.

The plans for the irrigation ar embrace the establishment of a va storage reservoir at Isabella on t Kern river and the acquirement of t canals of the Kern county land co pany. Under the provisions of t water storage act seven districts, ea of which will elect a director, are pr vided for. The directors must be la owners in the district from which th are nominated. Nominations for d rectors may be filed up to not less th 10 days prior to the date of the ele tion. Voting under this form of di trict is limited to land owners, ea owner being entitled to one vote f each one hundred dollars worth accessed land valuation within the di trict.

E. G. BANGS APPOINTED DIRECTOR OF STATE HOUSING COMMISSION

E. Geoffrey Bangs, San Francisco architect, has been appointed Director of Housing for the State Commission of Immigation and Housing. The selection is in conformance with the policy of the Commission to obtain where possible the service of technical men in executive and administrative capacities.

A native of California, Bangs attended the State University at Berkeley, from which he was graduated with honors in Architecture, receiving later the degree of Master of Arts. Upon completion of his studies, he entered the services of Professor John Galen Howard, University Architect, under whom he worked during the construction of buildings then being erected under the Phoebe A. Hearst Plan. Subsequently he entered private practice with offices in San Francisco.

When the United Saates entered the war, Bangs who was then a volunteer in the French Service, enlisted in the American Forces and following the Armistice, was attached to the Army Education Commission as an instructor in architecture and Supervising Architect for the A. E. F. University of France.

The new Director brings to the work not only the training of his profession; but the results of considerable study and experience in the character of work such as now confronts the Housing Department. It was while abroad that his attention was first directed to the studies of Community Housing and City Planning as offering the solution of the slum menace; studies which were further continued in New York while he was engaged in the planning of Industrial Communities for Eastern Manufacturers.

Of late Bangs has given some little study to these questions as they apply to California conditions, and under his direction the Housing Department will seek to improve the housing conditions of the State.

NEW CALIFORNIA PATENTS

The following new patents were issued at the patent office in Washington recently to California inventors: A. Z. Bose, Vallejo, garbage incineration; J. D Horton, Oakland, grouser; W. S. Kelly, Oroville, drawer dividing device; J. H. Postel, San Mateo, Fountain brush; E. E. Savord, Ventura, timer; Alexander Willink, Martinez, tiling system; W. L. Whidden, Spreckels, calling device.

FURNITURE ASSOCIATION SEEI "BETTER HOME" EMBLEM

Artists of California will be interes ed in a competition announced by t Retail Furniture Association of Ca fornia, in which three cash awards a offered for the best design for an c ficial emblem typifying the business the industry and expressing the ide of better homes.

The contest is open to any arti who is a resident of California, a professional commercial artists as w as students of art schools and colleg are invited to participate. A fir prize of $100 is offered for the be design submitted, and second and thi prizes of $50 and $25, respective also. The contest closes October and information blanks may be o tained by addressing the Retail Furn ture Association of California, 180 N Montgomery street, San Francisco.

The Retail Furniture Association composed of representative deale and the adoption of an official emble is one of a number of measures whi the organization has planned in campaign toward the promotion of i creased interest upon the part of t public in better homes as a nation institution.

The winning design will be a nounced at the next general conve tion of the association at Sacramen October 25, 26 and 27.

ITALY SEEKS DATA ON OUR STREE PAVING

Impresa Allegri & Co., (address V Ovidio 26, Roma, Italy), in a letter Chris. P. Jensen, county surveyor Fresno County, seeks data on stre and highway pavements. The tran lated letter reads as follows:

"We would be very much obliged you would send us details relating the construction of streets in asph in your city and county, with referen to the following:

1. Preparation of base or grou plot.
2 Preparation of cushion, materi and quantity.
3. Asphalt, its application and m chinery necessary.
4. What kind of workers can do t work with most success.

If you will indicate also the ca logue and books which contain t argument, it would be agreeable to for information and in waiting for t sending by you, we thank you a greet you."

Building News Section

APARTMENTS

Plans Completed.
APARTMENTS Cost, $38,000
BERKELEY, Alameda Co., Cal. Dwight Way near Telegraph Avenue.
Two-story frame and stucco apartment building.
Owner—F. W. Maurice (General Contractor), 1362 E-25th St., Oakland
Architect — A. W. Smith, First Trust Bldg., Oakland.

Bids to be Taken Next Week for a General Contract.
APARTMENTS Cost, $30,000
SAN FRANCISCO. Twenty-seventh Ave. and California St.
Two-story frame and stucco apartments (4 4 and 5-room apts.)
Owner—Mrs. Dayton.
Architect—Baumann & Jose, 251 Kearny Street, San Francisco.

Contract Awarded.
AMPARTMENTS Cost, $17,600
STOCKTON, San Joaquin Co., Cal.
Two-story frame apartments.
Owner—S. Gardella, 1407 E-South St., Stockton.
Architect—Ralph P. Morrell, 41 S-Sutter St., Stockton.
Contractor—F. L. Fetters.

Plans Being Prepared—To Be Done By Day's Work.
APT. HOUSE Cost, $50,000
SAN FRANCISCO, Fillmore near Oak.
Three-story frame and stucco apartment house (12 apts.)
Owner—Strand & Strand, 163 Parnassus Ave., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans to be Prepared.
APARTMENTS Cost, $100,000
SAN FRANCISCO. S Washington St. — E Jones St.
Five-story and basement reinforced concrete apartment building.
Owner—Frank La Torres, 185 Stevenson St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $11,000
OAKLAND, N 54th St. 100 E. Genoa.
Two-story 16-room frame apartments.
Owner—Chas. Anderson, 844 54th St., Oakland.

Plans Being Prepared.
APARTMENTS Cost, $100,000
SAN FRANCISCO, Sacramento and Octavia Streets.
Six-story and basement reinforced concrete apt. house (12 3-room and 34 2-room apts.)
Owner—L. B. Ham, 110 Sutter St., San Francisco.
Architect—Not Given.

Sub-Figures Being Taken.
APT. BLDG. Cost, $100,000
SAN FRANCISCO, NW Stockton and California.
Six-story and basement reinforced concrete apt. bldg. (44 2-room and 2 3-room apts.)
Owner—L. B. Ham, 110 Sutter St., San Francisco.
Architect—A. J. Horstman, Arguello Blvd., San Francisco.
Grading done by Sibley Grading and Teaming Co.

Plans Being Figured.
APARTMENTS Cost, $250,000
SAN FRANCISCO, NW Sutter & Leavenworth Streets.
Ten-story steel frame class A brick and concrete apts. (75 2-rm apts.)
Owner—L. B. Ham, 110 Sutter St., San Francisco.
Architect—Not Given.

General Contract Awarded on a Percentage Basis.
APARTMENT BLDG. Cost —
SAN FRANCISCO, Cal. S Green 223 E Jones.
Ten-story and basement class B reinforced concrete apartment bldg. (10 6-room apts).
Owner—Dr. C. R. Bricca.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
General Contractors—Grace & Bernierl, Claus Spreckels Bldg., S. F.
Structural steel awarded to the Central Iron Works.
Reinforcing steel to Edw. L. Soule.
Grading nearly complete, Sibley Grading & Teaming Co.

General Contract Awarded.
APT. BLDG. Total cost app $625,000
SAN FRANCISCO, N Washington 68-9 W Gough.
Ten-story basement and sub-basement and attic reinforced concrete apt. bldg. 10 14-room apts.
Owner—Two Thousand & Six Washington Street, Inc.
Architect — C. A. Muessdorffer, Humboldt Bank Bldg., S. F.
Contractor — Robert Trost, 26th and Howard, San Francisco.

Ready For Figures In About Ten Days.
APARTMENTS Cost, $25,000
SAN FRANCISCO, Francisco St., bet. Polk and Larkin Sts.
Two-story and basement frame duplex apartment building with tile roof.
Owner—Dr. J. A. Scannatino.
Architect — Wm. E. Milwain, Pacific Bldg., Oakland.

Contract Awarded.
APT. BLDG. Approx. $29,000
SAN FRANCISCO, Trenton and Stockton streets.
Three-story reinforced concrete apt. Bldg., (12 3-room apts).
Owner—Ah Louis.
Architect—Albert Fabre and E. Hildebrand 110 Sutter St., S. F.
Contractor—Larsen-Siegrist Co. Claus Spreckels Bldg., San Francisco.

Plans Complete.
APARTMENTS Cost, $15,000
SAN JOSE, Santa Clara Co., Cal., 426 San Fernando.
Alter restaurant into apartments.
Owner—A. B. Pickett.
Architect—Elwood Hiatt, 101 Wabash, San Jose.

Plans Completed.
ALTERATION Cost, $20,000
SAN JOSE, Santa Clara Co., Cal., 14th and San Fernando.
Alter residence into apartments.
Owner—Mrs. M. E. Grace.
Architect—J. R. Phelps, 245 Alameda, San Jose.

Contract Awarded.
APARTMENTS Cost, $15,000
OAKLAND, N 40th St. 300 W Webster.
Two-story 16-room frame apartments.
Owner—C. Porter.
Contractor — California Builders Co., 1534 Franklin St., Oakland.

Plans Completed.
APARTMENTS Cost, $13,000
SAN FRANCISCO, E Guerrero St. 53 S Market.
Three-story and basement frame (6) apartments.
Owner—Morris & Annie M. Jones, 37 Guerrero St., S. F.

Plans To Be Prepared.
STORE & APT BLDG. Cost, $—
SACRAMENTO, Cal., SE 12th and L Streets.
Six-story and basement concrete store and apartment building.
Owner—B. S. Berry, 20th Ave. near Cabrillo, S. F.

LOS ANGELES, Cal.—A. J. Harris, Ambassador Hotel, has had plans prepared and will erect a 49-room, 24-apartment building on Bond St. near Pico St., for himself. Three-story, 95x54 ft., frame and plaster construction, composition roof, pine trim, wall beds, gas radiators, water heaters. Cost, $48,000.

LOS ANGELES, Cal.—W. E. Clopine, 503 Jr. Orpheum Bldg., has completed plans and has the contract to erect a 40-rm. apt. bldg., at Whitley Heights, for H. B. Washburn. Frame constr., 2-story, plas. exter., comp. rfg., hardwd. and O. P. fls., and trim, tile baths and drainbds, gas rads., aut. water htrs., wall beds, metal lath.

LOS ANGELES, Cal.—W. E. Clopine, 503 Jr. Orpheum Bldg., has completed plans and has the contract to erect a 40-room apt. bldg., on Whitley Ave., Whitley Hts., for Harrison B. Washburn; it will be divided into single apts. Frame and plas. constr., 2-story, tile and comp rfg., hardwd. fls., tile baths and drainbds., gas rads., aut. water htrs., wall beds, O. P. trim, metal lath.

BONDS

PALO ALTO, Santa Clara Co., Cal. — Until Nov. 5, 11 a. m., bids will be rec. by county supervisors for purchase of $150,000 bond issue to finance additions to Palo Alto Union High School, contracts for which were recently awarded from plans of Birge M. Clark, architect, Palo Alto.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 15, bids will be rec. by county supervisors for purchase of $10,000 bond issue of Mt. Pleasant School District; proceeds of sale to finance school improvements.

SAN JOSE, Santa Clara Co., Cal. — Oct. 23 is date set to vote bonds of $750,000 to finance construction of two new junior high schools.

FAIRFIELD, Solano Co., Cal.—County supervisors sell bond issues of following school districts, the proceeds of the sale in each instance to finance school improvements: Oakdale district $6500; Willow Springs district, $6000; Green Valley district $15,000 and Ryder Island district $15,000.

MERCED, Merced Co., Cal.—County supervisors sell $3,000 bond issue of Fruitland School District for premium of $2; proceeds of sale to finance school improvements.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal Bbls $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. SF
Douglas Woodhams & Co.
24 CALIFORNIA ST SAN FRANCISCO, CALIF.
PHONE SUTTER 5907

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

MERCED, Merced Co., Cal.—County supervisors reject two bids for purchase of $200,000 bond issue of Merced Union High School District and new bids will probably be asked. Bidders offered premiums of $233 and $338. Proceeds of sale are to finance school improvements.

CHURCHES

Completing Plans—Figures To Be Taken Shortly.
CHURCH Cost, $250,000
BERKELEY, Alameda Co., Cal., 2516 Durant St. (Epworth University Church).
Four-story class A reinforced concrete church, stone or terra cotta exter.
Owner—Board of Missions of M. E. Church, Nashville, Tenn.
Architect—J. A. Baylor, Louisville, Ky.
Mr. Baylor was recently here to look over the site and has returned to Louisville to complete the plans.
Bids will be taken in about two months by the Building Committee of which Judge Wm. H. Waste, 2222 Durant, Berkeley.

CHICO, Butte Co., Cal.—Hall Sheet Metal and Furnace Works, 804 Broadway, Chico, awarded contract to install gas heating plant in Presbyterian church. Cole and Brouchard, architects, Waterland-Breslauer Bldg., Chico

SAN JOSE, Santa Clara Co., Cal.—Saunders and Hughes, Mausoleum Engineers, 18 West San Fernando St., San Jose, have prepared plans for a community mausoleum to be erected in Oak Hill Cemetery. Will be of reinforced concrete construction with white marble interior finish.

YUBA CITY, Sutter Co., Cal.—I. C. Evans, Marysville, at $25,000 awarded contract by Methodist Congregation to erect new edifice. It is planned to have construction completed for Christmas services.

SANTA MONICA, L. A. Co., Cal. — Archt. Robert H. Orr, 1305 Corporation Bldg., has completed plans and is taking bids for a new church at Santa Monica for Santa Monica Christian Church. Bids are being taken separately on the masonry, reinf. steel, struc. steel, tile and marble, plastering, millwork, hardware, roofing, sheet metal ornam. iron, painting, plumbing, wiring and heating. The bldg. will contain an auditorium, classrms, and social rooms; brick constr., ruff. brick facing, comp. rfg., art glass, pine trim, Plenum htg. system; $60,000.

FACTORIES AND WAREHOUSES

Plans Being Prepared.
WAREHOUSE Cost, $60,000
FRESNO, Fresno Co., Cal., San Benito and O Sts.
Two-story brick warehouse.
Owner—United Whse. Co. of Fresno.
Lessee—Haas Bros (wholesale grocers) of San Francisco.
Architect — Coates & Traver, Rowell Bldg., Fresno.

Figures To Be Taken Shortly.
ALTER & ADDITION Cost—
SAN FRANCISCO, Folsom St. near 8th
Alter and add to class C brick stable building for laundry.
Owner—Galland Mercantile Laundry Company.
Architect—S. Helman, 57 Post St., San Francisco.

Contract Awarded.
FACTORY BLDG. Cost, $7000
SAN FRANCISCO, NE 8th and Heron Street.
One-story reinforced concrete mattress factory.
Owner—Merton J. Price, Flood Bldg.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Wm. Martin, 180 Jessie St. San Francisco.

To Be Done By Day's Work.
ADDITION Cost, $6000
SAN FRANCISCO, W Mission 75 N Huron.
Brick addition for repair shop.
Owner—A. E. Archer, 5960 Mission St., San Francisco.
Architect — F. W. Quandt, Humboldt Bank Bldg., S. F.

Ready for Figures in About a Week.
OFFICE & FACTORY Cost, $10,000
SAN FRANCISCO. Folsom Street
One-story, basement and mezzanine floor reinforced concrete office and factory.
Owner—F. Wilbert.
Lessees — Canedy-Otto Mfg. Co., 950 Folsom St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Contract Awarded.
ANNEX Cost, $10,000
SAN FRANCISCO. 1123-29 Harrison Street.
Construct 3-story "L" brick annex to factory.
Owner—Jas. Madison, 112 Market St., San Francisco.
Architect—N. Blaisdell, 255 California St., San Francisco.
Contractor—Alfred H. Vogt, 185 Stevensen St., San Francisco.

Contract Awarded.
STORES & LOFTS Cost, $12,500
SAN FRANCISCO, N Jessie 75 W 4th
Three-story reinforced concrete stores and lofts.
Owner—James D. Costigan 775 Howard St., San Francisco.
Architect—W. H. Armitage, 72 New Montgomery St., San Francisco.
Contractor—Mission Concrete Co., 72 New Montgomery St., San Francisco.

Permits Applied For—Steel Contract Awarded.
FOUNDRY Cost, $70,000
SAN FRANCISCO, E Spear bet. Folsom and Harrison Sts.
Three 1-story steel concrete and corrugated iron foundry and garage bldgs. 137x275.
Owner—Great Western Smelting & Refining Co., 75 Folsom St., S. F.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Steel awarded to Minneapolis Steel & Machinery Co.

SAN FRANCISCO—The Lyons California Glace Fruit Co., 585 Folsom St., (Mr. Raas) have purchased property at 17th, Mariposa, Alabama and Florida streets and will at a later date erect a 100,000 square foot factory building.

OXNARD, Ventura Co., Cal.—Ord Ice Co. will start work shortly on a large ice plant costing $65,000 on property west of the Southern Pacific tracks, at the end of Enterprise St. A. A. Miller, mgr. of the company at Ventura, will have charge.

SAN BERNARDINO, Cal.—Santa Fe Ry. has secured a permit to erect a $52,000 tin shop of steel conc. and glass constr. at the railway's local shops This is the first unit of the $2,000,000 bldg. program for the S. B. shops. The R. E. McKee Constr. Co. has the contract.

LOS ANGELES, Cal.—Clinton Construction Co., Stock Exchange Bldg., has been awarded the general contract at about $175,000 for erecting a 4-sto. and basement warehouse and factory bldg. on E. 7th St. near Utah St. for Wm. Voelker Furniture Co. Albert C Martin, 228 Higgins Bldg., archt. Other contracts were awarded as follows: Plumbing to J. Hokom at $4467.75; elevator to Otis Elevator Co. at $6450; electric work to Newbery Electric Co. at $6100; and ventilating to B. F. Sturtevant Co. at $6500. Bids are now being taken on steam htg. The bldg. will be 100x247 ft., reinf. concr. construction, steel sash, comp. rfg., metal skylights, 3 elevators, steel rolling doors.

LOS ANGELES, Cal.—May & Grimwood, Haas Bldg., have the contract to erect a 3-story class A warehouse on E 8th St., bet. Wall and San Julian sts. for O. J. Weber. J. A Larralde, 1400 Stock Exchange Bldg., archt. Reinf. conc. constr. 3-story., 45x142 ft., press. brick facing, comp. rfg., conc. and O. P. fls., mezzanine fls., steel sash, art stone trim, plate glass, elec. elevators, metal skylights, wire glass; bldg. designed for 3 future stories.

LOS ANGELES, Cal.—Austin Co. of Cal., 737 Bartlett Bldg., has completed plans and has the contract to erect a 1-story factory bldg. at cor. 38th St. and Compton Ave., for the Robinson Mfg. Co. Dimensions, 100x200 ft., steel roof trusses, brick walls, comp. rfg., cem. fls., steel sash, metal skylights, wire glass; $37,000.
The same company has a contract to erect two factory bldgs. at 70th and Alameda Sts., for Emsco Tool Co., E. M. Smith, pres. Dimensions, 40x80 ft. and 40x40 ft., corru. iron walls and roof, cem. fls., steel sash, steel frame constr., metal skylights; $17,000.

SAN FRANCISCO — Bids will be asked in 30 days by the State Board of Harbor Commissioners, Ferry Bldg., to construct the first two stories of the proposed China basin warehouse at the foot of 2nd street. Foundation work, costing approximately $1,000,000, is now being completed by the Healy-Tibbits Construction Co. Plans were originally prepared for a six story structure but only two stories will be undertaken at this time, provisions being made for the addition of 4 stories at a later date. Frank G. White is chief engineer of the commission.

LOS ANGELES, Cal.—Archt. Frank D. Chase, Inc., Title Ins. Bldg., has prepared plans for a factory bldg. to be erected on 24th St. near Santa Fe Ave., for Stockton Pipe & Fitting Co. Dimensions, 100x144 ft., steel frame constr., conc. and brick walls, steel sash, steel roof trusses, comp. rfg., metal skylights, cem. fl.; $25,000.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing
PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

ALHAMBRA, Cal.—Gold Seal Refining Corp. (formerly the Wadolene Refining Corp.) announces its plans to erect the first unit of a plant in Alhambra. The reposed unit will be a plant for the composition of oils and greases. The company is operating several service stations in this city and is said to be planning more.

OATMAN, Ariz.—Oatman United Mining Co. will start work at once on extensiv. for the proposed new gold cyanide mill to be erected at Oatman. The mill will be operated to utilize a new process called the electro-cyanide process, and will have a capacity of 25 tons every 8 rms. J. K. Turner, consulting engr., and Rush T. Still of Still & Still, Los Angeles, have charge of the work.

LOS ANGELES, Cal.—Moran Co., 6 Kerckhoff Bldg., has completed plans and has the contract to erect a 2-sto. class C factory bldg., on Wall St. near 10th St., for Hanna, Butterworth & Turner. Dimensions 100x145 ft., 2-story brick walls, cem. and maple fls., steel sash, metal skylights, comp rfg., struc. steel, press. brick facing, plate and wire glass; cost $75,000.

LOS ANGELES, Cal.—Until 9 a. m., Oct. 17, bids will be received by the board of education for erecting additional bldgs. at the warehouse site, 437 San Pedro St. The bldgs. will include a mill bldg., 2-story, 60x125 ft., and 2 warehouses, one 3-story 72x120 ft. and the other 2-story 72-135 ft.; reinf. conc. constr., steel sash, stucco exter., comp. rfg., metal skylights, elevators; $200,000. Bids will be taken separately on general work, plumbing, painting and wiring.

FLATS

Contract Awarded.
FLATS Cost, $12,500
BERKELEY, Alameda Co. Cal. No. 1611-13 Oxford St.
Two-story 14-room flats.
Owner—J. E. Blake, 2209 Cedar St., Berkeley.
Architect—None.
Contractor — Harry Ahnefeld, 1969 Marin Ave., Berkeley.

Contract Awarded.
FLATS $5600 & $10,000
SAN FRANCISCO, S Greenwich 150 175 W Divisadero.
Two 2-story and basement frame flat bldgs. (21 flats each).
Owner—John A. Tennyson, 2631 Greenwich, San Francisco.
Contractor—W. W. Rednall, 2500 Filbert St., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, N Crescent Ave. 100 E Mission.
Two-story & basement frame (2) flats.
Owner—Guseppe Piedemonte, 20 Crescent Ave., San Francisco.
Architect—J. W. Gillegley, 745 San Jose Ave., San Francisco.
Contractor—T. A. Sourich, 1733 Palou Ave., San Francisco.

To Be Done By Day's Work.
FLATS Cost, $10,000 ea
SAN FRANCISCO, E 25th Ave. 100 & 125 S Cabrillo.
Two 2-story and basement frame flat bldgs. (2 flats each).
Owner—Bryan Feerick, 258 Downey St. San Francisco.

Contract Awarded.
FLATS Cost, $13,850
SAN FRANCISCO, W Ashbury 32-6 N Haight.
Two-story and basement frame (4) flats.
Owner—Lulu E. McCluskey, 2008 Fell St., San Francisco.
Contractor — John Little & Son, 1035 Lincoln Way, S. F.

Contract Awarded.
FLATS Cost, $13,750
SAN FRANCISCO, N Chestnut 164 E Van Ness Ave.
Two-story and basement frame (2) flats.
Owner—John O'Connor, care contractor
Architect—Fabre & Hildebrand, 110 Sutter St.
Contractor—Christiansen Bros 518 25th Ave., San Francisco.

GARAGES

Contractors Taking Sub-Figures.
TERMINAL Cost, $200,000
LOS ANGELES, Cal., 6th and Los Angeles Sts.
Two-story and basement reinforced concrete auto stage terminal.
Owner—Louis R. Lurie, S. F.
Lessee—Pickwick Auto Stage Co.
Architect—O'Brien Bros., 318 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 815 Bryant St., San Francisco.
Sub-figures are being taken from San Francisco firms.

MONROVIA, L. A. Co., Cal.—Archts. Rueff & Munson, 1107 Story Bldg., have completed plans and are taking bids on gen. contract for a 1-story and mezz fl. auto sales and garage bldg. to be erected at Monrovia, for the Oakland Auto Sales Agency, G. N. Turner, agent. Brick and conc. constr., 52x152 ft., show room 50x31 ft. with plate glass on 3 sides, tile and comp. rfg., red quarry tile and conc. fls., Summerbell roof trusses, gas rads., steel sash, overhead auto lifters, metal store fronts, wash racks, metal skylights, plaster front; there will be offices and men's smoking room on mezzanine floor.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until Oct. 11, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4852, for fur. and del. Rio Vista, Solano county: 15,000 lin. ft. single beaded ceiling or partition (single bead each side) clear Pine 1-in. by 3-in. Further information on request.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11 a. m., Oct. 12, 1923, for repairing an oil pump at Fort Winfield Scott, Calif. Information upon application.

WASHINGTON, D. C.—Until Oct. 18, 10:30 a. m., bids will be rec. by General Purchasing Agent, Panama Canal, under Circular No. 1561, for fur. and del. Balboa (Pacific Port): steel, steel rope, pipe fittings, welding rods, chain, iron or steel pipe, copper tubing, manila rope, water closet bowls, seats and balls, cocks, seizing wire, steel wire, poultry netting, wire cloth, automatic alarm signals, range boilers, magnetos and coils, glass, leather, belting, jute, oakum, torches, enamelware, chinaware, fiber mats, cocoanut fiber, flax & rubber packing, canvas duck ticking, copper sheeting, marline, rubber boots, ladders, asbestos gaskets, emery cloth, and lumber. Further information obtainable from Assistant Purchasing Agt for Commission, Fort Mason, San Francisco.

WASHINGTON, D. C.—Until Oct. 13, 10.30 a. m., bids will be rec. by Panama Canal Commission, under Circular No. 1560, for fur. and del. Balboa (Pacific Port): 2 oil handling pumps, 14 and 20-in. steam cylinders, by 12-in. oil cylinder and 18-in. stroke. Pumps shall be steam driven, horizontal, duplex, tandem-compound, non-condensing, double-acting, with outside center-packed plungers. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

CALIFORNIA — Joseph Rosborough, Oakland Postmaster, announces the Federal Government will construct new postoffices in Oakland and San Francisco in the immediate future. The growing demand for additional quarters in Oakland and San Francisco prompt early construction of new buildings.

SAN FRANCISCO — Bids will be asked shortly by Constructing Quartermaster's Office, Fort Mason, for fur. and installing pump and motor addition to pumping station at Lobos Creek. Further information regarding this work will be given when bids are desired.

SAN FRANCISCO—Until Oct. 13, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4859-496, for fur. and del. Rio Vista, Solano County; miscellaneous castings. Specifications will be furnished on request.

SAN FRANCISCO—Until Oct. 15, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4865, for fur. and del. Rio Vista, Salono county: 20 gals. smokestack paint, high grade biturine, in 1 gal. cans; 50 gals. outside white paint, in 5 gal. cans; 100 lbs. dry zinc, powdered for boilers. Further information on request.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured—Bids Close Oct. 16, 1923.
CLUB BLDG. Cost, $15,000
RED BLUFF, Tehama Co., Cal.
One-story brick club building.
Owner—Women's Club.
Architect — Chester Cole, Waterland-Breslau Bldg., Chico.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Contractors Taking Sub-Figures.
STORE ETC. Cost, $1,000,000
SAN FRANCISCO, N Post St. between Powell and Mason Sts.
Thirteen-story class A store and club building.
Owner—Elks' Club.
Architect — Meyers and Johnson, 742 Market St., San Francisco.
Engineer — C. H. Snyder, 251 Kearny St., San Francisco.
Contractors — R. McLeran Co., Hearst Bldg., San Francisco.
Steel contract awarded to Golden Gate Iron Works, 1541 Howard St., at $140,000.

Plans Being Revised.
HALL Cost, $80,000
SAN FRANCISCO, E Jones St., betw. Eddy and Turk Sts., 54x137-6.
Two-story, basement and mezzanine floor class A or C hall (designed for additional stories).
Owner—Musicians' Union No. 6.
Architect — Sylvian Schnaittacher, 233 Post St., San Francisco.

LOS BANOS, Merced Co., Cal. — As previously reported, contract to erect two-story brick and tile Masonic Temple awarded to E. H. Mellencamp, Fresno, at $31,510. Complete list of bids follows:

F. H. Reidle, Los Banos	$32,025
Roy Carter, Selma	34,800
Guy H. Wilson, Los Banos	33,975
M. M. Finlayson, Los Banos	31,960

HOSPITALS

Plans Being Prepared.
BRICK ADD. Cost, ——
SAN FRANCISCO, Anza St. and 6th Ave.
One-story and basement brick, surgery and clinic addition to hospital.
Owner—French Hospital.
Architect—Fabre & Hildebrand, 110 Sutter St., S. F.
Plans will be ready for figures in about two weeks.

SACRAMENTO, Cal.—County supervisors are inspecting sites on which it is proposed to erect group of buildings to be known as county poor farm. Bids for various sites have been received by the supervisors and a selection will be made shortly.

SAN FRANCISCO — A. Lettich, 365 Fell St., at $13,746 submits low bid to Bd. Pub. Works to move Ward "A" building at Relief Home. Other bids were H. C. Matthies, $14,495; Wm. Bruce, $19,750.

STOCKTON, San Joaquin Co., Cal.—Frank Tucker, 321 N Sierra Nevada St. Stockton, at $1638 awarded contract by county supervisors to install incinerator in county hospital. Architect Ralph P. Morrell, 41 S Sutter St., Stockton, is the architect.

STOCKTON, San Joaquin Co., Cal.—San Joaquin Lumber Co., Scotts Ave. & Madison Sts., Stockton, at $2136 awarded contract by county supervisors to repair and reroof county detention home building.

FORT MASON, Cal.—Jas Currie, 3120 Balboa St., submitted the only bid at $15,000 to the Constructing Quartermaster, Fort Mason, to construct a two-story concrete wing addition to receiving ward and Clinic now under construction at the Letterman General Hospital.

FAIRFIELD, Solano Co., Cal.—Until Oct. 8, 11 A. M., blds will be rec. by G. G. Halliday, County Clerk, for fur. and installing in county hospital, one "American" Kinyoun-Francis Steam and Formaldehyde Disinfector, 30-in. wide, 42-in. high and 84-in. long. Further information obtainable from clerk. **See call for bids under official proposal section in this issue.**

STOCKTON, San Joaquin Co., Cal.—Until Nov. 6, 11 a. m., blds will be rec. by Eugene D. Graham, county clerk, to construct water tower and tank at San Joaquin county general hospital. Plans obtainable from office of clerk. Plans prepared by Architect Ralph P. Morrell 41 S Sutter St., Stockton.

ALAMEDA, Alameda Co., Cal.—Until Oct. 16, 8 P. M., bids will be rec. by W. E. Varcoe, City Clerk, to furnish and lay linoleum in offices and corridors of Alameda City Health Center building in Santa Clara Ave., bet. Oak and Walnut Sts. To be ¼-in. Battleship, cut and laid. Cert. check 10% payable to city req. Plans on file in office of Board of Health, City Hall.

MARYSVILLE, Yuba Co., Cal.—L. E. Hite, Marysville, at $2,878 awarded contract by County Supervisors for repaint and make minor repairs at county hospital.

HOTELS

Completing Plans—Sub-Figures To Be Taken Shortly.
HOTEL & STORE Cost, $175,000
SAN FRANCISCO, S Sutter W Jones St. (80 ft. frontage).
Six-story and basement class C reinf. conc. bachelor hotel & store bldg. 110 rooms and baths, lobby and mez. floor for dancing academy.
Owner—James Welsh, 597 20th Ave., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Sub-figures will be taken in about two weeks. Work will be done by day's labor under the supervision of the owner. Exterior will be cement plaster.

Contract Awarded.
HOTEL Cost, $60,000
OAKLAND, 5th and Clay Sts.
Three-story class C reinforced concrete hotel.
Owner—J. Porro, 554 4th St., Oakland.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Excavating and concrete work awarded to Buschke & Brown, 185 Stevenson St., San Francisco.

Owner Taking Sub-Figures.
ADDITION Cost, $25,000
PASO ROBLES, San Luis Obispo, Cal.
Two-story brick store and hotel bldg addition.
Owner—W. C. Henderson, Paso Robles.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

SAN DIEGO, Cal. — The California Hotel Syndicate is reported to be seeking a site on San Diego's ocean front for a $1,000,000 tourist hotel. A site was previously selected near Sunset Cliffs, but the project was abandoned several years ago. The new location will probably be on Point Loma or farther north.
On property consisting of 316 acres bet. Bird Rock and La Jolla, being put on the market by George L. Barney I. L. Leszynsky, B. W. Sinclair and others, it is said that two large tourist hotels are planned.

NOTE:—The judges to decide the best commercial or trade name for Sandy Pratt's new crushed rock and crushed gravel to be produced at Prattrock near Folsom are:
1. R. D. Brigham, Vice President, Anglo-California Trust Co.
2. George Urquhart, Vice President, White Truck Co.
3. Matthew A. Harris, President, Van Arsdale-Harris Lumber Co.
4. John D. McGilvray, President McGilvray-Raymond Granite Co.
5. Max Sommer, Sommer & Kaufmann, Inc., Retail Shoes.

The prizes are:
$100.00 worth of 7% cummulative prefered stock.
50.00 worth of common stock.
50.00 carload of crushed rock or gravel.
35.00 carload of clear, sharp sand.
15.00 Traffic Book—"Pratt's Shippers' Record Book."

$250.00 Total in Prizes.

IN A short time.
* * *
THE GREATEST contest for a trade name.
* * *
WILL BE decided.
* * *
BY THE above five gentlemen.
* * *
ALL PROMINENT business men.
* * *
OF SAN Francisco.
* * *
THERE ARE 175 contestants.
* * *
IN SANDY Pratt's now famous contest
* * *
AND SOON Clarence Sand Pratt.
* * *
OF THE Pratt Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
OF SACRAMENTO, Prattrock and Marysville.
* * *
WILL TELL the world.
* * *
WHAT COMMERCIAL name to use.
* * *
IN ORDERING crushed rock.
* * *
FROM SANDY Pratt's new rock company.
* * *
(THE PRATT Rock & Gravel Co.)
* * *
THERE MUST be 1,000 names submitted.

AND THE judges have a job.
* * *
IN TRYING to decide.
* * *
WHO IS entitled.
* * *
TO THE $250.00.
* * *
"I THANK you."

Paul Revere Prizewinner, of Pratt rock, near Folsom home of Sandy Pratt's new crushed rock company the Pratt Rock & Gravel Co. Paul, a the boys around Folsom call him heard that Miss Dame Rumor said he won a car load of Pratt's clean, sharp sand in the above contest. Paul is on the road to Sandy's sand plant on the American River at the 12th street bridge at Sacramento.

LONG BEACH, Cal.—Archt. Kirkland Cutter, 1000 E Ocean Blvd., Long Beach, is reported preparing plans for a 12-story class A hotel bldg. to be erected on a site to be selected for a group of Long Beach clients.

SAN DIEGO, Cal.—Richard T. Robinson, 1st National Bank Bldg., Fresno, and Robert Blankenship and associates are promoting a $750,000 apt. hotel and garage for site at 5th, 6th and Ash Sts. The site has been purchased at a cost of $250,000. J. H. Shreve is said to represent a group of Long Beach, Los Angeles and San Francisco capitalists interested in the project. Definite plans will be announced shortly.

CULVER CITY, Los Angeles Co., Cal.—Architects Curlett & Beelman, 408 Union Bank Bldg, have completed plans for a six-story and basement Class A store, office and hotel building, to be erected at Main and Washington Sts., Culver City, for H. H. Culver. The first story will contain stores; second story will be fitted up for offices of the Harry H. Culver Co., and the upper stories will contain 60 hotel rooms with 30 baths; reinforced concrete frame and floors, brick filler walls, cast stone and pressed brick facing, plate glass, copper cornice, tile roofing, cement and marble floors, tiled baths, 1 elevator, steam heating. Bids will be taken this week.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., is completing plans for a 12-story class A hotel bldg. to be erected at cor. Bixel and Ingraham Sts., for Mrs. H. Foote and J. Foote; it will contain 252 rms. with 100% baths, dining room, kitchen, press, brick and terra cotta facing, comp. rfg., tiled baths, steam htg system, 2 elec. passenger elevators and 1elec freight elevator, vacuum cleaning system, refrigerating system, plate glass, marble and tile fl. and wainscot, mezzanine fl., O. P. and hardwd. fls. and trim, mech. ventilating system, metal skylights, incinerator, circulating cold water to each room; $800,000. Bids to be taken on separate contracts in about 2 weeks.

ICE AND COLD STORAGE PLANTS

WOODLAND, Yolo Co., Cal.—Union Ice Co., 354 Pine street, San Francisco, will construct $35,000 ice plant at Sixth and Lincoln streets; will have daily capacity of 25 to 30 tons.

POWER PLANTS

LOS ANGELES, Cal.—Until 3 p. m., Oct. 23, bids will be rec. by dept. of public service, 207 S Bdwy., for high voltage transformers. Spec. P-314. Jas. P. Vroman, secy.

ORLAND, Glenn Co., Cal.—City trustees contemplate election to vote bonds to finance purchase of electric distributing system of Pacific Gas and Electric Company within the city limits. It is proposed to purchase the power from the P. G. & E. Company at the City limits and distribute it as a municipal enterprise.

PUBLIC BUILDINGS

MODESTO, Stanislaus Co., Cal. — Randolph and Ward, Modesto, at $14,120 awarded cont. by city council to erect two bungalow fire stations. A. C. Jones only other bidder at $15,390.

TULARE, Tulare Co., Cal.—H. W. Allen & Co., Fresno, at $14,964 awarded contract by city trustees to erect firehouse in — St. Other bids were: J. R. Henderson, Tulare, architect.

Barkelew & Gould, Tulare	$14,990
Peter B. Vitelle, Taft	15,483
J. B. Hart, Fresno	15,563
C. H. Smith, Tulare	15,920
Carl Nelson, Hanford	15,999
A. E. Noble, Visalia	16,000

BEVERLY HILLS, L. A. Co., Cal. — Archts. Gable & Wyant, rm. 8, Balford Bldg., 634 S Western Ave., L. A., have been commissioned to prepare sketches and have commenced work on preliminary drawings for the new city hall in Beverly Hills. Bonds have been voted.

SAN FRANCISCO—Van Emon Elevator Co., 1161 Howard St., San Francisco at $17,813 awarded contract by Bd. Pub. Wks. to repair elevators in public buildings.

OAKLAND, Cal.—Until Oct. 11, 12 m., bids will be rec. by Eugene K. Sturgis, city clerk, for fur. and installing one automatic multicoil storage water heater in Municipal Auditorium. Bond of 25% req. of successful bidder. Spec. and further information obtainable from clerk.

TUCSON, Ariz.—It is reported that work on the new University of Arizona library will start this month. The proposed bldg. will cost $300,000. Archts. Lyman & Place, Tucson, have prepared plans for a 3-story bldg., 194 ft. frontage, by about 90 ft. deep, for the University of Arizona. The bldg. has been planned by the archts. in conjunction with Pres. C. H. Marvin, and Miss Lutrelle, librarian. Assistance was also given by Leo W. Koch, librarian of Northwestern University, who has planned many important library bldgs. The bldg. will contain a partial basement. Reinf. conc. and struc. steel construction; rugbrick facing and exter. walls, with terra cotta trim and red Spanish tile rf. The main reading rm. will be 40x125 ft., 2-story in height, and will be lighted by 9 arched windows. The bldg. will contain several smaller reading rms.; catalogue rms., offices, lecture hall, and stack rm. with facilities for 350,000 volumes; steel book stacks, cork carpets, book elevator, elec. automatic passenger elevator, hardw. panel wainscoting, cork tile lobby fl., marble staircase, etc.

RESIDENCES

To Be Done By Day's Work.
RESIDENCE Cost, $12,000
SAN MATEO, Cal., Lot 161 San Mateo Park Crescent & Clark Drive.
Residence.
Owner—Mitchell-Jackson Co., 170 2nd Ave., San Mateo.

Plans Being Prepared.
RESIDENCE Cost, $16,000
SAN FRANCISCO, Seacliff.
Two-story frame and stucco residence (9 rooms and 3 bath rooms).
Owner—Mrs. G. A. Freese.
Architect—Earle B. Bertz, 158 Sutter St., San Francisco.

Preparing Revised Plans.
RESIDENCE Cost, $20,000
OAKLAND, Alameda Co., Cal., Arguello Blvd. and Jackson St.
Two-story and basement frame and stucco residence and garage with terra cotta tile roof.
Owner—Mrs. Grace Bekeart.
Architect—Ward & Blohme, 454 California St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Cal., Lake District.
Two-story and basement frame and stucco residence and garage.
Owner—J. L. Steuart.
Architect—Ward & Blohme, 454 California St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $15,000
STOCKTON, San Joaquin Co., Cal., N Hunter St.
Two-story and basement frame and plaster residence and separate garage with terra cotta tile roof (8 rooms).
Owner—Carl Bachelder.
Architect — W. E. Milwain, Pacific Bldg., San Francisco.

Plans Completed.
DWELLING Cost, $9500
BERKELEY, Alameda Co., Cal. No. 1338 Euclid Ave.
Two-story 6-room dwelling.
Owner—J. V. Short, 1406 Euclid Ave., Apt. 6, Berkeley.

Contract Awarded.
DWELLING Cost, $11,800
BERKELEY, Alameda Co., Cal. No. 1040 Euclid Ave.
Two-story 10-room frame dwelling.
Owner—J. W. Sterling.
Architect—None.
Contractor—C. Texdahl, 5375 Belgrave Place, Berkeley.

Plans Being Figured.
RESIDENCE Cost, $16,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco residence with tile roof, 10 rooms.
Owner—Dr. Harry L. Langnecker, 320 Embarcadero, Palo Alto, and Lane Hotel, San Francisco.
Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
Bids being taken for general contract.

MEDUSA
WHITE CEMENT

LOW PRICES
FRESH STOCK

Pacific Materials Co.
525 Market Street San Francisco

Plans Being Figured.
DWELLING Cost, $10,000
BERKELEY, 1334 Euclid Ave.
Two-story 6-room dwelling.
Owner—Mrs. Jessie Short Jackson, 602 Stockton St., San Francisco.
Architect — Archie Newsom, Nevada Bank Bldg., San Francisco.
Bids are being taken for a general contract except painting.

Contract Awarded.
RESIDENCE $12,000 approx.
SAN FRANCISCO, S Portola 295 E Terrace.
Two-story and basement frame and stucco residence.
Owner—Wm. Saunders.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Contractor—H. Papenhausen, 532 3rd Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $16,000
PIEDMONT, Alameda Co., Cal. No. 30 Crocker Avenue.
Two-story 9-room frame residence and garage.
Owner—W. H. L. Hynes, Bank of Italy Bldg., Oakland.
Architect—None.
Contractor—F. J. Malley, 900 Lakeshore Ave., Oakland.

LOS ANGELES, Cal.—De Luxe Bldg. Co., 521 Union League Bldg., L. A., has completed plans and has the contract to erect the following: 8-rm. moorish residence at Beachwood Hts. Tr. for Harry Branstatter. Frame and plaster constr., tile rf., hardw. fls. and trim, gas unit htg. sys., aut. water htr., tile baths and kitchen, tile mantels, 2-sto., part basement, $20,000.

8-room residence at Brentwood park, for H. F. Oakley. Plaster exter., frame constr., 2-story, tile rf., gas unit htg. sys., aut. water htr., tile baths and drainbds., hardw. and O. P. trim, part basement, tile mantels, metal lath; $19,000.

8-rm. moorish residence at Beachwood Hts. Tr. for Henry Hotchener. Frame constr., 2-story and part basement, gas unit htg. sys., tile and comp. rfg., aut. water htr., tile baths and drainbds., br. and tile mantels, hardwood trim, metal lath, hardw. fls., $18,000.

Two residences at Brentwood Park, for J. Y. Peterson; they will each contain 14 rooms. Brick veneer, 2-story, part basement, gas unit htg. sys., zinc shingle rf., hardw. fls., tile baths, storage water htr., tile mantels, hardw. & mahogany trim, ornam. plaster, brick and plaster exter.; $30,000 each.

Two residences to contain 7 rooms each, at Brentwood Park for G. C. Harboldt. Frame and plaster constr., tile rf., part basement, tile baths and drainboards, hardw. and O. P. fls. and trim, tile mantels; $10,000 each.

Preparing plans to erect a 12-room English style residence, to be erected at Brentwood Park, for Mrs. Tille Lanber. Brick veneer and plaster exter, tile rf., 2-story, hardw. fls., gas unit htg. sys., aut. water htr., hardw. trim, tile and br. mantel, part basement; $21,000.

LOS ANGELES, Cal.—Archt. John R. Kibbey, 826 Lowe State Bldg., has completed plans for a 15-room colonial residence to be erected on Muirfield Rd. at head of 5th St., for Neil S. Carthy. Frame constr., 2-story, shingle exter. and rf., steam htg. sys., hardw. fls. aut. water htr., colonial mantels, 5 tile baths, hardw. and O. P. trim; garage with servants' quarters in rear.

SCHOOLS

Figures to be Taken Next Month.
SCHOOL Cost, $800,000
SAN FRANCISCO, N Fell St. bet. Franklin St. and Van Ness Ave. (High School of Commerce).
Three-story reinforced concrete high school (terra cotta exterior, composition roof).
Owner—City and County of San Francisco.
Architect—John Reid Jr., 1st National Bank Bldg., San Francisco.
Bids are now being received for the steel and cast iron work which is estimated to cost $90,000.

Plans Being Figured—Blds Close Oct. 16, 7:30 p. m.
SCHOOL Cost, $15,000
FLORIN, Sacramento Co., Cal.
One-story frame and stucco school.
Owner — Florin School District, W. Lloyd Landsborough, clerk.
Architect — Woollett and Lamb, Mull Bldg., Sacramento, Calif.
Segregated bids are wanted as follows: (1) general work; (2) mechanical work; (3) combination bid of divisions of work; (4) alternate blds.
See call for bids under official proposal section in this issue.

Contracts Awarded.
CONVENT Cost, $70,000
SAN FRANCISCO, Green St., between Steiner and Pierce Streets.
Two-story reinforced concrete parochial school and convent (St. Vincent de Paul Church).
Owner—Roman Catholic Archbishop of San Francisco.
Architect — Shea and Shea, Chronicle Bldg., San Francisco.
General contract awarded to T. B. Goodwin 2245 Filbert St. at $60,000.
Heating and plumbing to Scott Co., 243 Minna St.

Contracts Awarded.
SCHOOL Cost—
SANTA ROSA, Sonoma Co., Cal., Fremont school site.
Reinforced concrete school building.
Owner—Santa Rosa Grammar School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General contract to Hannah Bros., 142 Sansome St., S. F., $77,486.
Electrical work to Campbell Const. Co. Sacramento, $4200.
Plumbing to W. H. Picard, 5656 College Ave., Oakland, $7398.
Heating and ventilating to W. H. Picard, Oakland (on Prop. 1 & 3, oil burner), $10,504.
Painting to D. K. Hawley, Santa Rosa $3031.
Slate blackboards to O'Connor Furniture Co., Santa Rosa, $2813.20.
Shades—Bids rejected, new bids to be called.
Cork linoleum—Bids under advisement.

Low Bidders.
ADDITION Cost, $582
LINCOLN, Placer Co., Cal.
One-story frame addition to gymnasium.
Owner—Lincoln High School District
Architect—Woollett & Lamb, Mull Bld. Sacramento.
Low Bidder—A. A. Petticord, Lincoln

Contract Awarded.
ADDITIONS Cost, $150,00
PALO ALTO, Santa Clara Co., Cal.
One-story frame and stucco addition to school bldgs. (main gymnasium bldg., boys' gymnasium, wing, classrooms and lecture hall, addition to manual training bldg bleachers).
Owner—Palo Alto Union High School District.
Architect—Birge Clark, 600 Embarcadero Road, Palo Alto.
Excavating, concrete work and carpentry work to John Madsen, 619 Fulton, Palo Alto, $40,472.
Plumbing to Cashel Bros., 200 Hornet Palo Alto, $7950.
Heating and ventilating to Leonard Frazee, 699 36th St., Oakland, $8391
Steel lockers to Waterhouse & Wilcox Co., S. F.
Plastering to John Madsen, $9500.
Sheet metal work to Christensen and Anderson, $1150.
Tile roofing to United Materials co S. F., $2750.
Composition roofing to Malott and Peterson, 242 Harrison St., San Francisco, $1095.
Blackboards to Western States Seating Co., 133 Kearny St., S. F., $620.30
Electrical work to M. E. Ryan, San Francisco, $3348.
Hardware to San Jose Hardware Co $2342.
Painting bids rejected, new bids to be received Oct. 13, 1923, 7:30 p. m.

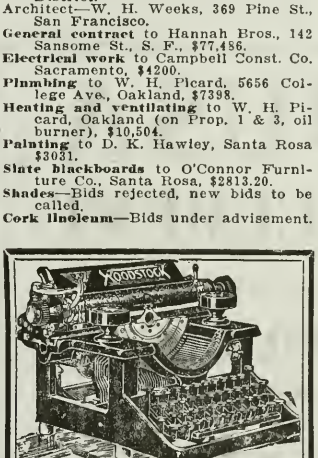
ANDERSON VALLEY, Mendocino Co Cal.—Bids were opened on Septembe 27th, by the Board of Trustees of the Anderson Valley High School District for the construction of a one-story present school building. Plans were prepared by Architect Norman R. Coulter, 46 Kearny street, San Francisco The contract was awarded to Peter Jensen, Healdsburg, P. O. Box 237.

Following is a complete list of the bids received:
Pete Jensen, bid 1, $28,655; 2, $31,165
Joe Piasecki, bid 1, $28,790; 2, $32,900
Myrl R. Crane, bid 1, $28,864; 2, $34,868
Cochrane, Grant & Boehm, bid 1, $—; 2, $35,519.

RICHMOND, Contra Costa Co., Cal.—Until Oct. 12, 10 a. m., blds will be rec by W. T. Helms, secy. Board of Education, Lincoln School Bldg., to paint doors, window sashes, etc., of certain school buildings. Plans obtainable from J. T. Narbett, architect, 906 Macdonald Ave., Richmond.

WHITTIER, Los Angeles Co., Cal.—The general contract for erecting an addition to the Whittier hospital will be done on a percentage basis, Mr. Parker of Pasadena, superintendent. The electrical work will also be done on percentage basis by J. B. Morgan of Pasadena. Contracts awarded were: Painting to Alhambra Wall Paper & Paint Co. at $3800; plumbing to Munger & Munger at $8497; elevators to Otis Elevator Co. at $3410; heating to Munger & Munger at $7503; Allison & Allison, 1405 Hibernian Bldg., are the architects.

KING'S ORIENTAL STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut r e u t or buy a Woodstock, the machine that cuts the best stencil

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

PASADENA, L. A. Co., Cal.—W. C. Crowell, 440 Security Bldg., Pasadena, has a contract to erect a $150,000 3-story reinforced concrete bldg. (the third unit of the Norman Bridge physics laboratory) at the California Institute of Technology, California and Wilson Sts., Pasadena. Bertram Goodrue, New York, archt. Found., 57x128 ft., stucco exter., cast stone panels, iron grilles and railings, skylights, tile and hardwood fls., marble toilet partitions, hot water system, air compressors, fan room, elevator.

WILMINGTON, L. A. Co., Cal.—Sordal & Mayson, Long Beach, were low bidders at $70,739 on general contract for erecting a new school bldg. at Fries Ave. school site, Wilmington. Low bidders on the other contracts were: E. W. Crowell on plumbing at $6574; J. Hokum on heating at $7121, H. H. Mann on painting at $3880; and H. H. Walker on wiring at $3033. The appropriation was $110,000.

SAUSALITO, Marin Co., Cal.—A. H. Pritchard, Mill Valley, at $2346 awarded contract by Sausalito school trustees to install lavatory fixtures in South school. Harry Booth, Larkspur, awarded contract to shingle (asbestos) south side of roof of South school.

LOS ANGELES, Cal.—Anton Johnson Co., Union Bank Bldg., has been awarded the general contract at $81,365 for erecting a new building at Sherman school site; Homer W. Glidden, architect. Other contracts were awarded as follows: Plumbing to E. W. Crowell at $5815; heating to Thos. Haverty Co. at $7049; painting to H. H. Mann at $1984; and wiring to Newbery Electric Corp. at $3025.

SACRAMENTO—Until Oct. 15, 5 p. m. bids will be rec. by Chas. C. Hughes, secy. Board of Education, to fur. and lay 700 sq. yds., more or less, B grade and of light Battleship linoleum, plain brown in color, Armstrong, Gold Seal or equal, for wood floors in old Sutter school at 21st and L Streets. Cert. chk. 10% payable to Board of Education req. Spec. and further information obtainable from secy.

LOS ANGELES, Cal.—J. B. Harris, 4928 W Pico St., was low bidder at $61,154 on Bid No. 1 on gen. contr. for erecting a gymnasium at manual arts high school. Wm. Stacko was low on bids Nos. 2 and 3 at $59,500 and $63,500, respectively. Low bidders on other contracts were: Ashworth & Gallop on plumbing at $3875; J. Hokom on heating at $8833; Paul B. Johnson on painting at $1700; and H. H. Walker on wiring at $1690.

LOS ANGELES, Cal.—Archt. Mott M. Marston, 507 Douglas Bldg., is preparing plans for an 8-unit grammar school bldg. to be erected at the Lockwood school site on Lockwood school site on Lockwood St. for the Board of Education. Brick walls, 2-story and part basement, comp. rfg., maple and conc. fls., press. brick, metal lath, conc. corridor and stair constr.; $64,000.

DENAIR, Stanislaus Co., Cal.—Until Oct. 18, 5 P. M., bids will be rec. by H. O Perry, Clerk, Denair High School District, for furnishing material to be used in the construction of the high school shop, involving approximately 10,000 ft. lumber and 81 sacks of cement. Further particulars and blanks for bidding obtainable from clerk.

PALO ALTO, Santa Clara Co., Cal.—Until Oct. 15, 7:30 p. m., bids will be rec. by Walter H. Nichols, clerk, Palo Alto Union High School District, for painting additions to high school, bids for which were rejected a short time ago. Cert. check 10% payable to clerk req. Specifications obtainable from Birge M. Clark, architect, 600 Embarcadero Rd., Palo Alto.

BETHANY, Contra Costa Co., Cal.—Until Oct. 13, 1 p. m., bids will be rec. by Mrs. Lillian Monroe, clerk, Mountain House School District, to erect new school. C. C. Ekenberg, architect, Tracy, Calif. Cert. check 10% payable to clerk req. with each bid. Plans obtainable from clerk on deposit of $10, returnable in 10 days.

TRANQUILLITY, Fresno Co., Cal.—W. J. Jennings, Fresno, awarded cont. District to erect one-story school bus auto garage. Ernest J. Kump Co., architects, Rowell Bldg., Fresno.

LOS ANGELES, Cal.—Until 9 a. m., Oct. 17, bids will be received by the board of education for erecting a new auditorium and classroom bldg. at Polytechnic high school site; Morgan, Walls & Morgan, archts. The appropriation is $340,000. Bids will be taken separately on the general contract, plumbing, heating, painting and wiring. The bldg. will be 3-story, and will contain 24 classrooms and an auditorium to seat 2000 people; dimensions, 316x160 ft.; brick constr., plas. exter., cast stone trim, comp. rfg., steel sash, pine trim, reinf. conc. corridor fls. and stairways.

ARCATA, Humboldt Co., Cal.—A. Brizard, Inc., Arcata, at $11,000 awarded contract to install heating system for Arcata Union High School. Contract to erect structure to house plant awarded to O. B. Aekerman, Eureka, at $4,655. Will be of brick and concrete construction.

LOS ANGELES, Cal.—W. E. Luther, San Fernando, was awarded the general contract at $51,588 for erecting a new school bldg. at Lankershim; H. M. Patterson, 325 O. T. Johnson Bldg., architect. Other contracts were awarded as follows: Plumbing to Johnson Plbg. & Heating Co. at $3100; heating to J. Hokom at $5908; painting to H. M. Mann at $1280; and wiring to Tujunga Electric Co. at $1900.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., has been commissioned by the board of education to prepare plans and spec. for gymnasium bldgs. to be erected at Van Nuys, San Fernando and San Pedro high school site. The bldgs. will cost about $50,000 each.

LOS ANGELES, Cal.—The board of education has authorized its architectural dept. to prepare plans and spec. for a 12-unit school bldg. to be erected at Virginia Road school site. E. L. Ellingwood has been appointed heating engineer; cost, $84,000.

LOS ANGELES, Cal—Callahan, Schilling & Brown, San Fernando Bldg., were awarded the general contract at $55,888 for erecting a new school bldg. at 59th St. school site. Other contracts were awarded as follows: Plumbing to G. C. Sutton at $6100; heating to J. Hokom at $6019; painting to Winvick Decorating Co. at $1362.16; and wiring to H. H. Walker at $2892.

SAN FRANCISCO—J. Greenback, 180 Jessie St., at $6425 submits low bid to Bd. Pub. Wks. for alterations to Yerba Buena school. Other bids were: Wm. Bruce, $7650; Jas. F. Smith, $10,800.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

LOS ANGELES, Cal.—The board of education has authorized its architectural department to prepare plans and spec. for a new school bldg. to be erected at Ivanhoe school site at a cost of $64,000. E. L. Ellingwood is the heating engineer.

LOS ANGELES, Cal.—The board of education has authorized its architectural department to prepare plans and spec. for a 12-unit school bldg. to be erected at Solano Ave. school site. D. S. Reynolds has been appointed heating engineer; cost $84,000.

LOS ANGELES, Cal.—J. F. Kobler, 301 N Ardmore Ave., was awarded the general contract at $62,885 for erecting a new school bldg. at Sawtelle. Other contracts were awarded as follows: Plumbing to G. C. Sutton at $5900; heating to Western Engr.-Constr Co. at $6549; painting to Winvock Decorating Co. at $1391.84; and wiring to H. H. Walker at $2825.

SAN LEANDRO, Alameda Co., Cal.—Until Oct. 15, 2:30 P. M., bids will be rec. by Chas. A. Jeffery, Clerk, San Leandro School District, for fur. one or more portable schools. Cert. check 10% payable to clerk req. **See call for bids under official proposal section in this issue.**

BANKS, STORES & OFFICES

Contract Awarded—Work Started.
STORE BLDG. Cost, $50,000
STOCKTON, San Joaquin Co., Cal., 339 E-Main St.
One-story class A reinf. concrete store bldg. designed for a 5-story structure.
Owner—M. Friedberger & Co., 327 E-Main St., Stockton.
Contractor — Thos. Lewis & Henry Green, 705 Yosemite, Stockton.
Early next year 4 additional stories will be erected for offices, which will make the total cost $125,000.

Sub-Figures Being Taken—Contracts Awarded.
OFFICE BLDG. Cost ,$135,000
BERKELEY, SW Telegraph Ave. and Channing Way.
Five-story and basement class C Physicians office bldg.
Owner—The Lurie Co., 318 Montgomery St., San Francisco.
Architect — O'Brien Bros., 318 Montgomery St., San Francisco.
Contractor — Bay Constr. Co., 412 Madison St., Oakland.
Iron work awarded to Schrader Iron Works, 1247 Harrison St., S. F.
Elevator to Van Emon Elev. Co.

Contract Awarded.
STORE Cost, $8000
OAKLAND, Broadway nr. College Ave.
One-story brick store.
Owner—Mrs. May Meyers.
Architect—Miller & Warnecke, Perry Bldg., Oakland.
Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland.

Plans To Be Prepared.
BANK & OFFICE Cost, $100,000
BERKELEY, Alameda Co., Cal., Telegraph Ave. & Durant St.
Class C bank and office building.
Owner—Bank of Italy.
Architect—H. A. Minton, 550 Montgomery St., San Francisco.

Contract Awarded.
STORE & LOFT Cost, $12,208
OAKLAND, Alameda Co., Cal., 14th St. near Webster.
Two-story reinforced concrete store and loft bldg.
Owner—Robt. F. Fitzgerald.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.

Plans Being Prepared.
STORE BLDG. Cost, $30,000
SAN MATEO, San Mateo Co., Cal. 3rd Ave. and B Sts.
One-story reinforced concrete store bldg. (7 stores) designed for a 2nd story.
Owner—Geo. Balovich.
Architect & Constr. Engr.—Mitchell-Jackson Co., 170 2nd St., San Mateo.

Contract Awarded.
ALTERATIONS Cost, $30,000
OAKLAND, 1215 Washington St.
Alterations.
Owner—Lesser Bros.
Contractor—S. Kulchar, 8th Ave. and E 10th St., Oakland.

Completing Plans.
BANK BLDG. Cost, $100,000
VENTURA, Ventura Co., Cal.
One-story reinforced concrete bank building.
Owner—Bank of Italy.
Architect—H. A. Minton, 550 Montgomery, San Francisco.
Construction Mgr. — Wm. Cuneo, 550 Montgomery St., S. F.

Completing Plans—Grading Bids To Be Taken Shortly.
BANK & OFFICE Cost, $100,000
OAKLAND, College & Shafter Aves.
Two-story reinforced concrete bank & office building.
Owner—Bank of Italy.
Architect — H. A. Minton, 550 Montgomery St., San Francisco.
All bids will be taken by Wm. Cuneo 550 Montgomery St., S. F., construction manager for the bank.

Contract Awarded.
STORE BLDG. Cost, $10,000
SAN FRANCISCO. SE Cabrillo Street and Sixth Avenue.
One-story frame store building.
Owner—F. P. Monohan.
Architect and Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $10,000
OAKLAND, N 17th St. 200 W Telegraph Ave.
Alterations.
Owner—H. Lorenzen and A. T. Baker, 416 13th St., Oakland.
Contractor — S. J. Bertelsen, Dalziel Bldg., Oakland.

Plans Being Figured.
STORE & LOFT Cost, $15,000
OAKLAND, Alameda Co., Cal., 14th St. near Webster.
Two-story reinforced concrete store and loft bldg.
Owner—Robt. F. Fitzgerald.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Figures are being taken for a general contract.

Contract Awarded.
STORES & LOFT Cost, $25,000
OAKLAND, NE 15th & Franklin.
2-story concrete and tile stores and loft building.
Owner—H. C. Holmes, 2735 Elmwood Oakland.
Contractor—M. P. Brasch, 392 17th St., Oakland.

Plans Being Prepared.
STORE BLDG. Cost, $8,500
TRACY, San Joaquin Co., Cal.
One-story brick store building.
Owner—Withheld.
Architect—Ralph P. Morrell, 41 S-Sutter St., Stockton.

CULVER CITY, Cal.—See "Hotels," this issue.

LOS ANGELES, Cal.—Architect Chas. F. Plummer, 1108 Story Bldg., is completing plans for three-story and basement Class A general market building to be erected at the southwest corner of Seventh St. and Union Ave., for Youngs Market. It will contain quarters for the main offices of the owners together with their central market, bakery and shipping department. Steel frame construction, brick filler walls, 150x140 ft., granite columns on street fronts. Bedford stone facing above, reinforced concrete floors and roof slabs, plate glass, metal store fronts, marble and tile work, terrazzo floor on 1st floor, freight and passenger elevators, steam heating, refrigerating system; $500,000. C. A. Edwards, Pacific Mutual Bldg., has the contract for excavating. Bids are being taken for granite work. The plans will be out for general contract bids in about 2 weeks.

LOS ANGELES, Cal.—Stanton, Reed & Hibbard, 622 Metropolitan Bldg., have completed plans and will build a two-story brick store and office building at 621 S. Flower St., for A. H. Wallace; dimensions, 50x150 ft., brick walls, pressed brick, facing, plate glass, composition roofing, metal skylights, metal frames and sash, pine trim, heating. Cost, $45,000.

THEATRES

Contractor Taking Sub-Figures.
ALTERATIONS Cost, $50,000
OAKLAND, Alameda Co., Cal. 12th & Broadway (Pantages Theatre).
Extensive alterations to theatre to be known as "Lurie Theatre"
Owner—Louis R. Lurie, 318 Montgomery St., San Francisco.
Contractor, Vukicevich & Bagge, 815 Bryant St., San Francisco.

Plans Being Figured.
PICTURE STUDIO Cost, $15,000
SAN FRANCISCO, 9th and Sheridan.
One-story reinforced concrete moving picture studio.
Owner—Withheld.
Architect — Dodge A. Reidy, Pacific Bldg., San Francisco.

LONG BEACH, Cal.—Morris & Morgan, 536 Rose Ave., Long Beach, have the contract to erect a $35,000 2-story brick store and theatre bldg. on Anaheim Rd. near Gaviota Ave., Long Beach. Plans by Harry Genser, Hibernian Bldg., Los Angeles. Found. 50x30 ft., 2 stores with 2 apts. above.

ORANGE, Orange Co., Cal.—Arthur Hesse, 1117 Hollingsworth Bldg., has prepared sketches for a class A theater bldg., to be erected at Orange, for G. G. Richards, of Orange. It will have a seating capacity of about 1200 people, and will be of reinf. concr. and brick constr., terra cotta or art stone facing; $100,000.

WHARVES AND DOCKS

RICHMOND, Contra Costa Co., Cal.—Missouri Paint and Varnish Co., at $1198 awarded contract by city council to waterproof municipal warehouse at city terminal.

LOS ANGELES, Cal.—David P. Fleming, secy and gen. mgr of the Wilmington Transportation Co., announces that the Catalina ship terminal docks will Additional steamship service is planned

LOS ANGELES, Cal.—O. B. Kibele, mgr. of the local plant of the Bethlehem Shipbuilding Corp., states that work of enlarging the dry-dock at the local plant will start at once. The new dock will be 525 ft. long, 90 ft. wide, and 27 ft. deep on the keel blocks. In addition, there will be built a 15,000-ton floating dry dock.

SAN DIEGO, Cal.—City council appropriates $50,000 from harbor bond funds to carry on the work of pier construction.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract To Be Awarded.
PUB. PLANT BLDG. Cost, $582,750
SAN FRANCISCO, Mission, 5th, Minna and Mary Sts.
Three-story and basement reinforced concrete publishing plant bldg.
Owner—Chronicle Publishing Co.
Architect—Weeks & Day 318 Montgomery St., San Francisco.
Engineer—Leland & Haley.
Contractor—K. E. Parker Co., Clunie Bldg.
The contract will be awarded on Prop. No. 2 (a guaranteed fee, cost plus basis). The Clinton Construction submitted the lowest bid on Prop. No. 1, (lump sum basis).

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE. WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

Plans Being Prepared.
R.R. TERMINAL. Cost, $350,000
SACRAMENTO, Calif., block bounded by 11th, 12th, H and I Sts.
Two-story fireproof railroad terminal.
Owner—Building corporation to be organized by San Francisco capitalists.
Architect — Woollett and Lamb, Mull Bldg., Sacramento.

The terminal will be used by the 3 electric railways operating in Sacramento. The proposed plans have been informally approved by the Sacramento City Commissioners. The details of the project wese made public by President George F. Dietrich of the Sacramento Northern Railroad company, through the John A. Clecak, Inc., realty firm, John A. Cleak laying the plans before the city council. The plans tentatively approved by the council call for a two-story station in the middle of the north half of the block, to be used by the Sacramento Northern, Central California Traction Company and the San Francisco-Sacramento Railroad Company. The first floor of the structure will be 100 by 56 feet, and the second floor 100 by 76 feet, space reserved for tracks reducing the floor space of the first floor. Tracks will run from Eleventh to Twelfth streets behind the station. The alley between H and I sts. will be widened to a full width, to be known as Terminal way, and will be deeded to the city. The new station will face on Terminal way and tracks running from both side streets will make a circle from east to west behind the station. Later two store buildings one on each side of the station, will be erected. Their size will depend on the number of tenants obtained. Approximately $350,000 will be expended in acquiring the land and constructing the terminal.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco.

D-834—Portland, Ore. Manufacturers' representatives desire connection with manufacturers of San Francisco, seeking distribution in Portland.

D-836—New York, N. Y. Importer of Persian Rugs and carpets desires to get in touch with firms dealing in Oriental rugs.

D-838—Des Moines, Iowa. Manufacturers of new built-in-wall seat and table, recently patented, desires to sell manufacturing and selling rights to responsible party.

D-839 — San Francisco. Gentleman, experienced salesman and organizer, who is going East shortly desires to act as manufacturers agent for San Francisco firms.

D-840—Los Angeles, Calif. Los Angeles salesman desires connection with San Francisco manufacturer for distribution of merchandise Southern California. Wants to specialize on one line. Capable volume business.

D-845—Reno, Nevada. Party desires to get in touch with hardware companies. Will purchase in carload lots.

7506—Hong Kong, China. Quotations wanted on one hundred tons wire shorts.

7507—United Kingdom. Firm desires a market in the United States for finished granite memorials.

7508—Cuscutta, India. British firm is desirous of appointing an agent in San Francisco for the sale of myrobalans, saltpetre, shellac, bone manure, manganese ore, groundnut, linseed, mustard seed, poppy seed, castor seed, kapok, jute, gunny bags, hessian cloth.

7510—El Paso, Texas. Firm which specializes in obtaining Mexican properties, such as mines, oil lands, ranches farms, timber land, and agricultural lands for colonization and is equipped to handle all legal matters according to Mexican laws, desires to communicate with interested parties.

7512—Berlin, Germany. Manufacturing firm desires to appoint an agent for the Pacific Coast for the sale of radio sets and equipment.

7514 — Brussels, Belgium. Connections wanted in San Francisco for the sale of Simili plate glass made in Belgium.

7518 — Melbourne, Australia. Firm wishes to act as selling agents in Australia for manufacturers of radio and wireless equipment.

7520 — Ammendorf, Germany. Manufacturers want an active and reliable representative for the sale of their bakers machinery and equipment.

7521 — Hautabampo, Sonora, Mexico. Party desires to get in touch with a San Francisco firm which could supply machines for hauling and pressing castor beans, and can-making machinery.

7524 — Sydney, Australia. Importers and jobbers, giving excellent San Francisco references, desire to market specialties in Australia for California manufacturers.

7528 — San Francisco, Cal. Foreign trade executive, with three years experience in South America, possessing thorough knowledge of languages, customs, and business practices of Latin America, desires position with San Francisco house. Excellent references.

7529—San Francisco, Cal. Man with long experience as salesman and credit man, is going to settle permanently in Mexico, and wants one or two strong accounts from San Francisco firms. References.

7530—San Francisco, Cal. Gentleman, experienced in sale of building materials, is leaving shortly for Japan and will accept a limited number of noncompeting lines from San Francisco manufacturers.

LEADS FOR BUSINESS

STORE—Hub Dept. Store, 1029 Market St., will open about Nov. 1st.
Gay Flower Shop south side of Sutter St. near Taylor St., new.
Commercial Drayage Co. will move to 150 Front St. very soon.
Bonwit's Cloak & Suit House to occupy ground floor of Phelan Bldg.
Pioneer Rubber Co. will move from 60 Sacramento St. to Sacramento St. near Battery.
James A. Gorman, California Fig (orchards) Orchards moved from Monadnock Bldg. to Rm. 966 Phelan Building.
Rightway Upholstering & Furniture Mfg. Co., 2600 Geary St., new. See Benjamin Rosenthal, 687 8th Avenue.
Golden Gate Ferry Co. moved from 522 Underwood Bldg.
The Minute Men Of The West, 502 Monadnock Bldg., new. See Geo. F. Owens, Atty.
Wm Wagnon to remodel Rivoli Theatre to stores and lofts.
Capitol Theatre to be operated by Robert Rothchild Entertainment Corporation. Frank Newman, house mgr. Lurie leased S.E. Geary and Larkin for Market.
Tarkio Molasses Feed Co., Kansas City, Mo., have established a branch in S. F. bay region according to information received. Mr. Love will be representative of Co. and is expected in S. F. within a week or two.
Mr. Gray, attorney, now at 354 Pine Street moving to Hearst Bldg. about October 1.
M. A. Sheldon, 110 Sutter Street, Rm. 510 moving to 950 Monadnock Bldg.
R. W. Gills, 972 Monadnock Bldg. artist, new.
Radio Press, 825 Harrison St., new.
Eclipse Plumbing & Supply Co., 661 Folsom Street, new.
P. H. Reardon, Machinery & Supplies moved from 57 1st street to 661 Folsom Street.
Boldeman Chocolate Company to move from 521 Brannan Street to new bldg much larger quarters about Nov. 15.
Goodyear Tire & Rubber Co. moving from 1583 Mission Street to new building on Townsend Street between 5th and 6th streets, about Dec. 15th.
Nate Levy moving from Hearst Building to Chronicle Building.
Nuccoa Butter Co. new plant at Mariposa, between Bryant and Florida Streets.
Blaauw-Hipple-Blaauw Adv. Agency moving to third floor Flat Iron Bldg.
The American Press Association enlarge offices at 58 Sutter Street.
Dever Garrity Co. & Keys Bindert Consolidate under name Dever, Garrity & Keys Co., 515 Howard Street.
McKay Mfg. Co., manufacturers of "Auto-Pas" Safety Light located at 17th and Missouri Streets, new.
A. McKie Donnan Advertising Agency, Room 412 Mechanics Institute Bldg., 57 Post St., new.
A. R. Hunt and Erie E. Kreka, new. Office in the Underwood Bldg., 525 Market St.
The Harold Wurts Advertising Agency moved from 546 Monadnock Bldg. to Rm. 1033 Same Bldg.
The Albert Frank Co. of New York will establish offices in S. F. Chaflce Gore & Lloyd B. Meyer will be in charge.
The Gravure Publishing Co. moved from Pacific Bldg to 419 Sutter St.
Koesel's Trunk Factory, 579 Geary leasing store corner Geary and Polk.
Levene's Fine Arts Shop, 331 Sutter, to open another store 51 Stockton.
Restaurant, The Empress now furnishing at 645 Larkin.

LEASES—June 4, 1923—Ralph Brown to Stone-Ryals Electric Co, SE Natoma 122-6 SW Mary SW 25xSE 70 100v 381 5 years, $5100.
Sept. 27, 1923—M. J. Getz to Charles Greenclade, E Larkin bet. Eddy and Ellis No. 626 Larkin St., 5 years, $12,000.
Sept. 26, 1923—George S. Hoover to John A. and May Goodenow Ness, Sacramento St., bet. Hyde and Leavenworth Sts. No. 1474 Sacramento St., St. Charles Apts, 5 years, $48,000.
Sept. 28, 1923—William H. Degan to Tong Sang, 2924 Sacramento St., 10 years, $55 per month.
Sept. 21, 1923—John S. Bryan and Mercantile Trust Co. of California, trs. estate Sarah A. Bryan, decd., to Jennie I. and Margaret M. Gray, SE Geary and Hyde E 68-6xS 97-6, 10 years, $177,000.
Oct. 1, 1923—Pacific States Savings & Loan Co. to Sol and Morris Riskin, E Kearny bet. California and Pine No. 414 Kearny St., 30 months, $3000.

ASSIGNMENT OF LEASE—Sept. 28, 1923—Anton Shula to William Eltringham, 618 o r 422 NE Cor. Fillmore and Sacramento Sts., No. 2200 Fillmore St.

LEASES—Oct. 1, 1923, Arrola B. and Bessie Kickashear to Albert E. and Marie A. Kerr, SW McAllister & Lyon Sts. Nos. 1903 & 1905 McAllister St. and No. 651 Lyon St. 60 mos. $7500.
Oct. 1, 1923, Catherine Fanning to Frank Borone, 1478 Church St. 5 yrs $20 month.
Sept. 21, 1923, C. Moosman to Peter Raffa, 2981 Diamond St. 2 yrs with privilege of 3 yrs more $10 mo. etc.
Sept. 19, 1923, Mary F. Mullen to Gerda H. Callinan, NW cor. Jones and Antonio No. 439 Jones St. 5 yrs $30.960.

ASSIGNMENT OF LEASES—Sept. 26, 1923, Charles J. and Myrtle Willrader to Paul W. and Jessie Kubischek, S Eddy 37-6 E Hyde E 25 x S 87-6 50v 285.
Oct. 1, '23, C. J. Hinze, Rose M. Hinze and J. G. Gracia to Joseph Wolking, 111 o r 41 N Ellis 120-6 W Larkin W 57-6 x N 120.

CIGAR STAND—Bouquet Cohn to open stand NW Bush and Kearny.

WOOLENS—Blumberg & Co. Call Bldg. to 330 Mission November 1.

FLOOR WAX—Excelsior Chemical Co. to manufacture floor wax and polish at 426 Bryant.

MATTRESS FACTORY—E. J. Rising to occupy mattress factory now building 8th and Beron.

PHONOGRAPH — Brunswick Phonograph Co., 767 Mission have leased from Walter Sullivan the 4-story building being erected on N Mission E of 6th next to White Lunch Commissory.

BAKERY—Jack Martin to build adjoining present plant. Double present area 480 8th.

FILMS—Levitt Photo Film Developing Co. to NW Cor. 10th and Natoma.

MILLINERY—Mrs. Clements new store 508 Sutter nearly ready.

PLAYWRITERS—J. B. Comedy Playwirters (Jake Bradley, Baldwin Vale) 465 Geary.

BEVERAGES—Lang & Farrari (Bohemian Cocktail Co.) to 440 Bryant.

BAKERS—Wm. Ortheber buying Majestic Bakery 3109 24th October 8.

RESTAURANT — Menoret & Gebhardt to buy Pacific Auto Club Restaurant 1311 Sutter, October 18.

BOARDING HOUSE — 139 5th Ave. to change ownership October 6.

SHOPS — Elevated Shops Building, Powell and O'Farrell soon ready.

LEASES—TO Geneva St. Ledger Inverness Apts., 1651 Larkin.
To Ida M. Epstine, Hotel Barcourt, 1101-1129 Larkin.
To Clarence and Wm. O. Stahl, 732 Chenery for candy store andgrocery.

STORE—S. W. Taylor and Eddy leased to Shumates Pharmacies, Inc.

FLOORS—Bonded Floors Co., 245 Mission, moving to 370 2nd St., Oct. 1.

MANUFACTURER — Insulex Products Co., 116 New Montgomery.

TRIMMINGS — Hirschberg, Schutz & Co., 821 Market.

ARCHITECT—Martin A. Sheldon, from 110 Sutter St. to 950 Monadnock Bldg.

FURNITURE MFRS—See leases this issue.

LEASE—Sept. 15, 1923, Jerome S. J. Bettman, Emma S. Owens and Milnat Realty Company to J. C. Bach; W. Fillmore 131-6 S Geary S 57 x W 100 and property on W N O'Farrell 100 W Fillmore W 55 N 137-6 E 17-6 N 6 E 37-6 S 143-6 to N O'Farrell & pt of beg. 15 years $750 per mo. etc.
Sept. 28, 1923, Lucie Marchebout to Toy Wing, W Grant Ave. bet. Pacific & Broadway No. 1132 Grant Ave.
Hotel Lison 5 years $165 per mo.
F. H. Harder Mfg. Co., 1366 Mission St. (furniture manufacturers) have leased 3-story building on SE mission bet. 11th and 12th Sts. for a period of 10 years. To be used for manufacturing and sales rooms.

ASSIGNMENT OF LEASES—Sept. 28, 1923, Lillie Chapin to Herbert Chamberlin, 482 o r 331 No. 729 Hyde St Hyde Apts. 5 years $15,840.
Oct. 1, 1923, Louise Murphy to Lucie Marchebout, 429 o r 359 W Grant Ave bet. Pacific and Broadway.
Dr. Frank Simpson, 2446 Channing Way Berkeley, has leased from Louis R. Lurie a five-story office building being erected on SE Telegraph Ave. and Channing Way, Berkeley., to be known as the "Physicians Building" 100 offices.

Trade Extension School Is Plan Of Stockton Builders' Exchange

"At no time in history has there been such a demand for skill, quality and general efficiency in the building industry as at present," says Secretary Karl Perkins of the Stockton Builders' Exchange.

"While we may be equal in degree, to meet the exigencies of today, what of the future?

"What is being done to supplant the retiring members of the building craft?

"The vocational training and trade extension schools appear the very best short cut, practical solution and should receive the united recognition and support of the community.

"The prejudice against trade schools —and there has been such prejudice— has been that such schools put theory above practice and turned out 'mechanics on paper' who become completely lost when they got into the thick of the work on the job.

"Any school which, with necessarily limited quarters, claims to be able to take an untrained, inexperienced person and make a thoroughly equipped mechanic out of him in a few short months, is claiming something that a practical man in the industries knows to be an impossibility.

Trade Extension Work

"Why would not it be an advisable thing to work toward a system of practical trade-extension instruction by which the workers could be classified and the experienced mechanic, who has learned the trade in the past, given the things which he lacks, the more scientific methods which the industry has evolved since the time he learned his trade, and the learner and apprentice given the necessary preparatory and supplemental training to perfect himself in what ever grade or year he belongs, that every step he takes may be along the latest approved and scientific, and therefore the most economic line, thus producing a finished and efficient mechanic?

"Such a system of trade extension work would undoubtedly receive the enthusiastic support of employers in shops and on construction work and no intelligent mechanic could reasonably oppose it.

'Should a system of trade-extension work expand until a comprehensive and thoroughly organized institution for the teaching of it becomes a reality, I am sure it will be welcomed and supported by the building industry of not only this city but the entire country as well.

Skilled Immigrants

"According to a recent report issued by the Department of Labor, 307,522 male immigrants were admitted to this country during the fiscal year ending June 30 last. Of this number 12,305 were carpenters; 2550 were painters and glaziers; 1197 were plumbers; 3276 were masons; 521 were stone cutters; 512 were sheet metal workers; and 83,552 were common laborers. This will be welcome news for contractors, but when it is remembered that there was a shortage of practically 65,000 carpenters in 1920 as compared with 1910 it becomes evident at once that the number of foreign workmen coming to this country will never enable up to catch up with the shortage, even if the immigration laws should be made more liberal. The only hope then lies within the industry iteself, and again we urge that contractors not only take a more active interest in the problem of apprenticeship training, but insist that the building trades be taught in every public school of the country. A prominent educator recently made a statement that educational standards are rapidly changing and he made the prediction that courses of instruction ten years hence would be vastly different from what they are today. Contractors here is your opportunity, as the transition is being made during the next few years insist that the proper training of apprentices in your industry be given the recognition that rightfully belongs to it.

Training In Boston

"Boston papers are loud in their praise of the apprenticeship system which has been worked out in that city by the Builders' Exchange and Master Builders' Associations. Under the plan which is now in operation courses in the majority of the 26 trades are being offered. The Boston Transcript has the following to say about the plan:

"It is provided that anybody desiring to enter a trade as an apprentice shall apply to the craft committee of that particular trade. If he passes the inspection of the joint apprenticeship committee he is regularly enrolled, given an identification book and assigned to an employer with the understanding that he is to be paid for the time he works and for the time he spends in school.

"The apprenticeship consists of six periods of six months each, following the six months' probatinary period. Regular examinations are held at the end of each period and a diploma awarded when the term is ended. During the first six months the apprentice is paid 32 per cent of the journeyman's wage, and it gradually rises until at the end of three years he is getting 62 per cent of the full wage.

"It is provided that apprentices may be transferred from one employer to another in order to give all-round experience, and they remain throughout the period under the control of the craft committee which can remove them if they are not doing proper work."

The Stockton Builders' Exchange has had the apprenticeship system under consideration for some time, and in the immediate future definite steps will be taken to follow out some of the theories of trade schools. It will be through the builders' exchanges, and through them only, that the serious question of the shortage of skilled labor which now confronts the building industry will be relieved. This is only one of the vital questions affecting building which the exchange has undertaken to solve and is making rapid progress to that end.

Official Proposals

BIDS WANTED FOR CONSTRUCTING SUBWAY

NOTICE TO CONTRACTORS

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, October, 2, 1923.

Sealed proposals or bids will be received at this office at or prior to **2 o'clock p. m., Thursday, October 25, 1923,** for furnishing materials and constructing the Subway under the Ferry Loop, on the waterfront of the City and County of San Francisco, in accordance with plans and specifications prepared therefor by the Chief Engineer of the Board and adopted by the Board September 6, 1923, and on file in this office to which special reference is hereby made.

The work to be done under these specifications consists in removing such portions of abandoned existing structures as are within the lines and which will interfere with the construction of the new work, furnishing all necessary materials (except Portland cement, which will be furnished to the Contractor by the Board), labor, tools, machinery and equipment for the construction of a Subway under the Ferry Loop.

The materials to be used in this work shall consist of the requisite quantities of Portland cement, fine concrete aggregate, coarse concrete aggregate, steel reinforcement, castings, structural steel, waterproofing materials, Douglas fir lumber, green piles, etc. Portland cement will be furnished to the Contractor by the Board. All other materials shown on the plans or called for in these specifications shall be furnished by the Contractor. All materials used must be of the best of their respective kinds if not especially specified herein. All materials used in the structure will be subjected to a rigid examination and test, and if found defective, under size, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the Contractor at his expense. Materials may be rejected at any time for defects which may be disclosed, or which may develop in the course of the work, notwithstanding any previous test or inspection, and removed by the Contractor as indicated above.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damage for such failure and neglect, dan shall be paid into the San Francisco Harbor Improvement Fund.

The contractor shall be required to give a bond unto the Board of State Harbor Commissioners for not less than one-half of the total amount payable by the terms of the contract, with a corporation, thereunto duly authorized by law and commonly known as a surety company, as surety (such surety company to be one of those approved by the State Board of Control, a list of these approved surety companies being on file in the office of the Secretary), and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof. Said bond shall also provide that if the contractor, person, company or corporation to whom said contract is awarded, fails to pay for any materials or supplies furnished for the performance of the work contracted to be done or for any work or labor done thereon of any kind, said surety will pay the same in an amount not exceeding the sum specified in said bond; and said bond shall also be made to inure to the benefits of material men, mechanic and laborers as provided by that certain act of the Legislature of the State of California, approved May 1, 1911 (Stats. 1911, p. 1422). Said bond must be acceptable to and approved by said Board both as to surety and form.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary, Room No. 17, Union depot and Ferry House, at or prior to 2 o'clock p. m., on Thursday, October 25, 1923, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications for this work to be had at Room 18, Union Depot and Ferry House, upon depositing $20.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid "Bid for Constructing the Subway under the Ferry Loop."

CHAS. H. SPEAR,
JOHN B. SANFORD,
M. F. COCHRANE,
Board of State Harbor Commissioners.
FRANK G. WHITE,
Chief Engineer.
J. L. PHELPS, Secretary.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on October 29, 1923,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Trinity County, between two miles south of Weaverville and Tom Long Gulch (II-Tri-20-A & B), about eleven and one-tenth (11.1) miles in length, to be surfaced with gravel or broken stone.

Monterey County, across Salinas River at Nacimiento Station (V-Mon-2-D), floor repairs for a bridge composed of twenty-seven 19 foot timber trestle spans and four 150 foot steel truss spans

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: October 1, 1923.

BIDS WANTED

(Colusa Union High School District)

The Trustees of the Colusa Union High School will receive bids for one 14"x8' Carroll Lathe No. 95, and Tools for same.

Specifications can be had from the Clerk of the Board.

Bids will be received **up to 8 o'clock P. M., October 10th** at which time they will be opened at the office of the Board, Colusa High School building, Colusa, California.

Colusa, Calif., September 25th, 1923.
H. JACOBSON,
Clerk

NOTICE TO BIDDERS

(Portable Schools—San Leandro School District)

Notice is hereby given that the Board of Trustees of the San Leandro School District of Alameda County, California, hereby calls for bids for the construction to said District of one or more Portable School Buildings. Said buildings above mentioned to be constructed according to plans and specifications heretofore adopted by this Board and now on file in the office of the Clerk, to which reference is hereby made for further particulars. The bid must be accompanied by a certified check payable to the order of the Clerk of this Board in the amount of ten per cent (10%) of said bid. All bids must be delivered to the Clerk of this Board, in the Lincoln School on Hepburn Street between Clark and Carpentier Streets, San Leandro, **on or before Monday, October 15, 1923,, at the hour of 2:30 P. M.**

All bids will be opened by said Board at its office, located as stated above on October 15th, at 2:35 P. M.

The Board reserves the right to reject any and all bids in part or in the whole.

By order of the Board of Trustees.
Dated Sept. 27, 1923.
CHAS. A. JEFFERY, Clerk.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rates 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 3-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO BIDDERS

Sealed proposals will be received by the Board of Supervisors of Solano County **up to eleven o'clock A. M. on Mondy, October 8th, 1923**, for furnishing and installing in the County Hospital ready for operation, one "American" Kinyoun-Francis Steam and Formaldehyde Disinfector (size 30 inches wide, 42 inches high and 84 inches long.)

Bids should be addressed to the Clerk of said Board, Fairfield, California. The Board reserves the right to reject any or all bids.

G. G. HALLIDAY, Clerk.

BIDS WANTED FOR STATE HIGHWAY

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., October 22, 1923**, at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Siskiyou County, between Hornbrook and Yreka (II-Sis-3-C), construction of about 32.340 lineal feet guard rail.

Plans may be seen and forms of proposals, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: September 24, 1923.

NOTICE TO BIDDERS

(Florin Grammar School District)

The Board of Trustees, of the Florin School District, Sacramento County, will receive sealed proposals **at or before 7:30 P. M., Tuesday, October 16th,** at the Florin Grammar School, Florin, California, at which time and place bids will be opened, and read in public, for furnishing the labor and material for erecting and completing the proposed school building to be erected in Florin, Sacramento County, California, in accordance with the plans and specifications prepared by Woollett & Lamb, Architects, 99 Mull Building, Sacramento, Calif

Bids will be received separately for the following classes of work:

1. General Architectural and Structural work.
2. Mechanical work.
3. A combination bid of divisions of the work.
4. Alternate bids.

All bids must be accompanied by a certified check or Bidder's bond for 10% or more of the amount of the proposal, and made payable to the Board of Trustees, of Florin School District. In case this proposal in whole or in part is accepted, and the bidder fails to enter into contract for the performance of said work or give an acceptable surety bond in the sum of 50% of the amount of the contract to secure the faithful performance thereof, within fifteen days after such acceptance, then this certified check will be forfeited and retained by the Board of Trustees of the Florin School District as liquidated damages for failure to carry out this proposal. Such contract and bond shall be in such form and of such contents as shall be satisfactory to the Board of Trustees of the Florin School District.

All bids to be made out on forms furnished by the Architects.

Plans and specifications may be obtained from Woollett & Lamb, Architects, 99 Mull Building, Sacramento, California.

A deposit of $10.00 will be required from all contractors receiving plans, said deposit to be refunded when plans and specifications are returned in good condition.

The Board of Trustees of the Florin School District reserves the right to reject any and all bids and to waive any informality in any bids received.

By order of the Board of Trustees of the Florin School District, Florin, California.

By W. LLOYD LANDSBOROUGH,
Clerk.

Dated September 27th, 1923.

NOTICE TO BIDDERS

(Fire Equipment—City of Stockton)

Notice is hereby given that sealed proposals are hereby invited to be delivered at the office of the City Clerk of the City of Stockton in the Annex to "The Stockton," Stockton, California, **up to and including the 22nd day of October, 1923, at the hour of 5 o'clock P. M.,** for the furnishing to the City of Stockton of the following fire apparatus:

(1) One seventy-five-foot tractor drawn aerial ladder truck;

(2) Two triple Combination motor drawn, 1000 gal. capacity pumps;

(3) One combination City Service Motor Truck.

The proposal of each bidder should be for all or any part of the above described apparatus and should state the price of each unit of said apparatus The details of the construction of each of the above named pieces of apparatus should be fu nished by the bidder in conjunction with his bid.

The contract for the furnishing of said apparatus in whole or in part shall be executed within ten days after the award thereof shall have become final.

Each successful bidder for all or any part of said apparatus is required to give bonds for the faithful performance of any contract awarded to him in the sum of $500.00.

All proposals must be accompanied by a check, certified by responsible bank, payable to the order of the City Clerk, or by coin of the United States, for an amount not less than ten per cent of the aggregate of the amount specified by the bidder as the amount he is willing to sell all or any part of the said apparatus for, and no proposal shall be considered unless accompanied by such check or coin.

In the event that any person, firm or corporation to whom a contract pursuant hereto may be awarded, fails, neglects or refuses to enter into a contract to furnish and deliver said apparatus, or any part hereof, as herein provided, then the certified check, and the amount therein mentioned, or the coin, accompanying the bid of said person, firm or corporation shall be declared to be forfeited to said City as liquidated damages.

The City Council reserves the right to reject any or all bids for said apparatus, and reserves the right to accept the bid upon any one or more of said articles in case it should decide to reject the bid of any one or more of said articles.

Dated: October 2nd, 1923.

A. L. BANKS.
City Clerk.

By N. FREEL, Deputy.

DEFINITION OF HORSE POWER

The horse power of a boiler is often spoken of, but the term is a loose one, without any definite significance because the horse power that can be realized from a boiler depends to a very great extent on the engine that is used to develop the power, and again how hard the boiler is forced. The centennial commission adopted, as the definition of a horse power (when that expression is used in connection with a boiler), the "evaporation of 30 pounds of water per hour, when the temperature of the feed water is 100 degrees F. and the pressure of the steam is 70 pounds per square inch, as read from the gauge."

TO CONSIDER STANDARD ESTIMATING FORM

The Long Beach Builders' Exchange at is next regular meeting will consider a standard estimating form which has been prepared by a committee composed of Harold Ketchum, E. K. Beekly and Floyd Beswick. The exchange has moved into new quarters at 814 American Ave., Long Beach. Karl L. Ludwick is secretary of the organization.

VUKICEVICH & BAGGE OPEN NEW QUARTERS

Employees and friends of the contracting firm of Vukicevich & Bagge, attended the opening of the new yards and offices at 815 Bryant street, Saturday afternoon, September 29.

The opening started with a few short talks on the growth and development of the company's business and the need for larger offices and storage quarters for materials and equipment.

Among those who attended the opening were: Chas. Monson, Steve Guerin, Howard S. Williams, Harry Gaetjen, Freddie Roth and other members of the Builders' Exchange.

An elaborate luncheon was served and according to those attending the affiair the "trimmings" came often and in abundance.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912,

OF BUILDING AND ENGINEERING NEWS, published weekly at San Francisco, Cal. for Oct. 1, 1923.

State of California, City and County of San Francisco, ss.

Before me, a Notary Public in and for the State and county aforesaid, personally appeared E. J. Cardinal and J. I. Stark, who, having duly sworn according to law, deposes and says that they are the Publishers and Owners of the Building and Engineering News, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

Publisher, E. J. Cardinal, 665 19th Ave., San Francisco, and J. I. Stark, 1188 Fulton St., San Francisco.

Editor, E. J. Cardinal, 665 19th Ave., San Francisco.

Managing Editor, J. P. Farrell, 350 Brannan St., San Francisco.

Business Managers, E. J. Cardinal and J. I. Stark.

2. That the owners are:

E. J. Cardinal, 665 19th Ave., San Francisco.

J. I. Stark, 1188 Fulton St., San Francisco.

(As Mercury Press) a copartnership, 818 Mission St., San Francisco.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: None.

E. J. CARDINAL, Editor.

Sworn to and subscribed before me this 29th day of Sept., 1923.

(SEAL) CHALMER MUNDAY.
(My commission expires Oct. 18, 1925)

Engineering News Section

BRIDGES

SAN DIEGO, Cal.—Council plans to const. 24-in. double strength conc. pipe culvert, 231 ft. long, across block 51. Olmstead & Law's addition to provide additional drainage of storm waters in the vicinity of 28th and C Sts.

MONTEREY COUNTY, Calif. — Following bids rec. by State Highway Comm., Forum Bldg., Sacramento, Oct. 1, to const. bridge in Monterey county, over San Lorenzo creek near King City, 240-ft. long, and 21-ft. wide, bet. curbs, consisting of 3 60-ft. and 2 30-ft. rein. conc. girder spans supported on piers and bents, together with approx. ¼-mi. of approaches to be graded, involv. 2900 cu. yds. roadway embankment, 585 cu. yds. class A and 470 cu. yds. class C Port. cem. conc.

deWaard & Cobham, San Diego	$34,456.90
West Coast Constr. Co., S. F.	39,491.75
R. A. Garnett, Los Angeles	41,730.00
J. N. Kistich	49,070.00
Engineer's Estimate	35,605.00

CALIFORNIA—Following bids rec. by State Highway Comm., Forum Bldg. Sacramento, Oct. 1, to paint bridges in San Joaquin, Stanislaus and Glenn counties:

J. H. Mohr & Son, S. F.	$6470.50
Jenkins & Elton, Sacto.	6588.00
D. E. Burgess	10,144
Engineer's estimate	8224.00

STOCKTON, San Joaquin Co., Cal. — Jenkins and Elton, 3650 Y St., Sacramento, at $10,442 submits low bid to county supervisors to const. Gawne road bridges. Other bids: C. J. Nystedt, $13,000; Shutes and Zinck $10,940; Jas. R. Johnson, $11,550; Frederickson Bros. $10,624; C. W. Wood, $11,965. H. Ohm, $11,311. Taken under advisement. F. E. Quail, county surveyor.

LOS ANGELES, Cal. — Merccreau Bridge and Constr. Co., 313 N Ave. 22, submitted low bid to supervisors at (1) $18,102 to const. culverts and fill on Long Beach Blvd., at Sta. 165 plus 5-. Other bids were: International construction Co., 201 Hollywood Security Bank Bldg.—(1) $20,000; (2) 85c; (3) $26; (4) 5c; (5) $28. Frank H. Greene—(1) $22,380; (2) 40c and 60c; (3) 35c; (4) 6c; (5) $50. S. M. Kerns—(1) $22,-800; (2) 75c; (3) $25; (4) 8c; (5) $30.

MONTEREY COUNTY, Calif.—Until Oct. 29, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to repair bridge across Salinas river at Nacimiento Station. Work consists of floor repairs for bridge composed of 27 19-ft. timber trestle pans and 4 150-ft. steel truss spans. R. M. Morton, state highway engineer. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—Following bids rec. by county supervisors to const. rein. conc. bridge on King road over Penitencia creek: Chas. S. Collins, $1755; McCombs and Lomax, $1810. Surveyor's estimate, $1370. Bids rejected and new bids ordered received up to Nov. 5, 11 a. m. Spec. obtainable from Henry A. Pfister, county clerk.

STOCKTON, San Joaquin Co., Cal.—Frederickson Bros., at $5493 awarded cont. by supervisors to const. McKinley Ave. bridge over Walker slough.

HOLLISTER, San Benito Co., Cal. — A. J. McReynolds, 249 North 15th St., San Jose, at $1485 awarded cont. by county supervisors to const. rein. conc. culvert and cattle pass on Hollister and Cienega rd. at Watson Place in Supervisor Dist. No. 3. E. J. Sparling & Son, 708 Powell St., Hollister, only other bidder at $11,780.

SAN JOSE, Santa Clara Co., Cal. — Until Nov. 5, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const. rein. conc. culvert on Magdalena Ave. near Fremont Ave. in Supervisor District No. 5. Plans on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal.—Oct. 23 is date set by city council to vote bonds of $150,000 to finance bridge construction. Wm. Popp, city engineer.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SUTTER COUNTY, Calif.—State Reclamation Board, Forum Bldg., Sacramento, rejects bids rec. for excavate approx. 62,000 cu. yds. of earth in Poodle Creek district. John Phillips, Sacramento, low bidder at $.22 yd. Highest bid, four in all, was $.60 yd. Bids will be asked on revised plans involv. approx. 17,000 cu. ft. of earthwork, the bids to be opened about October 23.

LOS ANGELES, Cal.—Russell-Foell Co., 496 P. E. Bldg., submitted low bid to supervisors for fur. 20,000 tons or more riprap at $1.25 per ton, f. o. b. Declez quarry; $2.14 f. o. b. Baker Estate. Bly Bros. and McGilliard Stone Co. bid $1.30 f. o. b. quarry and $2.10 f. o. b. Baker Estate.

PASADENA, Cal.—Until 11:30 a. m., Oct. 27, bids will be rec. by city directors for excavating at the sewage treatment plant on the Pasadena city farm, involving moving of approx. 8000 cu. yds. earth. Spec. on file at office of the city engr., W. C. Earle. Bessie Chamberlain, city clerk. Cert. check 10%.

FRESNO, Fresno Co., Cal—City council votes $20,000 appropriation to finance city's share of cost for flood and sewer farm water drainage ditch from sewer farm to Fresno slough. The Fresno Irrigation District, which will handle construction, will pay $30,000 as its share of cost. Ditch will be 9-mi. in length and the reconstruction and widening of other ditches will bring cost to $50,000.

SANTA PAULA, Cal.—Until 10 a. m., Oct. 15, bids will be rec. by the Limoneira Co., Santa Paula, for excav. and backfill of approx. 15,212 lin. ft. of trench containing approx. 13,000 cu. yds. Cert. check 10%. V. M. Freeman, engr., Santa Paula.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

IRRIGATION PROJECTS

NEWHOPE, Cal.—The $160,000 bonds of the Newhopo Drainage Dist. carried at the recent election. E. R. Stillen, Garden Grove, is a member of the board and Head & Rutan are attys. for the dist. It is probable that bids for the work can be called within 60 days, as it is expected that the bonds will be sold within that time.

DEL MAR, Cal.—The $700,000 bond issue for taking over irrigation works already constructed by the Santa Fe Land Imp. Co. to serve 9000 acres carried at the recent election held in the Santa Fe Irrigation Dist. The project is being developed under the direction of the A. T. & S. F. Ry.

MACDOEL, Siskiyou Co., Cal.—Chas. Thompson and Heuser-Packard Co., 1130 Loew State Bldg., Los Angeles, awarded cont. by Butte Valley Irrigation District to construct canals and regulating works for the diversion of Butte and Antelope creeks and for the const. of approx. 21-mi. of Main Canals and 22 miles of small Laterals, 6 miles of drains, 120 turnouts, 35 checks, 30 culverts, 30 farm bridges and furnishings and installing 2 30-inch horizontal split case centrifugal pump units, electrically driven complete including 1100 feet 42 inch and 30 feet 30 inch diameter continuous wood stave discharge pipe and pump foundation and house. Bonds of $400,000 voted to finance the above work. The contract was awarded subject to an option given for the sale of bonds to J. R. Mason & Co., and the Anglo California Trust Co. E. O. Bissell is secy of the district.

LIGHTING SYSTEMS

CHINO, Cal.—Until 7:30 p. m., Oct. 16 bids will be rec. by city trustees to const. ornam. lighting system on portions of Sixth St., D St. and Riverside Dr. Des. No. 87. Paul E. Kressly, H. W. Hellman Bldg., Los Angeles, engr.

LOS ANGELES, Cal.—Until 11 a. m., Oct. 15, bids will be rec. by supervisors for street lighting system (32 ornam. standards) in Southgate Lighting Dist.

MACHINERY & EQUIPMENT

AUBURN, Placer Co., Cal.—Until Oct. 15, 7:30 p. m., bids will be rec. by Claire P. Tuttle, secy. Placer Union High School District, for fur. auto bus; carrying capacity of 40 pupils. Bids may be submitted on bus as a whole or separately for chassis on the bid. Cert. check 10% req. Further information obtainable from secretary.

COLUSA, Colusa Co., Cal.—Until Oct. 10, 8 p. m., bids will be rec. by H. Jacobson, clerk Colusa Union High School District, for fur. and del. one 14-in. by 8-ft. Carroll lathe No. 95 with tools for same. Further information obtainable from clerk. **See call for bids under official proposal section in this issue.**

RIVERSIDE, Cal. — Until 10 a. m., Oct. 8, bids will be rec. by county purchasing agent for (1) one 10-ton gasoline motor driven road roller; (2) one gasoline motor driven truck complete, equipped with draw bar pull, 5500 lbs; 3, 1 ¾-ton gasoline motor driven truck complete equipped with commercial body and designed for high speed when driven with light load; (4) one dump truck, gasoline motor driven, complete with cab windshield, 100 cu. ft. steel dump, body with horizontal hoist and elec. head and tail lights. W. L. Carlson, county purchasing agent.

SAN JOSE, Santa Clara Co., Cal. — Henry A. Pfister, county clerk, instructed to ask bids for fur. belt conveyor for use at Saratoga quarry.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 15, 11 a. m., bids will be rec.fi by Henry A. Pfister, county clk., for rubber belt conveyor for Saratoga Quarry, 20-in. wide, ⅛-in. outside rubber cover, 1/16-in. inside rubber cover 32-oz. duck. Cert. check 10% payable to clerk req.

DURHAM, Butte Co., Cal.—Until Oct. 12, 2 p. m., bids will be rec. by Minnie E. Colm, clerk, Durham Grammar School District, for fur. two 12-ft. school busses, mounted on Ford chassis (chassis not included in bid), bus body to be similar to one now in use, to have glass siding windows replacing curtains. Further information obtainable from clerk.

RAILROADS

SAN FRANCISCO—U. S. Steel Products Co., Rialto Bldg., at approx. $48,000 snbmits only bid to Bd. Pnb. Wks. for furnishing and delivering track materials for Municipal Railway system.

BAKERSFIELD, Kern Co., Cal.—So. Pac. Ry. will expend approx. $250,000 on the construction of a 20-mi. line, bet. Delano in Kern county and Tipton in Tulare county, according to a statement by J. H. Dyer, gen. mgr., G. W. Boschke, chief engr.

FIRE ALARM SYSTEMS

SACRAMENTO, Cal.—Butte Elec. & Mfg. Co., 534 Folsom St., San Francisco, at $2250 submits low bid to county supervisors to install burglar alarm in county treasurer's office. American Bank Protection Co. only other bidder at $3400. Taken under advisement.

FIRE EQUIPMENT

STOCKTON, San Joaquin Co., Cal.—Until Oct. 22, 5 p. m., bids will be rec. by A. L. Banks, city clerk, for fur. and del.

(1) one 75-ft. tractor drawn aerial ladder truck;

(2) two tripple comb. motor drawn, 1000-gal. capacity pumps;

(3) one comb. city service motor truck.

Cert. check 10% payable to city clerk req. **See call for bids under official proposal section in this issue.**

MODESTO, Stanislaus Co., Cal.—Bids rec. by city council to fur. and del. 5000 ft. 2½-in. double jacket, rubber lined fire hose, 50-ft. lengths. Stand. Pacific Coast Thread, have been taken under advisement. Blds were submitted by Turner Hardware Co., United Rubber Co. and American Rubber Manufacturing Co.

RESERVOIRS AND DAMS

TUCSON, Ariz.—Julius Kruttschnitt, Jr., reports that the Richardson Constr Co., Van Nuys Bldg., Los Angeles is starting construction of a dam project across the Yaqui river at Limones. Cost of the work, $2,000,000. The entire irrigation project which the company proposes, and for which a concession has been secured from the Mexican government, will irrigate 890,000 acres of land, and cost approx. $14,000,000. The project, according to the agreement with the government, must be completed within 10 years.

PIPE LINES, WELLS, ETC.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 9, bids will be rec. by dept. of public service, 207 S Bdwy., for standard dipped bell and spigot cast iron water pipe. Spec. 691-A Jas. P. Vroman, secy.

SEWAGE DISPOSAL PLANTS

SAN JOSE, Santa Clara Co., Cal. — Oct. 23 is date set by city council to vote bonds of $400,000 to finance construction of sewage disposal system. J. J. Lynch, city clerk and Wm. Popp, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 22, bids will be rec. by Bd. Pub Wks. for pneumatic sewage ejector system for the south plant of the Hyperion sewage treatment plant. Spec. on file at office of city engr., 405 s. city hall annex. Cert. check or bond 10%, and affidavit of non-collusion. H. B. Ferris, secy.

MISCELLANEOUS CONSTRUCTION

MARYSVILLE, Yuba Co., Cal.—City Manager J. O. Wanzer authorized to secure plans and specifications for incinerator; est. cost $12,000 to $15,000. Funds for this project have been provided in the budget. W. M. Meek is city engineer.

LOS ANGELES, Cal.—Southern California Gas Co., 950 S Broadway, Los Angeles applies to State Railroad Commission for authority to issue $2,500,000 bonds, a portion of which will finance construction of a gas holder of 10,000,000 cu. ft. capacity.

SAN FRANCISCO—Until Oct. 25, 2 p. m., bids will be rec .by State Board of Harbor Commissioners, Ferry Bldg., to const. subway under Ferry Loop at ft. of Market St., total est. cost $425,000. Will provide tunnel 22-ft. wide and 13-ft. high with two traffic paths. Construction will be of reinforced concrete with some steel construction. Frank G. White, ch. eng. for commission, Ferry Bldg. **See call for bids under official proposal section in this issue.**

SACRAMENTO, Cal.—City Eng. Albert Givan has prepared prellminary plans for a subway at Second and R Sts., est. cost $60,000.

WATER WORKS

HUNTINGTON PARK, Cal—Byron Jackson Pump Mfg. Co., Los Angeles, awarded contr. by city trustees at $1159 for fur,. booster pump to city water dept.

VALLEJO, Solano Co., Cal.—Basing the decision on a revised estimate of the cost of the Gordon Valley Water Project, submitted by Chief Engineer C. E. Grunsky, Mechanics' Institute Bldg., San Francisco, Mayor Arthur Draughton has informed the city council that further work on the projects would leave the city with $250,000 deficit and that other propositions within reach of the city's finances would be presented to the council for consideration and inspection within a few days. Figures recently submitted to Mayor Draughton by Grunsky place the total expense, not including cost of lands, water rights and rights of way, at $1,048,250. The city's bond issue, passed more than two years ago is for $1,250,000, leaving a balance of $201,750 to cover all of these costs. Of this sum $144,000 has already been expended and only $57,750 remains. Draughton estimates expenses, not included in the above, at $300,000 leaving a deficit of $250,000.

OCEANSIDE, Cal.—A bond issue of $80,000 voted here to finance const. of water system.

SANTA CRUZ, Santa Cruz Co., Cal.—M. M. O'Shaughnessy, City Engineer of San Francisco, has been selected by the city council to act as consulting engineer on the Santa Cruz municipal water project for which bonds were recently voted. Mr. O'Shaughnessy will be paid $2,500 a year for his work.

LOS ANGELES, Cal.—Oscar L. Nobles has applied to the Railroad Commission for permit to operate domestic water system on portion of the Lankershim Ranch Land and Water Company subdivision, Los Angeles county.

TUJUNGA, Cal.—Haines Canyon Water Company, engaged in distribution of water for domestic and other purposes in and about the unincorporated town of Tujunga, Los Angeles county, has applied to the Railroad Commission for permission to increase its bonded indebtedness from $30,000 to $250,000, for the purpose of financing additions and extensions to its plants and property and retiring outstanding indebtedness.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 6, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to construct water tower and tank at San Joaquin county general hospital. Plans obtainable from office of clerk.

PLAYGROUNDS AND PARKS

FRESNO, Cal. — City council takes under advisement bid of Calif. Rd. and St. Imp. Co., Fresno, $1775, to const. two tennis courts in Roeding Park.

CHICO, Butte Co., Cal.—See "Streets and Sewers," this issue. Tennis court bids.

SEWERS & STREET WORK

MARYSVILLE, Yuba Co., Cal.—City Eng. W. M .Meek completing spec. to pave 3rd St., bet. C & E streets. J. O. Wanzer, city manager.

ENGINEERING, INDUSTRIAL, TECHNICAL & SCIENTIFIC BOOKS
TECHNICAL BOOK COMPANY
Mills Building -- San Francisco
Phone Garfield 19
REPRESENTING
D. Van Nostrand Co., John Wiley & Sons, Inc, J. B. Lippincott Co., Longmans, Green & Co.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. Junction Valencia
24 VAN NESS AVENUE Near Market
Phone Market 8926

LOMPOC, Cal.—$300,000 Harris-Lompoc road bond issue failed to carry at election Sept. 26.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, adopts Ord. of Itention to acquire certain property to open and extend Bond St. bet. 55th and 64th Aves.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Oct. 11, 9 a. m. bids will be rec. by S. A. Evans, city clerk, to imp. portions of California Ave., grade; pave with 5-in. conc.; const. conc. curbs; 8 conc. catchbasins; vit. clay pipe sewers; part circle corru. metal culverts with conc. base. 1911 Act. Cert. check 10% payable to city req.

GLENDALE, Cal.—Chas. Thompson and the Heuser-Packard Co., 1130 State Bldg., Los Angeles, awarded cont. at $215,786 to imp. Colorado St., bet. east and west city limits (National paving surface).

Chas. Thompson and Heuser-Packard Co. Co. awarded cont. at $188,658 to imp. Sycamore Canyon Rd. (National pavement).

SAN JOSE, Santa Clara Co., Cal. — Until Oct. 9, 7:30 p. m., bids will be rec. by Walter L .Bachrodt, secy. Bd. of Education to pave 24th St. adjacent to school property. Spec. obtainable from City Eng. Wm. Popp.

POMONA, Cal.—Until 12 m., Oct. 19, bids will be rec. by council to imp. Central Ave., bet. San Antonio Ave. and east city limits: grade and pave with 5-in. macad., const. cobblestone curbs; 1911 act. T. R. Trotter, city clk.

CHICO, Butte Co., Cal.—W. J. Shalz, Chico, low bidder on prices ranging from $1320 to $2435, to construct three cement tennis courts at high school. Bids vary according to type of fencing, etc. Two other bids were submitted, the prices ranging from $3656 to $4375 and $3644 to $4190.

SAN JOSE, Santa Clara Co., Cal. — Until Nov. 5, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. McKean rd. in Supervisor District No. 4. Plans obtainable from clerk.

TRINITY COUNTY, Calif. — Until Oct. 29, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to surface with gravel or broken stone, 11.1 mi. in Trinity county bet. 2-mi. south of Weaverville and Tom Long Gulch. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

COMPTON, Cal.—J. M. Derenia, 237 W 83rd St., awarded cont. by city trustees to const. vit. sewers in Arbutus Terebinth and other sts., involv. 5037 ft. 6-in. hse. sewers 55c ft.; 17,398 ft. 8-in. main sewer pipe 77c ft.; 1717 ft. 12-in. main $1 ft.; 12 flush tanks $125 ea; 54 manholes and junction chambers $65 ea.; also awarded cont. to const. vit. pipe sewers in Willow St. and Broadway involv. 1694 ft. 8-in. vit. main sewer 79c ft; 2 flush tanks $130 ea; 6 manholes $65 each.

MARYSVILLE, Yuba Co., Cal.—Hemstreet and Bell, Marysville, only bidders, at $2.70 cu. yd. awarded cont. by supervisors to gravel 1½-mi of Jewett-Mills road in Linda township.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Alice St., bet. 2nd and 7th Sts., involv. const. of sewers, catchbasins, manholes, conduits, wye branches, slant and drop connections, remov. present manholes etc. 1911 Act. Protests Oct. 18. W. W. Harmon, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Oct. 23 is date set by city council to vote bonds of $100,000 to finance separation of grades at West Santa Clara street and S. P. right of way. J. J. Lynch, city clerk and Wm. Popp, city engineer.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. 12th St., bet. Market and Kirkham Sts. involv. grading; const. curbs and gutters; reset existing granite curbs; pave, const. sewers, manholes, catchbasins, and conduit. 1911 Act. Protests Oct. 18. W. W. Harmon, city eng.

LOS ANGELES, Cal. — Hall-Johnson Co., P. O. Box 51, Lynwood, submitted low bid to supervisors at $12,609 to imp. Pacific Blvd. involv. 2534 cu. yds. excav. 60c yd; 8608 sq. yds. shaping roadbed 10c yd; 8608 sq. yds. concrete pavement $1.05 yd; 4760 lin. ft. conc. curtain wall 25c ft.

AZUSA, Cal. — City votes bonds of $75,000 for street paving. Approx. 17 mi. of streets are to be improved.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., submitted low bid to supervisors at $22,165 to imp. east portion of Pacific Blvd., bet. Huntington Park city limits and Vernon city limits under County Imp. No. 54, .57 mi., involv. 11,668 sq. ft. removing existing walk 3c ft.; 2883 ft. removing existing curb 10c ft.; 2559 cu. yds. excav. 65c yd.; 22,685 sq. ft. walk 20c ft.; 2862 ft. curb 55c ft.; 6839 sq. ft. gutter 28c ft.; 5020 sq. yds. conc. pavement, $2.14 yd; catchbasins $200; 22,400 sq. ft. oil and screenings roadway 4c ft.

Geo. H. Oswald low bidder at $21,568 to imp. west portion of Pacific Blvd. bet. Huntington Park city limits and Vernon city limits, .54 mi. under County Imp. No. 55 ,involv. 11,905 sq. ft. removing walks, 3c ft.; 2946 ft. removing curb 10c ft.; 3033 cu. yds. excav. 75c yd; 22,418 sq. ft. walk 20c ft.; 2930 ft. curb 55c ft.; 6480 sq. ft. gutter 28c ft; 4744 sq. yds. conc. pavement $2.14 yd; catchbasin $100; 19,600 sq. ft. oil and screen roadway 4c ft.

MARYSVILLE, Yuba Co., Cal.—Valley Concrete Pipe Co., at $3.85 ft. awarded contract by city council to furnish 450 ft. 24-in. sewer pipe, Oakland Sewer Const. Co. only other bidder at $4 ft.

STOCKTON, San Joaquin Co., Cal.—C. W. Wood, Manteca, at $10,496 submits low bid to county supervisors to grade and gravel Bellota road. Cy Moreing, Stockton, only other bidder at $12,652. Taken under advisement. F. E. Quail, county surveyor.

STOCKTON, San Joaquin Co., Cal. — Cy Moreing, Commercial Savings Bank Bldg., Stockton, at $10,031.50 submits low bid to county supervisors to grade and gravel Lammersville road. Other bids were: Irey and Holden, $10,212.40; Isbell Construction Co., $13,128; C. W. Wood, $10,727.48. Taken under advisement. F. E. Quail, county surveyor.

SAN LUIS OBISPO, Cal.—City council orders plans prepared to imp. Santa Rosa St., bet. Monterey and Sycamore Sts.; curb, pave and const. of walks.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., awarded cont. by supervisors at $29,678 to pave bet. tracks of San Diego Electric Ry. on Adama Ave in Normal Hts., from the city limits to Kensington Park bridge, involv. 115,926.9 sq. ft. 5-in. conc. base with 1½-in. asph. conc. wearing surface at 25.6c ft. San Diego Electric Ity. Co bid 25.9c ft or $30,025.

PETALUMA, Sonoma Co., Cal. — E. Grove has been appointed city engineer of Petaluma, succeeding N. S. Frost, resigned.

SAN JOSE, Santa Clara Co., Cal. — A. J. Raisch, 46 Kearny St., San Francisco, awarded cont. by council to imp. 24th St., bet. Santa Clara and San Antonio Sts., involv. grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 1 br. manhole; 2 br. catchbasins.

LOS ANGELES, Cal. — Fewel-Webb Co., Box 308 Culver City, submitted low bid to Bd. Pub. Wks. at $1.30 for furnishing 700 tons sand for Sec. No. 3 of North Outfall Sewer. Conaumera Rock & Gravel Co. bid $1.50 ton; Union Rock. $2.75 ton (conditional upon award of contr. for crushed rock, broken stone, or water worn pebbles).

L. A. Pressed Brick Co., Frost Bldg., Los Angeles, only bidder for fur. 130,000 vit. brick for section No. 3 North Outfall Sewer. Delivery to start 30 days, to be completed in 90 days from date of notice.

Bids rec. for 270,000 sewer brick for Sec. No. 3 of North Outfall Sewer, were Santa Monica Brick Co., $20.25 per M; Simons Brick Co., $20.25 per M; Standard Brick Co., $20.25 per M; Western Brick Co., $20.25 per M. Terms of delivery on all bids: Start in 10 days, to be completed within 30 days.

Fewel-Webb Co., Box 308 Culver City submitted low bid at $1.70 ton for fur. 975 tons crushed rock, broken stone or water worn pebbles for Sec. No. 3 of North Outfall sewer. Consumers Rock & Gravel Co. bid $2.30 ton; Union Rock Co. bid $3.95 (conditional upon award of sand contr. for same work).

SISKIYOU COUNTY, Calif. — Until Oct. 22, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. approx 32,340 lin. ft. guard rail in Siskiyou county, bet. Hornbrook and Yreka. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal. — City council sets Oct. 23 as date to vote $1,000,000 bond issue for the construction of the Mulholland highway project between Cahuenga Pass and Calabasas.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 8th, bids will be rec. by Bd. Pub. Wks. to imp. Larchmont Blvd., betw. Beverly Blvd. and Melrose Ave., involv. 76,664 sq. ft. Warrenite-bitul. pavement; Vrooman Act.

BERKELEY, Alameda Co., Cal.—Until Oct. 16, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to const. 8-in. vit. sewer in San Pablo Ave., from existing sewer in Virginia Ave. to pt. 565 ft. southerly; br. manhole with c. i. curb and cover. 1911 Act. Cert. check 10% payable to city req. C. L. Huggins, city engineer.

ALAMEDA, Alameda Co., Cal.—Until Oct. 16, 8 p. m., bids will be rec. by W. E. Varcoe, city clerk, to const. rein. conc. retaining wall in Washington Park. Cert. check 10% req. Bond of 75% req. of successful bidder. Spec. obtainable from city clerk. Burnett Hamilton, city engineer.

BERKELEY, Alameda Co., Cal.—Until Oct. 16, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to imp. portions of Claremont Ave. by grading; const. conc. curb and gutter; pave with oil macadam. 1911 Act. Cert. check 10% payable to city req. C. L. Huggins, city engineer.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

PHOENIX, Ariz.—Until 2 p. m., Oct. 12, bids will be rec. by F. R. Goodman, state engr. to const. Yuma-Phoenix highway, federal aid project No. 55, Schedule 2, involv. approx. 5700 cu. yds. excav.; 4400 cu. yds. borrow; 14,700 cu. yds. surfacing; 160 cu. yds. struc. conc.

Separate bids to const Phoenix-Yuma highway, federal aid project No. 69, involving approx. 16,000 cu. yds. excav., 87,000 cu. yds. borrow, 38,000 cu. yds. gravel surfacing, 650 cu. yds. struc. conc. Cert. chk. 5%. Spec. obtainable from state engr. upon payment of $5.

PALO ALTO, Santa Clara Co., Cal. — City council orders construction of sidewalks in Churchill Ave., for its entire length; Embarcadero road to Walter Hays school; Melville Ave., bet. Alma and Bryant; Guinda St., betw. Hamilton and Forest Ave. J. F. Bxybee, Jr., city engineer.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. 4th St., bet. Jefferson and Market Sts., involv. grade; const. curbs and gutters and pave. 1911 Act. Protests Oct. 25. W. W. Harmon, city engineer.

23

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. 5th St., bet. Harrison and Oak Sts., involv. grade; const. curbs, gutters. 1911 Act. Protests Oct. 25. W. W. Harmon, city engineer.

28

ONTARIO, Cal.—Cox & Teget, 245 S Marguerta Ave., Alhambra, awarded cont. by city trustees at $4592 to const. vit. pipe sewer in a right of way, parallel to Sultana Ave., bet. Fourth St. and Euclid Ave., involving 8-in. pipe; brick manholes. C. S. Traphagen bid $4720.

FRESNO, Fresno Co., Cal.—California Const. Co., 58 2nd St., San Francisco, at $101,063.55 awarded cont. by county supervisors to const. final unit of Fowler-Laton highway; 5¼-mi. long known as Rt. 22, Sec. B of county highway system. Bid is $1749.45 lower than estimate of County Surveyor Chris P. Jensen.

NEWPORT BEACH, Cal.—Wells & Bressler, Santa Ana, awarded contract by city trustees at $50,395 to imp. Santa Ana Ave., and other sts., involv. 10,020 cu. yds. grading 4c sq. ft.; 23,238 sq. ft. 6-in. conc. paving incl. grading 29c ft.; 75,722 sq. ft. 8-in. conc. paving incl. grading 36.6c ft.; 1529 ft. curb 75c ft; 42 ornam. lighting posts $90 ea; 4693 ft ¾-in. conduit 55c ft.; 654 ft. 1¼-in. condit $1.13 ft.

PHOENIX, Ariz. — Plans are under way in the state legislature to finance the new state highway program by a $20,000,000 bond issue. Henry S. McCluskey, secy. to the governor, makes the announcement.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 15, 8 P. M., bids will be rec by J. J. Lynch, City Clerk, to imp. 4th St., bet. Empire and Jackson Sts., involv. grading; pave with 1½-in. Warrenite-Bitulithic wearing surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs and gutters. 1911 Act and Bond Act 1915. Cert. check 10% payable to city reg. Wm. Popp, city eng.

SANTA ANA, Cal.—Until 5 P. M., Oct. 15, bids will be rec. by city trustees to imp. W-5th St., bet. N. Baker St. and N. Artesia St., involv. 172,000 sq. ft. 7-in. concr. pavement with belt finish wearing surface; 2193 ft. curb; 26,670 sq. ft. regrading and laying with 6-in. cem. concr. pavement; 191 ft. 8-in. main sewer line; 300 ft. 6-in. main sewer; 1302 ft. 4-in. hse. sewers; 730 ft. 4-in hse sewers, concr. culvert, one manhole, lamphole; 1915 bond act. E. L. Vegeley, City Clk W. G Knox, city engineer.

STOCKTON, San Joaquin Co., Cal. — C. W. Wood, Manteca, at $10,496 awarded cont. by county supervisors to imp. Bellota road, approx. 11,578 ft. from Mormon slough bridge along south bank of Mormon slough and the Calaveras river.

Cy Moreing, Commercial Savings Bank Building, Stockton, at $10,031.10 awarded cont. to imp. Lammersville school road from state highway to school, approx. 9800 ft.

SAN FRANCISCO—Until Oct. 17, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Landers St., bet. 15th and 16th Sts., est. cost $4100 to be financed from Good Roads Funds. Project involves 520 lin. ft. conc. curb; 395 lin. ft. conc. wheel guard; 10,425 sq. ft. asph. conc. pave; 2680 sq. ft. art. stone walks.

Separate bids, same date, to imp. Hawes St., bet. Hudson and Innes aves., est. cost $3105 to be financed from Good Roads Funds. Project involves 476 lin. ft. granite curb; 425 sq. ft. art. stone walks; 17,300 sq. ft. asph. conc. pavement.

Plans obtainable from office of City Engineer, 3rd floor, city hall.

SAN FRANCISCO—Until Oct. 17, 3 p. m. bids will be rec. by Bd. Pub. Wks. to imp. Collingwood St., bet. 20th and 22nd Sts., and 21st and 22nd Sts., bet. Castro and Diamond Sts., est. cost $23,000 to be financed through Budget No. 50. Project involves 60,189 sq. ft. conc. pavement; 96 sq. ft. asph. conc. pavement on conc. base; 3843 lin. ft. conc. curb; 19,452 sq. ft. art. stone walks; 8 lin. ft. granite curb; 38 lin. ft. I.P.S. culvert; reset 4 catchbasins; reset 93 lin. ft. granite curb. Plans obtainable from City Engineers Office, 3rd floor, City Hall.

SAN JOSE, Santa Clara Co., Cal.—Until Oct. 15, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. following sts.:

Senter rd. bet. Keyes St. and pt. 1682.10 ft. south, involv. grade; pave with 2-in. asph. conc. surface on 3½-in. asph. conc. base; hyd. cem. conc. header wall.

26th St., bet. McKee rd. and San Antonio St.; McKee rd. from Coyote river to 26th St. and San Antonio rd. and San Fernando St., bet. 24th and 26th Sts., involv. const. of conc. storm sewer 7 br. manholes with c. i. curbs and covers.

6th St., bet. James and Jackson Sts., involv. grading; pave with 1½-in. asph conc. surface on 3-in. asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 4 br. catchbasins; 8-in. vit. pipe drains.

All under 1915 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

CHICO, Butte Co., Cal.—J. R Orendorff, Chico, awarded cont. by Bd. of Education to const. curbs, gutters, walks, culverts and pave streets at high school.

SAN FRANCISCO—Municipal Constr. Co., 112 Lyon St., at $5744 awarded cont. by Bd. Pub. Wks. to imp. Paris St., bet. Amazon and Italy Aves., involv 800 lin. ft. conc. curb, $1.08; 6000 sq. ft. asph. conc. pave, $.305; 10,000 sq. ft. conc. pave., $.305.

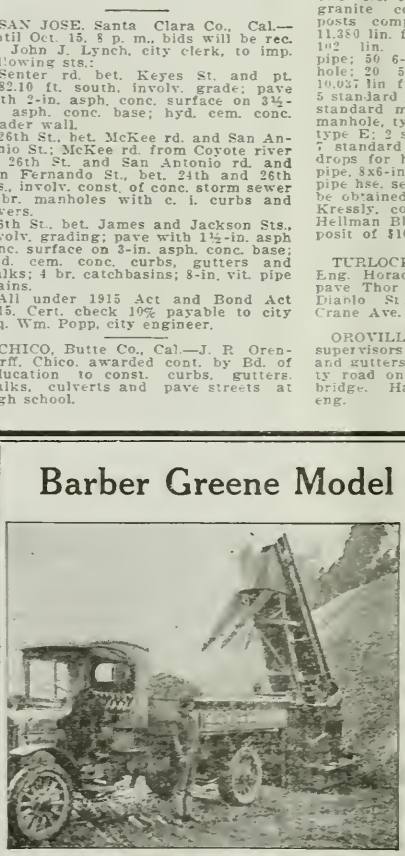
SANTA MONICA, Cal.—Kneen Paving Co., Dudley Blk., Santa Monica, awarded contr. by council to imp. Eighth St., bet. Central Ave. and Copeland Square, involv grading at 3.5c ft. 4-in. cem. concr. paving at 24c ft.; hse. sewers at $1.50 ft.; $5 ea. bringing manholes to grade. The approx. area of the improvement is 25,753 sq .ft.

NEWPORT BEACH, Cal.—Until 7:30 P. M., Oct. 29, bids will be rec. by City Clk. Alfgred Smith, to imp. Ocean Blvd and other streets, involv. 147,644 sq. ft. 6-in. clay and gravel surface, incl. grading; 16,680 sq. ft. 5-in. concr. pavement, incl grading; 152,080 sq. ft. 6-in. concr. pavement, incl. grading; 212,354 sq. ft. 8-in. concr. pavement, incl. grading; 20,200 lin. ft. concr. curb; 101,767 sq. ft. concr. sidewalk; 15,115 lin. ft. ¾-in. shearidized iron conduit, with one No. 6 lead covered cable; 1460 lin ft. 1½-in. sheridized iron conduit with two No. 6 lead covered cable; 104 granite concrete ornamental light posts compl.; 4 concr. bases compl. 11,380 lin. ft. 6-in. standard steel pipe; 102 lin. ft. 10-in. standard steel pipe; 50 6-in. gate valves with manhole; 20 5-in. fire hydrants compl.; 10,037 lin ft. 8-in. cem. pipe san. sewer, 5 standard junction chamber type A; 17 standard manholes, type D; 1 drop manhole, type C; 4 standard manholes, type E; 2 standard lampholes, type F; 7 standard flush tanks; 117 standard drops for house connections; 227 cem. pipe, 8x6-in. wyes; 855 lin. ft. 6-in. cem. pipe hse. sewers. Plans and spec. may be obtained from the office of Paul E. Kressly, consulting engr., 732 H W. Hellman Bldg., Los Angeles, upon deposit of $10. Cert. chk. or bond 10%.

TURLOCK, Stanislaus Co., Cal.—City Eng. Horace Hall completes spec. to pave Thor St. and its continuation Diablo St. from East Olive St. to Crane Ave.

OROVILLE, Butte Co. Cal.—County supervisors reject bids to const. curbs and gutters along Oroville-Pentz county road on Bridge Hill near Oroville bridge. Harry H. Hume, county rd. eng.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G·and E·

"PACIFIC SERVICE"

LOS ANGELES, Cal.—Following bids rec. by State Highway Comm., Forum Bldg., Sacramento, Oct. 1, to pave 0.2 mi. of highway in Los Angeles Co., bet. Santa Clara river and pt. 1/5 mi. east, involv. 600 cu. yds. embankment without classification; 350 cu. yds. class A Port. cem. conc. (roadway pavement); 260 cu. yds. class A Port. cem. conc. (slope paving).

A. C. Cox, Pasadena	$12,660
Heuser-Packard Co., L. A.	12,870
Gibbons & Reed, Los Angeles	13,300
Sam Hunter	21,910
Engineer's Estimate	9,835

REDONDO, Cal. — City trustees declare inten. to imp. Topaz St., bet. Esplanade and Elena Ave. and portions of Knob Hill Ave., Elvira Ave. and Elena Ave., by grade and pave with rock, oil and screenings; 1911 act; Harry Polgase, city clerk.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E 58th St., awarded contr. by Bd. Pub. Wks. at $77,122.73, for imp. Compton Ave., bet. Vernon Ave. and s. city limits, involving grading at $5000; 306,386 sq. ft. conc. paving 23c ft.; 36 ft. curb 70c ft.; 35 sq. ft. walk 25c ft.; reinf. conc. culverts, $300; 1320 ft. hse. sewers $1 ft.

TRACY, San Joaquin Co., Cal.—J. E. Johnston, Savings and Loan Bank Bldg., Stockton, only bidder, at $14,617 awarded cont. by city trustees to imp. Roosevelt Ave., 12th St. and Highland Ave., in La Bonita Park sub-division; grade, const. conc. curbs and gutters; pave with 4-in. compressed gravel and 2-in. topping of asph. macadam; catchbasins; water and sewer connections.

FRESNO, Fresno Co., Cal—City council, R. Y. St. George, clerk, declares inten. to imp. Hedges Ave., bet. Van Ness Blvd and Calaveras Ave., grade; const. conc. curbs, gutters and walks; corru. metal culverts with culvert manholes; pave with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit surface. 1911 Act. Protests Oct. 18. Wm. Stranahan, city eng.

WOODLAND, Yolo Co., Cal. — Until Oct. 16, 10 a. m., bids will be rec. by H. R. Saunders, county eerk, to grade Prefix 7, Sec. B of Yolo county highway system, extending from south line of Reclamation District No. 307 along crest of levee along bank of Sacramento river to Freeport. Cert. check 10% payable to county req. Plans on file in office of clerk. Asa G. Proctor, county highway engineer.

VERNON, Cal.—City trustees declare inten. to imp. East 27th St., bet. Redondo branch Santa Fe Ry. and the east line of Day Star tract, involv. asph. concr. pavement; constructing cem. concr. curbs, gutters. Protests Oct. 2; 1911 act.

Inten. declared to imp. St. Charles St., bet. Vernon Ave. and Junior St., involv. asph. concr. pavement; constructing cem. concr. curb; gutter; 1911 act. T. J. Furlong, City Clerk.

FRESNO, Fresno Co., Cal.—Calif. Rd. and St. Imp. Co., Fresno, submits bid of $1775 to const. two tennis courts in Roeding Park. Taken under advisement by city council.

SACRAMENTO, Cal. — At a recent meeting on the shores of Donner Lake, the governors and highway comm. representatives of California, Nevada and Utah participated in a discussion of plans regarding the proposed completion of the Victory highway between Salt Lake City and Sacramento. Harvey M. Toy, chairman of the California highway comm., said that betw. $2,000,000 and $3,000,000 will be expended next year on the Truckee river road. Approx. $500,000 is available for work this year and early spring.

SANTA CRUZ, Santa Cruz Co., Cal.—W. A. Caplatzi, Santa Cruz, at $3645.82 awarded cont. by council to const. 6-in. vit. sewer; 9 br. manholes with c. i. tops; 22 4-in. wye branches in portions of Highland Ave.

EUREKA, Humboldt County Cal. — Walter S. Selvage, Eureka, at $2.84 yd. awarded cont. by supervisors to fur. and del. 2000 or more cu. yds. crushed rock for use in road improvements in Supervisor District No. 3.

GLENDALE, Cal.—Awards for street work made by city council as follows:

Cornwell & Henderson, 120 S Glendale Ave., Glendale, at $15,957.38, to imp. Kenneth Rd. bet. Sonora and Grandview Aves., at $6141.65 imp. Dorothy Dr. and Stocker St., at $8196.58 imp. Raymond Ave. and 10th St.

Peter L. Ferry, 614 E Acacia Ave., Glendale, at $22,530.72, imp. six alleys in the business dist.

E. L. Fleming, 1007 S Boynton St., Glendale, at $4595.73 imp. Raleigh St. and Adams St.

HUNTINGTON BEACH, Cal.—In the case of Henry Schaffert, property owner, against the City of Huntington Beach, in an effort to compel the city to award the Ocean Ave. paving to Geo. H. Oswald at $216,000 instead of G. M. Souter, next bidder at $238,900, the Superior court upheld the right of the municipality to so award the contract, justifying the city's rejection of Oswald's bid on the ground that in 1915 he had failed to sign a contract on a street job when his bid had been accepted by the city. W. M. Brown, Los Angeles, one of the attorneys for the property owners, states the case will be appealed.

VENICE, Cal.—City trustees declare inten. to imp. Stracey Ave. bet. Broadway and California Ave., grade and pave on 2½-in. ash. conc. base; const. curbs, walks. 6-in. vit. pipe san. sewer, 24 6-in. vit. pipe hse. sewers; 1911 Act. T. H. Hanna, city clerk.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., awarded cont. by Bd. Pub. Wks. at $62,902 to imp. Ruthelen St., bet. 36th Pl. and Exposition Blvd., involv. grading at $7602.24; 159,317 sq. ft. cem. conc. paving 20.5c ft.; 3419 sq. ft. bitum. base paving; 9308 ft. curb 52c ft.; 36,167 sq. ft. walk 19.5c ft.; san. sewer, $9890.

G. A. Constantine, 910 Haas Bldg. awarded cont. at $17,889 to imp. Ricardo St., bet. Medford and St. Charles St., involv. grading at $7950; 38,873 sq. ft. oil and roll 7c ft.; 2892 ft. curb 68c ft.; 14,655 sq. ft. walk 21.5c ft.; 6003 sq. ft. gutter 35c ft.

SAN FRANCISCO—Property owners in Bernal Heights District will petition Board of Public Works to organize new assessment district to finance widening of Virginia Ave., bet. Mission and Coleridge Sts.; total est. cost $64,000 of which supervisors have apportioned $30,000 in budget, the balance to be paid by property owners.

The Board of Public Works has requested the supervisors to authorize the preparation of plans to imp. 40th Ave., bet. Lincoln Way and Irving.

MARYSVILLE, Yuba Co., Cal.—Bids of Oakland Sewer Const. Co., Oakland and Valley Concrete Co., Yuba City, to fur. and lay 24-in. conc. drainage pipe from Ellis Lake to Gravel Pit, taken under advisement by city council.

MONROVIA, Cal.—City trustees declare inten. to imp. Orange Ave., bet. Mayflower and Fifth Aves.; grade and pave with oil tamped pavement; const. curbs, gutters, san. sewer, flush tank, reinf. conc. intake and steel gratings, reinf. conc. culverts; 1911 act. Lewis P. Black, city clerk.

SAN DIEGO, Cal.—City council rejects bids to pave Maryland St., bet. Madison and Van Buren Aves., with warrenite pavement. Calif. Constr. Co. bid $25,392, and G. R. Daley $25,817. It was decided that a less expensive pavement would serve.

Bids to grade and pave 31st St. and Elm St. rejected. John Engebretsen bid $44,378.79 and H. G. Fenton $45,709.80. Bids will be re-advertised at once.

VISALIA, Tulare Co., Cal—City council, Ida Markham, clerk, declares inten. to imp. portion of West Center St., North Giddings Ave., and Hall Ave., involv. grading; pave with 4-in. asph. conc. base with 1½-in. Warrenite-Bit surface; hyd. cem. conc. curbs, gutters and catchbasins; corru iron culverts; pave alley approaches with 5-in. cem. conc.; storm drain with 10 by 4-in. wye branches, 1911 Imp. Act and 1915 Bond Act. Protests Oct. 15. L. H. Gadsby, city engineer.

OAKLAND, Cal.—Until Oct. 11, 11 a. m., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. 90th Ave., bet. E-14th and D St., involv. grade; const. curbs and gutters; pave with bituminous concrete; wood culvert; corru. iron and conc. culverts; 2 br. storm water inlets; 12 and 14-in. vit. pipe conduit. 1911 Act. Cert. check 10% payable to city req. Spec. on file in office of clerk.

COMPTON, Cal.—Until 8 p. m., Oct. 16, bids will be rec. by city trustees for imp. under 1911 act the following streets:

Palm St., involv. 1290 ft. curb; 23,220 sq. ft. grading; 23,220 sq. ft. 5-in. cem. conc. paving; 190 ft. 6-in. vit. pipe hse. sewers.

Almond St., involv. 35,375 sq ft grading; 16,370 sq. ft. 5-in. cem. conc. paving; 19,006 sq. ft. bitum. base with 1½-in. willite top; 371 ft. 6-in. hse. sewers one flushtank to be moved; 1110 ft. 4-in. woodstave water pipe with fittings, 2 fire hydrants; 228 lin. ft. 2-in. std galv. service connections, fittings and valves.

Tamarind St., Raymond, Reeve, Tichenor, Caldwell and Alameda Sts., involv. 199,360 sq. ft. grading; 199,360 sq. ft. 5-in. cem. conc. paving; 55,160 sq. ft walk; 11,050 ft. curb; 1500 ft. 16-in. vit. pipe main sewer; 2400 ft. 8-in. vit. pipe main sewer; 1550 ft. 6-in. vit. house sewers; 11 chimneys; 6 plain manholes 3 drop manholes; 4 junction chambers 7 flushtanks; 6260 ft. 4-in. wood-stave water pipe and fittings; 12 fire hydrants; 1760 ft. 2-in. galv. service connections.

Edw. M. Lynch, Central Bldg., Los Angeles, engr. Maude Hecock, city clk.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares inten. to imp. Fresno Ave., bet. Belmont and Olive Aves., involv. grading; const. conc. curbs and walks; rein. conc. culverts with culvert manholes; pave with 6-in. Port. cem. conc. 1911 Act. Protests Oct. 18. Wm. Stranahan, city engineer.

LONG BEACH, Cal.—Until 9:30 a. m. Oct. 9, bids will be rec. by council to imp. alley east of Cerritos Ave., extending s. from 11th St., bet. 10th and 11th Sts., by grading and paving with 4-in. cem. conc.; const. class B cem. curbs. 1911 act. H. C. Waughop, city clerk.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3616	Hemminga	Owner	12000
3617	Standquist	Owner	14000
3618	Steinauer	Owner	7850
3619	Sullivan	Sullivan	3000
3620	Costello	Owner	9000
3621	Magnuson	Owner	13000
3622	Ackerman	Owner	8000
3623	Eggert	Munster	3000
3624	Castello	Owner	5000
3625	Dielissen	Owner	1700
3626	Formosa	Larson	4000
3627	Scott	Owner	2400
3628	Torres	Meyer	12000
3629	Allyne	Stockholm	2415
3630	Allyne	United	1793
3631	Allyne	New Mission	1018
3632	Southern	McElroy	——
3633	Western	Empire	1118
3634	Driscoll	Smith	4000
3635	Mohr	Hannah	3454
3636	Roman	Fennell	14998
3637	Roman	Hampton	1600
3638	Roman	Scott	3996
3639	Loftus	McCauley	5000
3640	Trepz	Schaub	1000
3641	Reinhart	Owner	1900
3642	Mitchell	Mitchell	6000
3643	Miller	Mitchell	5500
3644	Lewis	Schwartz	3000
3645	Urban	Leonard	9000
3646	Berg	Owner	1500
3647	Johnson	Owner	2500
3648	Arnott	Owner	8000
3649	Merriman	Arnott	3000
3650	Arnott	Owner	4000
3651	Danziger	Bessett	2500
3652	R C Archh.	Owner	70000
3653	McCluskey	Little	13850
3654	United Cigar	Duval	2000
3655	Saunders	Papenhausen	10000
3656	Crocker	Owner	9600
3657	Same	Owner	4500
3658	Same	Owner	4900
3659	Sapiro	Papenhausen	11000
3660	O'Connor	Christiansen	13750
3661	Federal	Dahlstrom	27625
3662	Tennyson	Rednall	9500
3663	Leigh	Owner	4000
3664	Short	Coburn	1450
3665	Raffo	Carrano	1800
3666	Bauer	Heyer	1000
3667	Grosman	Owner	4300
3668	Fay	Wood	2000
3669	Monohan	Hardy	10000
3670	Evergetis	Hardy	11500
3671	McCloskey	Little	13850
3672	Archer	Owner	6000
3673	Brown	Owner	5000
3674	Blagi	Owner	7000
3676	Pratt	Owner	3000
3676	Rock	Bond	2500
3677	Tennyson	Rednall	9500
3678	Fiedemonte	Sourich	9000
3679	Feerich	Owner	18000
3680	Carlson	Carlson	8000
3681	Madison	Vogt	9990
3682	Ham	Owner	85000
3683	Allyne	Alta	1198
3684	Saunders	Papenhausen	11618
3685	Puccinelli	White	5450
3686	Bernhardt	Rednall	5650
3687	Costigan	Mission	12500
3688	Jones	Owner	1300
3689	Hueter	Boxton	6000
3690	Piipari	Owner	3500
3691	Grinnell	Austin	50000
3692	Monsor	Hladik	3000
3693	Wolfson	Hamerton	2300
3694	Hord	Lundquist	1000
3695	Janssen	Owner	7000
3696	Potter	Waldt	1000
3697	Levin	Levy	2750
3698	Hauser	San Francisco	1000
3699	S. F.	McLeran	750000
3700	Filippi	Morrison	8092
3701	Louis	Larsen	28150
3702	Miller	Michell	5500
3703	Miley	Michell	6000
3704	Verner	Owner	7000
3705	Merz	Owner	8000
3706	Nyman	Grahn	3000
3707	Koniski	Pistore	3000
3708	Great Western	Owner	50000
3709	Great Western	Owner	2000
3710	Great Western	Owner	4000
3711	Ortega	Parker	500000
3712	Salve	Cuneo	5000
3713	Ryan	Lindeman	5000
3714	Arnott	Owner	20000
3715	Vodden	Owner	12000
3716	S. F. Svgs	Heyer	2500
3717	Sapiro	Papenhausen	13760
3718	Same	Higgins	1625
3719	Same	Eguel	1150

FLATS
(3616) NW CABRILLO AND TWENty-first Avenue. 2-story and basemane frame (4) flats.
Owner—Nick Hemminga, 705 22nd Ave., San Francisco.
Architect—None. $12,000

FLATS
(3617) E LANDERS 210 N 15th. 3-story and basement frame (6) flats.
Owner—Mrs. V. Stanquist, 613 Locust St., San Francisco.
Architect—None. $14,000

FLATS
(3618) N BALBOA 82-6 E 17th. 2-story and basement frame (2) flats.
Owner—S. Steinauer, 109 Cornwall St., San Francisco.
Architect—None. $7850

DWELLING
(3619) S DeMONTFORD 50 W Capitol. 1-story and basement frame dwlg.
Owner—Thos. J. Sullivan, 240 Jules Av. San Francisco.
Architect—None.
Contractor—Olson and Sullivan, 250 Jules Ave., S. F. $3000

DWELLINGS
(3620) W TWENTY-FIFTH AVE. 125 150 175 S Balboa. 3 1-story and basement frame dwellings.
Owner—Costelio Bros., 821 34th Ave., San Francisco.
Architect—None. $3000 ea

FLATS
(3621) E BUCHANAN 40 & 65 S Chestnut. 2 2-story and basement frame (2 in each) flats.
Owner—Magnuson and Peterson, 622 Steiner St., San Francisco.
Architect—None. $6500 ea

ALTERATIONS
(3622) E MISSION 85 N 21st. Install Arcade store fronts; rearrange partitions; renovate interior of apartments.
Owner—Ackerman & Harris, 344 Phelan Bidg., San Francisco.
Architect—None. $8000

REMODEL
(3623) NE MISSION AND NINTH. Remodel store fronts; Kawneer patent.
Owner—Henry and Herman Eggert 350 Post St., San Francisco.
Architect—None.
Contractor — Munster and Bornhoidt, 1530 Broderick St., S. F. $3000

FRAME FLATS
(3624) NW CLEMENT & TWENTY-ninth Ave. Two-story and basement frame (2) flats.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $5000

DWELLING
(3625) N HOLLISTER 262-6 E Jennings. One-story and basement frame dwelling.
Owner—A Dielissen, 245 Harkness St., San Francisco. $1700
Plans by Owner.

DWELLING
(3626) E HARRISON 25 S Twenty-sixth. One-story and basement frame dwelling.
Owner—Mrs. J. C. Formosa, 370 Precita Ave., San Francisco.
Architect—None.
Contractor—Axel R. Larson, 246 Delano Ave., San Francisco. $4000

REPAIRS
(3627) NO. 1714 VALLEJO. Repair fire damage to dwelling.
Owner—Mrs. J. A. Scott, 1714 Vellejo St., San Francisco. $2400
Architect—None.

DWELLINGS
(3628) W FORTIETH AVE 225, 250, 275 and 300 N Anza. Four one-story and basement frame dwlgs.
Owner—E Torres, 5326 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $3000 each

CARPENTRY WORK ETC.
(3629) W HISSION & ECKER SW 74 NW 12-6 SW 47 NW 75 NE 94 SE 187-6. Carpentry and painting and exterior doors and frames cap for marble for building.
Owners—Lucy H and Edith W. Allyne.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Chas. Stockholm & Sons, 489 Monadnock Bldg., S. F.
Filed Sept. 27, 1923. Dated Sept. 8 ,1923.
6th & 26th each month 75%
Usual 35 days 25%
TOTAL COST, $2415
Bond, $1208; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit, Oct. 15, 1923; Plans and specifications filed.

DOORS
(3630) FOUR SAINO FIRE DOORE, 3 lin clat doors, 15 Kalamein doors on above.
Contractor—United States Metal Products Co. of the Pacific Coast, 330 10th St., San Francisco.
Filed Sept. 27, 1923. Dated Sept. 15, 1923
Completed 75%
Usual 35 days 25%
TOTAL COST, $1793
Bond, $897; Sureties, American Indemnity Co.; Forfeit, None; Limit, Oct. 31, 1923; Plans and specifications filed

(3631) GALVANIZED IRON ON ABOVE
Contractor—New Mission Sheet Metal Works, 3401 Mission St., S. F.
Filed Sept. 27, 1923. Dated Sept. 15, 1923
Payments same as above.
TOTAL COST, $1018
Bond, $509; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 2 weeks; Plans and specifications filed.

PAVING
(3632) PAVING REPAVING & GRADING in railroads yard adj. to E line Beale St. bet. Howard & Folsom.
Owner — Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—None.
Contractor—J. R. McElroy, 3328 Washington St., San Francisco.
Filed Sept. 27, 1923. Dated Sept. 25, 1923
At close each month 75%
Usual 35 days 25%
TOTAL COST — Asphaltic concrete pavement 24c sq. ft.; concrete curbing 95c lin. ft.; sidewalk 8½c sq. ft.; grading 85c cu. yd.
Bond, $2500; Sureties, American Indemnity Co.; Forfeit, none; Limit, 60 days; Plans and specifications filed.

BUILDING
(3633) NE SIXTH AND STEVENSON. Window frames and sash, etc., for building.
Owner—Western States Life Ins. Co., SE Market and 6th Sts., S. F.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Empire Planing Mill, 750 Bryant St., San Francisco.
Filed Sept. 27, '23. Dated Sept. 17, '23.
All work completed at factory 75%
Work installed 75%
Usual 35 days..... 25%
TOTAL COST, $1178
Bond, $589. Surety, J. H. McCallum. Limit, Oct. 8, 1923. Forfeit, none. Plans and specifications filed.

FRAME BUILDING
(3634) LOT 16 BLK 24, Castro St. Addition. All work for one-story and basement frame building.
Owner—John A. & Katherine Driscoll, 28 Chattanooga St., S. F.
Architect—H. W. Sites.
Contractor—L. P. Smith, 2611 Diamond St., San Francisco.
Filed Sept. 27, '23. Dated Sept. 21, '23.
Frame up $1000
White coated 1000
Completed and accepted..... 1000
Usual 35 days..... 1000
TOTAL COST, $4000
Bond, $2000. Sureties, H. W. Sites & Herbert Norman. Limit, 60 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(3635) SE MISSION 133-3¾ NE Fifth NE 50xSE 160. All work for alterations to 4th floor of building.
Owner—Salby and Henry R. Mohr, 425 Kearny St., San Francisco.
Architect—W H. Crim Jr., and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—Hannah Bros., 142 Sansome St., San Francisco.
Filed Sept. 27, '23. Dated Sept. 19, '23.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $3454
Bond, $1727. Sureties, Jno. E. Walker and W. M. McCabe. Limit, 20 days. Forfeit, $36. Plans and specifications filed.

BUILDING
(3636) SE VAN NESS AVE AND FILbert 137-6xE 284 All work except electric work and power plant for two-story and basement building.
Owner—The Roman Catholic Archbishop of San Francisco., 1100 Franklin St., San Francisco.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractor — Fennell & Chisholm, 180 Jessie St., San Francisco.
Filed Sept. 27, '23. Dated Sept. 22, '23.
On 1st and 15th of each month 75%
Usual 35 days, 25%.....$3750
TOTAL COST, $14,998
Bond, $7499. Sureties, D. J. Sullivan and A. E. Smith. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(3637) ELECTRICAL WORK ON above.
Contractor—Hampton Elec. & Mfg. Co., 525 Howard St, San Francisco.
Filed Feb. 27, '23. Dated Sept. 24, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1600
Bond, $800. Sureties, F. E. Waterhouse and L. O. Waterhouse. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(3638) POWER PLANT ON ABOVE.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Sept. 27, '23. Dated Sept. 22, '23.
Payments same as above.....
TOTAL COST, $3996
Bond, $1998. Sureties, H. M. Van Pelt and Peter F. Scott. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

RESIDENCE
(3639) E TWENTY-FIRST AVE 125 N Taraval N 25xE 120. All work for one-story and basement residence with garage.
Owner—Thomas F. and Mary E. Loftus, 2032 Pierce St., San Francisco.
Architect—Vincent Buckley, Call Bldg., San Francisco.
Contractor—McCauley & Webber, 1153 Shotwell St., San Francisco.
Filed Sept. 27, '23. Dated Sept. 24, '23.
On signing contract.....$ 500
Enclosed 1125
Brown coated 1125
Completed 1125
Usual 35 days..... 1125
TOTAL COST, $5000
Bond, $2500. Surety, Maryland Casualty Co. Limit, none. Forfeit, $1.50. Plans and specifications filed.

ALTERATIONS
(3640) NO. 156 BOCANA. Alterations and two-room addition to dwelling.
Owner—Mrs. Anna Trepz, 168 Bocana St., San Francisco.
Architect—None.
Contractor—R. Schaub, 201 Elsie St., San Francisco. $1000

OFFICE
(3641) NE JERROLD & NAPOLEON Aves. Two-story frame office.
Owner—Reinhart Lumber Co., 17th & Kansas Sts., San Francisco. $1900
Plans by Owner.

DWELLING
(3642) E TWENTIETH AVE 125 S Noreiga. Two-story and basement frame dwelling.
Owner — Thos. F. Mitchell, 1370 Utah St., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. $6000

DWELLING
(3643) W KANSAS 100 N Twenty-third One-story and basement frame dwelling.
Owner — William Millar, Vermont St. near 23rd St., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St , S. F. $5500

SHOP
(3644) W SEVENTH 50 N Harrison. One-story brick shop.
Owner—E. & H. Lewis, 423 6th St., San Francisco.
Architect—Chas. Schwarz, 1410-A Hyde St., San Francisco.
Contractor — Chas. Schwarz, 1440-A Hyde St., San Francisco. $3000

DWELLING
(3645) W URBANO DRIVE — S VICtoria. One-story and basement frame dwelling.
Owner—Urban Realty Improvement Co 39 Montgomery St., San Francisco.
Architect—Leonard & Holt, 39 Montgomery St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., S. F. $9000

DWELLINGS
(3646) S JUDAH 32-6 and 57-6 W Twenty-fourth Ave. Two one-story and basement frame dwellings.
Owner—Wm. D. Berg, 1914 Judah St., San Francisco. $1500
Plans by Owner.

DWELLING
(3647) E GATES 175 S Eugenia. One-story and basement frame dwlg.
Owner—Gus. Johnson, 3870 22nd St., San Francisco.
Architect—None. $2500

DWELLINGS
(3648) N PORTOLA 60 and 90 W Kensington. Two one-story and basement frame dwellings.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000 each

DWELLING
(3649) S GRAFTON 75 W Brighton. One-story and basement frame dwelling.
Owner—L. Merriman.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $3000

DWELLING
(3650) W TWENTY-SECOND AVE 225 S Judah. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000

ALTERATIONS
(3651) NW CLEMENT AND TENTH Ave. Sub-divide present 30-ft. floor area for 4 stores; new fronts.
Owner—C. R Danziger and J. H. Riordan, 11 Rotunda, Mills Bldg., S. F.
Architect—A. J. Laib, 2037 Baker St., San Francisco.
Contractor—C. H. Bessett Bldg. Co., Mills Bldg., San Francisco. $2500

SCHOOL
(3652) N GREEN 93 W Steiner. Two-story reinforced concrete school.

Owner—Roman Catholic Archbishop of S. F., 100 Franklin St., S. F.
Architect—Shea & Shea, Chronicle Bldg., San Francisco. $70,000

FRAME FLATS
(3653) W ASHBURY 32-6 N Haight. Two-story and basement frame (4) flats.
Owner—Lulu E. McCluskey, 2008 Fell St., San Francisco.
Architect—None.
Contractor—John Little & Son, 1035 Lincoln Way, S. F. $13,850

ALTERATIONS
(3654) NO. 6 MARKET ST. Remodel store front and show windows.
Owner — United Cigar Stores Co, 40 Montgomery St., San Francisco.
Architect—C. H. Seymour, 40 Montgomery St., San Francisco.
Contractor—Oliver Duval & Son, 26 Dalziel Bldg., Oakland. $2000

RESIDENCE
(3655) S PORTOLA 295 E Terrace. Two-story and basement frame residence.
Owner—Wm. Saunders.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—H. Papenhausen, 532 3rd Ave., San Francisco. $10,000

DWELLINGS
(3656) W WINDING WAY 109.74 and 177.24 S Rolph. Two one-story and basement frame dwellings.
Owner — Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $4800 each

DWELLING
(3657) W WINDING WAY 143.49 S Rolph. One-story and basement frame dwelling.
Owner — Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $4500

DWELLING
(3658) W WINDING WAY 75.99 S Rolph. One-story and basement frame dwelling.
Owner — Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $4900

RESIDENCE
(3659) E SAN LEANDRO 230 N St. Francis. Two-story and basement frame residence.
Owner—M. Sapiro, 1st National Bank Bldg., San Francisco.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—H. Papenhausen, 532 3rd Ave., San Francisco. $11,000

FRAME FLATS
(3660) N CHESTNUT 164 E Van Ness Ave. All work for two-story frame flats.
Owner—John O'Connor.
Plans by Contractor.
Contractor — Christiansen Bros., 518 25th Ave., San Francisco.
Filed Sept. 28, '23. Dated Sept. 28, '23.
Frame up $3437.50
Brown coated 3437.50
Completed and accepted..... 3437.50
Usual 35 days..... 3437.50
TOTAL COST, $13,750 00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

METAL PARTITIONS
(3661) NW BATTERY AND SACRAMENTO W 275xN 119-6. Interior hollow metal partitions for seven-story Class A building.
Owner—Federal Reserve Bank of San Francisco.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Dahlstrom Metallic Door Co., Hearst Bldg., S. F.
Filed Sept. 28, '23. Dated Aug. 31, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $27,625
Bond, $13,813 Surety, Fidelity & Deposit Co. of Maryland. Limit, 18 mo. Forfeit, none. Plans and specifications filed.

FLATS
(3662) S GREENWICH 175 W Divisadero W 25xS 137-6. All work for two-story frame flats.
Owner—John A. Tennyson, 2631 Greenwich St., San Francisco.
Plans by Contractor.
Contractor—W. W. Rednall, 180 Jessie St., San Francisco.
Filed Sept. 28, '23. Dated Sept. 27, '23.
Frame up $2300
1st coat plaster on..... 2400
Completed and accepted..... 2400
Usual 35 days..... 2400
TOTAL COST, $9500
Bond, $4750. Sureties, T. V. Freese & W. P. Holmes. Limit, 90 days. Forfeit, $3. Plans and specifications filed.

DWELLING
(3663) E FORTY-SIXTH AVE 100 N Cabrillo. One-story and basement frame dwelling.
Owner—David Leigh, 840 44th Ave., San Francisco.
Architect—None. $4000

REPAIRS
(3664) NO. 1424-28 BUSH. Repair plastering; electric work and other repairs for present building.
Owner — M. K. Short, 100 Sutter St., San Francisco.
Architect—None.
Contractor—Ira W. Coburn, 712 Hearst Bldg., San Francisco. $1450

ALTERATIONS
(3665) NO. 276 BARTLETT. Rebuild kitchen, porch and stairs for flat.
Owner—A. Ernesto Raffo, Premises.
Architect—None.
Contractor—P. Carrano, 830 Felton St., San Francisco. $1800

ADDITION
(3666) SE JACKSON AND TAYLOR. one-room addition to residence.
Owner—Joseph Bauer, 2555 Mission St., San Francisco.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—Chas. W. Heyer Jr., Mills Bldg., San Francisco. $1000

DWELLING
(3667) E CURTIS 325 S Rolph. One and one-half-story and basement frame dwelling.
Owner—W. E. Grosman, 51 Curtis St, San Francisco.
Architect—None. $4300

STORE
(3668) W LA PLAYA 100 S Lincoln Way. One-story frame store.
Owner—Fay Boy Barbecue Cabin., Redwood City, Calif.
Architect—None.
Contractor—T. C. Wood, 1445 Clay St., San Francisco. $2000

STORES
(3669) SE CABRILLO AND SIXTH Ave. One-story frame stores.
Owner—F. P. Monohan, 711 6th Ave., San Francisco.
Architect—A. M. Hardy, 518 24th Ave., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave San Francisco. $10,000

FLATS
(3670) COM 32-6 W FROM SW TWENty-sixth Ave. & California 25 x 100. All work for 2-story and basement frame bldg. (2 flats).
Owner—Panagiotis & Evdokia Evergetis, 6301 California.
Architect—None.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco.
Filed Sept. 29, 1923. Dated Sept. 18, 1923
Frame up $2875
Brown coated 2875
Completed and accepted 2875
Usual 35 days 2875
TOTAL COST, $11,500
Bond, Sureties, Forfeit, none; Limit, 120 days; Plans and specifications filed

CEMENT WORK ETC.
(3671) W ASHBURY 82-6 N Haight N 25xW 100. Cement and plastering carpenter and mill work for 2-sto. and basement frame bldg.
Owner—Lulu E. McCloskey, 400 Sutter St., San Francisco.
Plans by owner.
Contractor — John Little & Son, 1035 Lincoln Way, S. F.
Filed Sept. 29, 1923. Dated Sept. 29, 1923
Rough frame up $3462.50
1st coat plaster on 3462.50
Completed and accepted 3462.50
Usual 35 days 3462.50
TOTAL COST, $13,850
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

ADDITION
(3672) W MISSION 75 N Huron. Brick addition for repair shop.
Owner—G. E. Archer, 5960 Mision St., San Francisco.
Architect — F. W. Quandt, Humboldt Bank Bldg., San Francisco. $6000

FRAME FLATS
(3673) SE DUNCAN AND DOLORES. Two-story and basement frame (2) flats.
Owner—Ward C. Brown, 2945 Harrison St., San Francisco.
Architect—None. $5000

FRAME FLATS
(3674) S LOMBARD 200 W Broadway. Two-story and basement frame (2) flats.
Owner — P. Biagi, 2019 Lombard St, San Francisco.
Architect—None. $7000

DWELLING
(3675) E THIRTY-SEVENTH AVE 100 N Cabrillo. One-story and basement frame dwelling.
Owner—Roy A. Pratt, 7140 Geary St., San Francisco.
Architect—None. $3000

STORES
(3676) S TWENTY-FOURTH 132½ W Castro. One-story frame stores.
Owner—Annie J. Rock, 1143 Diamond St., San Francisco.
Architect—None.
Contractor—Fred M. Bond, 60 Montezuma Ave., San Francisco. $2500

FRAME FLATS
(3677) S GREENWICH 175 W Divisadero. Two-story and basement frame (2) flats.
Owner—John A. Tennyson, 2631 Greenwich St., San Francisco.
Plans by Contractor.
Contractor—W. W. Rednall, 2500 Filbert St., San Francisco. $9500

FRAME FLATS
(3678) N CRESCENT AVE 100 E Mission. Two-story and basement frame (2) flats.
Owner—Guespe Piedemonte, 20 Crescent Ave., San Francisco.
Architect—J. W. Gillogley, 745 San Jose Ave., San Francisco
Contractor—T. A. Sourich, 1733 Palou Ave., San Francisco. $9000

FRAME FLATS
(3679) E TWENTY-FIFTH AVE 100 and 125 S Cabrillo. Two two-story and basement frame (2 in each) flats.
Owner—Bryan Feerick, 253 Downey St., San Francisco.
Plans by Owner. $9000 each

FRAME FLATS
(3680) W POTRERO AVE 275 S 22nd. Two-story and basement frame (4) flats.
Owner—Carlson & Newsom, 180 Jessie St., San Francisco.
Architect—None.
Contractor—O. E. Carlson, 180 Jessie St., San Francisco. $8000

ANNEX
(3681) NO. 1123-29 HARRISON. Construct three-story "L" brick annex.
Owner—James Madison, 112 Market St. San Francisco.
Architect — Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco. $9990

APARTMENTS
(3682) NW STOCKTON AND CALIfornia. Six-story and basement concrete (46) apartments.
Owner—L. B. Ham, 110 Sutter St., San Francisco.
Architect—A. J. Horstman. $85,000

ROOFING
(3683) W MISSION & ECKER SW 74 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. All work for roofing for building.
Owner—Lucy H. and Edith W. Allyne, 2609 Gough St., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—T. Heml and Alex Pape (as Alta Roofing Co., 570 Waller St., San Francisco.
Filed Oct. 1, '23. Dated Sept. 15, '23.

Work completed 75%
Usual 35 days..... 25%
TOTAL COST, $1198

Bond, $599. Surety, Fidelity & Deposit Co. of Maryland. Limit, 10 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3684) LOT 19 BLK 20, St. Francis Wood. All work for two-story frame dwelling and garage.
Owner—William Saunders, 247 Hyde St., San Francisco.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Contractor—Henry Papenhausen, 532 Third St., San Francisco.
Filed Oct. 1, '23. Dated Sept. 26, '23.
Frame up $2904.50
Brown coated 2904 50
Completed and accepted..... 2904.50
Usual 35 days..... 2904.50
TOTAL COST, $11,618.00

Bond, $5809. Sureties, L. H. Birth and Theo. De Pass. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(3685) E FILLMORE — S Hayes. All work except painting for alterations to two-story frame bldg.
Owner—A. Puccinelli, 3061 Laguna St, San Francisco.
Architect—P. Righetti, 12 Geary St., San Francisco.
Contractor—White & Robinson.
Filed Oct. 1, '23. Dated Sept. 27, '23.
House raised and underpinned.$1000
Enclosed 1000
Brown coated 1000
Completed and accepted..... 1085
Usual 35 days..... 1365
TOTAL COST, $5450

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3686) S GREENWICH 150 W Divisadero W 25xS 137-6. All work for two-story and basement frame building (dwelling).
Owner—Bernhard T Tennyson, 2631 Greenwich St., San Francisco.
Plans by Contractor.
Contractor—W. W. Rednall, 2500 Filbert St., San Francisco.
Filed Oct. 1, '23. Dated Oct. 1, '23.
Frame up and rustic on.....$1400
1st coat plaster on..... 1400
Completed and accepted..... 1400
Usual 35 days..... 1450
TOTAL COST, $5650

Bond, $2825. Surety, W. P. Holmes. Limit, 90 days. Forfeit, $2. Plans and specifications filed.

CONCRETE BLDG.
(3687) N JESSIE 75 W Fourth W 25x N 75. All work except excavation for three-story and basement reinforced concrete building.
Owner—James D. Costigan, 775 Howard St., San Francisco.
Architect — W. H. Armitage, 72 New Montgomery St., San Francisco.
Contractor—Mission Concrete Co., 72 New Montgomery St., S. F.
Filed Oct. 1, '23. Dated Sept. 25, '23.
Concrete poured to level of 1st floor $2000.00
When poured to level of 2nd floor 2000.00
Poured to top of firewalls... 2687.50
Completed and accepted..... 2687.50
Usual 35 days..... 3125.00
TOTAL COST, $12,500.00

Bond, $6250. Sureties, Stephen I. Guerin and Edwin T. Peterson. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(3688) E GUERRERO 53 S Market. Three-story and basement frame (6) apartments.
Owner—Morris and Annie M. Jones, 37 Guerrero St., San Francisco.
Architect—None. $13,000

DWELLING
(3689) E SAN FERNANDO AND Darien Way. One-story and basement frame dwelling.
Owner—O. M. Hueter, 895 Flatiron Bldg., San Francisco.
Architect—Horald G. Stoner, First National Bank Bldg., San Francisco.
Contractor—Boxton & Zwieg, 809 Flatiron Bldg., San Francisco. $6000

DWELLING
(3690) W DOUGLAS 160 N Twenty-second. One-story and basement frame dwelling.
Owner—Armas Piiparl, 4405-B 20th St., San Francisco.
Plans by Owner. $3500

OFFICE, ETC.
(3691) SW BRANNAN & FIFTH STS. One and two-story Class C warehouse and offices.
Owner—Grinnell Co. of the Pacific, % Architects.
Architect—The Austin Co. of California Santa Fe Bldg., San Francisco.
Contractor—The Austin Co. of California, Santa Fe Bldg., S. F. $50,000

DWELLING
(3692) E FORTY-SIXTH AVE. 275 N Cabrillo. 1-story and basement frame dwelling.
Owner—R. Monson, 607 39th Ave., S. F.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $3000

ADDITION
(3693) 45 YERBA BUENA AVENUE. Sleeping porch and show room addition for dwelling.
Owner—F. Wolfsen, 45 Yerba Buena Ave., San Francisco.
Architect—None.
Contractor—A. C. Hamerton, 481 Dewey Blvd., San Francisco. $2300

WALL BEDS ETC.
(3694) 228 IRVING STREET. Install wall beds, painting, tinting etc. for apartments.
Owner—Mrs. W. H. Hord, 228 Irving St. San Francisco.
Architect—None.
Contractor—Caleb Lundquist 1511 Baker St., San Francisco. $1000

FLATS
(3695) E CLAYTON 50 N Grove. 2-story and basement frame (2) flats.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $7000

ADDITION
(3696) NO. 1663 NINTH AVE. Add one room to dwelling.
Owner—Mrs. Potter, 1663 9th Ave., San Francisco.
Architect—None.
Contractor—J. J. Waldt, 406 Moraga St. San Francisco. $1000

ALTERATIONS
(3697) SE CASTRO & SEVENTEENTH Streets. Plaster front; remodel sore fronts; construct stairs.
Owner—S. H. Levin.
Architect—None.
Contractor—Jules Levy, 1035 Golden Gate Ave., S. F. $2750

OVEN
(3698) NO. 512 THIRD AVENUE. Construct brick bake oven for bakery.
Owner—Alois Hauser, 846 34th Ave., San Francisco.
Architect—None.
Contractor—San Francisco Oven Co., San Francisco. $1000

CLUB BLDG.
(3699) N POST 184-3 W Mason. 12-story and basement and sub-basement fireproof club bldg.
Owner—S. F. Elks Building Assn., 540 Powell St., San Francisco.
Architect—Meyer & Johnson, 742 Market St., San Francisco.
Contractor — R. McLeran Co., Hearst Bldg., San Francisco. $750,000

DWELLING
(3700) E FUNSTON AVE 30 N Fulton N 30-8xE 92-6. All work for two-story and basement frame dwlg.
Owner—Joseph C. and Julia Filippi, 1559 Palou Ave., San Francisco.
Architect—Antone Peterson, 2770 San Bruno.
Contractor — John R. Morrison, 3232 21st St., San Francisco.
Filed Oct. 2, '23. Dated Sept. 22, '23.
Frame up $2023.15
Brown coated 2023.15
Completed 2023.15
Usual 35 days..... 2023.15
TOTAL COST, $8092.50

Bond, none. Limit, 90 days after Oct. 3, 1923. Forfeit, plans and specifications, none.

APARTMENT BLDG.
(3701) E TRENTON 62-6 N Jackson N 50xE 56.
All work three-story and basement reinforced concrete class C apartment bldg.
Owner—Ah Louis.
Architect—Albert J. Fabre, & E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—Larsen-Siegrist Co., Inc, Claus Spreckels Bldg., S. F.
Filed Oct. 2, 1923. Dated Sept. 25, 1923.
Concr. poured to 2nd fir level..$5275
Rough concr & carp. work com..5275
White coated 5280
Completed & Accepted 5280
Usual 35 days 7040
TOTAL COST, $28,150

Bond, $7040; Sureties, Theo. Reuvelt; Forfeit $20; Limit 100 days; Plans and Specifications filed.

DWELLING
(3702) W KANSAS 100 N 23rd N 25 x W 100
All work for one-story frame residence and basement.
Owner—Wm. H. Miller, 472 Page Street.
Architect—None.
Contractor—Thomas F. Mitchell & Son, 1370 Utah St.
Filed Oct. 2, 1923. Dated Sept. 24, 1923.
Frame up $1375
Brown coated 1375
Completed 1375
Usual 35 days 1375
TOTAL COST, $5500

Bond, Sureties, Forfeit, none; Limit 120; Plans and Specifications filed.

RESIDENCE
(3703) E TWENTIETH AVE 100 S Norega S 25 x E 120. All work for 2-story and basement frame residence.
Owner—Mary E. & Jas. H. Miley, 22nd & Bryant Sts., S. F.
Architect—Thomas F. Mitchell & Son, 1370 Utah, S. F.
Contractor—Thomas F. Mitchell & Son, 1370 Utah, San Francisco.
Filed Oct. 2, 1923. Dated Sept. 24, 1923.
TOTAL COST, $6000
Contractors agree to take adjoining lot for $1500
As work progresses, balance in quarterly payments 4500

Bond, Sureties, Forfeit, none; Limit, 120 days; Plans and specifications filed.

DWELLINGS
(3704) SW ARMY AND SHOTWELL; S SHOTWELL 67 W Army, S. F. 2 1-story & basement frame dwlgs.
Owner—S. H. Verner, 711 Elizabeth St., San Francisco.
Architect—None. $3500 es

FLATS
(3705) N GROVE 131-6 W Ashbury. 2-story and basement frame (2) flats.
Owner—Theodore P. Merz, 31 Rosemont Place, San Francisco.
Architect—None. $8000

DWELLING
(3706) W UTAH 100 N 24th. 1-story and basement frame dwelling.
Owner—Sofi Nyman, 1236 Utah St., San Francisco.
Architect—None.
Contractor—Wm. H. Grahn, 2840 Bryant St., S. F. $3000

DWELLING
(3707) 120 GATES STREET. 1-story and basement frame dwelling.
Owner—Julian Koniski, premises.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Frank Pistora, 252 Dublin St., San Francisco. $3000

SHOPE & GARAGE
(3708) E SPEAR BET. FOLSOM & Harrison Sts. 1-story steel and corrugated iron shops and garage.
Owner — Great Western Smelting & Refining Co., 1605 Chronicle Bldg., San Francisco.
Architect — Morrow and Garren, 1605 Chronicle Bldg., S. F. $50,000

GARAGE
(3709) E SPEAR BET. FOLSOM AND Harrison Sts. 1-story steel and corrugated iron private garage.
Owner—Great Western Smelting and Refining Co., 1605 Chronicle Bldg., San Francisco.
Architect — Morrow & Garren, 1605 Chronicle Bldg., S. F. $2000

SHOP & GARAGE
(7710) E SPEAR BET. FOLSOM AND Harrison. 2-story steel and corrugated iron machine shop and garage.
Owner—Great Western Smelting and Refining Co., 1605 Chronicle Bldg., San Francisco.
Architect — Morrow and Garren, 1605 Chronicle Bldg., S. F. $4000

PUBLISHING PLANT
(7711) SW MISSION AND FIFTH STS. 3-story concrete publishing plant.
Owner—Ortega Investment Co., Chronicle Bldg., San Francisco.
Architect—Weeks and Day, 315 Montgomery St., San Francisco.
Contractor—K. E. Parker Co., Clunie Blk, San Francisco. $500,000

DWELLING
(7712) W ATHENS 50 S Italy. 1-story and basement frame dwelling.
Owner—A. Salve, 807 Athens St., San Francisco.
Contractor—John P. Cuneo, 5079 Mission St., S. F. $5000

DWELLING
(7713) E TWENTY-SIXTH AVE 160.11 S Balboa. One-story and basement frame dwelling.
Owner—R. Ryan, 619 27th Ave., S. F.
Architect—W. R. Lindeman, 619 27th Ave., San Francisco.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco. $5000

DWELLINGS
(7714) E THIRTY-FIRST AVE 30, 60, 90, 120 and 150 S Lincoln Way. Five one-story and basement frame dwellings.
Owner—James Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000 each

DWELLINGS
(7715) S DEWEY BLVD 185 and 235 W Pacheco. Two two-story and basement frame dwellings.
Owner—Walter G. Vodden, 1135 Cabrillo St., San Francisco.
Architect—Harold Stoner, Federal Bk. Bldg., S. F. $6000 each

ALTERATIONS
(7716) N CALIFORNIA 138 W Montgomery. Narrow down sidewalk and erect columns and beams to support same.
Owner—San Francisco Savings & Loan Society.
Architect—Herbert G. Shmidt, 251 Kearny St., San Francisco.
Contractor—Chas. Hayer Jr., Mills Bldg., San Francisco. $2500

RESIDENCE
(7717) LOT 24 BLK 10 ST. FRANCIS Wood. All work except plumbing, painting, shades, finish hardware, lighting fixtures and wall paper for 1-story frame residence and garage.
Owner—Milton D. & Edna K. Sapiro, 1st Natl. Bank Bldg., S. F.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—Henry Papenhausen, 532 3rd Ave., San Francisco.
Bond Oct. 3, 1923. Dated Sept. 27, 1923
2nd story ceiling joists in place $1720
Bldgs. completed 1720
Brown coated 3440
Completed and accepted 3440
Usual 35 days 7440
TOTAL COST, $13,760
Bond, $6880; Sureties, John Clervi, Jas. Bentley; Forfeit, none; Limit, 100 days; Plans and specifications filed.

(7718) PLUMBING, DRAINING, GAS fitting etc. on above.
Contractor—Higgins & Kraus, 730 Tehama St., San Francisco.
Bond Oct. 3, 1923. Dated Sept. 27, 1923
Rough plumbing done.....$609
Completed and accepted 609
Usual 35 days 407
TOTAL COST, $1625
Bond, Sureties, none; Forfeit, $5; Limit 35 days after carpenters work done; Plans and specifications filed.

(7719) PAINTING ON ABOVE
Contractor—E. Engel, 2519 Harrison St., San Francisco.
Bond Oct. 3, '23. Dated Sept. 27, '23.
Priming done $231
Completed and accepted..... 631
Usual 35 days..... 288
TOTAL COST, $1150
Bond, none. Limit, 20 days after carpenter work done. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Sept. 27, 1923—LOT 21 BLK 25, Santa Monica Way, St. Francis Wood. Dr. Maurice Heppner to Morrow & Garren.....Sept. 26, 1923
Sept. 27, 1923—N SACRAMENTO 137-6 E Scott E 68-9xN 127-8¾. Wm. Albert and Alexander Mensor to whom it may concern.....Sept. 26, 1923
Sept. 27, 1923—SW BEACH AND Grant Ave W 275xS 137-6. Otis Elevator Co to San Francisco Motor Drayage Co....Sept. 25, 1923
Sept. 26, 1923—NW BERTITA 107-6 N Mohawk NE 25x100. Florence S Leebody to The Greater City Lumber Co.....Sept. 22, 1923
Sept. 27, 1923—PTN LOT 30 BLK 24 St. Francis Wood Extn No. 2. Garden Homes Co to Mangels Bros .....Sept. 26, 1923
Sept. 28, 1923—E CAPP 97-6 N 25th N 22-6xE 115. F C Hamilton to whom it may concern..Sept. 28, 1923
Sept. 28, 1923—LOT 44 BLK 26, Lakeview.. Sigurd and Thine Larsen to whom it may concern..Sept. 27, 1923
Sept. 28, 1923—N BRANNAN AND Second NW 160xNE 100. Los Angeles Soap Co to Hahenicht & Howlett .....Sept. 24, 1923
Sept. 28, 1923—E TWENTIETH AVE 125 N Balboa N 25xE 120. Elias Behrend to H O Lindeman.....Sept. 28, 1923
Sept. 28, 1923—S HEARST AVE 100, 130, 160 W Foerster W 30xS 112-6. Moneta Inv Co to James Arnott & Sons.....Sept. 5, 1923
Sept. 28, 1923—HEARST AVE 190, 220 and 250 W Foerster W 30xS 112-6. Moneta Inv Co to James Arnott & Sons .....Sept. 6, 1923
Sept. 29, 1923—LOT 29 and Ptn Lot 30 Blk 2888 Map Blks. 2887-2888, Claremont Court Parcel 2. Oswald Savage to C F Parker..Sept. 27, 1923
Sept. 29, 1923—E THIRTY-EIGHTH Ave 200 N Fulton N 25xE 120. Louis Brader to whom it may concern.....Sept. 27, 1923
Sept. 29, 1923—LOT 41 BLK 2919A West Portal Park. E N and Mrs E N Moor to whom it may concern .....Sept. 27, 1923
Sept. 29, 1923—E TWENTY-FIFTH Ave 54 N Cabrillo E 120xN 27. G Hunseth to whom it may concern .....Sept. 29, 1923
Sept. 29, 1923—N MISSION & FREMONT NE 137-6xNW 137-6 Josephine C McCormick, Isabelle Cebrian, Beatrice Cebrian and Maria C de F de Caleya to J H Bender Roofing & Paving Co...Sept. 19, 1923
Sept. 29, 1923—W EIGHTH AVE 100 N Kirkham 25x120. F Carroll Reed to whom it may concern.....Sept. 28, 1923
Sept. 29, 1923—N CALIFORNIA 139-5 W Kearny W 56xN 137-6. Lurie Co to Vukicevich & Bagge.....Sept. 29, 1923
Sept. 29, 1923—S LAWTON 70 W Ninth Ave W 25xS 75. Dahlberg & Peterson to whom it may concern.....Sept. 29, 1923
Sept. 29, 1923—S LAWTON 95 W 9th Ave W 25xS 100. Dahlberg & Peterson to whom it may concern .....Sept. 29, 1923
Sept. 29, 1923—NW BATTERY AND Sacramento W 275xN 119-6. Federal Reserve Bank of S F to M V Kellogg & Son.....Sept. 27, 1923
Oct. 1, 1923—S CABRILLO 90 W Forty-third Ave W 50 S 110 E 20 N 5 E 25 N 75 E 5 N 31. A P Konkel and S I Volz to whom it may concern.....Sept. 24, 1923
Oct. 1, 1923—N MISSION bet. 3rd and 4th. The Roman Catholic Archbishop of S. F. to William F Cody .....Sept. 28, 1923
Oct. 1, 1923—COMG. 151-2 NW Howard and Fourteenth 149-6xN 114-9. Arthur J Rickey to Alexander Coleman.....Sept. 26, 1923
Oct. 1, 1923—NE OAKDALE 50 NW Newhall 50x100. Manuel Popesue to E J Gaspard.....Oct. 23, 1923
Oct. 1, 1923—W FIFTEENTH AVE 25 N Kirkham N 75xW 127-6. Daniel W and Lillian S Ross to whom it may concern.....Oct. 1, 1923
Oct. 1, 1923—SE BUSH AND Sansome 97x97 No. 60 Sansome. The Continental Inc Co. and The Fidelity Phoenix Fire Insurance Co of New York to Thomas Day Co... .....July 1, 1923
Oct. 1, 1923—NO. 731 SANSOME ST. Pacific Coast Syrup Co to Dinwiddie Constr. Co.....Sept. 29, 1923
Oct. 1, 1923—S GEARY 53 W 20th Ave. Wm G Gilmour to Meyer Bros.....Sept. 26, 1923
Oct. 1, 1923—W GRANADA AVE 250 from N Lakeview Ave Lot 44 Blk 12, Lakeview. Larns Erlendson to S Johnson.....Sept. 28, 1923
Oct. 1, 1923—W EIGHTEENTH AVE 225 N Fulton N 25xW 120. Michael McDonough to whom it may concern.....Sept. 29, 1923
Oct. 1, 1923—W EIGHTEENTH AVE 250 N Fulton N 25xW 120. Michael McDonough.....Sept. 29, 1923
Oct. 2, 1923—NE PINE & OCTAVIA 56 on Pine by 103. Daniel McKillop to McKillop Bros.....October 2, 1923
Oct. 2, 1923—N HAYES 130 E Clayton E 76-3xN 137-6. Joseph Pasqualetti to whom it may concern .....October 1, 1923
Oct. 2, 1923—E McCORMICK 73 S Pacific S 21-6xE 58-4. Annie L Grady to Matthew Brown.....Sept. 28, 1923
Oct. 2, 1923—NW GEARY AND Emerson W 107-6xN 100. Jacob Weissbein to Meyer Bros.....October 1, 1923
Oct. 2, 1923—S BRYANT 85 W 6th Milan E Vukicevich and Spencer B Bagge to whom it may concern .....Sept. 26, 1923
Oct. 2, 1923—N SUTTER E line of ppty is located 137-6 W Taylor 137-6 on Sutter by 137-6. George O Smith to Clinton Constr Co.... .....Sept. 29, 1923
Oct. 2, 1923—LOT 32 BLK 3177; Lot 2 Blk 3162, Westwood Park. Hans and Estner E Nelson to whom it may concern.....Sept. 29, 1923
Oct. 2, 1923—SE TWENTY-NINTH Ave and Ulloa 50x120. Mary Louise B Nicholson to Wilson & Benson.....Oct. 1, 1923
Oct. 2, 1923—S IRVING 95 W Third Ave W 50 xS 100. J J O'Neill to E K Nelson.....Oct 2, 1923
Oct. 2, 1923—W GRANADA AVE 300 N Lakeview Ave N 25xW 112-6 Lot 42 Blk 12, Lakeview. Leslie A and Selma Smith to Gus Carlson.....—
Oct. 2, 1923—LOT 18 BLK 25, Amended Map Ingleside Terrace. Emily and John F McLain to Urban Realty Imp Co.....Sept. 17, 1923
Oct. 2, 1923—LOT 12 BLK 3254, Balboa Terrace. Margaret Redding to Chas Coburn.....Oct. 1, 1923
Oct. 3, 1923—W TWENTY-FIFTH Ave 225 S Taraval S 25xW 120 Louise and Gust Georgiades to whom it may concern..Sept. 25, 1923
Oct. 3, 1923—LOT 25x120 on W 17th Ave 200 S Cabrillo. Peder P Johnsen to whom it may concern .....Oct. 23, 1923
Oct. 3, 1923—NW CLEMENT AND Twelfth Ave 120 on Clement by 50 on 12th Ave. Milton H Lees fmly Levin to Meyer Bros..Sept. 14, 1923
Oct. 3, 1923—E FLORIDA 89-11¾ N Army N 25xE 100. Jos and Elizabeth Booth to Thomas F Mitchell & Son.....Sept. 25, 1923
Oct. 3, 1923—LOTS 28 AND 29 BLK "D" Mission Terrace; Lot 7 and Ptn Lot 6 Blk "F" Mission Terrace Walter E Hansen to whom it may concern.....Oct. 2, 1923
Oct. 3, 1923—N FOURTEENTH 150 W Valencia W 25xN 105. F O and Maria A Kraul to Jos L Cuneo.... .....Oct. 2, 1923
Oct. 3, 1923—S GENEVA AVE 153 W Madrid. Max Christensen to whom it may concern....Oct. 2, 1923
Oct. 3, 1923—N BRANNAN AND Second NW 160xNE 100. Los Angeles Soap Co to Thos Carroll.. .....Sept. 28, 1923
Oct. 3, 1923—E TWENTY-THIRD Ave 25 S Balboa. Elizabeth M Smith to P H Gutterich.....August 25, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Sept 27, 1923—E TWENTY-SEVENTH Ave 175 N Geary — 25 E 127-6 th S 25 m or 1 W 130-2⅛ m or 1 to beg. Oakley Lumber & Mill Co vs Carl A Schneider.....$1307.50

Sept. 29, 1923—SW NORIEGA AND Ninth Ave — 57-6xS 50. J S Guerin vs D M Coghlan and Moe & Jackson $57.15

Sept. 29, 1923—W JONES 60 N Pacific N 20xW 68-9. White Brothers vs J Lichtenberg and Hyman Bros... .....$89.30

Oct. 1, 1923—S JERSEY 186-8 E Diamond E 26-8xS 114. John Cassaretto vs Jno W and Marie Caroll and S J Ellis.....$311.95

Oct. 1, 1923—S PALOU AVE 200 W Newhall W 125xS 100. James T Tobin vs T A Sourich.....$295

Oct. 1, 1923—S PALOU AVE 100 W Newhall W 75xS 100; S Palou Ave 100 E Phelps E 50xS 100. James T Tobin vs A Barsotti.....$402.50

Oct. 1, 1923—N 15 FT. LOT 14 and S 25 ft. Lot 15 Blk 3252, Balboa Terrace. Reinhart Lumber & Planing Mill Co vs C F Parker and Anna D and Bernard B Stimmel ..$1558.80

Oct. 3, 1923—SE TAYLOR AND Pacific S 30xE 90. John J Delucchi vs Louis Blum.....$610.90

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Oct. 3, 1923—E TWENTIETH AVE 200 N Irving N 25xE 120. Felix Richards, $160.18; Monihan & Slavin, $——; Reinhart Lumber & Planing Mill Co. $2751.92; R Kahler & Son, $60; Atlas Heating & Ventilating Co, $124 90 to J C and Florence E Gibson.....

Oct. 3, 1923—E TWENTIETH AVE 200 N Irving E 12xN 25. S Jenkins and C L Howard to J C Gibson $165

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Oct. 3, 1923—S SIXTEENTH ST., bet Guerrero and Valencia No. 3177 16th St. R D McElroy as to improvements on property.....

ARCHITECT'S CERTIFICATE

SAN FRANCISCO COUNTY

Sept. 28, 1923—GUSTAVE AARON has filed his certificate of architecture for San Francisco County.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4478	Dinwiddie	Dinwiddie	12765
4479	Jenkins	Starr	1725
4480	Brazier	Owner	4000
4481	Adams	Carpenter	3000
4482	Hughes	Davis	6500
4483	Gielow	Owner	3000
4484	Suendemann	Owner	1500
4485	Bd of Mission	Owneh	150000
4486	Noonan	Noonan	5000
4487	Wratten	Graham	6000
4488	Wise	Houch	4000
4489	Blaine	Houch	4000
4490	Fuller	Fuller	5000
4491	Gellenkamp	Frick	1500
4492	Donell	Tupper	3000
4493	Sigwald	Owner	4500
4494	Reid	Owner	2000
4495	Reed	Rich	5000
4496	Bastishi	Larmer	9700
4497	McCracken	Owner	2000
4498	Brower	Arthur	1850
4499	Callaghan	Sommarstrom	11000
4500	Schuler	Sommarstrom	7450
4501	Sibert	Shade	1500
4502	Thorne	Sconjers	2500
4503	Frazer	Owner	3500
4504	Myers	Munroe	6690
4505	Rankin	Owner	1800
4506	Johnson	Murch	7356
4507	Knowles	Westlund	28440
4508	Heagerty	Smith	11770
4508	Jackson	Owner	9000
4509	Short	Owner	9500
4510	Sterling	Texdahl	11850
4511	Hog	Texdahl	1000
4512	Meadley	Campbell	4500
4513	Rice	Owner	3500
4514	Frazier	Niska	2300
4515	Chamberlain	Pearson	5000
4516	Scanlon	White	5500
4517	Norgrove	Owner	4000
4518	Werner	Owner	2000
4519	Nichols	Owner	7700
4520	Noonan	Noonan	1500
4521	Alameda	Owner	2750
4522	Marquis	Owner	15000
4523	Cappero	Turpin	4000
4524	Lapham	Owner	4000
4525	Kirkpatrick	Johnson	8000
4526	Noole	Owner	3750
4527	Schultze	Kingren	2000
4528	Evans	Bardwell	5000
4529	Sundberg	Owner	4500
4530	Kennedy	Owner	1600
4531	Davis	Owner	3900
4532	Norris	Owner	3500
4533	Norris	Owner	3000
4534	Norris	Owner	3000
4535	Johnson	Kulchar	4000
4536	Sanders	Owner	3000
4537	Fisher	Owner	18000
4538	Lurie	Vukicevich	5000
4539	Page	Owner	6000
4540	Page	Owner	24000
4541	Stalder	Bruck	6000
4542	Rogers	Owner	10000
4543	Gregory	Pearson	7000
4544	Lyman	Allen	5000
4545	Porter	Owner	8000
4546	Engler	Owner	7000
4547	Davis	Nelson	28000
4548	Blake	Ahnefeld	12500
4549	Cal. Subd.	Gettis	1000
4550	Lorenzen	Bertelsen	10000
4551	Smith	Heyer	90000
4552	Oakland	Owner	10860
4553	Oakland	Owner	32300
4554	Livermore	Owner	40000
4555	Hill	Owner	3000
4556	Marshall	Owner	4500
4557	Hoore	Peters	2800
4558	Legris	Owner	2500
4559	Admeral	Owner	3000
4560	Davis	Owner	4000
4561	Progressive	Taylor	4850
4562	Kanenske	Grunewald	2500
4563	Muhoberac	Hooper	3950
4564	Blasingame	Owner	3000
4665	Darling	Owner	3500
4566	Brennan	Owner	3000
4567	Montein	Steffen	2500
4568	Gladstein	Lockhead	1500
4569	Brennan	Owner	6000
4570	Anderson	Owner	11080
3571	Holmes	Brasch	25000
4572	Hammarberg	Owner	5000
4573	Burnell	Thaxter	6000
4574	Williamson	Owner	1800
4575	Ward	Pfrang	7600
4576	Kaum	Gastman	1000
4577	Pollard	Owner	6000
4578	Lane	Wise	5000
4579	Hackett	Owner	1500
4580	McDermott	Owner	2000
4581	Boyd	Owner	1000
4582	Mazzuchi	Armelin	5500
4583	MacGregor	Owner	23100
4584	American	Oltman	2500
4585	Dodone	Owner	1500
4586	Argrella	Owner	5500
4587	Norlin	Nortin	4000
4588	Wong	Bobet	1000
4589	Castollotti	Esylee	2000
4590	Knust	Owner	9000
4591	Harbach	Doell	6500
4592	Jorgensen	Booth	3000
4593	Richards	Owner	4000
4594	Swafford	Knight	2750
4595	Davidson	Bay	1200
4596	Hollersted	Baker	3400
4597	Victor	Knowles	130000
4598	Porter	Cal.	15000
4599	Leballister	Holm	1500
4600	E H Cary	Foreman	5000
4601	Humpert	Owner	3000
4602	Hulma	Borden	2500
4603	Greuner	Owner	2000
4604	Felepe	Arada	3000
4605	Lehman	Owner	4400
4606	Lehman	Owner	4400
4607	Bernstein	Owner	1000
4608	Anderson	Owner	2500
4609	Sargent	Enge	4000

DWELLING
(4478) NO. 2815 OAK KNOLL, Berkeley. Two-story 12-room dwlg.
Owner—W. S. Dinwiddie.
Architect—None.
Contractor— Dinwiddie Constr. Co. Crocker Bldg., San Francisco. $12,76

REPAIRS
(4479) NO. 1809 SHATTUCK AVE., Berkeley. Fire repairs.
Owner—W. R. Jenkins, Premises.
Architect—None.
Contractor—C. M. Starr, 2019 Delaware St., Berkeley. $172

DWELLING
(4480) NO 14 CLAREMONT CRESCENT, Berkeley. One-story 6-room dwelling.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $400

DWELLING
(4481) NO. 1337 McGEE, Berkeley One-story 5-room dwelling.
Owner—W. H. Adams.
Architect—None.
Contractor — R. E. Carpenter, 250 Channing Way, Berkeley. $300

DWELLING
(4482) NO. 849 CONTRA COSTA, Berkeley. Two-story 7-room dwlg.
Owner—H. F. Hughes, 2405 Fulton St. Berkeley.
Architect—None.
Contractor—A. G. Davis, 1523 Grove St., Berkeley. $650

DWELLING
(4483) NO. 3052 WHEELER, Berkeley One-story 5-room dwelling.
Owner—C. F. Gielow, 3054 Wheeler St Berkeley.
Architect—None. $300

DWELLING
(4484) NO. 1908 EIGHTH ST., Berkeley. One-story 4-room dwelling
Owner—John Suendermann, 921 University Ave., Berkeley.
Architect—None. $150

CHURCH
(4485) NO. 2516 DURANT ST., Berkeley. Four-story Class A brick or concrete church.
Owner—Board of Missions, Nashville, Tenn.
Architect—J. A. Baylor, Louisville, Ky
To be let to lowest bidders. $150,00

DWELLING
(4486) W SIXTIETH AV. 200 N Avenal. Oakland. 1-story 6-room dwlg.
Owner—M. J. Noonan, 2481 60th Ave Oakland.
Architect—None.
Contractor—P. J. Noonan, 2481 60th Av. Oakland. $500

DWELLING
(4487) W CROSBY AVE. 161 S Harper St., Oakland. 1-story 8-room 2 family dwelling.
Owner—A. D. Wratten.
Architect—None.
Contractor—C. H. Graham, 1607 High St., Oakland. $600

DWELLING
(4488) N EVERETT AVE. 60 E Edgewood, Oakland. 1-story 4-rm. dwlg
Owner—Herbert D. Wise, 1201 Everett Ave., Oakland.
Architect—None.
Contractor—H. L. Houck. $400

DWELLING
(4489) N EVERETT AVE. 60 W Park Blvd., Oakland. 1-story 4-room dwelling.
Owner—Elizabeth Le Blaine, 4500 Park Blvd., Oakland.
Architect—None.
Contractor—H. L. Houck, 934 Alma Av Oakland. $40

DWELLING
(4490) 1051 FORTY-SIXTH AVE Oakland. 1-story 8-room 2-family residence.
Owner—Saral L. Fuller, 1051 46th Av Oakland.
Architect—None.
Contractor—Scott A. Fuller, 1051 46 Ave., Oakland. $50

ALTERATION
(4491) 487 FOURTEENTH ST., Oakland. Alteration.
Owner — Gallenkamp Stores Inc., 7 Market St., San Francisco.
Architect—None.
Contractor—Fink and Schindler, St Francisco. $15

ALTERATION
(4492) 270 E-EIGHTEENTH ST., Oakland. Alteration.
Owner—M. McDonell, 1108 E-33rd St., Oakland.
Architect—None.
Contractor—Thad Tuppor, 2316 Russell St., Berkeley. $3000

DWELLING
(4493) 2333 THIRTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—J. W. Sigwald, 3927 Agua Vista, Oakland.
Architect—None. $4500

DWELLING
(4494) E MAGEE AVE. 70 N Hopkins, Oakland. 1-story 4-room dwelling.
Owner—S. C. Reid, 3600 Hopkins St., Oakland.
Architect—None. $2000

ADDITION
(4495) 343 FORTY-FIRST ST., Oakland. Addition.
Owner—L. J. Reed, premises.
Architect—None.
Contractor—Jas. L. Rich, 743 Hillgirt Circle, Oakland. $5000

FLATS & STORES
(4496) S W COR. FIFTY-EIGHTH & Grove Sts., Oakland. 2-story 6-rm. flats and stores.
Owner—Geo. Bastishl.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Piedmont. $9700

DWELLING
(4497) N NINTH ST. 100 E Jackson, Oakland. 2-story 2-room dwelling.
Owner—Ida McCracken, 198 9th St., Oakland.
Architect—None. $2000

ALTERATION
(4498) SE COR GLEN & PIEDMONT Aves., Alteration
Owner—Brower & Biger, premises.
Architect—None.
Contractor—C. E. Arthur, 3137 Peralta Ave., Oakland $1850

FLATS
(4499) E GRAND AVE. 400 N Weldon, Oakland. 2-story 11-room flats.
Owner—Misses Callaghan, 1117 8th St., Oakland.
Architect—None.
Contractor — Sommarstrom Bros. Co., 306 4th St., Oakland. $11,000

STORES
(4500) NE COR. FORTY-EIGHTH AV. and E-14th St., Oakland. 1-story stores.
Owner—F. A. Schuler, 1109 Webster St. Oakland.
Architect—None.
Contractor — Sommarstrom Bros., 306 14th St., Oakland. $7450

DWELLING
(4501) W ONE HUNDRED THIRD Ave. 400 N Plymouth, Oakland. 1-story 3-room dwelling.
Owner—F. Sibert, 1731 103rd Ave., Oakland.
Architect—None.
Contractor—D. E. Shade, 1731 103rd Ave., Oakland. $1500

DWELLING
(4502) SE COR. EIGHTY-FIRST AVE and Michigan, Oakland. 1-story 5-room dwelling.
Owner—M. M. Thorne, 5150 Congress Ave., Oakland.
Architect—None.
Contractor—G. F. Sconjers. $2500

ALT & ADDITION
(4503) 893 FIFTY-FIFTH ST., Oakland. Alteration and addition.
Owner—J. Frazer, premises.
Architect—None. $3500

STORES
(4504) W BROADWAY 113 N College Ave., Oakland. 1-story brick stores.
Owner—Mrs. May Myers.
Architect—Miller & Warnecke, 414 13th St., Oakland.
Contractor—J. W. Munroe, 5538 Claremont Ave., Oakland. $6690

DWELLING
(4505) W EIGHTY-FIRST AVE. 170 S Olive St., Oakland. 1-story 3-room dwelling.
Owner—Bryan Rankin, 1656 84th Ave., Oakland.
Architect—None. $1800

GARAGE & PUMP HOUSE
(4506) SW COR. LIVINGSTON ST. & 19th Ave., extended, Oakland. Concrete garage and pump house except roller steel doors.
Owner—S. T. Johnson Co., 940 Arlington Ave., Oakland.
Architect—M. I. Diggs, 1901 Telegraph Ave., Oakland.
Contractor — Walter Murch, Federal Bldg., Oakland.
Filed Sept. 27 ,1923. Dated Sept. 27, 1923
End each month 75%
Usual 35 days 25%
TOTAL COST, $7356
Bond, Sureties, none; Forfeit, $10 day; Limit 30 days; Plans and specifications filed.

DWELLING
(4507) PTN LOT 6 MAP BELLEVUE Park, Piedmont. All work for 2-sto. and basement frame dwelling.
Owner — H. J. Knowles, 245 Lee St., Oakland.
Architect—Albert Farr and J. Francis Ward, 68 Post St.
Contractor—Fred J. Westlund, 351 12th St., Oakland.
Filed Sept. 27, 1923. Dated Sept. 27, 1923
1st and 15th day each month....75%
Usual 35 days 25%
TOTAL COST, $28,440
Bond, $14,220; Sureties, New Amsterdam Casualty Co.; Forfeit, $15 day; Limit, 130 days; Plans and specifications filed.

GARAGE ETC.
(4508) S COUNTY LINE FROM OAKland to San Leandro and NW 41st Ave., NW 50 SW 100. All work for 1-story tile and brick garage and sales room.
Owner—D. M. Heagerty, 4100 E 14th St., Oakland.
Architect—C. N. Burrell, American Bk. Bldg., Oakland.
Contractor—Geo. Smith, 3315 E-23rd St. Oakland.
Filed Sept. 26, 1923. Dated Sept. 26, 1923
Walls up to scaffold height.....15%
Trusses in place 15%
Plastered 15%
Mill work in place 15%
Completed and accepted 15%
Usual 35 days 25%
TOTAL COST, $11,770
Bond, Sureties, Forfeit, none; Limit, 45 days; Plans and specifications filed.

DWELLING
(4508) NO. 1334 EUCLID AVE., Berkeley. Two-story 6-room dwlg
Owner—Mrs. Jessie Short Jackson, 602 Stockton St., San Francisco.
Arfchitect—Archie T. Newsom, Nevada Bank Bldg., San Francisco. $9000

DWELLING
(4509) NO. 1338 EUCLID AVE., Berkeley. Two-story 6-room dwelling
Owner—J. V. Short, 1406 Euclid Ave., Berkeley.
Architect—None. $9500

DWELLING
(4510) NO. 1040 EUCLID AVE., Berkeley. Two-story 10-room dwlg.
Owner—J. W. Sterling.
Architect—None.
Contractor—C. Texdahl, 3575 Belgrave Place. Oakland. $11,800

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

ADDITION
(4511) 2027 SAN PABLO, Berkeley. Addition.
Owner—S. B. Hoy.
Architect—None.
Contractor—C. Texdahl, 6375 Belgrave Place, Berkeley. $1000

DWELLING
(4512) 1012 COLUSA, Berkeley. 1-sto. 5-room dwelling.
Owner—M. V. Meadley.
Architect—None.
Contractor—D. Campbell, 2421 Oregon St., Berkeley. $4500

DWELLING
(4513) 1517 HOPKINS, Berkeley. 1-story 5-room dwelling.
Owner—Geo. E. Rice, 1436 Berkeley Way, Berkeley.
Architect—None. $3500

DWELLING
(4514) 1223 PARKER ST., Berkeley. 1-story 4-room dwelling.
Owner—John Frazier.
Architect—None.
Contractor—Aaro Niska, 1139 Allston Way, Berkeley. $2300

DWELLING
(4515) 2433 ELLSWORTH, Berkeley. 1 story 3-room dwelling.
Owner—Chamberlain, 2431 Ellsworth, Berkeley.
Architect—Maybeck & White.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $5000

ADDITION
(4516) 2010 CENTER ST., Berkeley. Brick and concrete addition to garage.
Owner—C. W. Scanlon, 1643 Addison, Berkeley.
Architect—None.
Contractor — J. A. White, 1631 Edith, Berkeley. $5500

DWELLING
(4517) 1532 BEVERLY PLACE, Berkeley. 1-story 5-room dwelling.
Owner—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.
Architect—None. $4000

DWELLING
(4518) 2512 ACTON, Berkeley. 1-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St. Berkeley.
Architect—None. $2000

DWELLINGS
(4519) S E-THIRTY-EIGHTH 75 E Linwood Ave.
SE E-THIRTY-EIGHTH ST. AND Linwood Ave., Oakland. Two 1-story 5-room dwellings.
Owner—C. K. Nichols, 355 12th St., Oakland.
Architect—None. $3850 each

DWELLING
(4520) W SIXTIETH AVE 200 N Avenal Ave., Oakland. One-story 3-room dwelling.
Owner—M J. Noonan, 2481 60th Ave., Oakland.
Architect—None.
Contractor—P. J. Noonan, 2481 60th Ave., Oakland. $1500

DWELLING
(4521) N MADELINE 440 E Laurel, Oakland. One-story 5-room dwlg.
Owner—Alameda Invst. Co., Syndicate Bldg., Oakland.
Architect—None. $2750

DWELLINGS
(4522) NO. 1462, 1600, 1604, 1608, 1610, 1618 Seventy-second Ave., Oakland Six one-story 5-room dwlgs.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2500 ea

DWELLING
(4523) SW FIFTY-NINTH AND Racine, Oakland. One-story 5-room dwelling.
Owner—Joe Cappero, 4956 Desmond St., Oakland.
Architect—None.
Contractor—A. E. Turpin, 3429 E-14th St., Oakland. $4000

DWELLING
(4524) E SIXTY-SECOND AVE 160 N Fortune Way, Oakland. One-story 5-room dwelling.

Owner—Frank Lapham, 2451 61st Ave., Oakland.
Architect—None. $4000

DWELLING
(4525) N HAMPTON ROAD 500 W Moraga Road, Oakland. One-story 16-room dwelling, garage and shed
Owner — Mrs. C. B. Kirkpatrick, 227 Greenbank Ave., Oakland.
Architect—None.
Contractor — L. Johnson & Son, 227 Greenbank Ave., Oakland. $8000

DWELLING
(4526) S CLEVELAND 150 W Haddon Road, Oakland. One-story 5-room dwelling.
Owner—G. H. Noble, 1336 Park St., Oakland.
Architect—None. $3750

GARAGES
(4527) NE E-EIGHTEENTH AND S. F. O. T. Car Line, Oakland. Two tile garages.
Owner—J. L. Schultze, 618 Brooklyn Ave., Oakland.
Architect—None.
Contractor—J. T. Kingrea, 4116 Terrace St., Oakland. $2000

DWELLING
(4528) N BATES ROAD ROAD 100 E Mathews, Oakland. One-story 5-room dwelling.
Owner—Mrs. G. B. Evans, 1819 7th Av., Oakland.
Architect—None.
Contractor—C. E. Bardwell Jr., 2503 10th Ave., Oakland. $5000

DWELLING
(4529) E FIFTY-FIRST AVE 168 S Bond St., Oakland. One-story 6-room dwelling.
Owner—M. Sundberg, 4515 Bond St., Oakland.
Architect—None. $4500

SHED
(4530) 121 FOURTH ST., Oakland. Shed.
Owner—J. J. Kennedy & Son, premises.
Architect—None. $1600

DWELLING
(4531) SE COR. SIXTY-SECOND AVE. and Fortune Way. 1-story 6-room dwelling.
Owner—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. $3900

DWELLING
(4532) NW COR. THIRTEENTH AVE. and E-21st St., Oakland. 1-story 5-room dwelling.
Owner — Justus Norris, 524 17th St., Oakland.
Architect—None. $3500

DWELLING
(4533) W THIRTEENTH AVE. 60 N E-21st St., Oakland. 1-story 5-rm. dwelling.
Owner — Justus Norris, 524 17th St., Oakland.
Architect—None. $3000

DWELLING
(4534) N E-TWENTY-FIRST ST. 50 W 13th Ave, Oakland. 1-story 5-room dwelling.
Owner—Justus Norris, 524 17th St., Oakland.
Architect—None. $3000

ALTERATION
(4535) 1209 BROADWAY, Oakland. Alteration.
Owner—Ralph F. Johnson, San Francisco.
Architect—None.
Contractor—S. Kulchar, 8th Ave. & E-10th St., Oakland. $4000

DWELLING
(4536) 2724 E-TWENTY-SECOND ST Oakland. 1-story 4-room dwelling.
Owner—T. P. Sanders, 2925 Shattuck Ave., Berkeley.
Architect—None. $3000

DWELLING
(4537) 1253 1259 1265 HOLMAN RD., Oakland. 3 1-story 6-room dwlgs.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. $6000 ea

ALT & REPAIRS
(4538) N TWELFTH ST. BET. BDWY and Franklin, Oakland. Alteration and repairs.
Owner—Louis R. Lurle, Pine & Montgomery St., San Francisco.
Architect—None.
Contractor—Yukicevich & Bagge, 815 Bryant St., S. F. $5000

DWELLING
(4539) W FIFTY-SEVENTH AVE 36 & 72 N Holway, Oakland. 2 1-story 5-room dwellings.
Owner—M. Page, 2060 55th Ave., Oakland.
Architect—None. $3000 ea

DWELLINGS
(4540) NW COR. HOLWAY & FIFTY-seventh Ave.
N HOLWAY ST. 255-289 W 57th Avenue;
N HOLWAY ST. 85 119 153 187 221 W 57th Ave., Oakland. 8 1-story 5-room dwellings.
Owner—M. Page, 2060 55th Ave., Oak-
Architect—None. $3000 ea

DWELLINGS
(4541) LOTS 8, 9, 10 BLK N MAP Ivywood, Oakland. 2 1-story 4-rm. dwellings.
Owner—Paul & Gabrielle Stalder, 3619 E-10th St., Oakland.
Architect—None.
Contractor—Theo. Bruck, 1236 40th Ave Oakland.
Filed Sept. 29, 1923. Dated Sept. 24, 1923
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6000
Bond, Sureties, none; Forfeit, $1 day; Limit, 90 days; Plans and specifications filed.

DWELLINGS
(4542) NO. 531 AND 525 ARLINGTON, Berkeley. Two one-story 6-room dwellings.
Owner—C. M. Rogers, 540 San Luis Rd., Berkeley.
Architect—None. $5000 ea

REPAIRS
(4543) NO. 1401 LE ROY, Berkeley. Fire repairs.
Owner—Warren Gregory.
Architect—None.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $7000

DWELLINGS
(4544) NO. 2330 AND 2332 SACRAmento, Berkeley. Two one-story 4-room dwellings.
Owner—F. J. Lyman, 1121 Glen St., Berkeley.
Architect—None.
Contractor—John W. Allen, Lafayette, Calif. $2500 each

DWELLING
(4545) NO. 833 OXFORD ST., Berkeley One-story 6-room dwelling.
Owner—H. H. Portor, 2947 Piedmont Ave., Berkeley.
Architect—None. $8000

DWELLING
(4546) NO. 2847 RUSSELL S., Berkeley. Two-story 8-room dwlg.
Owner—Louis Engler, 2940 Forest Ave., Berkeley.
Architect—None. $7000

APARTMENTS
(4547) NO. 1770 ARCH ST., Berkeley. Two-story 26-room apartments.
Owner—J. O. Davis, Premises.
Architect—W. H. Ratcliff.
Contractor—H. P. Nelson, 1947 Blake St., Beerkeley. $28,000

FLATS
(4548) NO. 1611-13 OXFORD ST., Berkeley. Two-story 14-room flats.
Owner—J. E. Blake, 2209 Cedar St., Berkeley.
Architect—None.
Contractor — Harry Ahnefeld, 1969 Marin Ave, Berkeley. $12,500

DWELLINGS
(4549) NO. 920 CEDAR ST. and 1633 Seventh St., Berkeley. Two one-story 2-room dwellings.
Owner—Cal. Subdivision Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor—W. C. Gettis. $500 each

ALTERATIONS
(4550) N SEVENTEENTH ST. 200 W Telegraph, Oakland. Alterations.
Owner—H. Lorenzen and A. T. Baker, 416 13th St., Oakland.
Architect—None.
Contractor — S. J. Bertelsen, Dalziel Bldg., Oakland. $10,000

STORES & LOFT
(4551) W BROADWAY 100 S 19th St., Oakland. 4-story concrete stores & loft.
Owner—Smith Bros.
Architect—Wythe & Blairs, Central Bk Bldg., Oakland.
Contractor—Chas. W. Heyer Jr., Mills Bldg., San Francisco. $90,000

SCHOOLS
(4552) OAKLAND SCHOOL DISTRICT Oakland. Portable schools.
Owner—Oakland School Dept.
Architect—None. $10,860

ALTERATIONS
(4553) OAKLAND SCHOOL DISTRICT Oakland. Alterations.
Owner—Oakland School Dept.
Architect—None. $32,300

DWELLING
(4554) 5427 CLAREMONT AVE., Oakland. 1-story 5-room dwelling.
Owner—Mrs. Geo. D. Livermore, 5804 Canning St., Oakland.
Architect—None. $4000

DWELLING
(4555) 2636 SIXTY-THIRD AVE, Oakland. 1-story 5-room dwelling.
Owner—Hill & Walters, 1600 High St., Oakland.
Architect—None. $3000

DWELLING
(4556) S ALCATRAZ AVE. 115 W Racine St., Oakland. 1-story 5-room dwelling.
Owner—Howard Marshall, 581 48th St. Oakland.
Architect—None. $4500

DWELLING
(4557) 1926 ASH ST., Oakland. 1-story 5-room dwelling.
Owner—Mary A. Moore, 1631 83rd Ave., Oakland.
Architect—None.
Contractor—L. A. Peters, 2485 Davis St Oakland. $2800

DWELLING
(4558) S PRINCETON AV. 100 W Cole Oakland. 1-story 4-room dwelling.
Owner—W. T. Legris, 1609 Seminary Ave., Oakland.
Architect—None. $2500

DWELLING
(4559) S WELD ST. 190 E 73rd Ave., Oakland. 1-story 4-room dwelling.
Owner—Donald Admiral, 109 Montecito Ave., Oakland.
Architect—None. $3000

DWELLING
(4560) 4496 PAMPAS AVE., Oakland. 1-story 6-room dwelling.
Owner—C. J. Davis, 1052 Capp St., Oakland.
Architect—None. $3000

PLATING WORKS
(4561) NE COR. TWENTY-SEVENTH and Alicia Sts., Oakland. 1-story plating works.
Owner — Progressive Plating Works, 27th and San Pablo, Oakland.
Architect—None.
Contractor—Geo. H. Taylor, 2515 Market St., Oakland. $4850

DWELLING
(4562) 5941 SHAFTER AVE., Oakland. 1-story 4-room dwelling.
Owner—C. Konenske, 5373 Boyd Ave., Oakland.
Architect—None.
Contractor—F. Grunewald, 5408 Bryant St., Oakland $2500

DWELLING
(4563) W SIXTY-FOURTH AVE. 243 N Avenal, Oakland. 1-story 6-room dwelling.
Owner—John Muhoberac.
Architect—None.
Contractor—C. E. Hooper, Haywards, Oakland. $3950

DWELLING
(4564) E ONE HUNDRED NINTH AV. 200 S Hollywood Blvd., Oakland. 1-story tile dwelling.
Owner—G. R. Blasingame, 3700 San Juan, Oakland.
Architect—None. $3000

DWELLING
(4579) N HILLSIDE bet. 90th and 92nd Aves., Oakland. 1-story 4-rm. dwelling.
Owner—A. & C. Haskett, 3136 West St. Oakland.
Architect—None. $1500

DWELLING
(4580) W FRUITVALE AVE. 1200 N Hopkins, Oakland. 1-story 5-room dwelling.
Owner—R. A. McDermott, 3346 Arkansas St., Oakland.
Architect—None. $2000

DWELLING
(4581) S JOAQUIN MILLER RD., Oakland. 1-story 5-room dwelling.
Owner—T. H. Boyd.
Architect—None. $1000

FLATS & STORE
(4582) 4514 MARKET ST., Oakland. 2-story 6-room flats and store.
Owner—M. A. Mazzuchi, 896 45th St., Oakland.
Architect—None.
Contractor—J. Armelin, 896 45th St., Oakland. $5500

DWELLING
(4583) 966 972 978 984 990 996 FORTIeth St., Oakland. 6 1-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $3850 each

SHED
(4584) S E-TWELFTH ST. 55 W 19th Ave., Oakland. Shed.
Owner—American Oak & Hardwood Co.
Architect—None.
Contractor—H. Oltman, 2204 E 25th St., Oakland. $2500

ALT. & ADDITION
(4585) 4481 HOWE ST., Oakland. Alterations and addition.
Owner—Michele Dodone, premises.
Architect—None. $1500

DWELLING
(4586) W SEVENTY-THIRD AVE. 150 N E-14th St., Oakland. 1-story 8-room 2-family dwelling.
Owner—A. J. Agrella Jr, 1512 78th Ave. Oakland.
Architect—None. $5500

DWELLING
(4587) 2000 EIGHTY-FOURTH AVE., Oakland. 1-story 6-room dwelling.
Owner—Mrs. Norlin, 2016 84th Ave., Oakland.
Architect—None.
Contractor—R. Norlin, 2016 84th Ave., Oakland. $4000

RANGE
(4588) 722 FRANKLIN ST., Oakland. Brick range.
Owner—Wong Loy, premises.
Architect—None.
Contractor—J. Bobet, 3764 Telegraph Ave., Oakland. $1000

DWELLING
(4589) W WEST ST. 160 N 47th St., Oakland. 1-story 4-room dwelling.
Owner—J. B. Costollotti, 4726 West St. Oakland.
Architect—None.
Contractor — A. Eyslee, 414 48th St., Oakland. $2000

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

DWELLINGS
(4590) E SEVENTY-FIFTH AVE. 88 128 168 208 N Hamilton, Oakland. 4 1-story 4-room dwellings.
Owner—Knust & Borden, 5836 Foothill Blvd., Oakland.
Architect—None. $2250 ea

APARTMENTS
(4591) LOTS 9 & 10 LAKESHORE Subdivision Adams Point, Oakland Plumbing and steam heating for 3-story and basement apts.
Owner—W. L. Harbach, 432 Bellevue Ave., Oakland.
Architect—Louis M. Upton, 454 Montgomery St., S. F.
Contractor—Carl T. Doell, 467 21st St. Oakland.
Filed Oct. 2, 1923. Dated Sept. 28, 1923.
Roughed in $2500
Completed and accepted 2375
Usual 35 days 1625
TOTAL COST, $6500
Bond, Sureties, Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

DWELLING
(4592) LOT 3 BLK 4 MAP KEY ROUTE Terrace, Oakland. 1-story 4-room dwelling.
Owner — Miss Sophia Jorgensen, 1074 18th St., Oakland.
Architect—None.
Contractor—W. I. Booth, Berkeley.
Filed Oct. 2, 1923. Dated Oct. 1, 1923.
Hereby acknowledged $2700
Completed and accepted 300
TOTAL COST, $3000
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

DWELLING
(4593) NO. 1738 ADDISON ST., Berkeley. One-story 6-room dwlg.
Owner—T. J. Richards, 1749 Addison St., Berkeley.
Architect—None. $4000

DWELLINGS
(4594) No. 1707, 1707-A, 1711, 1711-A Lincoln St., Berkeley. Four one-4-room dwellings.
Owner—Chas. C. Swafford, 2835 Grove St., Berkeley.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. $2750

OFFICE
(4595) NW DANA AND DWIGHT, Berkeley. Office.
Owner—Yowella M. Davidson, 2519 Colby St., Berkeley.
Architect—None.
Contractor—Bay Constr. Co., 412 Madison St., Oakland. $1200

DWELLING
(4596) NO. 1322 VERSAILLES AVE., Alameda. One-story 5-room dwlg.
Owner—C. Hollersted, 1327 Court St., Alameda.
Architect—None.
Contractor—Baker Bros., 2232 11th Ave., Oakland. $3400

FACTORY
(4597) FT SEVENTY-EIGHTH AVE., Oakland. 2-story brick & concrete factory.
Owner—Victor Talking Machine Co.
Architect—None.
Contractor—Wm. Knowles, Cent. Bank Bldg., Oakland. $130,000

APARTMENTS
(4598) N FORTIETH ST. 300 W Webster St., Oakland. 2-story 16-room apartments.
Owner—C. Porter.
Architect—None.
Contractor — Cal. Builders Co., 1634 Franklin St., Oakland. $15,000

ALTER & ADDITION
(4599) 9925 E-FOURTEENTH ST., Oakland. Alter and addition.
Owner—E. Leballister, premises.
Architect—None.
Contractor—L. R. Holm Co., 325 Dowling Bldg., San Leandro. $1500

DWELLING
(4600) E SIXTY-EIGHTH AVE. 300-340 S Rudsdale St., Oakland. 2 1-story 4-room dwellings.
Owner—E. H. Cary.
Architect—None.
Contractor—Foreman & Watson, 4330 Pampas Ave., Oakland. $2500 ea

DWELLING
(4535) 5400 CLAREMONT, Oakland. 1-story 5-room dwelling.
Owner—Darling & Geary, Federal Bldg. Oakland.
Architect—None. $3500

DWELLING
(4536) 890 FIFTY-SECOND ST., Oakland. 1-story 5-room dwelling.
Owner—M. Brennan 4923 Telegraph Av. Oakland.
Architect—None. $3000

ADDITION
(4537) 2109 THIRTY-FOURTH AVE., Oakland. Addition.
Owner—S. Montell, premises.
Architect—None.
Contractor—G. W. Steffen, 1941 Crosby Ave., Oakland. $2500

ALTERATION
(4538) 1535 CYPRESS ST., Oakland. Alteration.
Owner—J. Gladstein, 575 27th St., Oakland.
Architect—None.
Contractor—A. Lockhead, 732 Madison St., Oakland. $1500

DWELLING
(4539) 894 & 898 FIFTY-SECOND ST. Oakland. 2 1-story 5-room dwlgs.
Owner — Martin Brennan, 4923 Telegraph Ave., Oakland.
Architect—None. $3000 ea

APARTMENTS
(4540) N FIFTY-FOURTH ST. 100 E Genoa, Oakland. 2-story 16-room apartments.
Owner—Chas. Anderson, 844 54th St., Oakland.
Architect—None. $11,000

STORES & LOFT
(4541) NE COR. FIFTEENTH AND Franklin Sts., Oakland. 2-story concrete and tile stores and loft.
Owner—H. C. Holmes, 2735 Elmwood Oakland.
Architect—None.
Contractor—M. P. Brasch, 392 17th St., Oakland. $25,000

DWELLING
(4542) NO. 863 Indian Rock, Berkeley Two-story 6-room dwelling.
Owner—Albert Hammarberg, 743 Alcatraz Ave., Oakland.
Architect—None. $5000

DWELLING
(4543) NO. 1647 WALNUT, Berkeley. Two-story 8-room dwelling.
Owner—L. M. Burnell, 2033 Virginia St., Berkeley.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $6000

DWELLING
(4544) NO. 1522 ADDISON, Berkeley. One-story 4-room dwelling.
Owner—L. M. Williamson, Walnut Creek, Calif.
Architect—None. $1800

DWELLING
(4545) NO. 1201 SAN PABLO AVE., Berkeley. One-story 7-room dwlg.
Owner—J. A. Ward, Hercules, Calif.
Architect—None.
Contractor—H. C. Pfrang, 3659 Ocean View Drive, Oakland. $7600

FIRE REPAIRS
(4546) NO 1405 LE ROY, Berkeley. Fire repairs.
Owner—A. Kaum, Premises.
Architect—None.
Contractor—H. H. Gastman, 1263 Euclid Ave., Berkeley. $1000

DWELLINGS
(4547) NO. 1401 FRANCISCO and No. 1732 Acton St., Berkeley. Two one-story 5-room dwellings.
Owner—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—None. $3000 each

DWELLINGS
(4548) 6430 & 6436 FOOTHILL BLVD., Oakland. 2 1-story 4-room dwlgs.
Owner — C. C. Lane, 25 3rd St., San Francisco.
Architect—None.
Contractor—M. F. Wise, 3248 Chestnut St., Oakland. $2500 ea

DWELLING
(4601) W TWENTY-EIGHTH AVE. 300 E-14th St., Oakland. 1-story 5-room dwelling.
Owner — Wm. F. Humpert, 1279 78th Ave., Oakland.
Architect—None. $3000

DWELLING
(4602) E SEMINARY AVE. 80 N Hamilton St., Oakland. 1-story 4-room dwelling.
Owner—T. R. Huling, San Bruno, Cal.
Architect—None.
Contractor—F. W. Borden, 5836 Foothill Blvd., Oakland. $2500

FOUNDATION
(4603) NE COR. SANTA CLARA AND Van Buren, Oakland. Concrete foundation.
Owner—W. Greuner, 178 Grand Ave., Oakland.
Architect—None. $2000

DWELLING
(4604) E ONE HUNDRED NINTH AV. 280 N Voltaire Ave., Oakland. 1-story 5-room dwelling.
Owner—M. S. Felepe, Fort Bragg, Cal.
Architect—None.
Contractor—Thos. Arada, 861 Oak St., Alameda. $3000

DWELLING
(4605) 1334 WELLINGTON AV., Oakland. 1-story 6-room dwelling.
Owner—J. Lehman, 959 Apgar St., Oakland.
Architect—None. $4400

DWELLING
(4606) E WELLINGTON AVE. 175 S Park Blvd., Oakland. 1-story 6-rm. dwelling.
Owner—J. Lehman, 959 Apgar St., Oakland.
Architect—None. $4400

STORES
(4607) 3509 THIRTY-EIGHTH AVE., Oakland. 1-story stores.
Owner—I. Bernstein, 4121 Maybelle Ave., Oakland.
Architect—None. $1000

DWELLING
(4608) W EIGHTY-FIFTH AVE. 80 S Holly St., Oakland. 1-story 4-room dwelling.
Owner — — Anderson & Keeney, 2610 Orange Ave., Oakland.
Architect—None. $2500

DWELLING
(4609) NO. 6020 CAMDEN ST., being Lots 27 & 28 Blk 4 Chevrolet Park, Oakland. 1-story 5-room dwelling.
Owner—Daniel W. Sargent, 6020 Camden St., Oakland.
Architect—Wm. J. Wilkinson, Commercial Bldg., Oakland.
Contractor—George Enge, Commercial Bldg., Oakland.
Filed Oct. 3, 1923. Dated Sept. 14, 1923.
Enclosed ..... ¼
Plastered ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $4000
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Sept. 27, 1923—LOTS 8 AND 9 BLK 2, Resbdvn Hollywood, San Leandro. S Victor Davidow to R. E. Niekirk. .....Sept. 27, 1923
Sept. 27, 1923—LOT 39 and 12½ Lot 40 Blk 2, Havenscourt, Oakland. John Porter to whom it may concern.....Sept. 26, 1923
Sept. 27, 1923—E BROADWAY 55 N Twelfth St. N 45xE 100, Oakland. The Oakland Bank to Forderer Cornice Works..... .....Sept. 18, 1923
Sept. 27, 1923—NO. 160 SANTA ROSE Ave., Oakland. Anne Rutherford and Nels J Nelson to whom it may concern.....Sept. 15, 1923
Sept. 27, 1923—35 FT. LOT 11 and 5 ft. Lot 11 Map Port Liese Tct., Oakland. Emma Brennan to Jos Flittner.....Sept. 26, 1923
Sept 27, 1923—LOT 29 BLK 5, Thousand Oaks Station Tract, Berkeley. H C Anderson to whom it may concern.....Sept. 27, 1923
Sept. 28, 1923—SE 15 LOT 15 and NW 25 Lot 13 Map College Court, Oakland. Louis T Payne to whom it may concern.....Sept. 28, 1923
Sept. 28, '23—LOT 62 BLK 870 Forest Park Tract, Oakland. Katherine Swanson to Veteran Constr Co... .....Sept. 22, 1923
Sept. 29, 1923—LOT 8 BLK 5 Map 4th Ave Heights, Oakland. Anna Emelyn Candlin to S R Gaddis..... .....Sept. 28, 1923
Sept. 29, 1923—LOT 15 BLK "M", Oakland Highlands Tract, Oakland Herbert C Cameron to whom it may concern.....Sept. 28, 1923
Sept. 29, 1923—N SCHOOL ST. 145 W Boston Ave., Oakland. Eva D and Frank H Hawkes to W F Sand .....Sept. 24, 1923
Sept. 29, 1923—LOTS 11 AND 12 BLK "C" San Louis Court Trace, Berkeley. Kellogg & Frances B Van Winkle to Roy O Long Co..... .....Sept. 27, 1923
Sept. 29, 1923—NE 36 LOT 39 BLK 1, Boulevard Park Tract, Oakland. Orson R Clark to whom it may concern.....Sept. 29, 1923
Sept. 29, 1923—NO. 368 EUCLID AV., Oakland. F L Hodkins to Jomes L Rich.....Sept. 27, 1923
Sept. 29, 1923—LOT 11 BLK 22 Map Resbdvn Ptn North Cragmont, Berbeley. Oscar I Runnels to whom it may concern.....Sept. 28, 1923
Sept. 29, 1923—S PARKER 120 W McGee Ave W 40xS 132-6, Berkeley. Filmin Lavigne to whom it may concern.....Sept. 28, 1923
Sept. 29, 1923—LOTS 18 AND 19 Map Resbdvn Montgomery Tract, Oakland. J J and Nora O'Connell to J F Loughery.....Sept. 28, 1923
Sept. 28, 1923—LOT 5 BLK 1, Map Upper Claremont, Berkeley. Mrs. E M Dondero to John O Beach... .....Sept. 22, 1923
Sept. 28, 1923—LOT 14 BLK "B" Map Resbdvn Blks A, B, C, D, E and F Map No. 3, Roberts & Wolfskill Tct., Oakland. Cora M Lewis to F W Thaxter.....Sept. 24, 1923
Sept. 28, 1923—LOT 11 BLK 10 Map Mathews Tract, Berkeley. Adolphus M and Minnie Chandler to J C Beach.....Sept. 20, 1923
Sept. 27, 1923—E BROADWAY 55 N Twelfth St. N 45xE 100, Oakland. The Oakland Bank to Pacific Rolled Metals Co.....Sept. 26, 1923
Oct. 1, 1923—NO. 2538 109TH AVE., Oakland. Chas W Slack to whom it may concern.....Sept. 29, 1923
Oct. 1, 1923—LOT 28 BLK 5, Map Melrose Heights, Oakland. H M Haera to A Anderson...Sept. 7, 1923
Oct. 1, 1923— WACTON ST., No. 2904, Berkeley. Albert G Timm to John Lehman.....Sept. 25, 1923
Oct. 1, 1923—PTN LOT 22 Map Ardsley Heights, Oakland. Alice L Housberger to H L Vallerot and H L Butler .....Sept. 26, 1923
Oct. 1, 1923—PTN LOT 10 BLK 27, Map Melrose Heights, Oakland. J C Goudey to Chas J K Koester & Son.....Oct. 1, 1923
Oct. 1, 1923—LOT 11 BLK 4 Map Hotel Claremont Tract, Berkeley. Catherine F and Herbert P Atkinson to Ben Pearson...Sept. 25, 1923
Oct. 2, 1923—S SNAKE ROAD 380 E Moraga Road E 60xS 200, Oakland. Cleveland L Gray to Carl C Lassen .....October 1, 1923
Oct. 2, 1923—LOT 37 BLK "A" Map Lower Piedmont Park, Piedmont. Carl C Lassen to whom it may concern.....Octtober 1, 1923
Oct. 2, 1923—PTN LOT 5 BLK 15 Map Ppty Berkeley Villa Ass'n, Berkeley. Jno M and Lena A Stocker to E M Willamson & Son.....October 2, 1923
Oct. 2, 1923—SE FOOTHILL BLVD and Fifty-fifth Ave., Oakland. S and R J Prout to Barr & Son... .....Sept. 22, 1923
Oct 2, 1923—SW TWENTY-SECOND and Market 163x242, Oakland. Monadnock Co to Brinwiddie Constr Co.....Aug. 9, 1923
Oct. 2, 1923—LOT 52 BLK 6 Map Resubdivision Ptn North Cragmont, Berkeley. A D Whearty to whom it may concern.....Sept. 29, 1923
Oct. 2, 1923—E ADELINE 203-4 N Twelfth N 36-2xE 122, Oakland. Louis A Pastorino to H Elmer Johnson.....Aug. 27, 1923
Oct. 3, 1923—NO. 1008-10 E-THIRTY-third St., Oakland. Earl B Leonard to whom it may concern..Oct. 3, 1923
Oct. 3, 1923—LOT 1 BLK 1 Ma Clifton Park, Oakland. Jenn Matheyer to L B Matheyer Co.. .....Sept. 20, 1
Oct. 3, 1923—LOT 2 BLK 1, Ma Clifton Park, Oakland. Jenn Matheyer to L B Matheyer & C .....Sept. 20, 1
Oct. 3, 1923—SE HOPKINS ST. AN Wilson Ave 38x130, Oakland. Waage to whom it may concern .....Oct. 2, 1
Oct. 3, 1923—MELROSE line fro 57th Ave. to Church St., Oakland Southern Pacific Co to Hutchinso Co.....Oct. 1, 1
Oct. 2, 1923—N PTN LOT 4 BLK Map East Piedmont Heights, Oakland. F J Woodsock to B Schmidt.....Oct. 1, 1
Oct. 2, 1923—NO. 5700 FLEMIN Ave., Oakland. Frank Owen t Walter B Dickie.....Sept. 20, 1
Oct. 2, 1923—NO. 5630 FLEMING AV Oakland. Frank Owen to Walte B Dickie.....Sept. 20, 1

LIENS FILED

ALAMEDA COUNTY

Recorded Amo

Sept. 27, 1923—Lot 19, BLK B M Central Terrace, Oakland. Geo. I Prentice vs. Delie J. Braves and W B. Wilson .....$
Sept. 27, 1923—NW FOURTEENTI Ave. 65 NE E-18th St., Oaklanc Contra Costa Building Material Co. vs. Marie Angello $175
Sept. 25, 1923—3830 ALLENDALI Ave., Oakland. C. C. Carman vs. K mer Bros. & E. C. Kramer.....$
Sept. 28, 1923—527 ATHOL AVE Oakland. A. Angelo vs C. C. Wil liams & Isabella S. Williams....
Sept. 28, 1923—270 LESTER AVE Oakland. A. Angelo vs Margra Prada & C. C. Williams.....
Sept. 28, 1923—656 HILLGRIT CIR cle, Oakland. A. Angelo vs John Billings & C. C. Williams.....
Sept. 28, 1923—S ISABELLA 355 W San Pablo W 39 x S 139-2½, Oakland. N. Gaubert, A. Morilhat vs P & Marie Nauco $3947
Sept. 28, 1923—LOT 18 BLK 9 Ma Lakemont, Oakland McGowan & O'Connor vs Josephine A Wrigh and Harry Williams.....$
Sept. 29, 1923—S BROOKDALE AVE being No. 5417, Oakland. Van I Henderson, $250; Mayer Mfg Co. $262; Rhodes-Jamieson & Co $102.80; W J Taber (Oakland Roof ing Co), $90 75 vs W B Wilson and Delie Graves .....
Sept 29, 1923—SW SECOND & GROVE 75x100, Oakland. William H C Down vs Muller Bros.....$70
Sept. 29, 1923—SW CLEVELAND AV 130 SE Chicago Ave being Lots 96 97 and 98 Map Ppty Capitol Homestead Ass'n., Oakland. Morton A Williams and Ralph E Wastell vs Margaret Fay Coughlin.....$123
Sept. 29, 1923—LOTS 2 AND 3 BLK "L" Foothill Park, Oakland. Henry Cowell Lime & Cement Co vs Frat P Swansick, Geo Hill and J W Walters $46
Sept. 29, 1923—SE BROADWAY AND Grand Ave E 150xS 73.27, Oakland G A Scott vs Irene M Roos.....$
Oct. 2, 1923—LOT 19 BLK "B" Central Terrace, Alameda. E L Macy vs Zelie Brades and W B Wilson $1
Oct. 2, 1923—LOT 11 BLK 10 Map Melrose Heights, Oakland. Oakland Building Materials Co vs D H Goodrich and Kate and V Fitzhugh, S Rollins and Morris Swick $117
Oct. 2, 1923—(1) LOT 11 & S Ptn Lot 12 Blk "F" Map Peralta Heights; (2) Lot 99 Map Ppty Capitol Homestead Ass'n; (3) Lot 19 Blk 19 Map Lakeshore Highlands, Oakland. D J Canty Co (Century Paint Co.) vs Chas C and Isabella Stuart Williams and Margaret C Parda .....$123.
Oct. 2, 1923—LOT 21 College Court, Oakland. Melrose Lumber & Supply Co vs Charles Bunny and Vigo Lambrecht .....$845.
Oct. 3, 1923—LOT 52 BLK 6 Map Resubdivision Port North Cragmont, Berkeley. R H Buck vs A D and Gladys L Whearty and D Condon $1

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Oct 1, 1923—LOT 2 BLK "C" Map Lakeshore Hills, Oakland. Cadillader-Gibson Co to Jessie J and R T Welch and G L Rosebrook $216

Notice of Non-Responsibility

ALAMEDA COUNTY

Sept. 27, 1923—LOTS 28 AND 29 BLK "I" Map Laurel Grove Park, Oakland. H W Meek Estate, Inc. to improvements on property

EXTENSION OF BUILDING CONTRACT

ALAMEDA COUNTY

Oct 2, 1923—Southern Pacific Co. with Hutchinson Co., extend time 60 days contract dated July 31, 1923.

OAKLAND BUILDING TOTALS FOR SEPTEMBER, 1923

Classification of Bldgs.	No. of Permits	Cost
Factory dwellings.....	322	$ 932,881
1-dwelling & store..	1	2,800
1 & 2-fmly dwelling...	5	24,700
3 & 4-fmly dwelling...	1	9,000
1 & 2-story dwellings....	3	18,500
Factory dwellings.....	11	83,465
1-dwelling & stores.	1	6,000
Factory flats.....	5	46,100
Factory flats & stores...	2	20,700
Factory apartments.....	9	127,900
1-apts. & stores.....	1	11,000
Factory apartments.....	1	27,000
Factory stores.....	3	12,950
Factory studio.....	1	6,000
Roadstand	1	3,600
Factory factory.....	1	9,000
Factory office.....	1	500
Factory church.....	1	3,500
Portable schools.....	1	10,860
Factory church.....	1	6,000
Factory tile garage.....	4	4,900
Factory concrete garage	5	1,600
1-conc. store&hall..	1	80,000
1-conc. stores&loft..	1	90,000
Factory conc stores&loft .....Add'l cost		7,000
1-conc & tile stores & loft	1	25,000
Factory brick garage...	1	21,400
Factory brick stores...	3	27,690
1-brick garage&boiler house	1	12,000
1-brick warehouse & addition	1	35,000
Factory brick laundry..	1	44,000
1-bricy apts& stores	1	22,000
1-brick apartments..	1	70,000
1-k addition.....	2	77,000
1-steel service stn..	1	3,100
1-garages & sheds...	311	61,298
1-sq frames.....	3	7,085
1-tric signs.....	11	2,890
1-t signs.....	1	1,400
1-tions	116	80,005
1-rations & repairs..	119	111,472
Total	1037	$2,147,296

SUMMARY

1-construction.....	838	$2,035,924
1-rations & repairs..	119	111,472
Total	1037	$2,147,296

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 5-room, $4977.14; Sacramento; owner, Francis Carr Jr.; contractor, C. A. La Montague; dated Sept. 4, 1923; filed Sept. 22, 1923.

REPAIR HOUSE and Install flats, $5000; Lots 15 & 16 Leitch Tract, Sacramento; owner, Rose C. Fassett, 3201 W, Sacramento.

RAISE DWELLING & install floor for garage, $5000; Lot 1, O-P-4-5, Sacramento; owner, Geo. Anastasion, 400 O, Sacramento; Contractor, J. M. Hutchinson, 1816 28th, Sacramento.

DWELLING, 2-story 11-room and garage, $10,000; 1001 45th, Sacramento; owner, M. J. Machado, 1219 X, Sacto.; contractor, M. F. Terra, 2315 9th, Sacramento.

DWELLING, one-story 5-room and garage, $3300; No. 2305 D St., Sacramento; owner, H Kimbrough, 5th and I Sts., Sacramento; contractor, Davis & Rugg, 3200 S St., Sacramento.

DWELLING, 1-story 4-room, and garage, $2500; 4040 11th Ave., Sacramento; owner, Wylan Tyler, Rte 4 Box 878, Sacramento.

DWELLING, 1-story 5-room, and garage, $4500; 1320 W, Sacramento; owner, Amelia Valine, general delivery, Sacramento; contractor, F. L. Terra, 1712 W, Sacramento.

STORE & DWELLING, 2-story and basement, $10,000; 1112 3rd, Sacramento; owner, Bloomberg Bros., 1021 2nd St., Sacramento; contractor, D. Tattl, 2118 O, Sacramento.

DWELLING 1-story 5-room, and garage, $3000; 4117 T, Sacramento; owner, Greene & Harrigan; contractor, H. G. Birdsall.

DWELLING, one-story 5-room and garage, $2750; No. 221 30th St., Sacramento; owner, C. H. S. Bidwell; contractor, E. D. Brier.

DWELLING, one-story 5-room and garage, $2700; No. 1123 48th St., Sacramento; owner, Greene & Harrigan, 708 J St., Sacramento; contractor, H. G. Birdsall, 1503 13th St., Sacramento.

DWELLING, one-story 5-room and garage, $3000; No. 2625 F St., Sacramento; owner, N. B. Drew, 2621 F St., Sacramento; contractor, H. G. Birdsall.

DWELLING, one-story 5-room and garage, $4700; No. 1101 47th St., Sacramento; owner, Wm Carpenter; contractor, H. G. Birdsall.

DWELLING, one-story 5-roo mand garage, $2500; No. 2031 Gerber Ave., Sacramento; owner, H. G. Birdsall.

DWELLING, one-story 5-room and garage, $2500; No. 2039 Gerber Ave., Sacramento; owner, H. G. Birdsall.

DWELLING, one-story 5-room and garage, $2700; No. 2125 39th St., Sacramento; owner, Greene & Harrigan; contractor, H. G. Birdsall.

DWELLING, one-story 5-room and garage, $3000; No. 3817 Bigler Way, Sacramento; owner, P. H. Vahle, 3831 Bigler Way, Sacramento; contractor, Vaughn Christie, 500 15th St., Sacramento.

TWO flat buildings, 1-story, 4-rooms each and garage, $4000; No. 2171 31st St., Sacramento; owner, H. W. Swasey, 4027 12th Ave., Sacramento; contractor, B. H. Bill, 3252 Marshall Way, Sacramento.

DWELLING, one-story 5-room and garage, $3300; No. 2305 D St., Sacramento; owner, Howard Kimbrough, 5th and I Sts., Sacramento; contractor, Davis & Rugg, 3200 S St., Sacramento.

DWELLING, one-story 4-room and garage, $2300; No. 3516 43rd St., Sacramento; owner, E. A. Theile, 3533 42nd St., Sacramento.

DWELLING, one-story 5-room and garage, $3400; No. 576 Santa Ynez Way, Sacramento; owner, F. H. Bell, 2316 28th St., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, one-story 5-room and garage, $4500; No. 2305 22nd St., Sacramento; owner, J. W. Patterson, 1611 28th St., Sacramento; contractor, Geo. McKay, 1925 10th St., Sacramento.

ADDITIONS and general repairs, $4000 E ½ Lot 6, G, H, 10th and 11th Sts., Sacramento; owner, Albert Realty Co., 1021 H St., Sacramento; contractor, G. H. Harvie, 2212 T St., Sacramento.

DWELLING, one-story 5-room and garage, $3500; No. 321 29th St., Sacramento; owner, Ben Leonard Co., 815 J St., Sacramento; contractor, W. T. Reid, 4234 Mariposa Ave., Sacramento.

DWELLING, one-story 5-room and garage, $3500; No. 2248 Gerber Way, Sacramento; owner, Minnie Fay, 2421 28th St., sacramento; contractor, J. J. Mase, 1622 18th St., Sacto.

DWELLING, one-story 5-room and garage, $2800; No. 1910 34th St., Sacramento; owner, H. Buck, Franklin Rooming House, Sacramento

DWELLING, 2-story, $2800; 1723 J, Sacramento; owner, Chas. Blumberg, 1660 7th St., Sacramento; contractor, M. Barnes, 911 28th, Sacramento.

DWELLING, 1-story 6-room, and garage, $8200; 3717 4th Ave., Sacramento; owner, Herman Davis, Elk Grove, Sacto.; contractor, W. L. Chatterton, 1032 52nd, Sacramento.

DWELLING, 1-story 5-room, and garage, $3500; 3567 N, Sacramento; owner, H. M. Earle, 1036 Dolores Way, Oakland.

DWELLING, 1-story 5-room, and garage, $3500; 2048 Gerber Ave., Sacramento; owner, C. V. Snider, 816 20th, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Sept. 28, 1923—LOT 151, Casa Loma, Oak Park Lumber Miling Co vs Carmichael Co and J R Bell..$220.60

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Sept. 25, 1923—LOT 70 East Nicholas Park, Sacramento. Sunset Lumber Co vs E A Theile, B F Driver and W T Foster.....$140
Sept. 25, 1923—LOT 1 BLK 19 Sub 3 No Sacramento. J J O'Connor (as J J O'Connor Co) vs W C Purcell $397.95
Sept. 25, 1923—LOT 10, Arcadia Tct, Sacramento. Friend & Terry Lumber Co vs C F Smith and Matteo Dello $261.80
Sept. 27, 1923—E 40 FT. OF N ½ Lot 4, D, E, 23rd and 24th Sts., Sacramento. H C Hecker vs Christ Valine and B O Clouse $37
Sept. 27, 1923—LOT 45, Stuber Knoll Tract, Sacramento. H G Hecker vs Christ Valine and Alice C Tureblood $31
Sept. 27, 1923—LOT 44 Reese Villa, Sacramento. Sunset Lumber Co vs Thomas B Hunt and Chris Windsat $284.55

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $2800; 250 West Fourth, Stockton; owner, L. J. Smith.

REMODEL, $7000; 401 East Main, Stktn owner, Peters Estate.

RESIDENCE, $5800; 1130 Vernal Way, Stockton; owner, F. Dobson, 1045 Vernal Way, Stockton.

RESIDENCE, $4600; 2309 2325 East Hazelton; owner, L. H. Crour.

RESIDENCE, $7500; 1519 Argonne, Stockton; owner, William Colberg, 638 N Filgrim, Stockton.

RESIDENCE, $3800; 731 North Orange, Stockton; owner, W. W. Price, 228 S Siefra Nevada, Stockton.

RESIDENCE, $6000; 301 West Walnut, Stockton; owner, Mrs. M. G. Campbell.

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

SCHOOL BLDG.
LOS DELTAS SCHOOL DISTRICT, Fresno. All work for school bldg.
Owner—Los Deltas School District.
Architect—None.
Contractor—E. K. Angle.
Filed Sept. 21, 1923. Dated Sept. 17, 1923
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $10,700
Bond, 5350; Sureties, Warren Angle; Forfeit, Limit, Plans and specifications none.

DWELLING
LOTS 41 & 42 BLK 14 PINEDALE, Fresno. All work for dwelling and garage.
Owner—C. W. Hinckley.
Architect—None.
Contractor—Chas. E. Baker.
Filed Sept. 22, 1923. Dated Sept.—.
Frame up $480
Enclosed 480
Usual 35 days 480
TOTAL COST, $1920
Bond, Sureties, Forfeit, none; Limit, 45 days from Sept. 25, 1923; Plans and specifications filed.

ADDITION and alterations, $7000; No. 2320 Tulare St., Fresno; owner, H. Thos. Lynch; contractor, Thos. M. Paulsen.
DWELLING and garage, $5000; No. 1570 Wilson Ave., Fresno; owner, Liberty Bldg. Co.; contractor, Yarnell & Garges, 1026 S-4th St., Fresno.
GARAGE, $5000; No. 1225 G St., Fresno owner, A. R. Pickford; contractor, Yarnell & Garges, 1026 S-Fourth St., Fresno.
DWELLING and garage, $10,000; No. 824 University Ave., Fresno; owner, Sam Brown; contractor, Walter B. Berton.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded Accepted
Sept. 25, 1923— E ½ LOT 17, Frisbie Tract, Fresno. L L Goodner to whom it may concern..Sept. 24, 1923
Sept. 25, 1923—LOTS 9, 10 BLK 7, Reeding Addition, Fresno. Anna G English to whom it may concern .....Sept. 24, 1923
Sept. 25, 1923—LOTS 33 & 34, West Mrae, Fresno. J A Schlotthauer to whom it may concern..Sept. 24, '23
Sept. 26, 1923—LOT 25 BLK 1, Alta Vista Tract, Fresno. Alfred F Harris et ux to R L Saylor..... .....Sept. 22, 1923
Sept. 26, 1923—LOTS 37 AND 38 BLK 7, Recreation Park Tract, Fresno. Joe Spiers to whom it may concern .....Sept. 25, 1923
Sept. 26, 1923—LOTS 50 AND 51 BLK 8, La Sierra Tract, Fresno. J A Schlotthauer to whom it may concern .....Sept 26, 1923
Sept. 26, 1923—LOTS 5 AN 6 BLK 1, Vernon Park, Fresno. W E St. John to whom it may concern.Sept. 15, '23
Sept. 28, 1923—LOTS 21 AND 22 BLK 1, High Add. No. 4, Fresno. Carrie A Kesler to whom it may concern .....Sept. 27, 1923
Sept. 28, 1923—LOT 15, E ½ LOT 16 Blk 3, Torrance Terrace, Fresno. Lester Summers to whom it may concern.....Sept. 27, 1923
Sept. 29, 1923—LOTS 15 & 16, West Brae, Fresno. J A Schlotthauer to whom it may concern..Sept. 28, 1923
Oct. 1, 1923—LOTS 12 TO 16 BLK 36, Fresno. Martin Soligian to Peter A Wolff.....Oct. 1, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
Sept. 25, 1923—LOTS 11 AND 12, Speedway Tract, Fresno. W F Jennings vs R H Blackwell.....$233
Sept. 26, 1923—LOTS 27 AND 28 BLK 94, Fairmont. Routt Lumber Co vs Peter A Wolff and Joe Calia....$658
Sept. 26, 1923—LOTS 27 AND 28 BLK 2, Esmeralda Heights, Fresno. Maisler Bros vs W J Mortland..$178
Sept. 28, 1923—LOTS 27 AND 28 BLK 2, Esmeralda Heights, Fresno. Reutt Lumber Co vs W J Mortland $762
Sept. 29, 1923—LOT 6 (except S 87 ft) Blk 12, Wilson North Fresno Tct. Fresno. J D Halstead Lumber Co vs Valley Holding Co et al and Walter B Burton.....$1025
Sept. 29, 1923—E 70 FT. OF N ½ of Lot 18, Normal Acres, Fresno. J D Halstead Lumber Co vs C J Hamilton et ux and S J A Pifer & Son $2273
Sept. 29, 1923—LOT 6, except S 97 ft. Blk 12, Wilson North Fresno Tract, Fresno. C S Pierce Lumber Co vs John B and Ann H Welch, Valley Bank and W F Bogart.....$146
Sept. 29, 1923—LOTS 7, 8 AND 9 BLK 1, Torrance Terrace, Fresno Geo and Earnest Aukney vs Geo W Ryan et ux and Carl S Goodenough $200
Sept. 29, 1923—LOTS 1 TO 4 BLK 2, Paige Tract, Fresno. Cal Pottery Co vs G Katsura & Carl Voght.$327
Oct. 1, 1923—LOT 6 (except S 97 ft.) Blk 12, Wilson North Fresno Tct., Fresno. Fisher-Glassford Hardware Co vs Valley Holding Co, John B and Ann H Welch.....$130

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOTS 31 & 32 BLK 7 CROCKER ES- work for one-story and basement frame residence.
Owner—Anthony Parmisano, Daly City.
Architect—C. A. Hermann, 88 Broadway St., San Francisco.
Contractor—I. Glotfelter, 130 Gutenberg, San Francisco.
Filed Sept. 26, 1923. Dated Sept. 19, 1923
Rafters up $1257.00
Brown coated 1257.00
Plastered 1257.00
Completed and accepted 1259.35
Usual 35 days 1678.00
TOTAL COST, $6708.35
Bond, Sureties, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

BUNGALOW
LOTS 23 & 24 BLGME PARK NO. 5, Burlingame. All work for 5-room bungalow.
Owner—J. F. Adams, 211 Ellsworth, Burlingame.
Architect—None.
Contractor—Theo. N. Gosso, 1405 Grove, St., Burlngame.
Filed Stpt. 27, '23. Dated Aug. 11, '23.
Framed $1342.50
Brown coated 1342.50
Completed and accepted 1342.50
Usual 35 days 1342.50
TOTAL COST, $5370
Bond, Sureties, Forfeit, none; Limit, on or before Nov. 11, 1923; Plans and specifications, None.

BUNGALOW
LOT 6 BLK 34 EASTON NO. 2, BURlingame. All work for frame bungalow.
Owner — E. W. Torello, 1249 Drake, Burlingame.
Architect—None.
Contractor—Thos. N. Gosso, 1405 Grove St., Burlingame.
Filed Sept. 27, 1923. Dated Aug. 21, 1923
Enclosed $1356
Brown coated 1356
Completed and accepted..... 1356
Usual 35 days 1356
TOTAL COST, $5424
Bond, Sureties, Forfeit, none; Limit, on or before Nov. 21, 1923; Plans and specifications, none.

RESIDENCE
LOT 9 BLK 11 LOMITA PARK. All work for 1-story and basement residence.
Owner—Geo. M. & Caroline S. Starkey, 4138 17th St., S. F.
Architect—None.
Contractor—A. S. Lundy, 520 Frederick St., San Francisco.
Filed Sept. 26, 1923. Dated Aug. 31, 1923
Framed $68
Walls boarded 68
Completed and accepted 68
Usual 35 days 68
TOTAL COST, $
Bond, Sureties, Forfeit, none; Li
60 wk. days; Plans and specificat
filed.

BUNGALOW
LOTS 12 & 13 BLK 3 BURLINGA
Park No. 4, Burlingame. All w
for bungalow and garage.
Owner—Paul E. Chapman, 690 Ave., San Francisco.
Architect—None.
Contractor—Thos. N. Gesso, 1405 G St., Burlingame.
Filed Sept. 27, 1923. Dated Sept. 24,
Enclosed .....
Brown coated .....
Completed and accepted .....
Usual 35 days .....
TOTAL COST, $
Bond, Sureties, Forfeit, none; Li
Dec. 24, 1923; Plans and specificat
filed.

BUNGALOW
SITE 1N SELBY TRACT. All work stucco bungalow.
Owner—E. W. Manter, Redwood (
Architect—None.
Contractor—Arthur Payne, Oak K
Redwood City.
Filed —. Dated —.
Roofed .....
Plaster inside .....
Completed and accepted .....
Usual 35 days .....
TOTAL COST, $
Bond, Sureties, Forfeit, none; Li
Dec. 1, 1923; Plans and specificat
filed.

ADDITION & ALTERATION
ROOSEVELT SCHOOL, Burlinga
Addition and alteration to Ro
velt Grammar School.
Owner—Burlingame Grammar Sc
District, Burlingame.
Architect—Ernest S. Norberg, 409
cidental, Burlingame.
Contractor—R. C. Stickel, So San F
cisco.
Filed Sept. 27, 1923. Dated Sept. 24,
Framed .....$
Plastered .....
Completed and accepted .....
15 days .....
TOTAL COST, $14
Bonds (2) $2669.75 & $7339.50; Sure
Hartford Accident & Indemnity
Forfeit, none; Limit, 90 wk. days; P
and Specifications filed.

CROSS
HOLY CROSS CEMETERY DOMN
Station 7 Area 6 Graves 2 &
Monumental cross.
Owner—Joseph A. Oliver, 24 Califo
St., San Francisco.
Architect—Chas. J. F. Devlin, 767 P
fic Bldg., S. F.
Contractor—Gartano Bocci & Sons
Colma.
Filed Sept. 28, 1923. Dated Sept. 26,
Completed and accepted .....$
Usual 35 days .....
TOTAL COST, $
Bond, $1300; Sureties, Gaetono B
John D. McGilvery; Forfeit, $100, L
90 wk days; Plans and specificat
filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Acce
Sept. 26, 1923—LOT 21 PT 20 BLK Burlingame Park No. 2, Burli game. Harry A. Thomsen Jr. whom it may concern..Sept. 17,
Sept. 26, 1923—LOT 29 BLK 1 Bign Terrace No. 2, Blgme. U. Smith F. Nehn to whom it may conce .....Sept. 24,
Sept. 26, 1923—LOTS 13 & 14 BLK Burlingame Grove, Burlingam Martin T. Kresstelier to Leona & Holt .....Sept. 23,
Sept. 26, 1923—PTN. LOT 209 & 21 San Mateo Homestead, San Mate John Dugish to Norberg & Wic lund .....Sept. 22,
Sept. 26, 1923—LOT 4 BLK 23 R sub Blk 23 Burlingame. Charl George Adams to whom it may co cern .....Sept. 25,
Sept. 28, 1923—LOT 2 BLK 35, Eas on No. 2 Burlingame. D W Cra ford to Ivar D Peterson..Sept. 27

Sept. 29, 1923—LOT 15 BLK 3 EAST San Mateo. Marrie Pickering to I. Sorensen .....Sept. 25, 1923
Oct. 1, 1923—PTN LOT 10 BLK 17, Lyon & Hoag Sub, Burlingame. F H and Juanite E Zimmerman to whom it may concern..Sept. 27, 1923
Oct. 1, 1923—LOTS 11 AND 12 BLK 3, San Bruno Park No. 4, San Mateo. A C Schmitt to whom it may concern.....Oct. 1, 1923
Oct. 1, 1923—SOUTH SAN FRANCISCO. South San Francisco Water Co to Western Well Works, Inc..... .....Sept. 21, 1923
Oct. 1, 1923—CANAL ST., San Mateo. South San Francisco Land & Improvement Co to J D Hannah..... .....Sept. 25, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Sept. 27, 1923—LOT 1 BLK 21 EASTON No. 2 Blgme. J. B. Oswald vs. M. T. K. Rogers $533.20

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,000 and Over Reported

DWELLING
E FOREST AVE., bet. Seneca and Hale Sts., being Blk 84, Palo Alto. All work for dwelling.
Owner—Mr. and Mrs. A. F. Sherman, 137 Webster St., Palo Alto.
Architect—None.
Contractor—Wells P. Goodenough, 310 University Ae., Palo Alto.
Filed Sept. 27, '23. Dated Sept. 26, '23.
Frame up 25%
Plastering ready for finishing 25%
Completed 25%
Usual 35 days..... 25%
TOTAL COST, $6400
Bond, none. Limit, 90 working days after work is started. Forfeit, plans and specifications, none.

ALTER RESIDENCE to apartments, $15,000; 426 San Fernando, San Jose; owner, A. B. Pickett; architect, Elwood Hiatt, 101 Wabash San Jose
GARAGE, 8 part, $1600; N 11th near Sta. Clara, San Jose; owner, Minnie Fahnholz; contractor, W. J Bigger & Son, 20th and Sta. Clara, San Jose.
ALTER FLATS to apts., $5950; Sta. Clara and Tenth, San Jose; owner, W. L. Atkinson, 35 Hawthorne Way San Jose; architect, Wolfe & Higgins, Auzerals Bldg., San Jose; contractor, H. A. Bridges.
COTTAGE, 5-room, $3000; 9th near Washington, San Jose; owner, D. G. Morgan, 353 N 14th, San Jose; contractor, S. E. Conford.
COTTAGE, 4-room, $3400; Washington nr. 5th, San Jose; owner, M. Williams, 515 E Julian; architect, T. J. Launin.
COTTAGE, 6-room, $5450; 14th near William, San Jose; owner, Mrs. Lida Jack, 423 Alanta, San Jose.
ALTER RESIDENCE to apts., $20,000; 14th and San Fernando, San Jose; Owner, Mrs. M. E. Graft; architect J. R. Phelps, 245 Alameda, San Jose
ALTERATIONS, $2125; 45 S Sixth, San Jose; owner, J. T. Rice; architect, M. Rayner, 139 Boston, San Jose.
COTTAGE, 4-room, $2000; 33rd near Sta. Clara, San Jose; owner, Mrs. A. Hughes; contractor, Wm. E. Howe.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Sept. 17, 1923—LOT 19, Hawthorne Place, San Jose. Matilda Lanigan to Wilmot Bros.....Aug. 28, 1923
Sept. 17, 1923—E CASTRO 242.30 S Church St. Part Rancho Pastoria de Las Borregas. ——. J H Walker to whom it may concern.Sept. 17, '23
Sept. 20, 1923—LOT 52 Clara Vista Addition to Palo Alto. Willard P Walker to whom it may concern. .....Sept. 19, 1923
Sept. 20, 1923—LOT 5 BLK 3 N R 5 W Miller & Lux Western Add'n. to Gilroy. W S Dow to whom it may concern.....Sept. 20, 1923
Sept. 20, 1923—LOT 16 Cole Realty Co Sub., San Jose. L C Rossi to whom it may concern.Sept. 18, 1923
Sept. 20, 1923—INTR SARATOGA-Mt View Road and Fremont Ave. Board of Trustees West Side Union High School District to F R Yanish .....Sept. 15, 1923
Sept. 20, 1923—LOS GATOS. Los Gatos Grammar School District to E Nommensen.....Sept. 11, 1923
Sept. 20, 1923—LOT 9 BLK 11, Rose Lawn, San Jose. William H Norman to whom it may concern.... .....Sept. 19, 1923
Sept. 21, 1923—LOT 1 BLK 1, Alameda Park, San Jose. C H Rabing to whom it may concern.Sept. 20, '23
Sept. 21, 1923—LOT 28 BLK 32, Palo Alto. Dean Nichols to whom it may concern.....Sept. 18, 1923
Sept. 21, 1923—LOT 3 BLK 10, Hanchett Residence Park, San Jose. C W Wolff to W O Furtwangler.. .....Sept. 20, 1923
Sept. 21, 1923—GILROY. Gilroy School District to E Nommensen. .....Sept. 20, 1923
Sept. 21, 1923—GILROY. Gilroy School District to E Nommensen. .....Sept. 20, 1923
Sept. 21, 1923—LOT, Marguerite Tot No. 2, San Jose. B J Smith to whom it may concern.Sept. 21, 1923
Sept. 24, 1923—LOT 10 BLK 2, Seale Addition No. 1, San Jose. Kate Matheson to whom it may concern .....Sept. 7, 1923
Sept. 25, 1923—LOT 26 Saveker Sub. No. 2, San Jose. Belle W Stebbins to whom it may concern..... .....Sept. 19, 1923
Sept. 25, 1923—NO. 555 R-ST. JAMES St., San Jose. Wilbur N Younglove to whom it may concern.Sept. 25, '23
Sept. 26, 1923—LOT 3 BLK 2, Hanchett Residence Park, San Jose. Lovise M Andersen to Carl C Maurer.....Sept. 24, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Sept 21, 1923—PTN BLK 13, S. R. 6 W James Lick Homestead Tract, Lot 40x128.64, San Jose. H J Pascoe vs Elmer Christian $370
Sept. 21, 1923—LOT 19, Hawthorne Place, San Jose. H J Pascoe vs John B and Matilda Lanigan....$597
Sept. 24, 1923—LOT 12 BLK 2, Alameda Park, San Jose. Philip Patnude, $231.90; Chas A. Parkler and Chas A Merritt, $249.22; Fred Doerr, $51.65 vs Bess D Van Doren
Sept. 26, 1923—LOT 11 BLK 32, Lion Add'n to Morgan Hill. Sterling Lumber Co vs Chas Walcher..$988.10
Sept. 27, 1923—COR. MINNESOTA & Cherry Ave, San Jose. Glenwood Lumber Co, $1391.72; Chas Dieter and Chas Rice, $327.25; Building Trades Council of San Jose, $90.85 vs Albert and L Willmott.....
Sept. 27, 1923—PTN LOT 44, Cherryhurst. Carl Maurer vs Albert and Lillie Willmott $72
Sept. 27, 1923—PTN BLK 13, S R 6 W James Lick Homestead Tract, San Jose. Garden City Glass Co vs Elma Christian $95
Sept. 27, 1923—LOT 2 BLK 4, Alameda Park, San Jose. Southern Lumber Co vs A W Maderis..$193.71
Sept. 27, 1923—LOT 19 Hawthorne Place, San Jose. Garden City Glass Co vs John B Lanigan.....$381.35
Sept. 28, 1923—PTN BLK 13 S R 6 W James Lick Homestead Tract, San Jose. California Planing Mill Co vs Elmer Christian.....$347.60
Sept. 28, 1923—PART FRACTIONAL Lots 12 and 13 Blk 4 N Ptn Prevost Island in Pueblo Tract No. 1, San Jose. G Leone vs Marcellino and Alfonso Caparelli $1125
Sept. 28, 1923—LOT 19, Hawthorne Place, San Jose. California Planing Mill Co vs Matilda and John B Lanagan $275.20
Sept. 24, 1923—LOT 19, Hawthorne Place, San Jose. S F Prouty vs John B Lanigan $145

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Sept. 22, 1923—NW 45 FT. LOT 5 Blk 4 N R 2 W, Santa Clara. Theodore Ileple to George Hilzer. $270
Sept. 24, 1923—LOTS 2 AND 3 BLK 47, Mayfield. The Minton Co to Mary Smith $586.91
Sept. 26, 1923—LOTS 12, 13, 14 and 33 Blk 1, R 10 N, San Jose. Wolfe & Higgins to M De Sando....$514.56
Sept. 27, 1923—SEALE MILITARY Academy, in Seale Addition No. 1, San Jose. The Minton Co to Alfred Seale $300
Sept. 27, 1923—LOT 34 Sub "A" Monta Vista. The Minton Co to John Katovich $249.66

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street **Phone Sutter 4400**

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., OCTOBER 13, 1923

Published Every Saturday
Twenty-third Year No. 41

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

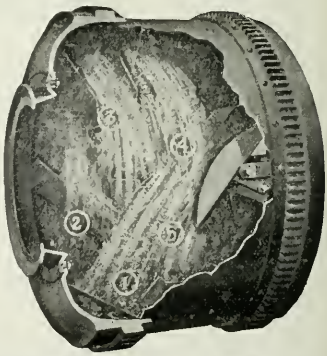
Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., OCTOBER 13, 1923 — Twenty-third Year No. 41

No. 818 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

DRAINAGE DISTRICT TO SUE CONSTRUCTION FIRM

A suit has been filed in the Superior Court at Sacramento by the Sacramento and San Joaquin Drainage District, through the state reclamation board, against the Callahan Construction Company and Smith Brothers.

The suit is a result of the charge made by labor unions that the state law is being violated on the levee work in District 1660 by the employment of men for more than eight hours. The complainants aver that the contract is not an emergency one, although this is the contention of the reclamation board and the construction company.

The action asks the superior court to decide the rights of the reclamation board and whether the work is to be classified as emergency.

Unless the work is an emergency job, the construction company is liable $10 per day for each employe who is worked over eight hours.

Santa Fe Railway authorized by Merced County Supervisors to construct a one-mile spur track along Cox Ferry County highway to site of $1,000,000 plant of Yosemite Portland Cement Co.

IMPROVEMENT IN MANUFACTURING ACTIVITY LOOKED FOR

An early definite improvement over the present general pause in manufacturing activity throughout the country is forecast by Archer Wall Douglas, chairman of the committee on statistics and standards of the Chamber of Commerce of the United States, in a special business conditions report recently made public.

Mr. Douglas attributes the slowing up of manufacturing activity at this time to three causes.

The usual seasonal slackening which always accompanies the summer season, and the waiting upon the returns of harvest.

The satisfying of a demand to fill up partly empty shelves, and to replenish broken assortments.

A widespread feeling of conservatism that marks at present in all its phases.

In commenting upon the third cause, Mr. Douglas says there is a general feeling, especially among consumers, that many of the advances during the spring were entirely without warrant, being merely the taking advantage of a supposed situation of a passing dearth of goods. "Naturally," he goes on, "there arises the determination among buyers to trade entirely along the line of the laws of supply and demand, and to purchase only when prices seem reasonable and in accordance with prevailing conditions."

The report continues: "Shoe factories in New England seem to feel the effect of reduce demand more than those in the West, and this seems true likewise of the cotton mills in the North, compared with the cotton-growing states. Cotton exports to Europe have fallen off as the natural result of demoralized conditions in so many nations. Manufacturers of cotton fabrics face a condition which gives them pause and offers no easy solution of their difficulties. High priced raw cotton is among the certainties of the coming months, despite falling off in demand from Europe, and the possibility of such happening in this country. The underlying problem is as to what price the consumer will pay for cotton goods compared with the prices of raw material, and as yet there is no answer.

"Building material is somewhat cheaper, but apparently not enough so to say the gradual decline in building and construction which has set in and which evidently will continue. Prices of labor employed in building, and high price of rents, only complicate the task of making construction a matter of more stable nature, instead of one of violent extremes."

LOS ANGELES BUILDING FOR SEPTEMBER IS $14,099,353

Building operations in Los Angeles for the month of September, just closed, total 5263 permits granted with a total expenditure of $14,099,353. Compared with September, 1922, this is a gain of 993 in the number of permits and a gain of $3,831,459, or about 37 per cent in valuation.

Comparison with building operations during August, the high record month, shows the bulk of the loss for September was in Class A, B and C construction. For September the total for these classes of construction was only $2,169,843, or about five millions less than the total for similar construction in August. The largest project listed during September was estimated to cost only $375,000. Class D buildings, all frame, started during September, numbered 4019, with an estimated valuation of $8,909,619, or about $2,300,000 less than the valuation for similar construction in August.

Housing for September was represented by 2078 permits for dwellings, flats and apartments with an estimated valuation of $8,239,148 and providing accommodations for 3208 families. Compared with August this is a decrease of 316 in number of permits, $2,982,455 in valuation and 1156 in the number of were provided.

For nine months of 1923 Los Angeles building total is $145,321,073, an increase of $56,006,020 compared with the same period in 1922.

EAST BAY TERMINAL PROJECT IS FAVORED

Manufacturers and business man of Berkeley, Emeryville and Richmond, have launched an ambitious project for the development of the northern East Bay shore.

The East Bay Terminals Association has been organized to further the project. The association proposes the following program:

To dredge a canal from deep water in San Francisco bay to a point at the line of Emeryville and West Berkeley, in accordance with the Hagerman plan for such a canal provided for in the rivers and harbors act of 1915.

To launch a bond campaign in Berkeley, probably for $500,000, to provide adequate wharfage and warehouse facilities at the head of the canal.

To resolve the present association into a holding corporation for the operation of terminals on the North East Bay section.

To promote export and import shipping advantages of the district.

The East Bay Terminal Association has a membership of 100 at present and proposes to limit its membership to 500. Officers chosen at the organization meeting, held in the office of County Surveyor Geo. A. Posey, are: James A. Lawson, Vegetable Oil Corporation, president; Alfred C. Elkington, Philadelphia Quartz Company, vice president; Frank J. Posew, directing engineer; Will J. Wallace, executive secretary.

The following directors have been proposed for acceptance: James A. Lawson, Alfred C. Elkington, Frank J. Posey, ex-officio; Louis Bartlet, W. W. Potter, D. L. Jungck, Mayor Scott af Richmond; J. N. Edy, city manager of Berkeley; Dan Boera, Albany Development Comuany; A. T. Gibson, Lawrence Warehouse Company; J. E. McFarland, Consolidated Motor Freight lines, Inc., and three directors to be selected from the Emeryville Industrial Association.

The next meeting of the association will be held at the Hotel Whitecotton, Berkeley, early in October. Meanwhile officers and headquarters will be maintained at the county surveyor's office and at the office of D. L. Jungck, 2135 Center Street, Berkeley.

Augusta, Atlanta, has been chosen as the 1924 convention city of the International Association of Municipal Electricians.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The Pacific Coast States in the first nine months of 1923 made a gain of 37 per cent over the whole of the previous year in the volume of building permits, is it announced by S. W. Straus & Co. The total for the year thus far in thirty-five representative cities amounts to $332,463,481. The greatest gain was made in the intermountain states, which reported a 58 per cent increase. California gained by 35 per cent and the Northwest by 17 per cent. Important gains by cities are Eureka, 403 per cent; Everett, Wash., 139 per cent; Alameda, 80 per cent; Long Beach, 66 per cent; Salt Lake City, 65 per cent, and Los Angeles, 63 per cent, according to the report.

The 33rd Annual convention of the American Railway Bridge and Building Association will be held October 16-18 at the Hotel Gowman, Seattle, Washington. The tentative program includes a number of committee reports on tool equipment for bridge building and water service maintenance gangs; methods of installing or replacing culverts, sewers, and pipe lines under traffic; relative merits of concrete, cast iron, and corrugated metal pipe culverts; water facilities for stock yards; and their construction and maintenance.

There are approximately 2,000,000 acres of forest land in Montana and Idaho without either federal or state supervision, according to L. F. Kniepp, of Washington, assistant forester, who has just completed an inspection trip through the two states. Because of the vast expanse of the public domain lands, administration by private owners is impossible, Kniepp says. The land is classified as suitable for reforestation or grazing.

Industrial development of California is indicated by the launching of the Central Manufacturing District of Los Angeles modeled along the same lines as the successful similar project in Chicago. Three hundred acres of land at the city limits, adjacent to Vernon, have been selected as the site. The public is participating in the financing of the project which plans accommodations for more than one hundred industries.

The index of the cost of building material entering into a 6-room brick house was 217 for July as compared with 215 in June, the year 1913 used as a base. For a frame house the index is 214 as compared with 212 for June and 181 for July a year ago. Figures are those of the United States Department of Commerce.

Hip Sing Laborers and Merchants Association, a Chinese organization, meeting in annual convention in Philadelphia, Oct. 8, voted to erect a $750,000 hospital in San Francisco. Each state and Alaska were represented by a delegate and each pledged his district to raise $15,000 for the project.

Fraternal Order of Eagles is planning construction of a $5,000,000 home for the aged and infirm members of the order. It is proposed to locate the home on the Pacific Coast, probably Seattle, Wash., that city being the birthplace of the order.

The increasing interest displayed by the general public in utility companies is evidenced by the fact that there are now in the United States more than 2,000,000 direct holders of telephone, gas, electric and street railway securities. In addition to this the 29,000 banks of the country have placed $1,700,000,000 belonging to 27,000,000 depositors in these same securities, and the great insurance companies have millions of dollars similarly invested.

Garfield & Co., of San Francisco, dealers in contractors and industrial equipment, have opened a Los Angeles office under the management of G. H. Hutchinson. The company represents the Erie Steam Shovel Co., Insley Mfg. Co., Oshkosh Mfg. Co., Continental Car Co., Mundy hoists and derricks, Thomas hoists and Williams buckets, and plans carrying a full stock in Los Angeles.

A. D. Bowen, president of the American Railway Motor Car Co., San Luis Obispo, is conferring with the Santa Cruz Chamber of Commerce concerning possible sites in Santa Cruz for a factory to manufacture gasoline cars and locomotives.

The Certainteed Products Company, of St. Louis, has opened headquarters and sales offices in the Porter building, Portland, Ore., with E. E. Lipe as sales manager. The company handles roofing, building papers, asphalt shingles, paints, linoleum, oil cloths and plaster.

L. A. Ganahl, for some time in charge of the Consolidated Lumber Company's city business in Los Angeles, leaves for San Francisco to assume other duties. R. H. Mock succeeds him in the Consolidated Lumber Co.

The Tacoma Brick and Tile Company of Tacoma, Wash., is completing the installation of equipment for a plant which will start operating January 1. One of the products to be manufactured is heath tile.

Unfilled orders of the U. S. Steel Corporation on September 30, totalled 3,035,750 tons, a decrease of 378,913 tons under those at the end of the preceding month.

Standard Asphalt Paving Co. of Spokane, Wash., has completed the construction of a $30,000 plant for the manufacture of Warrenite-Bitulithic pavement.

B. S. Burley, for six years connected with the Concrete Pipe Co., of Tacoma, Wash., has been appointed plant manager, succeeding Mr. Nelson, who resigned.

Geo. G. Allen Company, plumbing, heating and power plant contractors, have opened quarters at 117 Main street, Redwood City.

Minton Lumber Co., of Mountain View, has opened a branch office in San Jose with Van E. Johnson, in charge. The company also maintains a branch yard at Palo Alto.

Collins Concrete Pipe Co., has established plant and offices at 410 River street, Portland, Ore.

ALONG THE LINE

C. Dereleth Jr., dean of the College of Engineering at the University of California and Clifford M. Holand, an engineer for the Hudson River tube project, have been appointed by the Alameda County Supervisors to act as consulting engineers for the proposed estuary tube for which bonds of $4,500,000 were voted. The engineers will each receive a salary of $100 a day. The salaries will apply only to the actual time they are called upon to put in on the work.

Chester A. Smith, consulting engineer, employed by the city of Berkeley to study the water problem from the standpoint of fire protection, will recommend the immediate installation of large mains properly distributed over the city by agreement with the East Bay Water Company. The work will cost in the neighborhood of $400,000.

Construction of a steel bridge over the Sacramento river at Elkhorn to replace the present ferry at that point, is planned by the supervisors of Yolo and Sacramento counites. It is expected the structure will cost in the neighborhood of $175,000.

R. W. Blackburn, Wichita Falls, Texas, is reputed to be the fastest paving bricklayer of the world. Mr. Blackburn is an employe of the Plains Paving Company now working at Tahoka, Texas, and lays from 40,000 to 45,000 brick every eight hours.

Plans are underway in Arizona State Legislature to finance the new state highway program with a $20,000,000 bond issue. The announcement is made by Henry S. McCluskey, secretary to th the governor.

The California Construction Company of San Francisco, on a bid of $101,064, has been awarded a contract to complete the last link in the Fresno county highway system under the $4,800,000 bond issue voted in 1919.

Seattle building permits for September totaled $1,403,825 as compared with $1,345,820 in 1922 and $1,354,430 in 1921. Total for year to date is $19,477,583 as compared with $14,482,505 for corresponding period in 1922.

Oakland city council orders plans prepared for extension of Seventh St. outfall to afford better sanitary conditions along the West Oakland waterfront. The work will cost approximately $230,000.

Great Northern Railrod has permission of Interstate Commerce Commission to isue and sell $8,625,000 in equipment trust certificates to finance purchase of new rolling stock.

Secretary of War orders survey of work required to develop the harbor possibilities of South San Francisco.

William H. Crim, Jr., San Francisco architect, has left for a five month's tour of Europe.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

OAKLAND BUILDING BOOM IS UNDER WAY

Oakland is making phenomenal progress in building construction and promises to eclipse all records of previous years.

E. W. Shaw, secretary of the Alameda County Builders' Exchange, has compiled some statistics on the building activities from January to September of this year, which shows:

That one building is being completed ever 12 minutes of every working day of eight hours.

That five buildings are being finished every hour of every working day.

That 40 buildings are being finished every working day of eight hours.

That $222.93 is being spent every minute of every working day on building construction. If the present rate of construction is continued, the aggregate expenditure on construction for 1923 will be $28,999,840.08. In view of the fact that building speeds up during the winter months, it is confidently estimated by Shaw that the cost of building for 1923 will approximate $30,000,000, beating the record of 1922 by one-fifth and doubling the record of 1921.

The total number of permits issued for all types of buildings from January 1 to September 30 of this year was 8011, as compared with 5530 to the same period in 1922. The amount of money spent on building for the first nine months of this year is $21,616,118, while the cost of building from January 1 to September 30 of 1922 was $16,817,024.

OIL BURNER MANUFACTURERS FORM ASSOCIATION

The American Association of Oil Burner Manufacturers, a national organization of both home and industrial oil burner manufacturers, was recently formed in Chicago. Broadcasting accurate data concerning oil burning and the oil burner industry is one of the Association's principal aims. Wallace V. Capen, Home Appliance Corporation, St. Louis, was elected president, and Leod D. Becker, Editor of Fuel Oil for Heat and Power, Galesburg, Ill., was made made acting secretary. Temporary headquarters will be maintained at 518 Bank of Galesburg Building, Galesburg, Illinois, 20 E. Jackson Blvd., Chicago. The Association will answer inquiries from interested individuals or firms concerning all kinds of oil burning.

ALAMEDA COUNTY TO SUE OAKLAND CONTRACTOR

The Alameda County Board of Supervisors on motion of R. C. Staats of Berkeley, has ordered a suit commenced against M. E. Hopper & Son to compel completion of contract for the power and refrigeration plant at the county hospital which is said to have been dragging along for some months. The work is nearly done but it is alleged that a small part is yet incomplete. The matter brought out a rather pointed discussion between County Architect Henry H. Meyer and President J. H. King of the County Institutions Commission.

Good Work

Karl Perkins, secretary of the Stockton Builders' Exchange, is doing some effective publicity work to keep his organization before the public.

Once a week the two Stockton newspapers—the Record and the Independent—feature a whole page devoted to the building activities in the San Joaquin Valley which covers interesting reading matter on the progress of the construction business together with newsy items on new business buildings, home building construction and building statistics in Stockton and vicinity.

Each week Mr. Perkins features in a prominent space the "Stockton Builders' Exchange Column." Opening his story with a brief review of the construction business he discusses the building outlook from the Stockton point of view. Following the opening story he furnishes the public with some interesting matter on the "whys and hows" of a Builders' Exchange—its purposes, accomplishments, etc., and the protection such an organization renders the owner in his project. He flays the "irresponsible contractor" and informs the public that his organization is "out to keep down building costs, to stabilize credits, to assure financing and to head off wild ideas whenever they crop up."

Following this Mr. Perkins closes his column with some twenty-five or thirty items on what members of his exchange are doing, particular mention being given those who are doing large construction jobs in and about Stockton.

Secretary Perkins, in his publicity stunt, is rendering an invaluable service to his organization which should grow and prosper under his guidance. There is no better way to reach the building public than through the columns of the newspaper. Due to cries of the Calamity Howler (who knows as much about conditions in the building industry as does a cigar store Indian) the various building organizations in Northern California should make it a practice to have some mention of the purposes of their organization in the newspapers from time to time.

IRRIGATION CONGRESS

Klamath Falls, Oregon, was chosen as the next meeting place of the Oregon Irrigation Congress which recently closed its annual session at Vale, Ore.

James M. Kyle of Stanfield was unanimously re-elected president. The other officers are A. L. Wishward of Klamath Falls, first vice-president; E. E. Lage of Hood River, second vice-president; H. G. Kennard of Vale, third vice-president; A. B. Schroeder of Silver Lake, fourth vice-president, and W. E. Meachamm of Baker, secretary-treasurer.

The following were appointed members of the executive committee: W. A. Stewart of Baker, Wilford Allen of Grants Pass, R. H. Dearmond of Vale, John S. Beall of Portland, Geo. Aiken of Ontario, D. H. Nelson of Pendleton and C. G. Brownell of Portland.

TWENTY-EIGHT AFFIDAVITS FILED IN BUILDERS' SUIT

The Government's first move in its efforts to seek dissolution of the San Francisco Builders' Exchange and the Industrial Association of San Francisco was made Oct. 9, with the filing of twenty-eight affidavits and the oral testimony of three witnesses before Federal Judge Dooling.

The Government contends that the Builders' Exchange and the Industrial Association and some sixty other defendants have operated in violation of the Sherman anti-trust act.

The affidavits set forth the practice of shipments of supplies direct to customers from plants in the East. Also they state that intersate shipments were not allowed by the Builders' Exchange to be delivered to contractors in San Francisco, Alameda, Santa Clara and San Mateo counties without an exchange permit and that permits were granted only where support was pledged to the so-called American plan.

The three witnesses, W. P. Payne of the Jumbo Plaster Company, Sigurd Utah; William J. Feary of the Western Lime & Cement Company, and Chris Peterson, a contractor, both of San Francisco, testified to the manner in which supplies were handled from producer to contractor. Payne said he refused to fill orders for James A. Gray of San Francisco for goods in interstate shipment because of dissatisfaction with the latter.

The Government was given a week to complete its case and the defense until October 30 to do likewise, after which arguments will be heard.

Attorney Max Kuhl represented the defendants while the Government's side was represented by Assistant United States Attorneys-General Henry A. Guiuer, James Raleigh Kelly and Harry H. Atkinson.

FRESNO ARCHITECTS WILL PLAN CIVIC CENTER

Architects of the city and county of Fresno are to suggest plans for the proposed civic center at Fresno as the result of the action of the city commission in constituting the city and county organization of architects as an advisory or consulting board in the solution of the problem.

This action, it is said, by members of the city planning commission, removes the chief obstacle to the early preparation of the preliminary plans for the center, and eventually for a comprehensive plan, to include the laying out of public buildings to cost from $3,000,000 to $5,000,000.

For several weeks Miles O. Humphreys, chairman of the city planning commission, has been carrying on negotiations to this end.

In presenting the proposal of the architects' organization, Humphreys praised the spirit displayed by them and stated that the offer placed the civic center plans on the best basis ever enjoyed in the long fight for such a plan.

AMERICAN CITIES LEAD WORLD IN PAVED STREETS

If the modern paved streets of 290 leading American cities which, in the first national census of city paving ever made in this country, have reported officially their paving yardages this year to the Asphalt Association, New York, were merged into a single great highway 18 feet wide, that highway would more than twice encircle the globe. The survey, the results of which have just been announced, shows that, with an average of 18 feet of width, there are 56,974.8 miles of paved streets in American cities of 10,000 or more population. This mileage by far exceeds that of every other country in the world.

These 290 cities, which include all but three of the cities of 10,000 or more population and which comprises 65.8% of the 53,898,385 urban population of the United States, report a total of 601,653,547 square yards of pavement. Of this 469,463,141 square yards, or 78 per cent, are of the types higher than waterbound macadam. These higher types in turn comprises percentages of the total types higher than waterbound macadam as follows: Asphaltic types, 53.9%; brick, 21.9%; stone block, 11.6%; wood block, 3.3%; portland cement concrete, 5.5%; tar macadam, 2.5%; miscellaneous, 1.3%.

In the 65 cities of 100,000 population or more reporting, the asphaltic types comprise 54.9% of the total yardage of pavements higher than waterbound macadam. The percentages for the other types higher than waterbound macadam are as follows: Brick, 19.9%; wood block, 4.0%; stone block, 14.5%; portland cement concrete, 3.5%; tar macadam, 1.8%; miscellaneous, 1.4%.

The total yardage of streets in these 65 cities is 410,051,499 sq. yds. The total of all types higher than waterbound macadam is 331,428,873 sq. yds., of which 181,694,483 sq. yds. are of the asphaltic types. Total yardages for the respective types of streets in the 65 cities are as follows: Gravel (including surface treated) 34,177,196 sq. yds., waterbound macadam (including surface treated), 55,445,430 sq. yds., asphaltic macadam 11,635,940 sq. yds., tar macadam, 6,069,681 sq. yds., asphaltic concrete, 32,620,337 sq. yds., sheet asphalt, 129,341,529 sq. yds., brick 65,973,557 sq. yds., portland cement concrete, 11,729,335 sp. yds., asphalt block, 4,806,534 sq. yds., wood block, 13,187,113 sq. yds., stone block, 48,013,489 sq. yds., miscellaneous asphaltic types, 3,290,134 sq. yds., miscellaneous non-asphaltic types, 4,761,215 sq. yds.

In the twelve American cities having the largest paving yardage the asphaltic types comprises 58.2% of all types higher than waterbound macadam. These cities are New York, Chicago, St. Louis, Philadelphia, Detroit, Baltimore, Los Angeles, Boston, Cincinnati, Pittsburg, Portland (Ore.) and Kansas City (Mo.) The total paving yardage (all types) in these twelve cities is 218,584,650 sq. yds. The total yardage of the asphaltic types is 106,961,669 sq. yds.

New York, with 46,236,244 sq. yds. of paved streets, leads all municipalities in the United States as is to be expected, but Chicago is a close second with 36,757,520 sq. yds. The next ten highest cities in the order of their paved yardage are as follows: St. Louis, 25,122,366 sq. yds., Philadelphia, 24,145,974 sq. yds., Detroit, 13,847,814 sq. yds., Baltimore, 12,011,386 sq. yds., Los Angeles, 11,392,972 sq. yds., Boston, 11,374,543 q. yds., Cincinnati, 10,200,292 sq. yds, Pittsburg, 9,937,200 sq. yds. Portland (Ore), 8,989,330 sq. yds., and Kansas City (Mo.), 8,569,306 sq. yds.

Just now the asphaltic types figure in comparison with the other types of pavement in these twelve cities may be understood by the following: Of the 218,584,650 sq. yds. total paving in these cities 1,802,023 sq. yds. are of gravel including surface treated; 33,046,979 sq. yds. are of waterbound macadam; 6,104,387 sq. yds. are of asphalt macadam; 2,380,311 sq. yds. are of tar macadam; 16,348,806 sq. yds. are asphaltic concrete; 80,785,563 sq. yds. are sheet asphalt; 29,405,749 sq. yds. are brick; 4,546,091 are Portland cement concrete; 3,196,993 are asphalt block; 6,056,990 are wood block; 31,307,158 are stone block; 525,920 are of miscellaneous asphaltic types and 3,077,672 are miscellaneous non-asphaltic types. The percentage relation of these yardages to the total of all types higher than waterbound macadam is as follows: Asphalt macadam, 3.3%; tar macadam, 1.3%; asphalt concrete, 8.9%; sheet asphalt, 44.0%; brick, 15%; Portland cement concrete, 2.5%; asphalt block, 1.2%; wood block, 3.3%; stone block, 17%; miscellaneous asphaltic types, 28% and miscellaneous non-asphaltic types, 1.7%. In New York City the asphaltic types comprises 69.7% of all pavements higher than waterbound macadam. In Chicago this percentage is 74.3%. In Detroit it is 68.7%; in Los Angeles 94.3% and in Portland, 83.5%. Los Angeles has a higher percentage of pavements of the asphaltic types than any other city in the country, Portland is second and Chicago third.

The overwhelming predominance of the asphaltic types as shown by this census not only in the largest cities, and in the cities above 100,000 population, but throughout the country in general, plainly indicates the determination of modern cities to eliminate dust, noise, shock and interruption to traffic in street construction as far as these desirable results can be accomplished.

American city engineers have not merely eliminated dust but they have accomplished much more than that in designing their modern pavements. They have reduced noise to a minimum in those sections of the city where noise is harmful and objectionable. This is particularly important in the vicinity of hospitals, churches and other classes of public institutions and in the residence sections. While no one seriously objects to noise in the vicinity of docks and warehouses there would be an immediate outcry if a pavement contributing to noise were laid in any of the sections which have enjoyed the peacefulness of a quiet pavement.

The vast network of underground structures in Aemrican cities, including wires, pipes and conduits, make it necessary to open the pavement at frequent intervals to obtain access to these underground services. The engineer must, therefore, provide a pavement which can be cut through without great trouble and expense, which can be readily repaired and which, after it has been repaired, blends with the old pavement.

For fast moving traffic the modern city pavement must be smooth, not only to permit the rapid and comfortable movement of vehicles but to conserve motor fuel and tires. Only a slight saving in the operating cost per motor vehicle by reason of the smooth pavement reaches an aggrregate when the vast number of motor cars traversing the city streets is considered to justify a considerable outlay to obtain durability and smoothness.

Impact, or the pounding of heavy motor truck wheels, has attracted the anxious attention of city highway engineers to an increasing degree during the past ten years. A truck wheel with a drop of only 1 inch when in motion delivers a blow equivalent to at least six times the dead weight. City engineers, therefore, attach increasing importance to the flexibility and resiliency of city pavements so as to take up the shock of impact.

In the design of new pavements or the repair of old ones it has now become almost impossible to close an important street to traffic for any considerable portion of time. The engineer must, therefore, select his type of pavement with this consideration always in view. Even if it were possible to detour traffic the cost in the aggregate of extra fuel and the other extra costs to the traffic over a comparatively short space of time would add enormously to the cost of the pavement.

Cost of paving is a very important consideration as the outlay for city streets is a heavy burden upon the taxpayers and the debt limitations of most cities are sharply defined by statute. The engineer must, therefore, design his pavement so that complete reconstruction will not be required at a time when the finances of the city will not permit it. This is one of the reasons why foundations and wearing surfaces are laid as separate units so that at the most the engineer is faced only with the problem of surface renewal except in isolated cases.

Asphalt, the oldest waterproof adhesive known to man, is a product of petroleum and is obtained in many sections of the world. The supply in the United States comes largely from the Mexican and California fields with an additional supply from Gulf points and South America and a small supply from Wyoming and other mid-continent states. This material is not controlled by a single company, individual or organization, is not patented and is adapted to use with almost every type of pavement. The asphaltic types known as sheet asphalt, asphaltic concrete, asphalt macadam, asphalt block and several patented types make up more than one-half of the city pavements in the United States but in addition to this great showing of economic value, asphalt is used very extensively as a filler or grout for granite block and brick pavements and is a universally recognized material for resurfacing old pavements of whatever type.

FIRE RESISTIVE HOUSES A PRESENT REALITY

"Fire Resistive Houses A Present Reality," a paper read before the Fire National Fire Prevention Congress New York, October 8th to the 13th, by Wharton Clay, Architectural Engineer Member of the Building Construction Committee, National Fire Protection Association, appears on Page 4 of this issue of the "Builder."

CONCRETE RAILWAY TIES

The increasing number of uses to which concrete is being subjected in construction work is illustrated in a report to the Department of Commerce by Vice Consul Robert F. Kelley of Calcutta. The North Western Railway of India has made exhaustive tests of a concrete railway tie patented by a Delhi consulting engineer. Experiments have been made on 50 miles of main tracks near Delhi and the results have been so satisfactory that another seventy miles of track will be similarly equipped as soon as the necessary ties are manufactured. The tie consists of two concrete blocks joined together by a tie bar, the rails being fastened by means of a screw or dog spike driven into wood plugs, specially treated and compressed, set in the bed of the concrete block. The East Indian Railway has been using a large number of Greene-Moore patented reinforced concrete ties for seven years and has about completed a factory for manufacturing 500,000 railway ties per annum. The Greene-Moore tie is the invention of the deputy chief engineer of the East Indian Railway and is similar in construction to the type in use on the North Western Railway. They have been favorably reported on by the senior government inspector of railways since 1915-1916 who states that they are still in perfect condition and show no signs of weakness. The Bengal Nagpur Railway has decided to adopt the Greene-Moore tie and has acquired a license to manufacture 300,000. These inventions of engineers and actions by railway companies of India should prove of interest and value to the railway companies and to the general public in the United States, both in the matter of the durability of concrete ties and the conservation of timber of which the railroad companies use a vast amount each year for ties.

N. Y. PLASTERERS INSIST ON OVERTIME

Plasterers in New York, unlike those in Chicago, are reported as insisting in some instances on Saturday afternoon and Sunday work at double pay, which makes for them a weekly wage of $119. The pay for the extra day and a half amounts to $42, and according to Christian G. Norman, chairman of the board of governors of the Building Trades Employers' Association, some of the plasterers quit when the employers refused to grant the extra time. As in the case of the bricklayers, both employers and employes are blaming each other. The employers say the plasterers threatened to quit unless they received the overtime. Employes declare the employers began the "snowballing" by offering double time for overtime.

COURT ORDERS PAYMENT ON LEVEE WORK

The State Supreme Court has issued a writ of mandate directing State Controller Ray L. Riley to issue a warrant for $1,000,000 against the funds of the Sacramento-San Joaquin Drainage District as part payment to Reclamation District No. 1500 for certain levees originally constructed and owned by the reclamation district. Both districts are in Sutter County.

The suit was brought against Riley as ex official custodian of the drainage district. The court held that the State Reclamation Board has power to construct and buy levees for reclamation districts, and that the districts could sell such levees and make demand for payment against the assessment funds of drainage districts when such districts were the purchasers.

Stockton Contractor Files Suit On City Hall Contract

Edward L. Gnekow, Stockton electrical contractor, has filed suit against the city of Stockton and Raymond J. Wheeler as mayor of the city, asking that a writ of mandamus be issued to compel Wheeler to sign a contract between the city and the plaintiff for electrical work on the proposed city hall. The court is also asked in the complaint filed to declare the contract valid and in effect.

Coming as a result of the rescinding of an ordinance calling for the construction of the city hall, Gnekow bases his complaint on the fact that during the term of the old city council and Mayor D. P. Eicke, Gnekow entered into a contract with the city and deposited a bond of 10 per cent of his bid on the electrical work for the proposed building.

He also, he declares, on the strength of this contract with the city, contracted with firms in the East for a considerable amount of supplies and material with which to do the work.

The materials, according to the complaint, are valued at about $10,000 and are practically of no use for any job except the one for which they were originally intended. The contracts are not subject to cancelation.

Reciting the history of the city hall matter from his inception, the complaint gives dates, copies of resolutions and other matters. It tells of the voting of the bonds by the people of this city, the safe of the bonds and the purchase with some of the money so secured of a site, the appointment of architects by the city council and the empowering of the architects to draw the plans, as well as the calling for bids.

The complaint also charges that the city council attempted unlawfully to cancel the acceptance of all bids for the construction and completion of the city hall, including the bid of the plaintiff.

The complaint further alleges that the city attorney drew up a contract with the plantiff for the work and the plaintiff signed this contract and deposited a bond for $7500 with his bid.

Mayor D. P. Eicke refused and neglected to sign this contract, the complaint charges, although he promised to do so, and Mayor Wheeler also has refused to sign the contract.

The closing paragraph of the complaint is as follows:

> Plaintiff prays that a writ of mandamus issue out of and under the seal of the above entitled court directed to the city of Stockton, a municipal corporation, and to Raymond J. Wheeler, the duly qualified, elected and acting mayor of the city of Stockton, county of San Joaquin, state of California, directing and requiring said mayor to, in accordance with the provisions of resolution No. 6070 of the city council and said city of Stockton, sign the contract hereinbefore referred to, prepared by the city attorney of said city of Stockton and heretofore signed and executed by the plaintiff herein, and that it be further adjudged, declared that there is now a binding and valid contract between the plaintiff herein and the said city of Stockton, and that the action of the city council of the said city of Stockton on the 2d day of July, 1923, attempting to cancel and rescind the acceptance of said plantiff's bid, as aforesaid, was, and is, null, void and of no effect, and that plaintiff have such other and further relief as to the court may seem fit and proper, and that plaintiff may have judgment for his costs.

Attorneys Levinsky & Jones appear in the action as attorneys for Gnekow.

It is understood that Howard S. Williams, to whom the contract for other work on the building was awarded, contemplates the filing of another suit.

ARKANSAS SYSTEM OF ROAD BUILDING IS CONDEMNED

In a letter to P. R. Barnes, Chairman of the Federal relations committee of the State senate, Secretary of Agriculture Wallace condemns emphatically the road district system under which roads have been built in Arkansas in recent years, as an unjust and inequitable system which puts a grossly unfair burden upon farm land adjacent to the highways. At the same time he states that he is not authorized to prescribe the manner in which money shall be raised for road construction in the State. That, according to the Secretary, is for the people of the State to decide and the legislature to work out.

The Secretary's letter is addressed to the Chairman of the senate committee and serves as an answer to the scores of petitions he has received from citizens of the State and other members of the legislature, calling upon him to put a stop to the practice of financing road improvement by the special road district plan, which the petitioners claim has resulted in taxation of farm lands so burdensome as to be practically confiscatory. The responsibility for the continuance of the system is squarely upon the shoulders of the people of the State and their representatives in the legislature.

The Government has from the beginning maintained a hands-off policy in respect to the method of raising money in Arkansas, according to Secretary Wallace. He feels that the local district system is wrong in principle, and grossly unfair. He states that this view has been expressed repeatedly throughout the controversy over the situation in Arkansas; but he is not authorized under the law to require the abandonment of the system as a condition of the resumption of Federal aid payments.

Under the Federal Highway Act each State submits to the Department of Agriculture a system of interstate and inter county roads not exceeding 7 per cent of its total public road mileage. Over this system of roads, when constructed, the interstate, State and intercounty traffic will flow. The system is designed to connect the large centers of population and county seats, thus covering the State with a network of highways for the use of city and town traffic, and for interstate traffic as well as for the benefit of the agricultural population adjacent to the highways. In view of the Secretary, therefore, the assessments for money to be raised by the State ought to be distributed as widely as possible over all of the people of the State. If, as it appears, this view is widely held in Arkansas, the Secretary expressed the hope that the time may be ripe for the legislature in the special session called by the Governor to work out a plan of financing the deeded road construction and maintenance in a way that will be just to all the people.

PLATE GLASS FIRMS WILL CONSOLIDATE

It is announced that a new corporation known as the Standard Plate Glass Corporation is to acquire the Standard Plate Glass Co. of Butler, Pa., and the Heidenkamp Plate Glass Corporation of Springdale, Pa., and will have a combined manufacturing capacity in excess of 7,500,000 square feet of polished plate glass per annum.

Joseph Heidenkamp, founder of the Heidenkamp Co., will be chairman of the board of directors, and Frank Troutman, former president of the Standard Plate Glass Co., will be president of the new corporation. Warren Turner, former president of the Hires-Turner Plate Glass Co. of Philadelphia, and present president of the Heidelkamp Plate Glass Corporation, will act as treasurer of the combined concern.

JAPAN IN MARKET FOR MOTOR TRUCKS

Motor truck manufacturers believe the lifting of all import duties on motor trucks by the Japanese government will encourage heavy buying from this source in the next few months and that the motor truck will play an important part both in reconstruction of the devastated earthquake regions and the future industrial development of the country. All trucks reaching Japan will be duty-free until March 31, 1924. The former tariff was 50 per cent of net value.

Last year the United States exported 1001 trucks to Japan, which is one of the largest importers of American trucks. In the six months to June 30, 1923, exports reached 1352 and it is expected that the total for this year will exceed 3000.

PUBLICATIONS

A unique collection of photographs showing ancient and modern uses of brass and copper has been compiled by the Copper and Brass Research Association. The book contains one hundred photographs, many specially taken for the purpose. One shows a piece of copper piping used in Egypt 5400 years ago to convey water to the swimming pool of the Egyptian king. This photograph was taken recently in Berlin Museum, where the pipe is on display. A brass bath-tub, found in Bosoreole, Italy, which was buried by the eruption of Vesuvius, A. D., 79, is also shown. The bath-tub, photographed in Rome for this book, is said still to hold water.

The Associated Metal Lath Manufacturers, 123 West Mission St., Chicago, Ill., has issued a 74-page book entitled "Safety From Fire," which explains fire protection as applied to construction and occupancy of building with recommended building ordinances for protection of life and conservation of property. The book was prepared by Wharton Clay, a structural engineer and Edwin M. Lurie, civil engineer.

The Warner Elevator Manufacturing Company, Cincinnati, Ohio, is distributing a folder designated "The Latest Development in Electric Elevators." Some of the salient points, including the fact that the company presents a two speed alternating current motor and the fact that the elevator will lift an additional load on slow speed are given.

S. P. Plans Three Million Dollar Tunnel To Pierce Summit of Sierras

The Southern Pacific Railroad Company will construct a two-mile tunnel through the summit of the Sierras on the Ogden route.

The western portal of the single-track bore will be west of Summit and the eastern portal near Lakeview, on the immediate east side of the mountains' crest.

The project will cost approximately $3,000,000. Work will be started within a month. Approximately fourteen months will be required for its completion.

The bore will be concrete-lined and will be two times longer than any of the company's present tunnels in the Sierras.

Announcement is made that it is expected to commence work at each portal with the company's forces within a month, so as to pierce the mountain before the heavy snows come to a depth sufficient to permit the work to be prosecuted without interruption throughout the Winter.

The project is a unit in the double-tracking of the twenty-eight miles of the route between Emigrant Gap and Andover. The new or second track leaving to the western portal will leave the present track west of Summit. The tunnel will parallel the present track to the west end of Lakeview. It will go under the present track at Lakeview.

The tunnel track will be used for the eastern movement and the present track for the western movement of traffic.

Routing of the new or double-track through the tunnel will do away with the trouble and cost of snow-shed maintenance.

The bore will reduce the height of the track over the summit 150 feet, will provide a 1 7-10 per cent grade and will expedite movement of traffic.

It is announced that the contract has not been awarded but now is under negotiation.

The present longest tunnel in the foothills of the Sierras on the Ogden route is that between Applegate and New England Mills, Placer County. It is 3200 feet long.

At Summit there is now a 1600 foot tunnel. It will be retained.

LAKE STATES NOW ASSURED FOREST EXPERIMENT STATION

A new forest experiment station has just been added to those already established by the United States Department of Agriculture. This new station will be called the Lake States Forest Experiment Station and will have its headquarters at St. Paul, Minn., under a co-operative agreement with the Minnesota Agricultural College, which will furnish it with suitable laboratory and office space.

This station makes the fourth of the forest experiment stations under the department to be furnished the forest regions of the eastern United States, the other stations being known as the Appalachian at Asheville, N. C., the Southern at New Orleans, and the Northeastern at Amherst, Mass.

The importance of the Lake States station can not be emphasized too strongly, says the department, for the forestry problems in the region are exceedingly great, and it is expected that the forest experiment stations will aid the progress of forestry as much as the agricultural experiment stations have aided the progress of agriculture. Few farmers would expect to make a profit from wheat, corn, hay or orchards if they gave no care or attention to the growing of the crop. Certainly the farmers do not attempt to raise crops merely by harvesting what nature provides in the way of volunteer growth without any preparation of the soil, without fertilizer, with no selection of varieties, with no cultivation or weeding, no protection against fires, insects or diseases. Yet this is the way that we have so far treated our forest lands and the conditions in Minnesota, Wisconsin, and Michigan show it at the present time.

For example, the Michigan timberland area amounts to approximately 19 million acres, of which 12 million, or more than three-fourths of the total have been cut over and are generally nonproductive. Similar conditions exist in both Wisconsin and Minnesota, and this region, which once led the United States in lumber production, is now so badly depleted of its timber resources that its place is being taken by Western States. The money once poured into the region by the consuming lumber centers now is being used to pay the freight on lumber which has to be shipped for long distances.

One of the primary objects of the Lake States Forest Experiment Station will be to develop ways and means of making the cut-over and nonagricultural lands once again productive. The station will gather basic facts about forest renewal and forest growth so that it will be possible for the region to maintain the various lumber and paper industries on a permanent and sustained basis.

Dr. Raphael Zon, forest economist of international reputation, will be the director of this station. He brings to this new work a breadth of knowledge and an understanding of forest problems, not only for this region but for the whole country. He is very familiar with the Lake States region and has written several bulletins on the various native species.

Assisting Dr. Zon will be J. Kittredge, who has been in charge of the Office of Forest Investigations of the Forest Service for several years. J. A. Mitchell, formerly of the California Forest Experiment Station, H. J. A. Grossman from Montana, and A. E. Wackerman.

SEPTEMBER BUILDING SLUMPS

Private building construction in San Francisco for the month of September, just closed, shows a loss of $1,007,911 when compared with the activities for the month of August, when the total registered $3,915,300. During the past month 648 permits were issued for construction aggregating $2,907,389 as compared with 787 permits issued during the month of August. During the month of September, 1922, the total was 661 permits with an estimated valuation of $2,951,858.

Following is a segregated report of the past month activities, as compiled by Chief Inspector of Buildings John P. Horgan of the Department of Public Works:

Class	Number	Est. Cost
"A"	2	$ 227,500
"B"	1	35,000
"C"	29	1,008,400
Frames	240	1,380,132
Alterations	375	253,568
Harbor	1	2,789
Total	648	$2,907,389

WORK OF INDUSTRIAL ACCIDENT COMMISSION INCREASING

As has been found the case every year the approach of autumn shows an increase of controversies filed with the Industrial Accident Commission, now located since July first at the State Building in the Civic Center. For August the cases filed were 227, compared with 193 in July, which seems to be the "zero" month of the year for amount of originating business.

This however, has not prevented the staff keeping up with their work, for ing 223, practically equaled those filed, and in July the decisions exceeded the filings by seven. These figures compare well with the average filed and decided during the first six months of 1923, numbering 212 per month, and show a decided increase over the average for the year 1922, in which the filings were 191 per month and the decisions 183.

In pursuance of Governor Friend W. Richardson's plan of economy with efficiency the Commission, with John A. McGilvray as Chairman, has adopted the plan of holding "summary" hearings once a week, following a continuous calender on which are placed all cases which do not promise any difficulty or lengthy testimony. Formerly every case was set at a definite hour and assigned to a special referee, and the entire testimony taken down in shorthand by the reporter in attendance and ordinarily transcribed in full. Under the summary plan no testimony is reported and the cases are informally heard one after the other by the same referee, who renders his decisions forthwith unless he deems it advisable to consult the Commission. The experiment seems to be working with satisfaction to all concerned, and permits the remaining cases to be handled more expeditiously and with a reduced staff. A less number of referees is furthermore attending to the matters arising outside San Francisco and Los Angeles.

A rule has been adopted by which no testimony, although reported, is to be transcribed except for special reasons. At the same time the referees have been clothed with larger discretion and authority than formerly. This is an experiment which is being watched with great interest by everyone concerned with compensation work.

In addition to the formal controversies noted above many hundred persons call during each month at the office of the Commission's secretary for information and advice, and for medical examination, and the removal of quarters to the State Building has not served to diminish their number. Another department deals with permanent disabilities and reports ratings of highly technical character both upon informal application and in connection with formal cases. Ratings made in July and August were respectively 303 and 240, compared with the monthly average since January of 267, in 1922 of 197, and in 1921 of 207. It has been noted in other states, as in California, that lately the number of permanent disabilities calling for assessment has been steadily increasing, representing a correponding increase in accidents occuring from six to twelve months previously.

NEW CALIFORNIA PATENTS

The following new patents were issued at the Patent office in Washington recently to California inventors: Sam Cortese, Dunsmuir, leather sewing tool; Cleve Gentry, Azusa, tread for tractors; Geo. F. Hutton, Stockton, portable shower bath; Miles McIntyre, Healdsburg, gasket protector; C. S. Pool, Taft, cross-feed stop for lathes; B. S. Spaulding, Arcata, log trolley.

West Coast Porcelain To Spend $1,000,000 For Plant Expansions

Henry Weiss, president of the West Coast Porcelain Company, prior to leaving for the east yesterday, announced that this company, which has an investment of $475,000 in its vitreous porcelain plant at Millbrae, on the peninsula south of San Francisco, has authorized expenditures for new machinery and equipment which will bring the total factory value up to approximately $1,000,000.

Weiss will purchase the latest improved equipment for the new units of the plant while in the east. Full financing of the additions has been accomplished within the company.

The output under new conditions will be fully one car a day—a carload being equivalent to about 600 pieces of bathroom ware. Weiss states that the market developed for this product will fully absorb the increased output within the three coast states alone.

The directorate of the company includes Henry Weiss, president and manager; R. L. Dunn, president of the American Biscuit Company, vice-president and secretary; Morlitz Thomsen, Seattle capitalist; and Henry Cartan, capitalist of Sausalito.

The Millbrae plant has been in operation five years and has been largely instrumental in the development five years and has been largely instrumental in the development of the porcelain industry on this coast. The improvements have been compelled by the growth of demand for "West Coast" brand. The company will maintain its present high standard of output in the enlarged plant.

PREPARED ROOFING SIMPLIFIED

At a meeting held Sept. 26, at the Department of Commerce with representatives of the Division of Simplified Practice and the Chamber of Commerce of the United States, manufacturers, distributors and consumers of prepared roofing agreed to the following simplifications as being of benefit not only to the industry but also to the public at large:

1. To eliminate all grades or kinds of slate-surfaced and also stone-surfaced prepared roofing that do not measure up to the requirements of the "Class C Label" of the Underwriters Laboratories.

2. To reduce the varieties of smooth surface roofing to seven lines or grades—weights and qualities being considered.

This Simplified Practice Recommendation is to become effective January 1, 1924, and is to hold for one year.

According to Wm. A. Durgin, Chief of the Commerce Department's Division of Simplified Practice, this is another step in the general program fostered by Secretary Hoover for the elimination of waste in industry. "The proposed eliminations," he said "were strongly supported by the American Institute of Architects, the National Retail Hardware Association representing 21,000 retail hardware dealers throughout the United States, the National Retail Lumber Dealers Association, the Southeastern Builders' Supply Association, and the Prepared Roofing Association."

Prepared roofing is a product used all over the world, not only as a roofing material, but in cane fields and elsewhere for keeping weeds down and retaining moisture and warmth.

It is believed this program will bring many economies to the manufacturers, such as decreased idle stocks, less idle investment, and ultimately lower production costs, and benefit the distributors by stimulating turnover and increasing sales. Consumers will also benefit in due time through better quality, better prices, and quicker service. Several other simplifications of building materials have been completed, notably common and face clay brick. Others in process of completion are lumber, hollow building tile, cement brick, block and tile, clay drain tile, etc. All of these simplifications are contributing to the general effort to reduce the needless wastes in the building field, and thus forward the achievement of the ideal now so prominently before the public—"Better Homes at Lower Cost."

EARTHQUAKE-PROOF STRUCTURES

Frank Lloyd Wright, American architect, who designed and built the Imperial Hotel in Tokyo, is being generously congratulated on the fact that the hotel withstood the recent earthquake. The American-built hotel was just across the street from the Emperor's palace, which was shattered, and directly in the area of the greatest destruction. It served as a refuge for hundreds during the disaster.

Credit is given to the foundation design worked out by the American architect. The Imperial Hotel was built on concrete piles set into the soil eight feet, but not anchored to the bedrock. The yielding soil above the solid rock, it is thought, took away somewhat the force of the quake. In the rebuilding of the cities and towns laid waste in Japan it is obvious that builders will endeavor to adopt the method of construction which apparently affords most security from eathhquakes. That is the thing that should be done in Japan and throughout the earthquake belt of the world. —S. F. Chronicle.

FORESTRY AS WORLD PROBLEM EMPHASIZED IN NEW BOOK

The growth of timber in the entire world is equal to only two-thirds of the amount consumed, and the world's timber supply is steadily shrinking. The need for timber, on the other hand, especially for softwoods suitable for construction, is constantly increasing. Such is the situation as indicated in a new publication on "Forest Resources of the World," by Raphael Zon and William N. Sparhawk, forest economists of the United States Department of Agriculture.

This book, which is not published by the Government, is in two volumes and contains approximately 1,000 pages, with 16 colored maps. It is full of facts and statistics about the extent and kind of forests; cut, growth, and consumption of timber; timber trade and forest and secondary industries; forest ownership and legislation —all of which give the reader a comprehensive picture of the forest situation of separate countries and of the world as a whole.

HIS OWN PRESS AGENT

"Well, I came down with flying colors, anyhow," remarked the painter who had just fallen off the scaffolding with a pot of paint in each hand.

LARGE ENGINEERING PROJECTS AWARDED

The total value of contracts awarded on large engineering construction projects, in the four September issues of Engineering News-Record (New York) reached $173,072,000, as compared with $141,599,000 in the five issues of August. This represents an average weekly value of $43,268,000 for September, against $28,319,800 during the preceding month.

The weekly average of $43,268,000 for the month of September represents an increase in money value of nearly 26 per cent above the weekly average for the corresponding period in 1922. September, 1922, contracts totaled $138,648,000.

Minimum costs observed in Construction News on each class of construction are as follows: Water works, $15,000; other public works, $25,000; industrial construction, $40,000, and commercial buildings, $150,000.

CALIFORNIA IDEAS COPIED BY ELECTRIC POWER EXECUTIVES

California's method of coupling elecpower lines into an enormous super power system is the most advanced in the country and will be universally adopted, according to General Guy E. Tripp, chairman of the directorate of the Westinghouse Electric and Manufacturing Company, on a recent visit to San Francisco.

Results in this state have been so satisfactory that California methods were used in a super power survey recently made at the suggestion of the United States government, Tripp stated.

General Tripp was with a party of eminent electric chiefs, including L. A. Osborne, president of the Westinghouse International Company; H. H. Westinghouse, chairman of the board of directors of the Westinghouse Airbrake Company, and John F. Miller, vice chairman, who sailed for Japan October 9 to make a reconstruction survey.

90% OF STOCKTON BUILDINGS VIOLATE LAWS

At the request of City Manager Ashburner of Stockton, Building Inspector A. C. Horner and Fire Chief Murphy are making a survey of buildings in that city and with half the inspection made, the officials declare that approximately 90% of the three-story and over buildings thus far inspected are violating building laws and fire requirements.

"Violations consist of everything from lack of proper exit lights to the lack of any exit whatever in case of fire," Inspector Horner says. "In some cases we found only one stairway leading to the third floor with no fire escape at all. In a few cases we found that protection to life in case of fire is 100% perfect. Up to the present time we have found 53 violations of the law requiring 71 new fire escapes. Most of the buildings thus far inspected have been apartment houses, rooming houses or hotels."

LUMBER MILL BANKRUPT

The Igerna Lumber Company of Igerna, Siskiyou County, has been forced into involuntary bankruptcy by the concern's creditors. This is shown in a petition filed by the creditors in the court of Referee in Bankruptcy Belcher at Marysville.

The company's debts amount to $82,895, of which sum $6,387 is due as wages to men in its employ. The assets, mostly stock in trade and machinery and tools, are estimated at $15,004. Georgia McLaughlin of Marysville was named as trustee at the first meeting of creditors.

Agricultural Engineers To Hold Coast Conference At Berkeley

Irrigation engineers and bankers will be especially interested in at least two of the papers to be presented at the annual Pacific Coast meeting of the American Society of Agricultural Engineers, which is to be held in Hilgard all, University of California, Berkeley, on Friday, October 19.

Major O. V. P. Stout, special investigator of the United States department of agriculture, will present a paper on "The Measurement of Seepage Losses in Canals." Major Stout, formerly dean of engineering, University of Nebraska, has spent the last year and a half in making a special investigation of this subject. The matter of seepage losses in canals is directly connected with the ever-increasing problem of drainage, which is a threatening evil in most of our irrigation enterprises.

Mr. W. R. Parkhill, engineering appraiser of the federal land bank, Berkeley, will present a paper on "Irrigation and Drainage Factors Affecting Long-Period Securities." Mr. Parkhill, who is a member of the American Society of Civil Engineers, will point out how rising ground water conditions in many of the irrigation districts, while of little consequence in the administration of short-time loans, become of very great importance in the negotiations of long-period loans. In connection with this subject Mr. Parkhill will discuss appraiser in the proper evaluation of conditions as they exist in irrigation enterprises and the relation of these conditions to loan values.

Other papers to be presented include:

"Application of Electricity to Agriculture"—R. C. Griffin, Pacific Gas and Electric Company.

"Factors Influencing the Depreciation of Farm Buildings"—C. Harold Hopkins.

"Agricultural Engineering Service on the State Land Settlements"—George C. Kroutzer, acting chief of state land settlement board and superintendent of the Durham state land colony.

"The Development of Deep Tillage Machinery in California"—L. J. Fletcher, agricultural engineering division, college of agriculture, University of California.

An opportunity will be given for discussion of the papers presented. A business meeting of the society is scheduled for 9:30 to 11 A. M. in room 213, Hilgard Hall. The papers will be presented in room 125, Hilgard Hall, and at a banquet in the evening.

Those interested are requested to write to L. J. Fletcher, branch of the college of agriculture, Davis, Calif., for a complete program, giving the time of presentation of the various papers. Anyone interested may attend the meeting of the society.

A WORD OF CAUTION

In New York City, where bricklayers have scornfully rejected an offer of $11 a day, quite naturally, because they are being paid, according to reports, from $14 to $16 a day by contractors who give bonuses, The New York Herald points out that a building trade which has not been changed since the days of Tut-ankh,amen should be cautious about forcing the competition of modern methods that may wipe it out. The Herald says:

"Bricklayers should remember that too few bricklayers and too high wages will soon result in the production of a substitute for brick walls.

"In great skyscrapers the brick hold up no weight but their own. The weight is carried by the steel frame. All that frame needs is an enclosure, and a substitute might readily be found lighter and cheaper than brick and laid in one-tenth of the time at one-tenth the cost."

CAST LIME BUILDING TILE IS DEVELOPED

A cast lime building tile for use in making partitions has been developed at the Bureau of Standards by the Fellow of the National Lime Association. The material of which it is made sets so that it can be removed from the mold at the end of ten mindtes. After twenty minutes it can be handled, and after seven days it has a compressive strength of one hundred pounds per square inch. It can be sawed, and nails can be driven into it.

The material is composed of five parts by volume of ground quick lime, ten of hydrate or slaked lime, and one of wood fiber. It is found to cure best when outdoors exposed to the weather. The new tile is about twenty per cent heavier than gypsum tile of the same size, and experiments are being conducted to see if the core volume can be increased without too great a sacrifice of strength.

EXAMINATION IS ANNOUNCED FOR ARCHITECTURAL DRAFTSMAN

U. S. Civil Service Commission announces examinations will be held throughout the county on November 7 and 8 for the position of architectural draftsman to fill vacancies in the Departmental Service at entrance salaries ranging from $1,500 to $2,000 a year, plus the increase of $20 a month granted by Congress. The examination is also to fill vacancies in positions requiring similar qualifications.

Applicants must have been graduated in architecture from a technical school of recognized standing or have had at least five years' experience in progressive architectural office drafting work. Competitors will be rated on the subjects of drawing and design; free-hand drawing, ornament, and projection; building materials and construction; and training and experience.

Full information and application blanks may be obtained from the U. S. Civil Service Commission at Washington, D C, or the secretary of the U. S. Civil Service Examiners at the post office or custom house in any city.

ITALY USING 80 PCT. HYDRAULIC POWER

Italy is using 80 per cent hydraulic power, and 20 per cent power derived from coal, said J. A. Sisto, head of Cisto & Co., investment bankers, returning on the "Leviathan" from a two weeks' conference with Premier Mussolini and his cabinet with reference to making certain changes in Italian financial methods.

"This 80 per cent hydraulic power and 20 per cent coal," said Mr. Sisto, "is just the reverse of what is was before the war. As a result the activity of Italy has simply been revolutionized.

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $30,000
OAKLAND, W Market St. 136 S 16th.
Two-story frame apartments.
Owner—Solomon Brown and wife, 1324 Myrtle St., Oakland.
Architect — Roy Bancroft and Harry Slocombe, St. Marks Hotel, Oakland
Contractor—Jas. Kann, 4000 Linwood, Oakland.

Contract Awarded.
APARTMENTS Cost, $25,000
SAN FRANCISCO, W Franklin 95 S Filbert St., San Francisco.
Three-story and basement frame (6) apartments.
Owner—G. Bisio, 770 5th Ave., S. F.
Architect—John J. Foley, 770 5th Ave. San Francisco.
Contractor—S. Ferroni & Son, 1926 Filbert St., San Francisco.

Plans Completed.
APARTMENTS Cost, $30,000
OAKLAND, W Market St. 140 S 16th.
Two-story 36-room frame apartments.
Owner—Solomon Brown, 636 Broadway Oakland.

Contract Awarded.
APARTMENTS Cost, $40,000
SAN FRANCISCO, NE Haight and Webster Streets.
Three-story and basement frame (12) apartments.
Owner—Dr. C. E. Dyer, 506 Haight St., San Francisco.
Contractor—Cox Bros., 1309 9th Ave., San Francisco.

Plans Being Figured.
APT. HOUSE Cost, $30,000
SAN FRANCISCO, Geary & Laguna Sts.
Four-story and basement concrete and frame Chinese restaurant and apt. house.
Owner—Wong Bew.
Architect—W. R. Yelland, Perry Bldg., Oakland.
Figures are being taken for a general contract.

Plans Being Prepared.
REMODEL Cost, $4000
SAN FRANCISCO, 22nd Ave. and California St.
Remodel 3-story frame bldg. into apts.
Owner—John F. Dunne.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $40,000
SAN FRANCISCO, SE Ashbury and Hayes Sts.
Three-story and basement frame (15) apartments.
Owner—Emil Nelson, 73 Allston Way, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $43,440
OAKLAND, Piedmont Ave.
Three-story and basement frame and brick veneer apartment house and 10 hollow tile garages.
Owner—Lawrence Jensen.
Architects — Schirmer - Bugbee Co. Thayer Bldg., Oakland.
Contractor—C. W. Short, 574 Rosal Ave Oakland.

Completing plans.
APARTMENTS Cost $—
FRESNO, Fresno Co., Cal., Van Ness & Olive Aves.
Two-story and basement 75x200, apts.
Owner—Mrs. J. V. Story, Fresno. Bldg., Fresno.
Architect — Eugene Mathewson, Cory Bldg., Fresno.

Contract Awarded.
APARTMENTS Cost, $12,500
OAKLAND, NW Santa Clara & Walsworth.
Two-story 16-room frame apartments and garage.
Owner—Margaret Waters, 3231 Boston Ave., Oakland.
Contractor—S. C. Walker, 3231 Boston Ave., Oakland.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., are preparing working plans for a 12-story class A apt. house to be erected at 3rd St. and Cedar Ave., Long Beach, for Chas. H. and Fred Stillwell. There will be a sub-basement for heating plant, auto storage in the basement; 14 shops, assembly room and lobby on first floor, and 539 rooms arranged in 264 apts. in the upper stories. Dimensions, 150x140 ft., reinf. conc. constr., stucco and cast stone exter., plate glass, marble lobby, mahogany and enam. inter. finish, tiled bathe and sinks, wall beds, 3 elevators, steam htg., vacuum cleaning, refrigerating system, $1,500,000.

LOS ANGELES, Cal.—J. H. Woodworth & Son, Room 207, Lilly-Fitcher Bldg., 3rd St. and Western Ave., are preparing sketches for a $60,000, three-story frame apartment building to be erected in the Sunset Portal tract on Sunset Blvd. and Bellevue Ave. for Mr Haytis of San Diego. Thirty-two 2 and 3 room apartments each, with bath; stucco exterior, tile and composition roofing, fire escapes, hardwood floors, tile baths and drainboards, dis. beds, probably gas rads.

LOS ANGELES, Cal.—C. M. Cornwall, 217 N. Alexandria Ave., has had plans prepared and will erect a 60-room, 30-apartment building at 412 S. Rampart Blvd., for himself. Three-story, 45x110 feet, frame and plaster construction, composition roofing, pine trim, oak and pine floors, wall beds, tiled baths, gas radiators, water heaters. Cost, $50,000.

LOS ANGELES, Cal.—Harry Genser, 208 Hibernian Bldg., has prepared plans for a 3-story class C brick apartment house to be erected at s.e. cor. of Pico St. and Wilton Pl. for the Eastern Realty Co. It will contain 130 rooms, 65 apartments; dimensions, 108x138 ft., brick walls, press. brick facing, comp. rfg., pine and hardwood trim, oak and pine fls., tiled baths, wall beds, steam htg., vacuum cleaning, $180,000.

LOS ANGELES, Cal.—H. P. Siberell, 224 Milford St., Glendale, has the contract to erect a 2-story brick store and apartment bldg. on Colorado Blvd, near Douglas St., for G. Riddell. Dimensions 62x100 ft., stores in first story, 13 apts. in 2nd story; brick walls, press. brick facing, plate glass, comp. rfg., pine trim, wall beds, comp. baths water htrs., gas rads.; $40,000.

SAN FRANCISCO—Architect F. W. Quandt, Humboldt Bank Bldg. will take sub-figures next week for the sheet metal work, painting and glazing in connection with the construction of The Heights Apartment House on N Broadway between Octavia and Laguna Sts. It is a 10-story class A structure.

LOS ANGELES, Cal.—Archt. William F. Bowen, 818 Union League Bldg., has been commissioned to prepare plans for a class B store, office and apartment bldg., to be erected at s.e. cor. Pico and Harvard Blvds. for F. E. Conway Co.; will contain stores on first fl. with offices and apartments on the upper stories. Steel fr. constr., brick walls, 111x114 ft., 3-story and part basement, press. brick facing, art. stone trim., comp. rfg., hardw. and cement fls., tile baths and drainbds., gas rads, wall beds, aut. water htrs., plate glass, marble work, O. P. trim.

BONDS

SAN LUIS OBISPO, Cal.— County supervisors sell $200,000 bond issue of Paso Robles Union High School District and bids to construct group of reinforced concrete buildings, to be financed through sale, will be asked shortly. Oroville L. Clark, Bakersfield, is the architect.

GRIDLEY, Butte Co., Cal.—Election held to vote bonds of $150,000 to finance construction of new school for Gridley High School District failed to carry by vote of 444 for and 253 against issue.

CASTELLA, Shasta Co., Cal.—Election will be held Nov. 3 in Castella School District to vote bonds of $5000 to finance construction of new school.

HAYWARD, Alameda Co., Cal.—Election will be held Oct. 20 in Mt. Eden School District to vote bonds of $45,000 to finance construction of new school. Trustees of district are: A. A. Oliver, J. C. Penke and J. H. Gansberger.

SPARKS, Nevada — Election will be called shortly in Sparks School District to vote bonds of $150,000 to finance construction of two new grammar schools.

CHURCHES

Contract Awarded on a Cost-Plus Basis.
CHURCH Cost, $45,000
ALAMEDA, Oak St. & Central Ave.
One-story frame & brick veneer church
Owner — First Methodist Episcopal Church.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., San Francisco.
Work has been started on clearing the site of the burned structure.

Preliminary Plans Prepared.
CHURCH Cost, $150,000
SACRAMENTO, Cal., Opposite Sutter Fort, 29th and L Sts.
One-story reinforced concrete & brick church.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbls. $2.99 Gal.
5 GAL. CANS $1.25 Net F.O.B. SF
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO, CALIF.
PHONE SUTTER 5507

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

Owner—First Congregational Church.
Architects—E. C. Hemmings & L. F. Starks, associated, Ochsner Bldg., Sacramento.

PASADENA, L. A. Co., Cal.—W. A. Taylor & Son, 966 Elizabeth St., Pasadena, have the contract to erect a $60,000, 2-story and basement brick and stone Sunday school bldg. at Holliston and Colorado Sts., Pasadena, for the Lake Avenue Methodist Church. Cyril Bennett, 600 Security Bldg., archt. Found. 40x128 ft., slate rf., hardwood fls., pine trim, unit gas furnaces, auditorium, removable chairs, 12 classrms, kitchenette.

FACTORIES AND WAREHOUSES

Contract Awarded.
MFG. PLANT Cost, $10,000
SAN FRANCISCO, S Stevenson 175 W 7th.
Two-story and mezzanine concrete light manufacturing bldg.
Owner — Greenburg Bros., 695 Stevenson St., San Francisco.
Architect—Mission Concrete Co., 517 New Call Bldg., S. F.
Contractor—Mission Concrete Co., 517 New Call Bldg., S. F.

Plans Being Prepared.
FACTORY Cost, $40,000
OAKLAND, Alameda Co., Cal. Twenty-second and Myrtle Sts.
Two-story and basement reinforced concrete bread factory (20,000 loaves capacity).
Owner—Rose Baking Co.
Architect—W. A. Doctor, 410 15th St., Oakland.

Contract Awarded.
CLEANING PLANT Cost, $10,000
FRESNO, Fresno Co., Cal. No. 603 Belmont Acenue.
Cleaning and dying plant.
Owner—J. Kavorian, 232 Yosemite St., Fresno.
Architect—None.
Contractor—Harry S. Brindle, Kearney and Madison Sts., Fresno.

Plans Being Figured.
FACTORY BLDG. Cost, $9,500
SAN FRANCISCO, Tehama St., near 5th St.
One-story and mezzanine reinforced concrete factory building.
Owner—
Architect — M. I. Schwartz, Nevada Bank Building, San Francisco.

Contract Awarded.
ADDITION Cost, $30,000
OAKLAND, W Franklin St. 250 N 17th.
One-story concrete addition to building and alterations.
Owner—Post Enquirer Publishing Co., 16th and San Pablo Ave., Oakland.
Contractor—F. T. Kennedy, 434 9th St. Oakland.

MERCED, Merced Co., Cal.—Yosemite Portland Cement Co. has started preliminary work on its new $1,000,000 cement plant to be erected 2 miles north of Merced; work is under supervision of M. Steinmetz, chief engr. The bldgs. will be of conc., steel and corru. iron constr.; there will be a machine shop and stockroom bldg., 144x36 ft., storage shed, 66x160 ft., a 1000-ton bunker storage will be built at Jenkins Hill.

LOS ANGELES, Cal.—Harbor comm. has leased site to John and Romy Rados for boat bldg. and repair shop and marine ways.

LOS ANGELES, Cal.—Harbor comm. has granted lease to Pan-Pacific Const. co. for site to manufacture asph. conc. piles.

SANTA ANA, Cal. — See "Dredging, Harbor Works and Excavations," this issue. To vote bonds.

LOS ANGELES, Cal.—Robert E. Milsap, 423 Marsh-Strong Bldg., has been awarded the general contract at about $115,000 for erecting new creamery bldgs. on Slauson Ave. west of Western Ave. for Crescent Creamery Co. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., archts. There will be a 2-story milk plant, 100x200 ft., 2-story ice cream plant, 93x200 ft., and a 1-story boiler house, 80x80 ft. Reinf. conc constr., plas. exter., steel sash, comp. rfg., steel rolling doors, conveyors, elevators, traveling cranes, etc.

LOS ANGELES, Cal—Milwaukee Bldg Co., 315 Wright & Callender Bldg., is preparing plans for a 6-story and basement class A wholesale bldg. to be erected at 220 S San Pedro St. for the Western Wholesale Drug Co. It will be 150x100 ft. reinf. conc. constr., plate glass, steel sash, comp. rfg., metal skylights, elevators; $200,000. Work will be started in about 30 days.

LOS ANGELES, Cal.—Weber Showcase Co., 316 S. Los Angeles St., has purchased 14½ acres of land at the northeast corner of South Park and Slauson Aves., and will erect a large factory at a cost of $500,000. The buildings will cover about 8 acres with a total floor area of 300,000 sq. ft. and will be of steel frame construction, brick walls, cement floors, sawtooth roofing construction, steel sash, wire and factory ribbed glass, loading platforms, conveyors, etc. No architect has been selected.

PORTERVILLE, Tulare Co., Cal. — Grand View Packing House has started construction oof a 40 by 100 ft. addition to the present main structure of its plant.

FLATS

Plans Complete — Sub-Figures to be Taken.
FLAT BLDG. Cost, $18,000
SAN FRANCISCO, E 9th Ave. 125 N Lake.
Two-story and basement, frame and stucco flat building (2 flats 7 and 8 rooms and 2 garages and 2 laundry rooms in basement).
Owner—Mel I. Schwartz, Nevada Bank Bldg., S. F.
Architect—Mel I. Schwartz, Nevada Bank Bldg., S. F.
Tile bathrooms, marble and caen stone lobby, linen shute, enamel and panel finish, cement plaster exterior and tile roof, automatic water heaters, recess tubs, showers, etc.
Mr. Schwartz wishes to receive the latest catalogues on all modern conveniences for residential flats.
Work will be started next week under the supervision of Mr. Schwartz.

Contracts Awarded.
FLATS Cost, $12,000
SAN FRANCISCO, W Franklin St. 35 S Broadway.
Two-story and basement frame (2) flats.
Owner—The Union Trust Co. of San Francisco, Trust of Mrs. Bertha Zadig.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
General Contract — M. E. Greene, 180 Jessie St., SanFrancisco.
Plumbing and heating to J. A. Black & Company.
Electric work to Crown Elec. Co., 153 Eddy St., S. F.
Painting to Fred Wagner, 63 Hoff Ave., San Francisco.

Contract Awarded.
FLATS Cost, $9000
SAN FRANCISCO, E 16th Ave. 225 N Balboa.
Two-story and basement frame (2) flats.
Owner—Florence Bertleson 615 Lincoln St., Alameda.
Contractor — H. S. Meinberger, 5720 California St., San Francisco.

GARAGES

Contract Let.
GARAGE Cost, $12,500
CROCKETT, Contra Costa Co., Calif.
Class C concrete garage.
Owner—L. Arata, Crocket, Calif.
Architect—Plans by owner.
Contractor—Karl Koller, Crockett, Cal.

Contract Let.
ADDITION Cost, $3,800
CROCKETT, Contra Costa Co., Calif.
Frame addition to garage.
Owner—Depot Garage, Crockett, Calif.
Architect—None.
Contractor—Karl Koller, Crockett, Cal.

LOS ANGELES, Cal.—Archt. C. C. Rittenhouse, 449 Wilcox Bldg., is preparing plans for a 1-story brick store and garage bldg., to be erected on E 7th St., for the East Seventh Street Industrial Stores Co.; will contain 8 stores and large public garage. Brick walls, 220x150 ft., enam. brick facing, comp. rfg., cem. fls., comp. rfg., gas rads., wood roof trusses, plate glass, metal store fronts, metal skylights, wire glass.

GOVERNMENT WORK AND SUPPLIES

DENVER, Colo.—Until Oct. 18, blds will be rec. by Bureau of Reclamation, for fur. gears and castings for hoist and swing drive mechanism for dragline excavator No. 131,474. Further information on request.

PEARL HARBOR, T. H.—Bureau of Yards and Docks, Navy Department, Washington, D. C., preparing plans for paint and oil storehouse to be erected at Pearl Harbor, York is provided under Specification No. 4911.

SAN FRANCISCO — See "Dredging, Harbor Works and Excavations," this issue. South San Francisco harbor survey.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing
PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

ASHINGTON, D. C. —Bids are he- reeclved by Bureau of Supplies & ounts, Navy Department, for fur. del. materials to Navy Yards as ows: date for opening as noted at of each paragraph:
hedule 1372, for east and west ls, steel plates, Oct. 23.
hedule 1373, for east and west, l shapes, Oct. 23.
hed. 1374, for east and west, sheet l, Oct. 23.
hed. 1375, for east and west, bar l, Oct. 23.
hed. 1376, for Puget Sound, 55.6 structural steel, Oct. 23.
hed. 1378, for Mare Island, 20,000 ugar pine, Oct. 30.
hed. 1379, for Mare Island, 15,000 hite oak, Oct. 30.
hed. 1380, for Mare Island, 14,520 sheet steel, Oct. 23.
hed. 1389, for Mare Island, 6 ship gerators, Oct. 30.
hed. 1390, for San Diego, 3000 lbs. l-r, Oct. 30.
hed. 1393, for eastern and western s, 337 reams emery cloth, Oct. 30.
hed. 1394, for Mare Island, 2000 on bed spreads, Oct. 30.
hed. 1396, for Puget Sound, 1 air pressor, Oct. 30.
hed. 1398, for east and west, 12,000 ets, Oct. 30.
hed. 1399, for Mare Island, 50 sets ting instruments, Oct. 30.
hed. 1400, for Mare Island and t Sound, 230 ash oars, Oct. 30.

LO ALTO, Santa Clara Co., Cal. — en Gate Iron Works, 1541 Howard San Francisco, at $2668, time for pletion December 15, awarded con- by Supervising Architect, Treas- Department, Washington, D. C. to and install iron bars in 116 grills uilding No. 105, Veterans' Hospi- Palo Alto.

ARE ISLAND, Cal.—Bids are being ved by Bureau of Yards and Docks Department, Washington, D. C., for opening not yet set) for fuel orage project at Mare Island Navy d, Calif. **For further information official notice in Official Proposal on in this issue.**

SN DIEGO, Cal.—Bureau of Yards Docks, Navy Department, Wash- gn, D. C., preparing plans for ing mast to be constructed at San o, Calif. Work is provided for un- specification No. 4916.

N FRANCISCO—Until Nov. 5, 11 bids will be rec. by Constructing termaster, Fort Mason, to fur. and l pump and motor and construct ion to pump house at Presidio. **See for bids under official proposal on in this issue.**

ASHINGTON, D. C.—Until Oct. 19, 3 a. m., bids will be rec. by Gen- Purchasing Officer, Panama Canal, d Circular No. 1565, for fur. and Balboa (Pacific Port): wrought or steel pipe and couplings, cast pipe fittings, gate valves, expan- joints, sheet packing, submarine ammonia condensers, metallic e hose, inner tubes, horse and shoes, lithopone, and corrugated or steel roofing. Further informa- nobtainable from Assistant Pur- sing Agent, Fort Mason, San Fran- c

WASHINGTON, D. C.—Until Oct. 23 bids will be rec. by Bureau of Supplies and Accounts, Navy Department, under Schedule No. 1357, fir fur. and del. Mare Island, Calif., navy yard 4000 ft. electric wire.

HALLS AND SOCIETY BUILDINGS

Plans Being Revised.
LODGE BLDG. Cost, $200,000
SAN JOSE, Santa Clara Co., Cal., 3rd and St. James Sts.
Two-story and basement reinforced concrete lodge building.
Owner—Scottish Rite Temple Association.
Architect—Carl Werner, Santa Fe Bldg San Jose.
Bids ran high and plans are being revised, new bids to be taken in about two weeks. Segregated figures will be taken as follows: Excavating, reinforcing steel, concrete work, plumbing, heating, electrical, painting, carpentry, masonry, plastering, tile roofing, and hardware.

Bids in and Under Advisement.
SORITY HOUSE Cost, $30,000
BERKELEY, Alameda Co., Cal. No. 2724 Channing Way.
Two-story 22-room frame and stucco sorit y house.
Owner—Alpha Gamma, 2647 Regent St., Berkeley.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.

Plans Being Prepared.
LODGE BLDG. Cost, $100,000
RICHMOND, Contra Costa Co., Cal. Nevin Ave. near Seventh St.
Two and three-story reinforced concrete and hollow tile lodge building (wire cut brick and terra cotta exterior).
Owner—Masonic Hall Ass'n
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Plans Being Figured.
CLUB Cost, $25,000
OAKLAND, Alameda Co., Cal Vicinity of Chimes Theatre off College Ave.
One-story frame and stucco club. (French Empire Styl).
Owner—The Rockridge Women's Club.
Architect—W. A. Doctor, 410 15th St., Oakland.
Figures are being taken for a general contract.

Plans Being Prepared.
CLUB BLDG. Cost, $30,000
HAYWARD, Alameda Co., Cal. Crow Canyon Road off Dublin Highway, 726 Acres.
One-story frame and stucco country club (fireproof roof).
Owner—East Bay Country Club.
Architect—W. A. Doctor, 410 5th St., Oakland.
Tennis court, golf grounds, bowling greens, etc.
Later a larger club house will be built.

Plans Being Prepared.
CLUB HOUSE Cost, $2500
ALAMEDA, Alameda Co., Calif. Lincoln Park.
Club House.
Owner—City of Alameda.
Architect—Carl Werner, Santa Fe Bldg San Francisco.

OAKLAND, Cal.—See "Banks, Stores and Offices," this issue.

ANAHEIM, Orange Co., Cal.—Archts. Jeffrey & Schaefer, 1106 Kerckhoff Bldg., L. A., have completed plans for a 3-story store and lodge bldg. to be erected at Anaheim for the Knights of Pythias lodge. It will be 60x150 ft. with stores in first floor, lodge rooms in second story and club rooms in third floor, brick constr., conc. basement, press. brick and terra cotta exter., plate glass, maple flrs., gum trim., steam htg., mech. vgt. sys.; $80,000. Owner will erect by day labor and subcontract under the supervision of Mr. Clow at the site.

BREMERTON, Wash. — Parker and Wood, Arcade Bldg., Seattle, at $148,000 submits low bid to erect Y.M.C.A. (annex) building at Bremerton. Next low bidders were Miller Bros., $153,882; Rounds-Clist Co., $156,797. Will be 5-story and basement, 101 vy 120 ft., of reinforced concrete and steel construction. Bids forwarded to N. Y. office of association for action. Lawton & Mouldenhour, architects, Seattle, Wash.

HOSPITALS

Bids to be Taken Next Week for Carpentry and Plastering. Additional Sub-Contracts Awarded.
HOSPITAL Cost, $300,000 or more
SAN FRANCISCO, S Sutter E Larkin.
Ten-story and basement class A reinforced concrete and steel hospital bldg. 56x137-6 (college of Electronic Medicine).
Owner—Dr. Albert Abrams.
Architect — Mel I. Schwartz, Nevada Bank Bldg., San Francisco.
Plumbing to C Peterson Co., 390 6th St.
Heating to C. Peterson Co., 390 6th St.
Electrical work to Frank Klimm.
As reported before the structural steel was awarded to Shrader Iron Works, $60,780, and the grading, excavating, reinforcing steel and concrete work to John Spargo, Russ Bldg., $87,150.

REDWOOD CITY, San Mateo Co., Cal.—Bush Electric Corp. awarded contract by county supervisors at $2515 to fur. and install X-Ray equipment for county community hospital.

BAKERSFIELD, Kern Co., Cal.—Until Oct. 29, 10:30 A. M., bids will be rec. by F. E. Smith, County Clerk, to erect Old People's Home in Flower St., East Bakersfield. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Estimated cost, $100,000. Segregated bids are desired for (1) general contract, including all work except items following: (2, 3, 4 and 5; (2) plumbing and heating; (3) electric work; (4) painting; (5) finish hardware. Cert. check 10% payable to clerk req. Plans obtainable from architect on deposit of $25, returnable. **See call for bids under official proposal section in this issue.**

REDWOOD CITY, San Mateo Co., Cal. —Insulate Chemical Co., San Francisco, submits specifications to county supervisors for furnishing the campany's flooring for the tubercular pavilion at the old county hospital site. Taken under advisement. W H. Toepke, architect, Call Bldg., San Francisco.

mber S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
ndom Variegated Colors Slate Roofing
and
ndom Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
80 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5932

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—0223

RIVERSIDE, Riverside Co., Cal.—Architect Myron Hunt, 1107 Hibernian Bldg., Los Angeles, has completed plans and is taking bids for erecting a new hospital building at Riverside for Riverside Community Hospital Assn. Bids will be taken separately on the general contract, painting, plumbing, wiring, heating and terrazzo flooring. Bids are to be opened Nov. 6. The hospital is designed for 100 beds; 1-story, 350x250 ft., hollow concrete walls, stucco exterior, clay tile roofing, pine trim, metal lath and plaster partitions, steam heating, operating unit, X-Ray department lavatories.

SAN FRANCISCO — A. Lettich, 365 Fell St., at $13,746 awarded cont. by Bd. Pub. Wks. to move Ward "A" bldg. at Relief Home.

SAN FRANCISCO, Cal.—The C. Peterson Co., 390 6th St., have been awarded a contract by Architect M. I. Schwartz for installing a new steam heating system in the Wakefield Hospital on Sutter St. E Larkin. Cost approximately $7,000. Dr. A. A. Abrams is the owner.

STOCKTON, San Joaquin Co., Cal.—The Board of Supervisors of San Joaquin County opened bids on October 9th for the furnishing and satisfactory completion of all labor and materials in the erection of one full control Automatic Hydro-Electric Plunger Type Passenger Type Elevator to be placed in present elevator shaft of Ward Building of the San Joaquin General Hospital; also for the removal, repairing and replastering of walls and ceilings.

Elevator Work

Van Emon Elevator Co., S. F.....$1950
Only bid, contract awarded.

Re-Plastering Walls

Eric Larsen $8030
N. J. Miller 9064.72
Contract awarded to Eric Larsen.

STOCKTON, San Joaquin Co., Cal.—See "Official Proposal" section in this issue. Bids wanted for steel tank and tower.

SAN FRANCISCO—The Hip Sing Laborers and Merchants Association, a Chinese organization, meeting in annual convention in Philadelphia, Pa., Oct. 8, voted to raise $750,000 to finance construction of a hospital in San Francisco. Each state and Alaska were represented by a delegate and each pledged his district to raise $15,000.

HOTELS

Contract Awarded on Percentage Basis
Sub-Figures To Be Taken.
HOTEL Cost. $500,000
MONTEREY, Monterey Co., Cal.
Three and five-story reinforced concrete hotel (about 200 rooms)
Owner—Ronie Jacks, Monterey, Cal.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—W. H. Avery, of Santa Barbara and Monterey.
Sub-figures will be taken by the owner and architects.

SAN PEDRO, Los Angeles Co., Cal.—W. J. Hayes & Son, 142 E. 3rd St., Long Beach have the contract at about $225,000 to erect a six-story Class A hotel building, at 7th St. and Palos Verdes Ave., San Pedro, for L. De Carlo; will contain 156 rooms, each with bath, large lobby, and 3 stores. Leonard L. Jones, 603 Grosse Bldg., is the architect. Reinforced concrete construction; six story and basement, 80x115 ft., pressed brick and terra cotta facing, composition roofing, cement, hardware and O. P. floors, tile baths and lobby, steam heating system, electric elevators, ornamental iron work, automatic storage water heater, plate glass, steel sash, inter-telephone system, staff work, metal store fronts, metal lath.

TORRANCE, L. A. Co., Cal.—M. B. Korman of Korman & Co., has purchased the cor. of Cravens and El Prado Sts., and will erect a modern 3-sto. brick hotel bldg. in the near future. At present the firm is erecting 5 residences on Sartori St.

SAN PEDRO, Los Angeles Co., Cal.—A. V. Perkinson, 362 S. Hoover St., has the contract to erect a three-story store and hotel building at the southeast corner of Palos Verde and Ninth Sts., San Pedro, for Tony and Mate Yeseta. Dimensions, 54x106 ft., frame and plaster construction, composition roofing, plate glass, pine trim, lavatories, baths, gas radiators, water heaters. Cost, $40,000.

LOS ANGELES, Cal.—Archts. John P. Krempel and Walter E. Erkes, Bradbury Bldg., are completing plans for a 2-story brick store and hotel bldg., to be erected on N Broadway between College and Alpine Sts. for L. Clemente. Dimensions, 70x110 ft., 6 stores, 40 rooms, 4 baths, brick walls, press. brick facing terra cotta trim, plate glass, structural steel, comp. rfg., metal skylights, pine trim, lavatory in each room. Bids will be taken in two weeks.

ICE AND COLD STORAGE PLANTS

FRESNO, Fresno Co., Cal.—Farmers' Dairy, 1515 Broadway, Fresno, is having plans prepared for a class A milk pasteurizing plant to be erected in Fresno. Additional information will be given when plans are further progressed.

POWER PLANTS

Being Done By Day's Work.
BUILDINGS $30,000 & $1
SAN FRANCISCO, N Humboldt St.
Deleware and Maryland.
One-story steel gas generating bl
1-story steel boiler building.
Owner—Pacific Gas & Elec. Co.
Sutter St., San Francisco.
Architect—Eng. Dept. of Owner.
Sheet metal to W. Heidt Cornice

TURLOCK, Stanislaus Co., Cal. "Irrigation Projects," this issue. wanted.

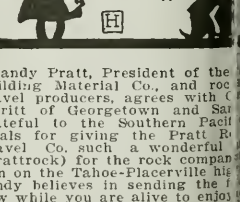
SANTA BARBARA, Cal—So. Cal son Co. purchases site in Quara St., bet. Montecito and Gutierrez for a transformer station est. to $150,000. The station will take ca two high power lines from Sa bringing in a total of 12,000 volts will be stepped down to 2200. Sterling of the local office in cha

TUCSON, Ariz.—The electrical gineering dept. of the Universi Arizona, Tucson, will purchase el cal equipment for work in the c Prof. Paul Cloke, head of the dept

SANTA BARBARA, Cal.—See "I tion Projects," this issue.

NOTE:—In Sandy's Pratt's famous contest for a commercial name Sandy's new crushed rock and gravel to be produced at Prattrock, near som, the five judges are trying to select a name which will be annou in these columns later. The following K.C.B.-like letter is from Charle Jerritt of the Queen Insurance Co. of Georgetown, Calif.—Charlie alv writes a wonderful letter. Note what he says about the Southern Pacific whose officials, like all railroad officials and employees are always plea and accommodating to Sandy Pratt and his wonderful corps of assistant Sacramento, Prattco, Marysville, San Francisco and Prattrock.

IF I was Sandy Pratt.
* * *
PRESIDENT AND everything.
* * *
OF THE Pratt Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
WHO WORKS sand.
* * *
TALKS SAND.
* * *
AND SELLS sand.
* * *
EIGHTEEN HOURS per day.
* * *
SAND DUG in Sacramento.
* * *
BUT FROM the high mountains.
* * *
OF EL Dorado County.
* * *
AND EASTERN Placer County.
* * *
A REAL God's country.
* * *
WHERE YOU can grow everything.
* * *
I WOULD offer the prizes.
* * *
IN SANDY Pratt's contest.
* * *
OF $250.00.
* * *
FOR A trade name.
* * *
FOR SANDY'S new crushed rock.
* * *
TO THE Southern Pacific Co.
* * *
AND THEIR Officials.
* * *
WHO GAVE Sandy.
* * *
THE NAME of "Prattrock."
* * *
FOR HIS shipping point.
* * *
FOR HIS rock and gravel.
* * *
WHICH AT one time.
* * *
WAS PART of the Placer County.
* * *
AND EL Dorado County.
* * *
"I THANK you."



Sandy Pratt, President of the Building Material Co., and roc gravel producers, agrees with Jerritt of Georgetown and Sa grateful to the Southern Pacif ficials for giving the Pratt R Gravel Co. such a wonderful (Prattrock) for the rock compan tion on the Tahoe-Placerville hig Sandy believes in sending the f now while you are alive to enjo instead of placing them on your so you and your tear-filled-eye cannot see them. Sandy herewi closes a train load of flowers railroad men.

LS ANGELES, Cal.—Until 3 p. m., t 23, bids will be rec. by dept. of lc service, 207 S Bdwy., for 35,000-llighting arrestors. Spec. P-317. Jas. roman, secy.

SNTA MONICA, Cal.—Santa Monica Home Telephone Co. has applied ie Railroad Comm. for an order orizing sale of $26,500 first mort- bonds and 1000 shares of capital ., to expend proceeds for additions tisions and improvements of its and system est. to cost $275,000.

RESIDENCES

e Done By Day's Work.
EDENCE Cost, $10,000
FRANCISCO, Cal., S McLeran 80 E 29th Ave.
story and basement frame residence.
er—Allen & Co., 168 Sutter St., San Francisco, Calif.
itect—Earle B. Bertz, 168 Sutter St., San Francisco, Calif.

Being Prepared.
DENCE Cost, $16,000
SNO, Fresno Co., Cal., Terrace and an Ness Ave.
and 2-story brick and tile residence (9 rms. 2 baths).
er—C. J. Ryland.
itect—Swartz and Ryland, Rowell Bldg., Fresno.

es Being Taken From a Selected List of Contractors.
LLING Cost, $17,000
MATEO, Cal., San Mateo Park.
story and basement frame and stucco residence with tile roof (10 rooms, 3 bathrooms and garage).
itect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
water heating system, hardwood s and interior, etc.

ract Awarded.
DENCE Cost, $10,000
FRANCISCO, E San Lorenzo Way 10 S Portola Ave.
story and basement frame residence.
er—Margaret McLaughlin 140 Clipper St., San Francisco.
itect—Theo. W. Lenzen, 706 Humboldt Bank Bldg., San Francisco.
ractor—J. Casty & Son, 180 Jessie St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $5000
MARTINEZ, Contra Costa Co., Cal.
One-story 6-room frame and stucco residence.
Owner—Dr. J. L. Beard, 706 Main St., Martinez.
Architect—Jas. T. Narbet, 910 Macdonald Ave., Richmond.

Contract Let.
RESIDENCE Cost, $12,000
RODEO, Contra Costa Co., Calif.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco, Cal.
Architect—Leo. J. Devlin, Pacific Bldg., San Francisco, Cal.
Contractor—Karl Koller, Crockett, Cal.

LOS ANGELES, Cal.—Archts. Ruoff & Munson, 1107 Story Bldg., are completing plans for a 19-room duplex residence, to be erected on N. Kenmore Ave., for Mrs. C. L. Smith and Frances L. Alexander. Brick veneer and frame constr., plaster and brick exter., 2-sto. and part basement, 54x72 ft., gas unit htg. sys., shingle and comp. rfg., 4 tile baths and vestibules, hardw. fls., 2 tile mantels, wall beds, O. P. and hardw. trim, aut. water htr.; $35,000.

LOS ANGELES, Cal.—Archt. William F. Bowen, 813 Union League Bldg., has completed plans for a 16-unit residence court, to be erected at cor. Blanchard St. and Evergreen Ave., for Mr. Kelz.; each unit will contain 4 rms. Frame and plas. constr., tile and comp. rfg., hardwd. fls., gas rads., wall beds, ornam. iron work; $50,000.

LOS ANGELES, Cal.—Bower & Shaw, 401 Western Mutual Life Bldg., have completed plans and have the contract to erect a 19-unit residence court at cor. Crown Hill and Columbia Aves., for P. B. Carey; each unit will contain 4 rms. Frame and plaster constr., 2-story tile and comp. rfg., hardwd. fls., tile baths and drainbds, gas fl. furnace htg, aut. water htrs., wall beds, O. P. trim, incinerator, tile mantels, ornam. conc. fountains; $70,000.

SCHOOLS

Figures To Be Taken Next Week.
COLLEGE BLDGS. Cost, $600,000
STOCKTON, San Joaquin Co., Cal.
Group of 7 2-story concrete, brick and wood college buildings with terra cotta trim and slate roofs.
Owner—College of the Pacific.

Managers of Construction—Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Architects—See following note.
Science Building—Loseckann & Crowdsley, Elks Bldg., Stockton, architect.
Dining Hall—Wright & Satterlee, Bank of Italy Bldg., Stockton, architect.
Auditorium—Mayo, Cowell & Bissell, 21 S San Joaquin St., Stockton, architects.
Boys Dormitory, Girls Dormitory, Power House and Stadium. Davis-Heller-Pearce Co., architects.
Administration Building — Louis S. Stone & Franklyn E. Warner, Belding Bldg., Stockton.
Gymnasium Building—Wright & Saterlee. This building will not be figured at this time.
Stadium—The work is being done by the college under the supervision of Davis-Heller-Pearce Co., and is three-quarters complete; seating capacity, 20,000.

Commissioned to Prepare Plans.
SCHOOL Cost, $60,000
ALVARADO, Alameda Co., Cal.
One-story hollow tile school (6 rooms and an auditorium)
Owner —Alvarado Grammar School District.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.

Contract Awarded.
SCHOOL BLDG. Cost, $16,380
STOCKTON, San Joaquin Co., Cal., about 12 miles from Stockton.
One-story 2-room brick and tile school.
Owner—Castle School District.
Architect—Davis Heller-Pearce Co., Delta Bldg., Stockton, Cal.
Contractor—E. L. Fetters, Stockton, Calif.

Contract Awarded.
MANUAL TRAIN. BLD. Cost ap. $35,000
WOODLAND, Yolo Co., Cal.
One-story reinforced concrete manual training bldg., 200 ft. long.
Owner—Woodland High School District
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—W. R. Fait, Reamer Park, Woodland, Cal.

Owner Taking Sub-Figures.
SCHOOL Cost, $70,000
SAN FRANCISCO S 29th 105 W Church
Three-story brick high school.
Owner—St. Paul's Parish (Father M. D. Conolly) Roman Catholic Archbishop of San Francisco, 1100 Franklin St., S. F.
Architect—Shea & Shea, Chronicle Bldg San Francisco.
Figures are being taken by Father Connolly of the Parish.

Plans Being Figured.
SCHOOL Cost, $22,000
CONVENT Cost, $13,000
VISALIA, Tulare Co., Cal., North Garden and East Race streets.
Four-room brick school and 2-story stucco convent.
Owner—Visalia Parish St. Mary's Catholic Church.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

LOS ANGELES, Cal. — Archt. S. H. Brown, 528 Union League Bldg., is completing plans for a chapel and gate lodge to be erected at Downey Rd. and Whittier Blvd. for the Jewish Cemetery chapel will contain auditorium to seat 200 people with anterms, and the gate lodge will have office and 6-rm. apt. Brick, frame and plaster constr., tile and comp. rfg., maple and cem. fls., art glass, tile bath, mantel, tile fls., metal lath, 300 ft. of wrought iron fence; cost, $50,000.

MILL VALLEY, Marin Co., Cal.—Until Oct. 22, 12 M bids will be rec. by Mary F. Seymour, clerk, Tamalpais Union High School District for furnishing materials for school: Glass for skylight on swimming tank; heating plant for swimming tank and symnasium; supplies for domestic science department; filling on athletic field; iron work and canvas for awning between main building and commercial build- from Principal at high school.

SAN FRANCISCO—Board of Public Works rejects bids received Oct 3rd for alterations at Yerba Buena school New bids will be asked in the immediate future.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
5 Market Street San Francisco

TRANQUILLITY, Fresno Co., Cal. — As previously reported, contract to erect school bus garage for Tranquility Union High School District was awarded to W. F. Jennings, Fresno, at $4809. Complete list of bids follows. W. F. Jennings, Fresno, $4809; B. K. McGinty, Fresno, $5185; J. B. Hart, Fresno, $5350; W. J. Jolly, Fresno, $5,524; Square Cooper, Selma, $6600; Fisher and McNulty, Fresno, $5839; Frederickson and Shannon, Fresno, $5,840; Miller and Wyatt, Fresno, $6942. Will be one story fireproof construction. Ernest J. Kump Co., architects, Rowell Bldg., Fresno.

SAN FRANCISCO—Until Oct. 17, 3 p. m., bids will be rec. by Board of Public Works for fur. and installing shades in the Galileo high school in Van Ness Ave., bet. Bay and Francisco Sts. Est. cost $800. Specifications obtainable from Bureau of Architecture, 2nd floor, City Hall.

SAN FRANCISCO—Board of Education requests supervisors to appropriate $10,000 for purchase of furniture required for Galileo High School on Van Ness avenue.

LOS ANGELES, Cal. — Herbert E. Gauger and David S. Lockwood, 516 Dleta Bldg., have been awarded the general contract at $212,077 for erecting a new dormitory bldg. at Melrose and Vermont Aves. for the California School of Christianity. Robert H. Orr, 1305 Corporation Bldg., archt. Bids for plumbing, painting, wiring, heating and ventilating are held under advisement. The bldg. will be 3-story and part 4-story, 120x120 ft., and will contain 80 rms.; brick construction, ruffled brick facing, tile rfg., pine trim, tiled baths, showers, lavatory in each room, steam heating.

SONOMA, Sonoma Co., Cal.—Sonoma Grammar School District votes bonds of $25,000 to finance repairs, 2-classroom addition and installation of heating system in present grammar schaool

SAN FRANCISCO—Home Manufacturing Co., 543 Brannan St., at $894 awarded contract by Board of Supervisors to furnish and install map case for Board of Education.

ROSS, Marin Co., Cal.—Until Oct. 22, 8 p. m., bids will be rec. by Ross School District to furnish and install school chair desks in Ross school. Plans obtainable from clerk of District, H. C. Rodgers at Ross.

MERCED, Merced Co., Cal. — Until Oct. 18, 8 p. m., bids will be rec. by H. K. Landram, clerk, Merced Union High School District, to furnish and install water heater and storage tank for gymnasium building. Cert. check 10% payable to clerk req. Spec. obtainable from W. E. Bedesen, Engineer, Merced. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., has been commissioned to prepare plans and specifications for a 12-unit addition to be erected at Raymond Ave. School site. It will be of brick construction with tile roofing. Cost, $84,000.

SAN FRANCISCO—Geo. H. Tay Co., 8th and Natoma Sts., at $58.90 each awarded contract by Board of Supervisors, to furnish 18 porcelain urinals for Frank McCoppin School.

WILMINGTON, L. A. Co., Cal.—Sordal & Mayson, Long Beach, were awarded the general contract at $70,289 for erecting a new school bldg. at Fries Ave. School site, Wilmington. Other contracts were awarded as follows: Plumbing to E. W. Crowell at $6574; heating to J. Hokom at $7121; painting to H. H. Mann at $3880, and wiring to H. H. Walker at $3033.

LOS ANGELES, Cal.—Archt. T. Beverley Keim, Jr., Haas Bldg., has been rommissioned to prepare plans for a 2-story 12-room addition to be erected at Angeles Mesa school site. It will be of brick construction and is to cost $84,000.

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost, $12,000
SAN FRANCISCO, W 8th 125 N Bryant.
One-story brick store bldg.
Owner—Rosenblum-Hoelscher.
Architect—D. C. Coleman, 1141 Market, San Francisco.
Contractor—M. V. Brady, Monadnock Bldg., San Francisco.

Plans Being Figured
STORE BLDG. Cost, $8,500
TRACY, San Joaquin Co., Cal.
One-story brick store building, 25x90.
Lessee—Piggly Wiggly Stores Co. (To be in charge of Sims & Houston of Stockton).
Architect—Ralph P. Morrell, 41 S Sutter St., Stockton.

Figures Being Taken From a Selected List of Contractors.
STORE ETC. Cost, $175,000
OAKLAND, Alameda Co., Cal., Downtown district.
Three-story reinforced concrete store loft and dance hall building.
Owner—Withheld.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Figures are being taken for a general contract.

Plans Being Prepared.
STORE BLDG. Cost, $——
CALISTOGA, Napa Co., Cal.
One-story hollow tile and wire cut brick store building (2 stores).
Owner—Mr Phillip and Mr. Hoover.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Plans Being Prepared.
STORE Cost $—
PETALUMA, Sonoma Co., Cal., Kentucky St., bet. Western Ave., and the Maclay property.
Two-story and basement store and office building.
Owner—Mrs. L. L. Gross.
Architect—Brainerd Jones, 110 Washington, Petaluma.

Plans Being Prepared.
STORE FIXTURES Cost $100
LOS ANGELES, Cal., E Broadway be 8th and 9th Sts.
Store fixtures for music store (12-st class A structure).
Owner—Wurlitzer Co.
Fixture Architect—Vernon W. Hou ton, Post St., San Francisco.
Building Architects—Walker & El Pacific Title Bldg., Los Angele

Contract Awarded.
MARKET Cost, $
SAN FRANCISCO, S McAllister St., Buchanan.
One-story frame market (brick ver exterior, cement floor, plate gl Kawmer store front).
Owner—S. Orchid and M. Wiedman
Architect—M. I. Schwartz, Nevada Bldg., San Francisco.
Contractor—J. S. Malloch, 180 Jessie San Francisco.

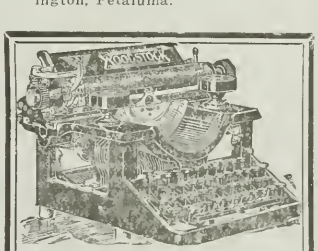
General Contract Awarded.
STORE Cost, $22
BERKELEY, Alameda Co., Cal. T graph Ave. N Bancroft Way.
One-story and basement reinfor concrete store.
Owner—Mercantile Trust Co.
Architect—Jas. W. Plachek, 2014 Sh tuck Ave., Berkeley.
Mr. C. Collupy of the Mercan Trust Co., 464 California St., San Fr cisco is supt. of construction.
Excavating, grading, concrete work reinforcing steel awarded to F. Nelson 3090 King St., Berkeley $11,150.

General Contract Awarded.
THEATRE & STORE Cost, $60.
Total Cost $100.
OAKLAND, Foothill Blvd. near S inary Ave.
General Contract for class A re concrete motion picture theatre store building, cement exterior.
Owner—Mrs. G. Moulin, San Franci.
Architect—Reid Bros., 105 Montgo ery St., San Francisco.
Contractor — G. B. Pasqualette, Union St., San Francisco.

Plans Being Figured.
STORE BLDGS. Cost, $30,000 ea
SAN FRANCISCO, S Union between chanan and Webster Sts.
Two 1-story reinforced concrete st buildings (market & store).
Owner—Samuel Levin.
Architect—Reid Bros., 105 Montgom St.
Figures are being taken both a general contract and segregated c tracts.

Contract Awarded.
OFFICE BLDG. Cost, $1,350.
LOS ANGELES, Cal., Flower St., n 8th St.
Twelve or thirteen-story class A o building.
Owner—Los Angeles Gas & Elec Company.
Architect — Parkinson & Parkins Title Insurance Bldg., Los Ange
Contractor—P. J. Walker Co., M chants National Bank Bldg., Angeles and Sharon Bldg., Francisco.
Construction will start about N 1st, when sub-figures will be taken.

KING'S ORIENTAL STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

Contract Awarded.
STORES Cost, $21,968
OAKLAND, SE 16th & Jefferson Sts.
One-story brick stores.
Owner—A. J. Tucker, 1682 Grand Ave. Piedmont.
Contractor—Jas. L. Rich, 743 Hillgirt Circle, Oakland.

Foundation Contract Awarded.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell and Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Foundation contract awarded to I. M. Sommers, Balboa Bldg., at approx. $35,000.

Plans Being Prepared.
OFFICE & STORE BLDG. Cost, $35,000
SAN FRANCISCO, Mission St., near 18th Street.
Two-story and mezzanine floor reinforced concrete office and store building (cement exterior, T & G roof marble work).
Owner—Withheld.
Architect — Mel. I Schwartz, Nevada Bank Bldg., San Francisco.

Contract Awarded.
REPAIRS Cost, $40,000
STOCKTON, San Joaquin Co., Cal. Main and Sutter Sts.
Repairs to fire damaged bank building.
Owner — Commercial & Savings Bank, Premises.
Architect—None.
Contractor—Thos. Lewis and Henry Green, 705 Yosemite St., Stockton.

Plans Being Prepared.
OFFICES AND STORES Cost, $250,000 to $300,000
STOCKTON, San Joaquin Co., Cal. Sutter St., near Main, adj. to present building.
Ten-story Class A office and store bldg.
Owner—Commercial & Savings Bank.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St., San Francisco.

Sub-Figures Being Taken For Plumbing, Heating, Electric Wiring and Sprinkler System.
DEPARTMENT STORE. Cost, $125,000
SAN FRANCISCO, W Mission St. near Twenty-second St., 130 ft. on Mission Street.
Reconstruct three-story and basement frame department store building (concrete walls, tile front, etc.)
Lessees—Wm. R. Davis & Bro., 2533 Mission St., San Francisco.
Owner—Kiel Estate.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., San Francisco.
Manager of Construction — Stockholm & Son, Monadnock Bldg., S. F.

LOS ANGELES—See "Theatres," this issue.

TERRA BELLA, Tulare Co., Cal. — Mission Building Co., Porterville at $4825 submits low bid to Terra Bella Irrigation District to erect office building. Other bids: Frank Sheldon, Porterville, $5885; Frey Construction Co., Porterville, $5425; H. C. Grove, Terra Bella, $5015. Three low bids taken under advisement. E. R. Clemens, secy. of district.

ANAHEIM, Orange Co., Cal.—Wilson & Beaver, Anaheim, have been awarded the contract to erect a 6-story office and store bldg. at the cor. of Center and Claudina Sts., for S. Kraemer. M. Eugene Durfee, 204 Samuel Kraemer Bldg., Anaheim, archt. The bldg. will be 91x48 ft. and cost $300,000. Other contrs. let are: elec. work to J. J. Farley Elec. Co.; steel joists to W. H. Wilson, Los Angeles; struc. steel frame to Union Iron Works; elevators to Otis Elevator Co.

OROVILLE, Butte Co., Cal.—Kinn Abstract Co., Oroville, is having plans prepared for a one-story hollow tile office building to be erected in Huntoon Street. Solon S. Kipp is president of the company.

HUNTINGTON PARK, Los Angeles Co., Cal.—Macdonald & Kahn, 603 Loew State Theatre Bldg., have the contract to erect a two-story store building at Huntington Park, for the F. W. Woolworth Co. Plans by the owner's engineering department. Brick walls, 150x100 ft., composition roofing, cement and O. P. floors, pressed brick facing, plate glass, steel sash, skylights. Cost, $50,000. The first floor will be used for store and second for storage purposes.

LOS ANGELES, Cal.—Lloyd & Casler, 409 Junior Orpheum Bldg., are having plans prepared for a 3-story class A textile bldg., to be erected at Pico and Wall St., for themselves. Reinf. conc. constr., 100x120 ft., comp. rfg., conc. fls., steel sash, wire and plate glass, elec. freight elevator, sprinkler sys., struc. steel, fire escapes, brick curtain walls, press. brick facing; cost $150,000.

ANAHEIM, Orange Co., Cal.—Union Iron Works, Los Angeles, has the contract to erect the structural steel frame for the new Anaheim Savings Bank Bldg. being erected by Samuel Kraemer at cor. Centre and Claudina Sts. The bldg. will be 6-story of Italian-Renaissance style, and cost $300,000. W. H. Wilson, Los Angeles, will furnish the steel joists. M. Eugene Durfee, 204 Samuel Kraemer Bldg., archt.

LOS ANGELES, Cal.—Architects S. Tilden Norton and Frederick H. Wallis, 716 S. Spring St., have completed plans for a two-story store and office building to be erected at the southwest cor. of Seventh St. and Westlake Ave., for the Royal Realty Co.; will contain 9 stores and 34 office suites. Brick walls, 90x150 ft., pressed brick and terra cotta facing, cement and hardwood floors, plate glass, gas steam rads., metal store fronts, ornam. iron work, metal lath. Owner will build by day labor, under the supervision of F. H. Muchmore, 2412 Echo Park Ave.

LOS ANGELES, Cal.—Scofield Engineering-Construction Co., Pacific Finance Bldg., has the contract on a fixed fee, guaranteed cost basis, for erecting a 12-story and basement class A bank and office bldg. at n.e. cor. of 7th and Spring Sts. for Joe Toplitzky The main floor, mezzanine and second story will be occupied by the Heliman Commercial, Trust & Savings Bank. Schultz & Weaver, Pacific Mutual Bldg. archts. The bldg. will be 104-119 ft., 20 offices on each of the upper 10 floors; steel frame construction, brick filler walls, reinf. conc. fls.; stone, terra cotta and press. brick facing, plate glass, marble and tile work, bank fixtures, 4 elevators, steam htg., vacuum cleaning, ornamental iron and bronze; cost $1,200,000.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

EUREKA, Humboldt Co., Cal.—Until Nov. 5, 7:30 p. m., bids will be rec. by Geo. B. Albee, secy. Board of Education for fur. and installing machinery and equipment in Eureka high school. Cert. check 5% payable to Eureka High School District req. Spec. obtainable from secretary.

THEATRES

Contract Awarded.
PICTURE STUDIO Cost, $15,000
SAN FRANCISCO, Ninth and Sheridan Streets.
One-story reinforced concrete moving picture studio.
Owner—Merton J. Price, 630 20th Ave., San Francisco.
Architect — Dodge A. Reidy, Pacific Bldg., San Francisco.
Contractor—F. J. Reilly, 180 Jessie St., San Francisco.

Preliminary Plans Being Prepared.
THEATRE Cost, $25,000
MORGON HILL, Santa Clara Co., Cal.
One-story hollow tile motion picture theatre.
Owner—Withheld.
Architect — Miller & Warnecke, Perry Bldg., Oakland.

Plans Being Figured—Bids Close October 15, 1923.
THEATRE Cost, $350,000
SACRAMENTO, Cal., K St., near 10th street.
Class A steel frame and reinforced concrete theatre (pressed brick and terra cotta exterior, concrete roof)
Owner—Paramount Theatre Cptn.
Architect — Leonard Starks, Ochsner Bldg., Sacramento.
Bids are being taken from the following selected contractors:
Lindgren-Swinerton Co., Shandard Oil Bldg., San Francisco.
K. E. Parker Co., Clunie Bldg., S. F.
Mathews Constr. Co., Forum Bldg., Sacramento.
Separate bids are being taken for the mechanical equipment.

GLENDALE, L. A. Co., Cal.—Arthur G. Lindley and Chas. Selkirk, assoc., 800 Amer. Bank Bldg., are preparing plans for a class A theatre bldg., to be erected on east side of Brand Blvd., n. of Wilson St., Glendale, for Dr. Jessie A. Russell and William McMillian; the theatre has been leased to the West Coast Theaters, Inc., and C. L. Langley, Inc. It will have a seating capacity of 2100 people, and there will also be offices and shops in the bldg.; reinf. conc. constr., press. brick facing, terra cotta trim, steam htg. system, plate glass, comp. rfg., basement, mech. ventilating system, cem., hardwd. and tile fls., ornam. iron work, staff, metal store fronts, etc.; cost $300,000.

ANGELS CAMP, Calaveras Co., Cal.—Wieland Bros., and Wallace H. Hubbert, architects and builders, awarded contract by Stockton interests to construct concrete motion picture theatre; est. cost $20,000.

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., is preparing plans for a 1-story and part 2-story theatre, store and office bldg., to be erected on Vermont Ave. near 3rd St., for J. J. Warwick and Dr. C. M. C. Walters; will contain theatre to seat 900 people, 3 stores with several office suites on second fl. Brick walls, 75x150 ft., press. brick and terra cotta facing, comp. rfg., plate glass, metal store fronts, gas steam rads., part basement, ventilating system, cem., hardwd., O. P. and tile fls., ornam iron work, wood roof trusses; work will be done by subcontract.

WHARVES AND DOCKS

RICHMOND, Contra Costa Co., Cal.—Due to lack of funds, city council postpones indefinitely, the construction of an addition dock at the municipal wharf. H. D. Chapman, city engineer, estimated the cost at $496,000.

SANTA ANA, Cal.—See "Dredging, Harbor Works and Excavations," this issue. To vote bonds.

MISCELLANEOUS BUILDING CONSTRUCTION

Commissioned To Prepare Plans.
DEPOT Cost $1,000,000 or more
SACRAMENTO, Cal.
Class A Union Passenger Depot.
Owner—Southern Pacific Co.
Architect—Bliss and Faville, Balboa Bldg., San Francisco.

COPPER CITY, Shasta Co., Cal. — Ira P. Engle, Copper City, is having plans prepared for a store and number of summer resort buildings along the Sacramento in the vicinity of Castella.

SAN FRANCISCO—Herbert and Mortimer Fleishhacker of San Francisco will erect a $50,000 mothers' memorial home at the Ocean Beach in memory of the late Mrs. Delia Fleishhacker. The structure will be located at Sloat Blvd. and the Great Highway in the vicinity of the Ocean Beach playgrounds, which features the largest swimming tank in the world. Construction will probably be carried on under the supervision of the Board of Park Commissioners.

LOS ANGELES, Cal.—Archts. Johnson, Kaufman & Coate, 608 Union Bank Bldg., have completed plans for a 5-story and attic class A nurses' home bldg. to be erected on Lucas St., opposite Shatto St. for the Hospital of the Good Samaritan. It will be 50x30 ft. with a central wing 63x33 ft., and will contain 140 rooms; reinf. conc. frame and fls. tile filler walls and interior partitions stucco exter cast stone entrances tile and comp. rfg., ornamental iron metal door frames, tiled baths, lavatory in each room, 2 elevators, steam htg. from central plant at hospital bldg., garbage incinerators. Bids are being taken.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-847—San Jose, Calif. Graduate engineer with twelve years experience in general construction and industrial plant work; a portion of this time in charge of large project. Also familiar with purchasing of materials and supplies. Thoroughly trained in large corporation and well fitted for executive position. Can give highest references. Will be open for employment November 1, 1923.

D-848 — Portland, Maine. Party desires to get in touch with reliable firms seeking representation in Portland, Me. Would also like to get in touch with parties interested in warehouse facilities in Portland.

D-849—Allentown, Pa. Manufacturers of Motor trucks in one, two and three-ton capacities, desire to secure distribution of same through an accredited automotive dealer or agent.

7532—Osaka, Japan. Importing firm desires to buy prefumery, neckwear, shirts, hoisery, bandkerchiefs, kitchen utensils, household articles, toys, etc.

7533—Japan. American (now in San Francisco), manager for fourteen years of an established American firm located in the devastated port of Yokohama, would like to hear without delay from large manufacturing concerns desirous of being represented in Japan. Is intimately acquainted both socially and commercially, and possesses a first-hand knowledge of the language, conditions and customs. Sailing early in December. Excellent prospects and a successful business relationship asured. Highest credentials.

7534—Sweden. Large manufacturers and exporters of Ferro alloys desire to establish relations with San Francisco firms.

7541—Cawnpore, India. Import and export firm desires to do business with San Francisco houses in the following lines; hardware, crockery, cutlery, glassware, lamps, stoves, cycles, sewing machines, locks harness, saddlery and boot materials, furniture, etc.

7543—San Francisco, Calif. A Japanese business man desires to act as selling agent in Japan for a reliable San Francisco firm dealing in building materials.

CLIMAX ENGINEERING COMPANY TO LOCATE IN LOS ANGELES

Plans for the erection of a new $160,000 plant in Los Angeles, as a Pacific Coast manufacturing branch of the Climax Engineering Co. of Clinton, Iowa, makers of Clinton refrigerating machinery, are announced by George W. Dulany Jr., president of the concern.

In addition to the expansion program the Climax company has absorbed the E. H. Duffey Co. of Los Angeles for the last four years local representatives of the concern. According to Dulany, the entire plant and equipment of the Duffey company was purchased at an approximate price of $75,000.

Lyman P. George will be branch manager in Los Angels for the Climax Engineering Co. and E. H. Duffey and his entire organization will remain with the concern under the new regime.

FRENCH ARCHITECT IS PROFESSOR OF DESIGN AT CARNEGIE INSTITUTE OF TECHNOLOGY

Camille E. Grapin, a distinguished architect of France, has been appointed Professor of Architectural Design at Carnegie Institute of Technology for the coming year, according to an announcement from President Thomas S. Baker. Mr. Grapin's appointment is in line with the announced policy of the Pittsburgh institution to secure for its faculty, men and women of the highest authority in their respective professions.

In Mr. Grapin, Carnegie Tech is securing an artist whose unusual training qualifies him to assist in broadening the work covered in the Department of Architecture. He has repeatedly distinguished himself through his numerous accomplishments as a graduate student in the National School of Beaux Arts in Paris.

He was born in France in 1886, and was graduated from the National School of Beaux Arts in 1914, doing graduate work in the following years. While a student at the school, he was awarded the Jean Leclere Prize which is given to the student receiving the greatest number of medals and prizes at the school. For the year of 1919-1920, he was given the Equal Second Prize in the Detouches, Delages and Roux Competition, one of the most important competitions in France.

Among other honors conferred upon Mr. Grapin were the Destors Prize given to the student having the greatest number of values in problems, and the Chaplain Prize, which is given to the student winning the most values in design. Both of these awards were made by the Central Society of Architects in France. He has also been awarded a diploma by the French Government to practice architecture.

CONCRETE PLUGGED LIKE WATERMELLON FOR TEST

Patterned after the old custom of "plugging" a watermelon before paying for it, a machine has been devised to remove a plug from concrete work. Such a machine has been purchased by the city of Akron to make a check on the contractors doing public work and to give the department heads a final check on the inspectors. It has been dubbed by the city officials as an "honesty machine."

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

Leads for Business

ATTORNEYS—T. W. Ward, 220 Montgomery St.
AUTOMOTIVE—Clev-Dent Co., branch, 324 14th St.
CAMPAIGN HEADQUARTERS—Mathew Brady (North Beach), 603 Columbus
CANDY—Ocean Candy Parlor (Nicholas Foros), 720 Great Highway.
CARPENTERS — Bowers & Donohue, 4820 Geary St.
CIGARS—Slaney & Medley, 503 Jones.
DRAYAGE—D. & M. Express Co., 2312 22nd St.
DRUGGIST & SUPPLIES — Sharp & Dohne (N. Y.) factory branch, 591 Mission St.
EMPLOYMENT—G. Sbragia, 726 Howard St.
FLORIST—G. Schimmel, 2001 Sutter St.
FRUIT JUICE—Bergen & Musante, 460 Grove St.
FURNITURE—F. H. Harder Mfg. Co., 1366 Mission, leased , S Mission bet. 11th and 12th Sts.
INSURANCE—W. C. Remm (adjuster) Dividend Bldg.
LAUNDRY—E. Sors, 3851 24th St.
MARKETS—Geneva Meat Market, 5157 Mission St.
Spring Valley Market, 3201 Fillmore.
MEN'S FURNISHINGS—Edw. Marino, 1204 Pacific.
MOUNMENTS — Pacific Marble & Granite Works, (C. J. Tronoff), 1377 Valencia St.
Co.: 10 fixtures.
PHYSICIANS—R. L. Guffey, 302 Balboa
Gregory Maximov, 870 Market St.
V. E. Smith, 870 Market St.
PLAYWRITERS—J. B. Comedy Playwriters (Jake Bradley, Baldwin Yale) 165 Geary St.
PLUMBERS—J. Irving & Co., 182 5th.
PUBLICATIONS—The Home News (G. J. McLaughlin), 1600 Oakdale.
REAL ESTATE—J. R. Allan Jr., 235 Montgomery St.
REGISTERS — Autographic Register Co., to Underwood Bldg.
SHIRTS—M. P. Brennan, Liberty Bank Bldg.
National Shirt Co., opening branch on Mission Street.
SYRUP—Lange & Ferrari (Bohemian Cocktail Co.) to 440 Bryant.
TAILOR—A. Gerber, 1929 Hyde St.
TOILET PREPARATIONS—Miss C. D. Fricke, 133 Geary St.
TRANSPORTATION — Red Star Stage Line, 1239 Mission St.
MISCELLANEOUS — Associated War Veterans, Gillette Bldg.
Dr. E. V. Lee, 291 Geary St.
Central California Vineyard Assn., Chronicle Bldg.
Core & Herbert, 16 Stewart St.
Franklin Hichborn, 631 Market St.
Dr. L. J. Oviedo, 504 Valencia St.
Steam Power Corp., 404-405 Balboa Bldg.
H. Gillis (Commercial Protective Bureau) 2580 Mission St.

LEASES—Oct. 3, 1923, Sarah L. Hogan to Mrs. K. Hobbs, W 7th & Harrison SW 85 x NW 30 100v 409 5 yrs $3600.
Aug. 29, 1923, John M. Perata to Paul Masoni, W Powell bet. Union & Filbert No. 1703 Powell St. 5 yrs $2700.
Sept. 19, 1922, John Wahren to B. N. Eastman and A. P. Pack, S Balboa 90 W of cor. 17th Ave. No. 1609 Balboa St. 5 yrs. $45 per mo.
Sept. 25, 1923, Morris Hernzstein to Alma and Richard Flynn, SW cor. Sutter & Jones St., San Maurice Apts 90 mos. $114,660.

LEASES—Sept. 14, 1923—E. B. Swales to J. P. Michieli, 492 and 494 Castro St. on W line Castro bet. 17th and 18th Sts., 10 years, $22,200.
OCT. 2, 1923—Joel Investment Co. to Mike Callas and Socrates Anagostou, SE Cor. Ellis and Fillmore Sts., No. 1585 Ellis St., 57 months, $4770.
Sept. 19, 1923—Louis Yere, Joseph Fogliacco and Kalman Szeghy to Valerie Tayrac and L. and Mrs. L. Gassman, W Fillmore Nos. 1925 and 1923 Fillmore St., 5 years 3 months, $7875.
Sept. 29, 1923—S E. Weinberg to Mrs. R. P. Horne & Mrs. Clyde L. Hipple, N Clement St. bet. 12th & 13th Aves. No. 1136 Clement St., 5 years, $2850.

PORCELAIN WARE—The West Coast Porcelain Co., Millbrae, San Mateo, Co., are planning on enlarging their vitreous porcelain plant (bathroom ware) and will purchase new machinery and equipment to cost approximately $500,000. Henry Weiss, pres. and mgr., and R. L. Dunn, vice pres. and secretary.
ARTIST—John M. Kelly, Flatiron Bldg.
ATTORNEYS—T. W. Ward, 839 Mills Building.
AUTOMOTIVE—M. V. Bennett (used cars) 810 Van Ness Ave.
Sansome St. Garage and Peerless Potato Chip Co., 865 Sansome.
Pacific Nash Motor Co., branch 2589 Mission.
F. J. Irwin (motor parts) 136 Hyde.
BAKERS SUPPLIES—California Bakers Supply Co., 346 Clay to 655 Battery.
BAKERIES — Wilhelm Harde to buy 5432 3rd Oct. 16.
BEAUTY PARLORS—Rose King buying Purus Beauty Shop, 1871 Hyde, October 17.
BOOKS & STATIONERY—Post Office Book Store, 94 7th.
CALCULATING & ADDING MACHINES —Comptrometer Adding Machine Co., Flatiron Bldg.
CANDY—H. W. A. Verhoeff buying store 1917 Geary October 16.
CIGARETTE HOLDERS—Ejecto Cigarette Holder Co. (Mr. Rhodes) factory, 1121 Howard to top floor 449 Bryant.
CLEANERS—J. Woodard to open new building S. E. Turk and Leavenworth.
DAIRY PRODUCTS—Ferraris Co., 502 Clement.
DRAYAGE — Steel Drayage Co., 107 Texas.
DRUGS—F. B. Benjamin, 1355 Polk.
ELEVATORS—General Elevator Co., to 1161 Howard.
EMPLOYMENT — Quinn's Placement Bureau, Gillette Bldg.
GROCERS—E. A. Bassetti (formerly 108 Langton) 1141 Folsom.
DeMarco's 1107 Columbus Ave.
Harry A. Rosenblatt to open Perfection Grocery and Delicatessen, 604 Divisadero, Oct. 15.
M. Maganaris, 2010 Fillmore.
INSURANCE—Medical Insurance Service Inc., 209 Post.
LOCKS—R. J. Hunting (safes) Kittle Bldg.
JEWELRY—Clark & Barendt (monograms) 760 Market.
MARKETS—Q. Barsotti buying meat market 3101 Pierce October 15.
MATTRESSES—E. J. Rising reported to new bldg. 8th and Heron. Will be corrected information later.
NOTARY—Miss Katherine Hallaban & Miss Carmel Cannon, Mills Bldg. to Matson Bldg.
OPTICAL—California Optical Company (branch) 2508 Mission.
ORPHANAGES — Salvation Army, 36 McAllister.
PHOTOGRAPHERS — Johnson Studio, 1028 to 1007 Market.
PHYSICIANS—Dr. Matilda Feeley, 665 Geary.
REAL ESTATE—Disregard J. R. Allen Jr., report of Oct. 4.
RESTAURANT — Warfield Cafeteria, Market at Taylor now open.
C. S. Lim to buy Flore De Palace, 171 3rd October 16.
V. Batistatos buying Central Restaurant, 568 Golden Gate Ave., Oct. 15.
Carol E. Peterson to buy Hill's Lunch 2954 16th October 15th.
J. G. Varley buying Alexandria Grill 1544 Fillmore Oct. 17th.
Louis Kallis (Martha Washington Lunch) 2687 Geary.
TAILOR—M. Tornek, 575 Geary.
C. Silver, 1140 Hyde.
UMBRELLA & HAT WORKS—Alexander's, 418 Kearny may be branch of 460 Kearny.
MISCELLANEOUS—Garage permit of Henderson Enamel & Varnish Co., transferred to Cott & Jenkins, 420 Fulton.
Boiler permit issued to A. B. Carmody W 9th 175 N Bryant.
Oil storage tank permits issued to Fred Warden W 2nd Ave. 40 N Irving.

Official Proposals

NOTICE TO CONTRACTORS

(Old People's Home—County of Kern)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of the County of Kern, State of California, **up to 10:30 A. M. of Monday, October 29, 1923**, for the furnishing of all materials and labor for and the erection and completion of an Old People's Home to be erected on Flower Street, East Bakersfield, California, in accordance with plans and specifications on file in the office of the Clerk of the Board and open to the inspection of bidders. Copies of said plans and specifications may be had upon deposit of $25 at the office of Charles H. Biggar, Architect, 405-6 Bank of Italy Bldg., Bakersfield, Calif., and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition, at the time specified.

Bids will be received for the work as a whole or seggregated as follows:

1. General Contract, including everything except items 2, 3, 4 and 5.
2. Plumbing and heating.
3. Electric Work.
4. Painting.
5. Finish Hardware.

Bids are to be made out upon form furnished by the Architect, for that purpose, and each bid must be accompanied by a certified check or bidder's bond in the amount of at least ten (10%) per cent of the amount bid, such check or bond to be made payable to the Clerk of the Board of Supervisors and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors and in addition thereto will furnish good and sufficient bonds therefor. Surety Bonds in the amount of 75 per cent of the amount bid will be required.

The Board reserves the right to reject any or all bids not deemed advantageous to the County and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted October 1, 1923.

F. E. SMITH,
County Clerk and Ex-Officio Clerk of the Board of Supervisors.

NOTICE TO CONTRACTORS

(City of Santa Cruz—Bay Street Reservoir)

Sealed proposals or bids for the construction of a reservoir on Bay Street, in the City of Santa Cruz, will be received by the City Clerk at his office in the City Hall, No. 64 Church Street, in the City of Santa Cruz, State of California, **on or before 9 o'clock A. M. of Thursday, the 18th day of October, 1923.**

The amount of work and materials to be furnished are as follows:

ITEM 1. Earth to be excavated, placed and rolled, cubic yards 73,500.

ITEM 2. Rock to be excavated and placed, cubic yards 2,300.

ITEM 3. Reinforced concrete in reservoir lining; valve control chamber; overflow structure, cubic yards 4,550.

ITEM 4. Reinforced concrete outlet tower, cubic yards 35.

ITEM 5. Reinforced concrete supports for bridge, cubic yards 5.

ITEM 6. Plain concrete, cubic yards 50

ITEM 7. (a) 4 inch porous tile drains, lineal feet 3,200. (b) 6 inch porous tile drains, lineal feet 1,600.

ITEM 8. Filling contraction joints, lineal feet 16,800.

ITEM 9. Placing metal work furnished by the City, pounds 60,000.

ITEM 10. Lumber in bridge floor, etc., feet B. M. 2,000.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

ITEM 11. Galvanized iron or steel pipe railing for bridge, lineal feet 150.

ITEM 12. Galvanized steel ladders, lineal feet 60.

Proposals or bids shall be submitted on the forms provided and must be for the work indicated completed in accordance with plans and specifications, the same to be enclosed in a sealed envelope bearing the name and address of bidder and "Proposal for Constructing Bay Street Reservoir" on the ouside, and addressed to the City Clerk, City of Santa Cruz, City Hall, 64 Church Street, Santa Cruz, California, and shall be accompanied by a certified check for an amount which shall be not less than ten (10) per cent of the amount bid.

The successful bidder shall forfeit the amount of his certified check unless he signs a contract of the form proposed and provides a good and sufficient bond from a "Surety Company" duly authorized to do business in the State of California, for seventy (70) per cent of the bid, within five(5) days after the contract is awarded.

Certified checks of unsuccessful bidders will be returned six (6) days after the contract is awarded.

Plans, profiles, specifications, forms of contract and instructions for bidders are on file with the City Clerk of the City of Santa Cruz, at his office in the City Hall and may be examined any day except Sunday, between the hours of 10 A. M. and 4 P. M.

Plans and specifications, forms of contract, forms of proposal and instructions for bidders will be furnished upon application to the City Clerk, and a deposit of $15.00. Plans and specifications shall be returned on or before filing of bids. Deposits for plans will be refunded on return of same.

Said bids will be opened at 9:30 o'clock A. M. on Thursday, the 18th day of October, 1923. The City Council reserves the right to reject any and all bids.

S. A. EVANS,
City Clerk.

BIDS WANTED FOR FUEL OIL STORAGE TANKS, ETC.

NOTICE TO CONTRACTORS

The Bureau of Yards and Docks invites attention to the fact that it will open proposals, in the near future, on Specification No. 4717, Fuel Oil Storage, Mare Island, California. The work includes two 50,000-barrel fuel oil tanks; three motor-driven, centrifugal oil pumps one motor-driven centrifugal pump for fresh water; one motor-driven foam chemical agitating pump; air compressors; foam solution tanks on steel towers; earth embankments around fuel oil tanks; three pump houses; tank heater house; valve chambers; catch basins; and necessary piping, valves and fittings. The pump houses and heater house will have concrete foundations, brick walls, wood roof framing and slate and tin roofing. Drawings and Specification No. 4717 may be obtained on application to the Bureau or to the Commandant, Navy Yard, Mare Island, California. Deposit of a check or postal money order for $20.00 payable to the Chief of the Bureau of Yards and Docks is required as security for the safe return of the drawings and specification. R. J. POTBURY, by direction of Chief of Bureau.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE INVITING BIDS

(Steel Tank and Tower—San Joaquin County)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of San Joaquin County, California, at the office of said Board, in the City of Stockton, **until 11 o'clock A. M. of Tuesday, November 6, 1923**, for the erection of one Standard Four Panel Type Hemispherical Bottom Steel Tank of 50,000 gallons' capacity, secured at the top of a of contract and instructions for bid-steel frame tower (height of steel-frame to be 100 feet, measuring from the bottom plates to the floor of circular balcony), in accordance with specifications prepared by Architect Ralph P. Morrell and adopted and filed Ralph P. Morrell and adopted and filed by said Board October 1, 1923, and ti which bidders are particularly referred.

Duplicate plans and specifications may be obtained at the office of the Board of Supervisors upon depositing the sum of $10.00 to insure the prompt return of same on or before the expiration of ten days.

All bids must be made on forme to be obtained at the office of the Board of Supervisors, and presented in sealed envelopes and marked to indicate the work for which bid is submitted.

All proposals must be accompanied by United States currency of certified check made payable to the chairman of the said Board of Supervisors in the sum of 10 per cent of the amount of the bid, or by a bond for such amount, and two bonds, each equal in amount to 50 per cent of the contract price, will be required of the successful bidder.

The Board reserves the right to reject any or all bids.

By order of said Board made October 1, 1923.

EUGENE D. GRAHAM, Clerk.
By S. A. CARTER, Deputy Clerk.

NOTICE TO GRADING CONTRACTORS

(State Reclamation Board)

Sealed bids will be received **up to 10:00 A. M., on October 20, 1923**, at Room 835, Forum Building, Sacramento, California, and then publicly opened by the Reclamation Board, for the excavating of 16,570 cubic yards, more or less, of material for a collecting drain following the line of Poodle Creek and extensions thereof, between the East Levee of the Sutter By-Pass and the West Levee of the Wadsworth Canal, about two and one-half miles Southwest of Sutter City, California.

The drain is to be constructed with side slopes to 1 to 1, as follows:

Division I—Length 2750 feet, bottom width 6 feet, 6180 cubic yards, more or less.

Division II—No excavation.

Division III—Length 5060 feet, bottom width 5 feet, 8680 cubic yards, more or less.

Division IV—Length 5240 feet, bottom width 3 feet, 1710 cubic yards, more or less.

Bidder will state his price per cubic yard for excavated material, measured in excavation, and accompany his bid with a certified check, payable to the Reclamation Board, in the amount of 10% of his bid. Work must be commenced not later than November 10.

Payments will be made in warrants of the Sacramento and San Joaquin Drainage District against the Sutter-Butte By-pass Project No. 6 upon completion of the job and acceptance of the work by the Board.

For specifications and further information apply to the Reclamation Board at Room 835, Forum Building, Sacramento, California.

The Board reserves the right to reject any or all bids.

THE RECLAMATION BOARD,
By A. B. WAUGH,
Assistant Secretary.

NOTICE TO BIDDERS

Turlock Irrigation District, Stanislaus and Merced Counties, California

Sealed proposals will be received at the office of the Turlock Irrigation District at Turlock, California, until **two o'clock P. M. on the twenty-ninth day of October, 1923,** for construction work comprising canal enlargement, concrete canal lining and structures, drainage wells and pumps and electrical distribution lines, more particularly described as follows:

No. 1. Main Canal Enlargement.
No. 2. Main Canal Concrete Lining.
No. 3. High Line Main Canal and Cross Ditch No. 1.
No. 4. Ceres Main Canal Enlargement.
No. 5. Ceres Main Canal Concrete Lining.
No. 6. Lateral Upper No. 2, Drop No. 10 to No. 11, ¾ mile, Concrete Canal Lining.
No. 7. Laterals Lower No. 2 and No. 1, Drop No. 16 to No. 17, 1 mile, Concrete Canal Lining.
No. 8. Lateral Upper No. 2½, Drop No. 15 to No. 16, ½ mile, Concrete Canal Lining.
No. 9. Lateral Upper No. 4, Drop No. 14 to Ceres Main, 1 mile, Concrete Canal Lining.
No. 10. Lateral Lower No. 4, Drop No. 10 to No. 11, ¾ mile, Concrete Canal Lining.
No. 11. Lateral No. 6, Levee Concrete Lining near Head.
No. 12. Lateral No. 5½, Drop No. 7 to No. 8, ½ mile, Concrete Canal Lining
No. 13. Upper Stevenson Ditch, Drop No. 1 to No. 3, 1 mile, Concrete Canal Lining.
No. 14. Drainage Wells and Pumps.
No. 15. Electrical Distribution System Extensions.

1. Full plans and specifications can be seen upon application at the office of the Board of Directors of the Turlock Irrigation District at Turlock, California.

2. Separate bids shall be made for Labor and separate bids for Material.

3. Contract will be let to the lowest responsible bidder, the right to reject any or all bids.

The proposal must be accompanied by a certified check for 5 per cent of the amount of the bid, payable to the order of the Treasurer of the Turlock Irrigation District, for the benefit of said District as a guaranty that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than 25 per cent of the amount of his bid for the faithful performance of the work in accordance with the specifications, and a bond for 50 per cent as provided in Chapter 303 of the Statutes of 1919 of the State of California, said bonds to be approved by said Board.

The proposal must be marked "Proposal for Construction of Jobs Nos.——" and address "Secretary, Turlock Irrigation District, Turlock, California."

Done in pursuance of an order of said Board of Directors of the Turlock Irrigation District, this 27th day of September, 1923.

S. A. HULTMAN, President.
ANNA SORENSEN, Secretary.

NOTICE TO CONTRACTORS

(Merced Union High School District)

The Board of Trustees of the Merced Union High School District of Merced County, California, will receive sealed proposals **up until 8:00 o'clock P. M., October 18, 1923,** at the High School Building, Merced, California, at which time and place said bids will be opened and read in public, for furnishing and installing a water heater and storage tank for the Gymnasium Building.

Cashier's Certified Check, or Bidder's Bond for an amount not less than ten per cent (10%) of amount of bid shall accompany each proposal, drawn to the order of H. K. Landram, Clerk of the Board of Trustees, Merced Union High School District, as a guarantee that the bidder will, within 5 days after being notified of the acceptance of his bid, enter into contract with said High School Trustees in accordance therewith and shall furnish the bonds as required by the specifications, said check or bond to be forfeited to the said High School District should the bidder fail to execute contract and furnish bond as above mentioned.

All bids to be made out on forms furnished by the Engineer.

Specifications for all the above work may be seen and secured at the office of W. E. Bedesen, Merced, California.

The said High School Board reserves the right to reject any or all bids, and to waive any informality in any bid received.

By order of the Board of Trustees, Merced Union High School District, Merced, California.

By H. K. LANDRAM,
Clerk.

BIDS WANTED FOR PUMP & MOTOR AND ADDITION TO PUMP HOUSE

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11 A. M., Nov. 5, 1923, for installing pump and motor, and constructing addition to pump house, at Presidio of San Francisco, Calif. Information upon application.

BIDS WANTED FOR STATE HIGHWAY

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., October 22, 1923,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Siskiyou County, between Hornbrook and Yreka (II-Sis-3-C), construction of about 32,340 lineal feet guard rail.

Plans may be seen and forms of proposals, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: September 24, 1923.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Engineering News Section

BRIDGES

OROVILLE, Butte Co., Cal. — Until Oct. 22, 1:45 p. m., bids will be rec. by C. F. Belding, county clerk, to const. bridge over Wash on Hicks, near Chico. Cert. check 10% req. Spec. obtainable from Harry H. Hume, county rd. eng.

SONORA, Tuolumne Co., Cal.—County Surveyor Robert Thom preparing spec. for conc. bridge over Big Creek near Second Garrote Creek in Rd. District 4.

SAN RAFAEL, Marin Co., Cal.—Until Nov. 15, 2 p. m., bids will be rec. by Rob. E. Graham, county clerk, to const. rein. conc. culvert in Homestead Valley, Rd. Dist. No. 3. Cert. check 10% payable to Chair, Bd. Sups. Plans on file in office of clerk.

PLACERVILLE, El Dorado Co., Cal—Jenkins and Elton, 3560 Y St., Sacramento, at $2230 awarded cont. by supervisors to const. bridge over Dry Creek on road bet. Coloma and Green Valley.

SANTA CRUZ, Santa Cruz Co., Cal. — County Surv. Lloyd Bowman completes spec. and bids will be asked at once to const. Waddell bridge, 136-ft. long with piling at one end. Bids will probably be opened Oct. 25.

SANTA CRUZ, Santa Cruz Co., Cal.—County supervisors vote to const bridge over Carbonero creek on Vine Hill road 1-mi. east of Glenwood highway off from Scott Valley. Lloyd Bowman, county surveyor.

SANTA CRUZ, Santa Cruz Co., Cal.—Bids will be asked at once by county supervisors to const. retaining wall ¼-mi. east of Aptos. Lloyd Bowman, county surveyor.

MADERA, Madera Co., Cal. — Until Nov. 5, 3 p. m., bids will be rec. by L. W. Cooper, county clerk, to const. 3 timber bridges in Fifth Supervisorial District, one over Fine Gold Creek on O'Neals to Hildreth rd; another over Little Fine Gold Creek in Sec. 26, Tp. 8S., R 22 E., and another over creek on North Fork to Bass Lake rd. Cert. check 10% req. with each bid. J. O. Rue, county surveyor.

PORTERVILLE, Tulare Co., Cal.—Frederickson & Shannon, Cory Bldg., Fresno, at $30,565 awarded contract by city council to construct Main street bridge over Porter slough.

SACRAMENTO, Cal.—Supervisors of Sacramento and Yolo counties, in joint session, authorize preparation of plans for steel bridge over Sacramento river at Elkhorn, Yolo county, to replace ferry operating at that point. The plans will be made by A. G. Proctor, county surveyor of Yolo county and C. W. Deterding, county surveyor of Sacramento county. Cost will be in neighborhood of $175,000.

VISALIA, Tulare Co., Cal. — Anton Johnson, Kingsburg, at $4598 awarded cont. by county supervisors to const. Cottonwood creek bridge, approx. 2-mi. west of Auckland.

SAN RAFAEL, Marin Co., Cal. — County surveyor instructed to prepare specifications for bridge on Lagunitas creek near Tocoloma and for conc. bridge on Nicasio road near Fitzgerald; also for conc. bridge on Laverne Ave., East Mill Valley and for replacement of bridge on Bolinas and Olema road.

SAN RAFAEL, Marin Co., Cal.—Healy Tibbits Const. Co., 64 Pine St., San Francisco, at $2395 awarded contract by county supervisors to drive piles for Greenbrae bridge.

MARTINEZ, Contra Costa Co., Cal. — City Eng. Ben Greene completing plans for bridges over Alhambra Creek at Howard and Escobar streets.

STOCKTON, San Joaquin Co., Cal. — Jenkins and Elton, 3560 Y St., Sacramento, at $10,442 awarded contract by county supervisors to const. culverts on Morrison road.

SAN FRANCISCO—Until Oct. 17, 3 p. m., bids will be rec. by Bd. Pub. Wks. to construct sub-structures for bridge across Dumbarton Straits for Hetch Hetchy Water project. Cost will exceed $200,000. Plans obtainable from bureau of engineering, 3rd floor, City Hall.

MODESTO, Stanislaus Co., Cal.—Geo. J. Ulrich, 1425 Stoddard St., Modesto, at $23,574 awarded contract by county supervisors to const. 16 rein. conc. bridges in various sections of the county. Ten bids were received, the highest being $29,800.

OROVILLE, Butte Co., Cal. — Until Oct. 22, 1:30 p. m., bids will be rec. by C. F. Belding, county clerk, to const. bridge over overflow channel of Rock creek in Hick's Lane, Chico. Cert. chk. 10% req. Plans obtainable from County Rd. Eng. Harry H. Hume.

STOCKTON, San Joaquin Co., Cal.—See "Streets and Sewers," this issue. Wilson street paving project.

MONTEREY COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Oct. 29, 2 p. m., to repair bridge over Salinas river at Nacimiento station. Work involv. floor repairs for structure composed of 27 19-ft. timber trestle spans and 4 150-ft. steel truss spans. Approx. quantities of materials are: (1) removing present floor system; (2) 94,400 ft. b. m. new selected common Douglas Fir timber; 38,260 ft. b. m. new No. 1 common Douglas timber; 66,600 ft. b. m. old timber; 2226 sq. yds. 1½-in. Type A wearing surface; 1200 sq. yds. asphalt painting Grade E. Alternative Item—2226 sq. yds. 1½-in. Type B wearing surface. Notes—Alter. 7 is to be considered as alternative for Item 5. The old timber in Item 4 above is to be taken from the floor system of the existing bridge. R. M. Morton, state highway engineer.

SANTA ROSA, Sonoma Co., Cal. — R. Press Smith, Santa Rosa, at $4865 awarded cont. by supervisors to const. rein. conc. bridge over Crane creek on Hill rd. from Santa Rosa to Penngrove, involv. 165 cu. yds. rein. conc. and 375 cu. yds. fill for approaches. W. L. Call Const. Co. bid $5064 and Proctor and Cleghorn $5385.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

SANTA ROSA, Sonoma Co., Cal.—R. Press Smith, Santa Rosa, at $3470 awarded cont. by supervisors to const. Pleasant Ave., bridge. Other bids: A. T. Howe, $3590; W. L. Call Const. Co., $3654; Proctor and Cleghorn $3950.

CALIFORNIA — Jenkins and Elton, 3560 Y St., Sacramento, at $7538 awarded contract by State Highway Commission to paint five bridges in Glenn, San Joaquin and Stanislaus counties.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SUTTER CITY, Sutter Co., Cal.—Until Oct. 20, 10 a. m., bids will be rec. by State Reclamation Board, Forum Bldg., Sacramento, for excavation of 16,570 cu. yds. of material, more or less, following line of Poddle Creek and extension thereof, bet. East Levee of Sutter By-Pass and West levee of Wadsworth Canal, approx. 2½-mi. s.w. of Sutter City. Spec. obtainable from office of Secy. of Board, 835 Forum Bldg., Sacramento. **See call for bids under Official Proposal Section in this issue.**

TURLOCK, Stanislaus Co., Cal.—See "Irrigation Projects," this issue. Bids wanted.

SAN FRANCISCO—Herbert Deakyne, U. S. Engineer in charge of Rivers and Harbors, San Francisco district, has received orders from Secretary of War John W. Weeks to survey work needed to develop the harbor possibilities of South San Francisco. It is proposed to estimate the cost of deepening the channel through shoals off South San Francisco and the building of a channel through the tidelands to the South San Francisco shore line.

SANTA ANA, Cal.—Until 10 a. m., Oct. 16, bids will be rec. by Newport Protection Dist., 10 Trust Bldg., Santa Ana, for 700 piles, second growth pine or cedar, free from knots and dry rot, to be not less than 8 in. at small end and 10 in. at butt, and 20-24 ft. in length, one-half to be delivered at the 5th St. crossing of the Pacific Electric Ry. and one-half delivered at Planta Station, Orange county. Also 8000 ft. Elwood fencing. Specification "F," 58 in. wide and 4 in. mesh. Ana Y. Bishop, secretary.

SANTA ANA, Cal. — Orange County Harbor Comm. contemplates calling election for approx. $1,000,000 to finance at Newport Beach construction of East Jetty to 30 ft. of water, $400,000; extension and reinforcement of West Jetty, $195,000; dredging entrance to a depth of 30 ft., $135,000; belt line railroad, to afford connection with all railroad lines, $50,000; wharf and warehouses, $75,000; auxiliary expense, engineering, etc., $85,000.

IRRIGATION PROJECTS

TURLOCK, Stanislaus Co., Cal.—Until Oct. 29, 2 p. m., bids will be rec. by Anna Sorensen, secy., Turlock Irrigation District to enlarge canals; conc. canal lining and structures, drainage wells and pumps and electrical distribution lines. Separate bids are wanted for labor and separate bids for materials. Cert. check 5% payable to Treasurer of District req. **See call for bids under official proposal section in this issue.**

MANTECA, San Joaquin Co., Cal. — Election will be held Oct. 27 in South San Joaquin Irrigation District to vote bonds of $550,000 to finance ditch lining and installation of additional drainage pumps.

PORTERVILLE, Tulare Co., Cal.—Directors of South Tule Irrigation District takes under advisement bids to cement distributing system of Foothill Ditch. Bids were submitted by Stanley Const. Co.; Frederickson and Shannon and Bent Bros. and Clark.

EL CENTRO, Cal.—Ed Welch, representing the Niland water district which covers over 20,000 acres in the extreme northern part of Imperial Valley, presented the contracts to the irrigation district board recently and asked for its approval so that work may proceed with canals in connection with the East Highland canal, which also serves the old Nos. 7, 5 and 3 sections.

YUMA, Ariz.—Actual construction of the first unit of the 31,000-acre Mohawk Valley irrigation project consisting of the building of a dyke system for a distance of two miles along the Gila river, is now under way, according to J. C. Dobbins, consulting engineer, for the directors of the project. The construction of the dyke system, which will cost approximately $5000, is for flood protection of the lands from the Gila river, but primarily as a means of safeguarding the work of drilling ten wells included in the scheme of irrigation. These wells, however, will be a secondary means of obtaining water for irrigation purposes. The lands will be watered from the Gila river. Wells and pumping plants will provide water during the time the Gila river is dry. It is expected that water will be struck at 1000 ft.

SANTA BARBARA, Cal.—County supervisors have ordered dist. atty., Clarence C. Ward to prepare petition for a $4,000,000 irrigation and power project on the Sisquoc river in the Santa Maria Valley. The petition will be ready for presentation Nov. 5. The project was presented to the board by a special delegation from the district affected, the committee being headed by R. E. Easton, a banker of Santa Maria. W. W. Stokes, pres. of the Santa Maria chamber of commerce, was also present and pledged that organization to raise $5000 to reimburse the board in the event that the project failed to go through. It was announced that J. D. McClure of the state engr.'s office has recommended that a preliminary survey be made. It is proposed to locate a dam on the Sisquoc river, a tributary to the Santa Maria river, and which has for its drainage area the Sierra Madre mountains on the north and the San Rafael range on the south. The project may also include a plan to develop electric power as well as irrigate the agricultural section of the lower valley. Approx. 100,000 acres in Santa Barbara county and 25,000 acres in San Luis Obispo county will be supplied by this storage dam.

MACDOEL, Siskiyou Co., Cal.—Mason & Co., San Francisco bond buyers, have purchased, subject to the approval of the State Bond Commission, the $400,000 bond issue of the Butte Valley Irrigation District and the contract to construct irrigation works has been awarded to Chas. Thompson and Heuser-Packard Co., 1130 Loew Bldg., Los Angeles. Contract involves const. of canals and regulating works for the diversion of Butte and Antelope creeks and for the const. of approx. 21-mi. of Main Canals and 22 miles of small Laterals, 6 miles of drains, 120 turnouts, 35 checks, 30 culverts, 30 farm bridges and furnishings and installing 2 30-inch horizontal split case centrifugal pump units, electrically driven complete including 1100 feet 42 inch and 30 feet 30 inch diameter continuous wood stave discharge pipe and pump foundation and house.

LIGHTING SYSTEMS

SAN MATEO, San Mateo Co., Cal.—Until Oct. 29, 8 p. m., bids will be rec. by E. W. Foster, city clerk, to install 4 c. i. single lamp electroliers in portions of B St., complete with globes, sockets, lamps, etc., set on conc. bases, lay underground galv. iron and insulated copper wires in one circuit. 1915 Bond Act. Cert. check 10% payable to city rek. G. Stanley Whitehead, city engineer.

ORANGE, Cal.—City trustees declare inten. to const. ornam. lighting system on N Cambridge St., bet. Chapman and Palm Aves., involv. 15 reinf. conc. electric lighting standards, complete; 1911 act. W. A. White, city clerk.

SAN LUIS OBISPO, Calif.—Until November 5, bids will be rec. by county and equipment for San Miguel Lighting District and for the maintenance of same. Bids previously received rejected. Further information obtainable from county clerk.

TAFT, Kern Co., Cal.—City council contemplates calling election to vote bonds of $148,000 to finance installation of a lighting system comprising approx. 425 electroliers. Edw. M. Lynch, Central Bldg., Los Angeles, consulting engineer.

SANTA ANA, Cal.—Property owners on N. Broadway, bet. First St. and Santa Clara Ave. plan installation of ornamental lighting system.

SANTA MONICA, Cal.—See "Streets and Sewers," this issue.

WHITTIER, Cal.—Council declares inten. to imp. under 1911 Act:

Rose Dr., bet. Pickering Ave. and 625 ft. west; grade; pave with 4-in. bitum. base, asph. cem. paint binder and 2-in. asph. conc. surface; curb and sidewalk.

Alta Ave., bet. Camilla St. and 302 ft. north, grade; pave with 4-in. bitum. base, asph. cem. paint binder and 2-in. asph. conc. surface; cem. curb.

LOS ANGELES, Cal.—County Supervisors declare inten. to install ornam. light system for County Rd. Imp. No. 50; to be rein. conc. standards.

ORANGE, Cal. — City trustees plan ornam. light system, 15 reinf. concrete standards, on N Cambridge St., betw. Chapman and Palm Aves; 1911 Act.

SAN BERNARDINO, Cal—Council declares inten. to const. lighting system in E St., bet. Fifth St. and Highland Ave., involv. conc. posts, wires, conduits, etc.; 1911 act. J. H. Osborn, city clerk.

CHINO, Cal.—Until 7:30 p. m., Oct. 16, bids will be rec. by city trustees to const. ornam. lighting system on D St., bet. 6th St. and Riverside Dr., by const. granite conc. ornam. lighting posts, conduits, wires, etc. M. L. Birnie, city clerk.

MACHINERY & EQUIPMENT

VALLEJO, Solano Co., Cal.—Edw. R. Bacon Co., 17th and Folsom Sts., San Francisco, only bidder, at $15,736 awarded contract by city council to furnish materials and equipment for municipal paving plant.

ORANGE, Cal.—Until 1 p. m., Oct. 16, bids will be rec. by City Clerk W. A. White for 1-ton dump truck. Cert. chk. for 10%.

SAN FRANCISCO—Until Nov. 5, 11 a. m. bids will be rec. by Constructing Quartermaster, Fort Mason, to fur. and install pump and motor and construct addition to pump house at Presidio. **See call for bids under officint proposal section in this issue.**

OROVILLE, Butte Co., Cal.—County Supervisors, C. F. Belding, clerk, authorize purchase of two Cletrac tractors and graders. Harry H. Hume, county road engineer.

ENGINEERING, INDUSTRIAL, TECHNICAL & SCIENTIFIC BOOKS

TECHNICAL BOOK COMPANY

Mills Building -- San Francisco

Phone Garfield 19

REPRESENTING

D. Van Nostrand Co., John Wiley & Sons, Inc., J. B. Lippincott Co., Longmans, Green & Co.

MARYSVILLE, Yuba Co., Cal.—Following bids rec. by city council for fur. and del. motor street sweeper with gutter attachment:

Lund Street Cleaning Machinery and Equipment Co., San Francisco, Model B Lund sweeper, $6000; taking in sweeper now owned by city. (Failed to state allowance to be made for same).

Henry Cowell Lime and Cement Co., Sacramento, Butler Sanitary sweeper, $5000.

Austin Mfg. Co., San Francisco, pick-up sweeper, $7300; 2nd bid, $5300, 1921 Model.

Stuart S. Smith, San Francisco, Elgin sweeper, standard, $7000; other models at $7400 and $7000, allowing, in each instance, $500 for city sweeper.

Dunning Bros., Marysville, (bidding five types of Ford sweepers). Fordson tractor with sweeper attachment $1000; other models at $1761, $1789.65; $1896 and $1915.85.

Referred to City Manager J. O. Wanzer for report.

EUREKA, Humboldt Co., Cal.—Until Nov. 5, 7:30 p. m., bids will be rec. by Geo. B. Albee, secy. Board of Education, for fur. and del. machinery and equipment to be installed in Eureka high school. Cert. check 5% payable to Eureka High School District req. Further information obtainable from secy.

RAILROADS

SAN FRANCISCO—Southern Pacific Co. will construct two mile tunnel through the summit of the Sierras on the Ogden route. The Western portal of the single-track bore will be west of Summit and the eastern Potal near Lakeview, in the immediate east side of the mountains' crest; total est. cost $3,000,000.

EUREKA, Humboldt Co., Cal. — City council rejects bids for furnishing steel rails for municipal railway and new bids will be asked, to be opened probably Oct. 16. John Griffiths is city supt. of Public Works.

MEXICALI—F. Perez, director general of Lower California, Mexicali, states the government has closed a contract with J. H. Maxey, of Yuma, Ariz., for constructing proposed railway bet. Mexicali and La Bomba. Contractor is now assembling equipment to start work.

SANTA ANA, Cal. — See "Dredging, Harbor Works and Excavations," this issue. To vote bonds.

MERCED, Merced Co., Cal.—Santa Fe Railroad authorized by Merced County supervisors to construct 1-mile spur track extension along Cox Ferry county highway to site of plant of Yosemite Portland Cement Company.

SAN DIEGO, Cal.—San Diego Electric Rlwy. Co., applies to State Railroad Commission for permit to exercise rights granted under a franchise by the San Diego city council to construct extension of its lines in Woolman Ave. from 30th to 39th Sts., thence to Imperial Ave., extensions from intersection of State and Ivy Sts., along State St. to Reynard Way, along Reynard Way to Torrance St., and on Goldfinch St. to Sutter St., thence west to Wellborn St.; extension in 30th St., from University Ave., to Adam Ave.; in Kettner Blvd., from Broadway to Chalmers and thence via private right of way to Hancock St., and crossing various Sts., to a junction with the Mission Beach line.

FIRE ALARM SYSTEMS

SAN ANSELMO, Marin Co., Cal.—Until Nov. 5, 8 P. M., bids will be rec. by Arthur Studley, town clerk, to furnish and install sixteen non-interfering fire alarm boxes in various sections of the city. No bids received for this work under last advertisement. Cert. check 10% payable to Town req. Spec. obtainable from clerk.

SAN MATEO, San Mateo Co., Cal.—City trustees plan installation of fire alarm system. Proposed to install 73 boxes at cost between $20,000 and $30,000, requiring approx. 14 miles of wire, underground system in downtown district and overhead in residence districts. G. Stanley Whitehead, city eng.

FIRE EQUIPMENT

MODESTO, Stanislaus Co., Cal. — American Rubber Co., awarded contract by city council to furnish 5000 ft. fire hose at $.80 ft. less 2% cash discount.

LOS ANGELES, Cal.—Until 3 p. m., Oct. 9, bids will be rec. by public service comm., 207 S Bdwy., for fire system equipment under Spec. P-129. Jas. P. Vroman, secretary.

RESERVOIRS AND DAMS

SNOWFLAKE, Ariz.—Showlow Irrigation Co. will erect a 30-ft. dam near Showlow to create a storage reservoir for irrigation purposes. A similar reservoir is planned by the Lakeside Irrigation Co.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Oct. 18, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to const. Bay Street Reservoir, (31,600,000 gal. capacity) a part of the water system project for which bonds of $400,000 were voted. Project involv. 73,500 cu. yds. earth to be excavated, placed and rolled; 2300 cu. yds. rock to be excavated and placed; 4500 cu. yds. rein. conc. in reservoir lining, valve control chamber, overflow structure; 35 cu. yds. rein conc. outlet tower; 5 cu. yds. rein. conc. supports for bridge; 50 cu. yds. plain conc.; 1600 lin. ft. 6-in. porous tile drain and 3200 lin. ft. porous tile drains; 16,800 lin. ft. filling contraction joints; placing 60,000 lbs. metal work (materials furnished by city); 2000 ft. B. M. lumber in bridge floor; 150 lin. ft. galv. iron or steel pipe railing for bridge; 60 lin. ft. galv. steel ladders. Cert. check 10% req. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—County supervisors appropriate $50,000 for prelim. investigation of proposed San Gabriel dam project; J. W. Reagan, chief engr. of the L. A. county flood control dist. The proposed structure would be placed just below the forks of the San Gabriel river, conserving the drainage of the San Gabriel Mts. It will be 425 ft. above the present stream bed, and will be approv. 420 ft. thick, with a lateral dimension of 700 ft. at the base and betw. 1800 and 1900 ft. across the top. The depth of bed rock is unknown at the present time. The quantity of conc. needed will be approx. 4,000,000 tons. This will provide a storage capacity for 210,000 acre ft. of water and remove the flood menace of the San Gabriel river. The estimate according to Supervisor Jack Bean would be in the neighborhood of $20,000,000.

PIPE LINES, WELLS, ETC.

PORTLAND, Ore.—Willamette Iron and Steel Works, Portland, submit low bid to city council to const. Third Bull Run pipe line, the bid being on the alternate proposal calling for lock bar pipe. Following is complete list of bids received:

Riveted steel pipe—Western Pipe & Steel Works of California, $2,708,380.72; J. H. Tillman Co., $2,628,644.50; L. S. Atkinson, Los Angeles, $3,093,366.50; J. F. Shea, $2,647,160.70.

Lock bar pipe—J. H. Tillman Co., $3,278,035.30; T. A. Gillespie Co., $2,696,890.10; Willamette Iron & Steel Works, **$2,571,193.94.**

SAN DIEGO, Cal.—Until 11 a. m., Oct. 17, bids will be rec. by W. H. Cameron, city purchasing agt., for 325 tons 3-in., 435 tons 6-in., 260 tons 8-in., 7 tons 10-in. and 25 tons 12-in. hub and spigot class B cast iron pipe, f. o. b. San Diego; spec. Amer. Water Works Assn. Cert. check for 5% and affidavit.

SACRAMENTO, Cal.—U. S. Cast Iron Pipe Co., San Francisco, at $2,600 50 awarded contract by city commissioners for fur. 1,000 ft. 12-in. c. i. pipe.

SEWAGE DISPOSAL PLANTS

OAKLAND, Cal.—County Surv. Geo. A. Posey preparing spec. for sewer system and septic tank at Del Valle Farm, near Livermore.

VISALIA, Tulare Co., Cal.—J. F. Shepardson at $31,090.25 awarded cont. by city trustees to const. sewage disposal plant, comprising a modified Imhoff type septic tank, concrete lined influent and effluent channels, bar screen, sludge drying bed, water piping system and other appurtenances. Other bids: Adell-Cartwright, $36,002.75; H. Gould, $42,009.50; Fredrickson & Shannon, $37,347.25; E. G. Noble, $34,717.55.

GLENDALE, Cal.—Under an agreement between Glendale and Los Angeles city councils for joint use of the Los Angeles outfall and sewage disposal system, the former has agreed to call an election within 90 days to vote on issuing $1,000,000 bonds for construction of a 5-ft. sewer from Glendale to connect with central outfall sewer of Los Angeles at Utah and Sixth Sts. Glendale will also pay its proportion of the cost of maintaining the Los Angeles sewage disposal system, while Los Angeles will be permitted to tap the line to be built by Glendale.

MISCELLANEOUS CONSTRUCTION

STOCKTON, San Joaquin Co., Cal. — City council abandons proposal to construct subway under tracks in Weber Ave., the estimated cost of which was placed at $590,000—the city to pay $300,000 and the railroad the balance. W. B. Hogan, city engineer.

SAN FRANCISCO—See "Railroads," this issue. 2-mile tunnel.

LOS ANGELES, Cal.—Pacific Electric Rlwy. Co., P. E. Bldg., Los Angeles seeks permission of State R. R. Comm. to const. subway from Mill St., bet. 4th and 5th Sts., to Glendale Blvd.

WATER WORKS

GILROY, Santa Clara Co., Cal.—City council sells $87,000 bond issue for premium of $435. Proceeds will finance construction of water works improvements, plans for which are being completed by Engineer Chas. Sloan, Santa Fe Bldg., San Francisco.

COMPTON, Cal.—Chicago Bridge & Iron Works submitted low bid to city trustees at $5930 to const. steel tank and tower for the water dept.

BAKERSFIELD, Kern Co., Cal.—City Eng. W. D. Clark preparing plans for fire mains in Lincoln Park district.

SIERRA MADRE, Cal. — Willis S. Jones of Claremont, expert on water systems, has been engaged by the city trustees to make a survey of local water situation with a view to recommending necessary changes.

SAN FRANCISCO—Until Nov. 5, 11 a. m., bids will be rec. by Constructing Quartermaster, Fort Mason, to fur. and install pump and motor and construct addition to pump house at Presidio. See call for bids under official proposal section in this issue.

TURLOCK, Shanislaus Co., Cal.—See "Irrigation Projects," this issue. Bids wanted.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 6, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to fur. and erect one standard 4-panel type hemispherical bottom steel tank of 50,000-gals. capacity, secured at the top of a steel tower (height of steel frame to be 100-ft. measuring from bottom plates to floor of circular balcony). Ralph P. Morrell, architect, Stockton. **See call for bids under official proposal section in this issue.**

MARE ISLAND, Cal. — See Official Proposal Section in this issue. Oil storage project. Bids wanted.

BERKELEY, Alameda Co., Cal. — Chester A. Smith, Consulting engineer employed by the city to study water problem from standpoint of fire protection, will recommend the immediate installation of large mains properly distributed over the city by agreement with the East Bay Water Co. The work will cost in the neighborhood of $400,000. John N. Eddy is city manager.

SANTA CRUZ, Santa Cruz Co., Cal.—See "Official Proposal Section," this issue. Bids wanted for Bay Street Reservoir; a portion of municipal water project.

PLAYGROUNDS AND PARKS

RICHMOND, Contra Costa Co., Cal.—City council sells $40,000 park improvement bonds for premium of $486; proceeds of sale to finance park improvements. The council has approved specifications for Nicoll park improvement, estimated to cost $8000. H .D. Champan is city engineer.

CHICO, Butte Co., Cal.—See "Streets and Sewers," this issue. Bids wanted to construct tennis courts.

SEWERS & STREET WORK

SAN LUIS OBISPO, Cal.—Until 7:30 p. m., Oct. 15, bids will be rec. by City Clerk Callie M. John to pave Osos St., bet. Marsh St. and S. P. right of way, involv. 100,044 sq. ft. grading to subgrade; 100,044 sq. ft. 6-in. conc. paving; 531 lin. ft. curb; 318 ft. conc. culvert storm drains; 3 conc. catchbasins with cast iron frames and covers; est. cost $30,000. Cert. check 10%. Plans obtainable from City Engr. Walter B. Roselip, deposit of $5; 1911 and 1915 bond imp. act.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. — Junction Valencia
24 VAN NESS AVENUE — Phone Market 8926 — Near Market

TRINITY COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Oct. 29, 2 p. m. to surface with gravel or broken stone, 11.1-mi. of highway in Trinity county bet. 2-mi. south of Weaverville and Tom Long Gulch. The project involves: 17,200 cu. yds. surfacing. R. M. Morton, state highway engineer.

LOS ANGELES, Cal. — S. Zarnbica, 3006 6th Ave., submits low bid to Bd. Pub. Wks. at $8120 to const. sewer in Canal Ave., bet. O and L Sts.

SAN RAFAEL, Marin Co., Cal.—County Surveyor instructed to prepare spec. to imp. San Quentin road bet. the O'Connor place and the ferry; est. cost. $3,500. Plans will be started shortly to imp. 2-mi. of road bet. Ban Temple flat to pt. opposite Liberty Gulch on Fairfax-Bolinas road.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 6, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. Farmington rd. from Farmington to county line, approx. 19,700 ft.; Fairchild Lane to Jack Tone road, approx. 11,500 ft.; Harvey from Traction Line 13,300 ft. to Locust Ave. Separate bids desired for each project. Plans on file in office of county clerk. F. E. Quail, county surveyor

LOS ANGELES, Cal.—W. D. McCray, 416 Amer. Bank Bldg., submitted low bid to Bd. Pb. Wks. to imp. Childs Ave., bet. LosFeliz Blvd. and Scotland St., involv. grading at $65,800 (lump sum); 697,580 sq. ft 6-in. conc. paving at 27½c ft.; 4750 sq. ft. bitum. base paving at 30c ft.; 6456 sq. ft. oiling and rolling at 8c ft.; 59,011 sq. ft. walk at 23c ft.; curb at 70c ft.; storm drain, $84,000; vit. pipe culvert, $100; san sewer at $60,000; 12,120 ft. hse sewers at $1.70 ft.; 8 sq. ft. gutter at 10c ft.

SANTA BARBARA, Cal.—A Lompoc delegation has presented to the county supervisors a new petition for road proceedings to secure the Lompoc-Harris Station road, bonds for which were defeated at the recent election. The route has been slightly altered in the new petition.

CHICO, Butte Co., Cal.—Until Oct. 19, 5 P. M., bids will be rec. by Chas. H. Camper, Clerk, Chico High School Board, to const. tennis courts at high school. Cert. check 5% payable to clerk of district req. Spec. obtainable from clerk.

TORRANCE, Cal.—H. G. Feraud, 1215 Detwiler Bldg., Los Angeles, awarded cont. by city trustees to imp. Martina Ave., bet. Carson St. and 220th St., etc., involv. 78,000 sq. ft. grading at 4c ft.; 78,000 sq. ft. 1¼-in. Willite paving on 3-in. asph. concr. pavement at 21.5c ft.; 957 ft. curb at 70c ft Hall-Johnson Co. bid 4c grading; 23c paving; 75c curb. J. J. Jessup, city eng.

SONORA, Tuolumne Co., Cal.—J. C. Jones at $3,125 awarded cont. by county supervisors to const. road from Summerville grammar school at Tuolumne to Mark Baker ranch. R. J. Gray, only other bidder, at $3,398. Est. of County Surv. Robt. Thom, $3,500.

PHOENIX, Ariz.—County supervisors of Mariposa county have decided to build a roadway bet. Gila and the Marleopa county line, on the route to Ajo, Pima county. This section will be approximately 25 miles. Pima county will construct 16 miles of this roadway. Nelson Davenport, Pima county engineer.

SANTA BARBARA, Cal.—County supervisors will advertise for bids for purchase of the $300,000 Santa Ynez road bond issue within the next few days. Work will start as soon as the bonds are sold.

SAN FRANCISCO—A. Raisch, 46 Kearny St., San Francisco, at $23,816.60 awarded cont by State Board of Harbor Commissioners to pave Embarcadero bet. Piers 19 and 27, involv., 63,140 sq. ft. eight-inch conc. pavement; 4,030 sq. ft. conc. pavement on grouted track base; 30,360 sq. ft. Topeka wearing surface; 9,500 sq. ft. cem. walk; 350 lin. ft. old curb reset; 350 lin. ft. new curb to be furnished and set; 100 lin. ft. 10-in. drain pipe; 6 catchbasins. Other bids: C. T. Harney, $24,813.31; J. O'Hara, $27,720.15; Pacific States Constr. Co., $26,036.10. Eaton & Smith, $25,135.10; Fay Imp. Co., $25,966.20.

SAN RAFAEL, Marin Co., Cal.—Until Nov. 6, 2 p. m., bids will be rec. by Rob. E. Graham, county clerk, to imp. Fairfax-Alpine Dam rd. from Bontempe Meadows toward Alpine Dam, Rd. Dist. 2. Cert. check 10% payable to Chair. Bd. Sups. req. Plans on file in office of clerk.

EL SEGUNDO, Cal. — City trustees declare inten. to imp. Main St., betw. Grand Ave. and Cellingwood Ave.; grade and pave with 5-in. macad., constructing walks, curbs, 59 reinf. conc. ornam. lighting; 1911 act. Victor D. McCarthy, city clerk.

MODESTO, Stanislaus Co., Cal.—City Eng. F. W. McCarton preparing spec. to pave Orange Ave. bet. Needham and Stoddard, property owners having requested the work.

TURLOCK, Stanislaus Co., Cal.—A. Teichert & Son, Oschner Bldg., Sacramento, awarded cont. by City trustees to imp. Washington St.,involv. grade, 35c; pave, $.206; alley gutter, $.94; curb $.50; 6x16 culvert, $3.24; 6x12 culvert, $2.96.

GARDEN GROVE, Cal.—Local residents, county officials and property owners plan extension of Long Beach Blvd. into Orange county into Santa Ana through Garden Grove.

PORTERVILLE, Tulare Co., Cal. — City trustees declare inten. to improve Belevue Ave., bet. Hawaii and Palm Aves., grade and pave with 5-in. cem. conc., const. curbs, conc. culverts. Spec. No. 35. Geo. D. Avery, city clerk.

SALINAS, Monterey Co., Cal.—County Surveyor Howard F. Cozzens preparing survey for county road No. 304 to Gigling reservation, a portion of which will be financed by U. S. Govt. Govt. portion will be approx. 15,500 ft. in length, macadam pavement, est. cost $45,000. Road will be 18-ft. wide. Construction of Government portion will be under supervision of Constructing Quartermaster, Fort Mason, San Francisco.

MANHATTAN, Cal—City trustees declare inten. to imp. Rosecrans Ave., between the Strand and Alma Ave.; grade and pave with 5-in. cem. conc., const. cem walks, ornam. street lighting system, 4-in. cast iron water pipes; 1911 act.

Inten. declared to imp. 33rd St., bet. Highland and Alma Aves.; grade and pave with 5-in. cem. conc., const. cem. curbs; 1911 act. Llewellyn Price, city clerk.

SAN MATEO, San Mateo Co., Cal.—Peterson and Haywood, San Mateo, at $469 awarded contract by San Mateo High School District to grade and construct roadways in school grounds.

LOS ANGELES, Cal.—W. D. McCray, 416 Am. Bank Bldg., awarded cont. by Bd. Pub. Wks. at $458,059 to improve Childs Ave., bet. Los Feliz Blvd. and Scotland St., involv. grading at $65,800 (lump sum); 697,580 sq. ft. 6-in. conc. paving 27½c ft.; 4750 sq. ft. bitum. base paving 30c ft.; 6456 sq. ft. oil and roll 8c ft.; 59,011 sq. ft. walk 23c ft.; curb 70c ft.; storm drain, $84,000; vit. pipe culvert, $100; san. sewer at $60,000; 12,122 ft. hse. sewers $1.70 ft.; 8 sq. ft. gutter 40c ft.

PORTERVILLE, Tulare Co., Cal.—City trustees declare inten. to imp. Henrahan Ave., bet. Putnam Ave. and Thurman St.; grade and pave with 5-in. cem. conc., const. conc. curbs, conc. culverts, walks, gutters, conc. conduits, cast iron inlet and conc. pipe storm drain. Geo. D. Avery, city clerk.

SAN FRANCISCO—Bd. Pub. Wks. rejects bids rec. to imp. San Bruno Ave., bet. 19th and 20th Sts. Low bid submitted by E. J. Treacy, Call Bldg., at $7350, whose unit bid follows: 750 lin. ft. conc. curb, $1; 10,000 sq. ft. asph. conc. pave, $.33; 10,000 sq. ft. conc. pave, $.33.

SAN BERNARDINO, Cal. — Council declares inten. to imp. Pratt St., bet. Base Line and 13th Sts.; grade; pave with 4-in. macad.; const. gutters; 1911 act.

Improve K St., bet. N 6th and N 7th Sts.; grade; pave with 4-in. macad., const. curbs; 1911 act.

Imp. Tenth St., bet. G and H Sts; grade; pave with 4-in. cem. conc.; construct cem. walks, curbs; 1911 act. J. H. Osborn, city clerk.

LOS ANGELES, Cal.—Griffith Co. 502 L. A. Ry. Bldg., awarded cont. by harbor comm. at $21,211 to pave lower end of Canal Ave. and portions of the piers at the foot of the avenue.

TUCSON, Ariz.—Council declares inten. to imp. Speedway, betw. Stone Ave. and Campbell Ave.; grade; pave (46 ft. roadway) with one of the four alternative types of pavement; constructing curbs, 4-ft. walks and drainage facilities. Alternative bids are asked on 5-in. conc., 1½-in. warrenite-bitul. on 2½-in. bitum. base; 1½-in. asph. conc. on 2½-in. bitum. base, or 1½-in. Willite on 2½-in. bitum base. In addition, there will be 4-in. vit. hse. sewers. L. O. Cowan, city clerk.

RIVERSIDE, Cal.—George M. Pearson, San Dimas, awarded contr. at $41,613 to pave Magnolia Ave., bet. Jurupa and Arlington Aves., involv. 241,916 sq. ft. macad. pavament 16c sq. ft.; shoulder grading 1c sq. ft.; 308 ft. galv. corru. iron culverts $4 ft.; 423 ft. galv. iron culverts $2.50 ft; and 25 ft. 18-in. conc. pipe $1 ft.

GLENDALE, Cal. — E. L. Fleming, 1007 S Boynton St., Glendale, submitted low bid to council to imp. Hillside Dr., involv. 499 lin. ft. grading 65c ft.; 4990 sq. ft. walk 17c ft.; 98 ft. curb 50c ft.; 17,964 sq. ft. 3-in. macad. 11c ft.; 511 ft. 4-in. c. i. water pipe at $800 complete; gutter 25c.

W. J. Curren, 379 W Patterson St., Glendale, low bidder to imp. Fourth St. Winchester and other Sts., involv. 4156 lin. ft. grading 50c ft; 125,687 sq .ft. 3-in. macad. 11c ft.; 3482 ft. curb 50c ft; 4223 ft. 4-in. c. i. water pipe at $4950 complete; 15,195 sq. ft. walk 17c ft.

E. L. Fleming low bidder to imp. Vista Ct., and Green St., involv. 280 lin. ft. grading $2.30 ft.; 7331 sq. ft. 3-in. macadam 11c ft.; 541 ft. curb 50c ft.; 2419 sq. ft. walk 18c ft.; 275 ft. 4-in. c. i. water pipe $545 complete; 1082 sq. ft. gutter 25c ft.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

SAN RAFAEL, Marin Co., Cal.—Until Nov. 15, 10 a. m., bids will be rec. by Rob. E. Graham, county clerk, to surface with crushed rock portion of county road in Town of Tomales, Rd. Dist. No. 4. Cert. check 10% payable to Chair. Bd. Sups. req. Plans on file on file in office of clerk.

LOS ANGELES, Cal.—Until 11 a. m., Oct. 22, bids will be rec. by supervisors to imp. Santa Anita Ave., bet. city limits of Pasadena and 117 ft. n of Paloma Ave., .64 mi.; cash job No. 208, involv. (1) 2312 cu. yds. excav; (2) 8650 sq. yds. shaping roadbed; (3) 7556 sq. yds. removing old macad. to stock pile; (4) 8650 sq. yds. conc. pavement, 8 in. to 6 in. thick; (5) 38 ft. curb; (6) 40 ft. curtain wall; (7) 6800 ft shaping shoulders. Material furnished by county, 2310 bbls. cement. Average haul 1 mi. from Altadena on P. E. Ry.

TURLOCK, Stanislaus Co., Cal.—City trustees, A. P. Ferguson, clerk, declare inten. to imp. Diablo St. from pavement in place in Crane Ave. to pavement in place in East Main St. and Thor. St., from pavement in place in E-Main to pavement in place in E-Olive St., involv. grading; pave with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests Nov. 6. Horace Hall, city eng.

LOS ANGELES, Cal.—County supervisors declare inten. to imp. Slauson Ave., bet. L. A. city limits west 5270.09 ft., approx. 5270.09 lin. ft. or 1 mi. Haul from Hyde Park on A. T. & S. F. Ry. Pavement consists of conc., 22 ft. wide, 6 in. to 8 in. thick. Work involves (1) 15,365 cu. yds. excav; (2) 5270 lin. ft. shaping roadbed; (3) 12,882 sq. yds. conc. pavement; (4) 36 ft. corru. iron pipe with headwalls at Sta. 39 plus 55; (5) 42-in. corru. iron pipe with headwalls at Sta. 29 plus 40; (6) 1064 lin. ft. guard fence. Est. contr. price $44,200.40.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. portions of Laurel, Maple, Midvale, Norton and Rettig Aves., Frye, Guido, Herrior and Wisconsin Sts., and Jordan Rd., const. sewers, manholes, lampholes, standpipes, drop connections and wye branches. 1911 Act. Protests Nov. 1. W. W. Harmon, city engineer.

BAKERSFIELD, Kern Co., Cal. — Charles W. Wimmer awarded cont. by supervisors to grade and const. culverts on highway leading from the top of Honolulu hill through the Boston-Pacific oil lease to the main Taft-Bakersfield highway.

COLTON, Cal.—City council orders plans prepared to pave Ninth St. M. L. Cook, city engineer.

BURBANK, Cal. — City trustees declare inten. to imp. Walnut Ave., bet. Sixth St. and Sunset Canyon Dr., grade and pave with 4-in. macad. const. cem. conc. curbs, walks, etc. 1911 Act. F. S. Webster, city clerk.

SAN BERNARDINO, Cal.—City council orders paving of Mt. Vernon Ave., bet. Fifth St. and Base Line. Pavement will be of conc. and extend betw. present central pavement and the gutters, making a complete cem. conc. pavement for the full width of the street.

COLUSA, Colusa Co., Cal.—C. R. Merrill, Colusa, awarded contract by city trustees to grade and gravel Fremont St. from Tenth St. to west city limits.

BURBANK, Cal.—City trustees declare inten. to imp. Verdugo Ave., bet. Olive Ave. and west city limits; grade and pave with 6-in. cem. conc., const. cem. conc. and corru. iron storm drain, 6-in. wrought iron screw black pipe for water mains; 1911 act. F. S. Webster, city clerk.

TUCSON, Ariz.—Borderland Constr. Co. submitted low bid to council at $32,629.40 to Franklin St., bet. Stone Ave. and 500 ft. west of Grandada. The bid specified 1½-in. warrenite surface with 2½-in. bitum. base.

VENICE, Cal.—City trustees declare inten. to imp. Flower Ct., bet. 6th and 7th Ave., grade; pave with 4-in. conc.; 1911 act.

SANTA BARBARA, Cal.—Sam Hunter, Santa Barbara, awarded contract by council at $65,423 to imp. Cliff Dr. and other streets on the Mesa. Details of the bid are: 29c a. sq. ft. for 4-in. conc. base with 1½-in. asph. top to include grading; $1.40 lin. ft. for curb and 3-ft. gutter; 75c ft. conc. curb; 26c sq. ft. curb; $1624.70 for sewer complete on Santa Cruz boulevard; $40 a lateral side for connecting sewers on Bay View Circle, Pacific Court, San Miguel Avenue, Santa Rosa Avenue, Bluff Drive and Camino al Mar; $1500 for main sewer complete on Bluff Dr.; $1690.50 for main sewer complete on San Miguel avenue; $1018.65 for main sewer complete on Santa Rosa Ave.; $200 for main sewer complete on Pacific Court; $600 for installation of a 2-inch water mains; $3800 for installation of 6 and 8-in. water mains; $7,178.58 for concrete stairway; and $55 for end wall.

SANTA MONICA, Cal.—City council grants Santa Monica Land and Water Co. permission to pave street, lay curbs, walks and const. lighting system in tract 7233 on San Vicente Blvd. by private contract. Spec. on file at office of city engr, John A. Morton.

City council grants petition to pave Washington Blvd., bet. Strand St. and the so. city limits. A 4-in. pavement will be laid.

SACRAMENTO, Cal.—F. H. Ritchie Co., San Jose, at $15.21 cu. yd. awarded cont. by county supervisors to imp. Riverside road from end of present conc. pavement near Oak Hill southerly, a distance of 1 mi.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at $22,989.92 only bidder, awarded cont. by county supervisors to pave with oil macadam 3-mi. of coast road beyond city limits of Santa Cruz in Seaside road district.

OAKLAND, Cal.—Oakland Paving Co, 5000 Broadway, Oakland, awarded cont. by council to imp. 9th St., bet. Jefferson and Market Sts., involv. const. conc curb, $.85; conc. gutter, $.30; 2-in. Warrenite-Bit. surface on existing macadam redressed with rock and screenings, $.195; 8-in. pipe sewer, $3; lamphole, $60; wye branch, $3.

REDONDO, Cal.—Council declares inten. to pave El Redondo with 2½-in. asph. conc. base and 1½-in. Willite surface; cem. curbs, gutters and sidewalk; 1911 Act.

SAN LUIS OBISPO, Cal.—City Engr. W. B. Roselip, preparing plans to imp. Santa Rosa St., bet. Monterey and Sycamore Sts., involv. 30,000 sq. ft. 6-in. conc. pavement; 1000 ft. conc. curb; 7000 sq. ft. walk; 1911 and 1915 acts.

PASADENA, Cal.—City trustees declare inten. to imp. Nowita Ct., bet. Oakwood and Linden Aves; grade; pave with 4-in. cem. conc.; 1011 act. Bessie Chamberlain, city clerk.

RICHMOND, Contra Costa Co., Cal.—L. L. Page, 728 Bissel Ave., Richmond, at $14,318.55 submits only bid to council to imp. Maine Ave., bet. 23rd St. and S. P. right of way, involv. grading and paving with Richmond Standard macadam; cem. conc. curbs with galv. steel bars; cem. conc. gutters, sidewalks, wing walls and portals and cem. conc. and corru. iron or steel culverts; and 27th St., bet. Maine Ave. and Cerritos Addition by grading and paving with Richmond stand. macadam; cem. conc. curbs and r.w. headers. 1911 Act. Taken under advisement. H. D. Chapman, city engineer.

SAN DIEGO, Cal.—City Engr. F. A. Rhodes completes spec. to imp. 24th, 25th and B Sts., involv. 253,819.66 sq. ft. paving with 1½-in. asph. concr. top on 2½-in. bitum. base; 280 lin. fa. of cem. concr. sewer laterals 4-in. diameter; 746.8 lin. ft. cem. concr. curb; 1911 act.

Spec. complete to imp. Louisiana St., bet. Upas and Lincoln, involv. 139,576.76 sq ft. paving with 1½-in. asph. concr. top on 3-in. bitum. base; 7 6-in. cem. concr. sewer laterals; 5 4-in. cem. concr. sewer laterals; 11.7 lin. ft. cem. concrete curb; 1911 act.

SANTA ANA, Cal.—Council declares inten. to imp. West 8th, N Garnsey and other sts., grade; pave with 5-in. conc. pavement; const. 6-in. stub end sewer; cem. curb; 1911 act and 1915 bond imp. act. E. L. Vegely, city clerk.

SAN FRANCISCO—Raisch Improvement Co., 46 Kearny St., San Francisco at $3720 awarded cont. by Bd. Pub. Wks to imp. Boyce St. from St. Rose's Ave. northerly, involv. 250 lin. ft. granite curb, $2.50; 3150 sq. ft. brick pave., $.60; 3600 sq. ft. asph. conc. pave, $.30.

SAN FRANCISCO—Fay Imp. Co. Prelan Bldg., San Francisco, at $264.40 awarded cont. by Bd. Pub. Wks. to imp. East half of Stanyan St., bet. 17th and Estee Sts., involv. 175 sq. ft. basalt pave, $.82; 310 sq. ft. asph. conc. pace, $.39.

Sauerman Drag Lines and Scrapers In Stock

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at $7397.18 only bidder, awarded contract by supervisors to pave with oil macadam approx. 1-mi. of road bet. Capitola and Soquel.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. 48th Ave., bet. Lawton and Santiago Sts., est. cost $125,000. Project involv. 2382 cu. yds. cut; 39,353 cu. yds. fill; 4145 lin. ft. 8-in., 75 lin. ft. 12-in., 35 lin. ft. 15-in., 105 lin. ft. 18-in., and 302 lin. ft. 2-in. ironstone pipe sewer; 255 8-in. wyes; 12 br. manholes; 32 br. catchbasins; 1120 lin. ft. 10-in. ironstone pipe culvert; 9155 lin. ft. conc. curb; 5283 sq. ft. art. stone walks; 16,800 sq. ft. conc. gutters; 190,344 sq. ft. asph. conc. pavement.

SANTA CRUZ, Santa Cruz Co., Cal.—Bids will be asked shortly by county supervisors to imp. Mt. Hermon road, by regrading and covering road with waste from highway in Felton to highway in Scotts Valley. Lloyd Bowman, county surveyor.

SANTA MARIA, Cal.—City trustees plan paving Nortb and South Broadway and East and West Main St. to complete paving on those streets; also to pave South Broadway bet. high school property and Garcy Rd.

VENICE, Cal.—City trustees declare inten. to imp. Rose Ct., bet. 6th and 7th Ave., grade; pave with 5-in. cem. conc; 1911 act. T. H. Hanna, city clk.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. 48th Ave., bet. Santiago and Taraval Sts., est. cost $9400. Project involving 1534 cu. yds. cut; 675 lin. ft. 12-in. and 40 lin. ft. 18-in. ironstone pipe sewer; 24 12-in. wye branches; 4 br. catchbasins with c. i. frames, gratings and traps; 110 lin. ft. 10-in. ironstone pipe culvert; 3 br. manholes; 647 lin. ft. conc. curb; 330 sq. ft. art. stone walks; 1200 sq. ft. conc. gutter; 13,247 sq. ft. asph. cons. pavement.

SANTA CRUZ, Santa Cruz Co., Cal.—County Surveyor Lloyd Bowman preparing spec. to regrade road from Schwan's station to bridge over Corcoran's lagoon along East Cliff Drive; work to be financed from Branciforte Road Fund.

OAKLAND, Cal. — City Engineer W. W. Harmon instructed by council to prepare specifications for extension of Seventh St., outfall sewer to afford better sanitary conditions along West Oakland waterfront; est. cost $230,000.

MONTEREY PARK, Cal.—City trustees vote to pave Garvey Ave., using 8-in. cem. conc. The conc pavement was selected by the property owners.

LOS ANGELES, Cal.—Until Oct. 18, 12 m., bids will be rec. by the Winter Invest. Co., 1109 Van Nuys Bldg., for imp. st. in Tract 7376 on Anaheim-Telegraph road, involv. 419-192 sq. ft. grading and paving with 4-in. compacted Hollywood gravel and 90% oil; 4910 ft. curb and 23,430 sq. ft. cem. sidewalk, in accordance with spec. of county road dept. Plans obtainable F. G. Dessery, consulting engr., 619 Central Bldg., Los Angeles.

VALLEJO, Solano Co., Cal. — Louis Tagnon, Vallejo, awarded cont. by council to imp. Garfopd alley, involv. 200 cu. yds. grading, $2; 800 lin. ft. curb, $.40 lin. ft; 6400 sq. ft. conc. pave $.215 sq. ft.; 370 lin. ft. 6-in. sewer, $1.15 lin. ft.; 19 6x4-in. wyes, $.60 ea; 1 lamphole, $25.

VALLEJO, Solano Co., Cal. — Louis Tagnon, Vallejo, awarded contract by council to imp. Ford alley bet. Sacramento and Marin Sts., involv. 235 cu. yds. grading, $.40 lin. ft.; 800 lin. ft. curb, $.40 lin. ft; 6400 sq. ft. conc. pavement, $.22 sq. ft.

AUBURN, Placer Co., Cal.—Galbraith and Janes, Yuba City, at $55,952.56, submit low bid to city trustees to pave with concrete approaches to Sacramento, Grass Valley and Colfax highways. J. A. Costello, 1083 Shotwell St., San Francisco, low bidder for 4-in. asph. pavement at $53,992.50. Taken under advisement. J. A .Barieau, city eng.

RIVERSIDE, Cal.—Hall-Johnson Co., P. O. Box 51, Lynwood, at $37,197 awarded cont. by supervisors to imp. portion of Corona-Elsinore highway involv. (1) 12,914 cu. yds. excav.; (2) 15,624 lin. ft. shaping roadbed; (3) 249,984 sq. ft. 5-in. macad. pavement with asph. surface; (4) 73 cu. yds. A cem. conc. (bridge); (5) 10.5 cu. yds. B cem. conc. (fords and walls). Other bids were: Geo. M. Person, San Dimas, $44,314.74; Al G. Singretary, Riverside $51,160.50; Thos. Crawford, Pomona, $51,188.68.

STOCKTON, San Joaquin Co., Cal.—Cy Morcing, Commercial Savings Bank Bldg., Stockton, at $5050.60 awarded cont. by county supervisors to imp. Amiel Hoag rd. in Rd. Dist. No. 1, commencing at pt. near s.w. corner of Sec. 34, Twp. 3 N., R 9 E. M.D.B. & M. and 11,578 ft. distant along road from south end of Mormon channel bridge at Bellota, and thence to Hunt bridge over the Calaveras river, a distance of 16,262 ft. C. W. Wood, Manteca, only other bidder at $5782.40.

FAIRFIELD, Solano Co., Cal.—T. F. McGill, Vallejo, at $14,000 awarded contract by county supervisors to grade both ends of lower Suisun road. United Construction Co., Vallejo, only other bidder at $19,650.

RIVERSIDE, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles, submitted low bid to supervisors at $70,000 (using asph. conc.), for imp. portion of Rte. 8, Beaumont, to foot of Moreno grade, known as Jask Rabbit Trail, involv. (1) shaping 19,300 lin. ft. roadway 16 ft. wide; (2) const. 19,300 lin. ft. pavement 16-ft. wide; (3) 300 lin. ft. conc. curb; (4) building up 8 catch basin walls and lay 30 ft. corru. pipe. Hall-Johnson Co. submitted low bid at $60,064 for 5-in. macad paving. Pavement is to be either class A cement conc., 5-in. or 6-in. thick; 5-in. asph. conc.; 5-in. macad.; 5-in. Willite; or 5-in. National pavement; type to be determined by board. The bids were: Geo. H. Oswold, $70,000 (asph. conc.); Hall-Johnson Co., $60,064 (macad.); $77,820 (asph conc.); Geo. R. Curtis, $79,991 (asph. conc.); $86,087 (National pavement); Southwest Paving Co., $81,474 (asph. conc.); Gibbons-Reed Co., $85,034 (asph. conc); no bid on macad.

RENO, Nevada—City council votes to call election to vote bonds of $35,000 to finance sewer construction—bonds to be dated Jan. 1, 1923, to run for 20 years, bear 5% interest and redeemable after ten years of $1000 denomination. Harry Chism, city engineer.

STOCKTON, San Joaquin Co., Cal.—City council petitioned to pave Wilson Way bet. East Main St. and Charter Way. City Engineer W. B. Hogan estimates cost of work as follows: Wilson Way, bet. Main St. and Santa Fe tracks $33,523 and bet. Santa Fe tracks to Jefferson St. and from Jackson St. to Charter Way include construction of curbs and gutters. The project will also include construction of bridge over Mormon slough, if built of concrete to cost $36,000 and of wood $10,000. Matter referred to City Manager Ashburner for report.

LOS ANGELES, Cal.—G. A. Constantine, 910 Haas Bldg., submitted low bid to Bd. Pub. Wks at $37,858 to imp. Bellevue Ave., bet. Benton Way and Michelotorena St., involv. grading at $12,000 (lump sum); 14,857 sq. ft. conc. paving 25c ft.; 116,997 sq. ft. oil and roll 6.5c ft.; 5907 sq. ft. curb 65c ft.; 30,501 sq. ft. walk 20.5c ft.; 11,729 sq. ft. conc. gutter 34.5c ft.; wooden culvert complete, $400.

LOS ANGELES, Cal.—H. G. Feraud, 1215 Detwiler Bldg., submitted low bid to supervisors at $23,720 to imp. portions of Lennox Ave. and Hawthorne Ave., involv. 1483 cu. yds. excav. at 98c yd.; 6101 sq. yds. Willite pavement at $2.25 yd; 2523 ft. curb at 70c ft; 15,856 sq. ft. conc. walk at 24c ft.; 8891 sq. ft. conc. gutter at 30c ft.; $300 catchbasins and culverts. Southwest Paving Co. bid $25,680.

HERMOSA BEACH, Cal.—City trustees declare inten. to imp. First St., bet. Camino Real and Barney Ct., grade and pave with 5-in. cem. conc. pavement; const. cem. walk; Vrooman act. B. F. Brown, city clerk.

SANTA ROSA, Sonoma Co., Cal. — County supervisors reject bids to const. Pocket Canyon rd. and work will be done by county. Bids were:

W. H. Carr, Sebastopol, 59c cu. yd. for grading and excavating; $20 per cu. yd. conc. on bridges and culverts under 20 ft. wide; and $1, $1.50 and $2 resp. for 12, 15 and 18-in. corru. iron culverts.

Gates, Brozelton & Howe, 96c, $30, $1.50, $1.75 and $2.

Charles Harlowe Jr., 69c, $30, $1.25, $1.50 and $1.50.

Proctor & Cleghorn, 62½c, $35, 90c, $1.25 and $1.75.

MODESTO, Stanislaus Co., Cal.—A. Teichert & Sons, Ochsner Bldg., Sacramento, at $.70 cu. yd. excavation and $.217 sq. ft. for pavement, awarded cont by county supervisors to const. 3855.3 lin. ft. asphaltic conc. rd., 16-ft. wide, 5-in. thick, consisting of 3½-in. asph. conc. base and 1½-in. asph. conc. surface, beg. at pt. on south line of Valley Home Townsite at intersection with present conc. highway leading from Valley Home to Oakdale; thence west to Stanislaus and San Joaquin county line.

MARYSVILLE, Yuba Co., Cal.—Until Oct. 24, 2 p. m., bids will be rec. by W. M. Strief, county clerk, to const. grade across Plumas Lake on Feather river blvd. Cert. check 10% payable to county req. Plans on file in office of clerk. Leslie B. Crook, county surv

MARYSVILLE, Yuba Co., Cal.—Until Oct. 24, 2 p. m., bids will be rec. by W. M. Strief, county clerk, to grade and gravel county road extending from Hammonton rd. at center of Sec. 21 of Township 14, N. R. 4 E., M.D.B. and M North to base of Linda Levee. Cert check 10% payable to county req. Plans on file in office of clerk. Leslie B Crook, county surv.

SAN FRANCISCO—City Eng. M. M O'Shaughnessy completes spec. to imp Palou ave., bet. Jennings and Hawes Aves., involv. 7500 cu. yds. cut; 3671 cu. yds. fill. Est. cost $9500.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

Architects—Engineers—City and County Officials

How about bids wanted?

Are you satisfied with the bids you received on that last job?

Did you have competition—and plenty of it? If not—why not?

Without charge the BUILDING & ENGINEERING NEWS will place your job before the construction interests of the Pacific Coast. That means competition and—competition means the lowest possible bid.

If you want competition send particulars of your job to BUILDING & ENGINEERING NEWS—also a set of plans and specifications.

Reach the *Independent Bidder* through the columns of BUILDING & ENGINEERING NEWS

The combined news services of BUILDING & ENGINEERING NEWS have a circulation of

2804

—reaching the Engineer, Contractor and Material Dealer.

Can you reach one quarter the amount of interested people through any other news service published in this section? We think not—in fact, we know you cannot.

If you want *competition*—if you want *independent* contractors to figure your job—if you want the *lowest possible bid*—send particulars of your project to

Building & Engineering News

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3720	First Federal	Owner	1000
3721	Hall	Owner	2000
3722	Burkett	Klyce	1000
3723	Hart	Owner	6000
3724	Mathen	Owner	5000
3725	Salvino	Wengard	5900
3726	Smith	Yates	4000
3727	Getz	Owner	6000
3728	Kalinowski	Owner	2000
3729	Bell	Bell	80000
3730	Hobrecht	Zinkand	13840
3731	Madison	Vogt	9980
3732	Gerloff	Gillogler	9300
3733	R C Archb.	Walter	4927
3734	Marks	Owner	3000
3735	Holmgren	Owner	5000
3736	S F Homes	Meyer	20000
3737	Malaspin	Owner	5000
3738	Hind	Owner	8000
3739	P G & E	Owner	30000
3740	Same	Same	10000
3741	Ferrerios	New Era	6000
3742	Hansen	Owner	11250
3743	Strand	Owner	25000
3744	Parkside	Owner	8000
3745	Brown	Owner	5000
3746	Fish	Johnson	3000
3747	R C Archb.	Goodwin	58548
3748	Weidman	Malloch	7500
3749	Fed. Reserve	Rucker	7519
3750	Hammill	Hammill	1500
3751	Connett	McCarthy	3000
3752	Whitcomb	Macdonald	2500
3753	Montgomery	Owner	4000
3754	Pinocci	Owner	8000
3755	Price	Rielly	11000
3756	Connett	McCarthy	4500
3757	Bertelsen	Meinberger	11570
3758	Lewis	Schwarz	4775
3759	McLaughlin	Casty	10000
3760	Guttner	Owner	2500
3761	Isaacson	Owner	3750
3762	Hauser	S. F. Oven	1000
3763	Carlson	Wiander	2000
3764	Bertelson	Meiberger	9000
3765	Carney	Hathcock	1400
3766	Raisch	Cox	4000
3767	Peters	Owner	8000
3768	Paice	Paice	2100
3769	Rivers	Owner	10500
3770	Arrington	Christensen	8000
3771	Adler	Owner	5000
3772	Bruse	Thulin	2000
3773	Raisch	Cox	7000
3774	Nelson	Owner	40000
3775	Bisio	Ferroni	25000
3776	Dyer	Cox	40000
3777	Union Trust	Greene	13850
3778	California	Goodman	2958
3779	Greenburg	Mission	10000
3780	R. C. Archb.	Owner	70000
3781	Hamill	Owner	3000
3782	Lutz	Owner	9000
3783	Hargrave	Owner	3500
3784	Camilleri	Sherry	2800
3785	Gawthorne	Oowner	6000
3786	Horst	Owner	1000
3787	Caley	Owner	1000
3788	Price	Martin	7887
3789	Allen & Co.	Owner	10000
3790	Loftus	McCauley	4000
3791	Getz	Morrow	6000
3792	Getz	Morrow	6000
3793	French Hsptl	Vogt	4500
3794	Veyhle	Rench	4000
3795	Rooney	Wiander	6459
3796	HcLaughlin	Casty	11908
3797	Hollscher	Brady	12485

ALTERATIONS

(3720) NE GOLDEN GATE AVE. & Hyde St. Remove reinforced concrete column & install 10-in. 30# I beam.
Owner—First Federal Trust Co., Post and Montgomery Sts., S. F.
Architect—None.
Contractor—M. Gibbs, 2116 Fillmore St., San Francisco. $1000

ALTERATIONS

(3721) NO. 2567-69 FOLSOM Alterations for (4) flats; concrete steps; metal lath and plaster for private garage quarters.
Owner—John S. Hall, Box 77, Livermore, Calif.
Architect—None. $2000

ALTERATIONS

(3722) NO. 150 THIRD AVE. Construct billiard room for residence.
Owner—C. W. Burkett, Premises.
Architect—A. A. Cantin, 68 Post St., San Francisco.
Contractor—H. A. Klyce, Call Bldg., San Francisco. $1000

PLANNING MILL

(3723) NW JERROLD & NAPOLEON. One-story frame planning mill.
Owner—Hart & Burmeister, 1068 Brannan St., San Francisco.
Architect—None. $6000

FRAME FLATS

(3724) N CHESTNUT 165-6 W Polk. Two-story and basement frame (2) flats.
Owner—J. P. Mathen, 1368 Broadway, San Francisco.
Architect—None. $5000

DWELLING

(3725) SE BRUNSWICK 268 NE Oliver. One-story and basement frame dwelling.
Owner—A. Salvino.
Architect—Paul De Martini, 946 Broadway, San Francisco.
Contractor—C. Wengard, 1286 34th Ave., San Francisco. $5900

DWELLING

(3726) N RIVERA 29,10 W Eighteenth One-story and basement frame dwelling.
Owner—Byrd O. Smith, 247 Montgomery St., San Francisco.
Architect—None.
Contractor—Wm. F. Yates. $4000

DWELLINGS

(3727) W THIRTY-THIRD AVE 275 and 300 S Lincoln Way. Two one-story and basement frame dwlgs.
Owner—Sol Getz & Sons, 24th Ave. & Lincoln Way, San Francisco.
Plans by Owner. $3000 each

DWELLING

(3728) SW AUGUSTA 75 W Boutwell One-story and basement frame dwelling.
Owner—Fred Kalinowski, 247 Charter Oak St, San Francisco.
Plans by Owner. $2000

APARTMENTS

(3729) S PINE 172 W Powell S 137-6 xW 53. All work for four-story and basement reinforced concrete building (16 apartments).
Owner—Margaret Bell, 825 Pine St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor—J. J. Bell, 825 Pine St., San Francisco.
Filed Oct. 4, '23. Dated Sept. 24, '23.
1st floor joists set.....$12,000
Rafters set 12,000
Ready for plaster..... 12,000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Standing finish on..... 12,000
Completed and accepted..... 12,000
Usual 35 days..... 20,000
TOTAL COST, $80,000

Bond, none. Limit, 150 days. Forfeit, none. Plans and specifications filtd.

FLATS
(3730) S GROVE 156-3 W Ashbury 25 x 137-6. All work except plumbing fixtures, heating system, tile mantels, light fixtures, finish hardw., and shades for 2-story and basement frame bldg. (flats).
Owner—Dr. Chas. B. Hobrecht, 1588 Fulton St., San Francisco.
Architect — John H. Merz (designer), 273 Lily St., San Francisco.
Contractor — Ed Zinkand & Son, 434 10th Ave., San Francisco.
Filed Oct. 4, 1923. Dated Sept. 12, 1923.
Frame up enclosed & roof on..$3460
Brown coated 3460
Completed and accepted 3460
Usual 35 days 3460
TOTAL COST, $13,840
Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and specifications filed.

ADDITION
(3731) SE HOMER 60 NE Chesley SE 60 x NE 20. All work except plumbing, wiring and painting for class C addition of 3 stores to present building.
Owner—James Madison, 112 Market St. San Francisco.
Architect—Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.
Filed Oct. 4, 1923. Dated Oct. 2, 1923.
2nd story joists in place.....$2500
Roof on 2500
Completed and accepted 2485
Usual 35 days 2495
TOTAL COST, $9980
Bond, $4990; Sureties, Emil Hogberg & Jno. F. Davidson; Forfeit, none; Limit, 50 days; Plans and specifications filed.

FLATS
(3722) E GUERRERO 222-6 S 18th S 25 x E 105. All work for 2-story frame bldg. flats.
Owner—Gustav & Emilie Gerloff, 519 Capp St., San Francisco.
Architect—None.
Contractor—J. W. Gillogley, 745 San Jose Ave., San Francisco.
Filed Oct. 4, 1923. Dated Sept. 12, 1923
Rough frame up $1743
Brown coated 1743
White coated 1743
Completed and accepted 1746
Usual 35 days 2325
TOTAL COST, $9300
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

LINOLEUM
(3733) N FILBERT 137-6 E Powell N 160xE 137-6. Installation of linoleum floors in S S Peter & Pauls Church.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect — Chas. Fantoni, 550 Montgomery St., San Francisco.
Contractor—D. N. & E. Walter & Co., 562 Mission St., San Francisco.
Filed Oct. 4, 1923. Dated Sept. 24, 1923.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $4927
Bond, $2500; Sureties, W. Sullivan & W. Gerstenberg; Forfeit, $10; Limit, Jan. 15, 1924; Plans and specifications filed.

DWELLING
(3734) W HAROLD 300 S Holloway. One-story frame dwelling.
Owner—John S. Marks, 224 Grafton Ave., San Francisco.
Architect—Clarence Baker, 230 Rolph St., San Francisco. $3000

DWELLING
(3735) E FIFTH AVE 125 S Cabrillo. One-story and basement frame dwelling.
Owner—Karl H. Holmgren, 680 15th Ave., San Francisco.
Architect—None. $5000

DWELLINGS
(3736) NE HAMPSHIRE AND 20TH. E HAMPSHIRE 23, 46 & 69 N 20th. N TWENTIETH 77 E Hampshire. Five one-story and basement frame dwellings
Owner—San Francisco Home Building Co., 5326 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000 each

DWELLING
(3737) NW PARIS 150 SW Russia. One-story and basement frame dwelling.
Owner—E. Malaspini, 609 Paris St., San Francisco.
Architect—None. $5000

FRAME FLATS
(3738) N CHESTNUT 112-6 W Gough. Two-story and basement frame (2) flats.
Owner—Alfred E. Hind, % Architect.
Architect—W. G. Hind, 711 Hearst Bldg., San Francisco. $8000

GENERATOR BLDG.
(3739) N HUMBOLDT bet. Delaware & Maryland. One-story steel gas generator building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of Owner. $30,000

BOILER BLDG.
(3740) N HUMBOLDT bet. Delaware and Maryland. One-story steel boiler building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of Owner. $10,000

DWELLINGS
(3741) S MADRID 150 175 N Brazil. 2 1-story and basement frame dwlgs.
Owner—L. Ferrerios, 3289 Mission St., San Francisco.
Architect—None.
Contractor—New Era Bldg. Co., 3289 Mission St., S. F. $3000 each

DWELLING
(3742) E CAPISTRANO 90 144 208 N Cayuga. 3 1-story and basement frame dwellings.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3750 each.

APARTMENTS
(3743) SE BAY AND FRANKLIN STS. 3-story and basement frame (12) apartments.
Owner—Strand and Strand, 163 Parnassus Ave., San Francisco.
Architect—Bauman and Jose, 251 Kearny St., San Francisco. $25,000

DWELLINGS
(3744) S TARAVAL 82-6 & 113-9 E 35th Ave. 2 1-story and basement frame dwellings.
Owner—Parkside Realty Co. 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

FLATS
(3745) S DUNCAN 35 E Dolores. 2-story and basement frame (2) flats
Owner—Ward C. Brown 2945 Harrison St., San Francisco.
Architect—None. $5000

DWELLING
(3746) S DAY 125 E Church. 1-story and basement frame dwelling.
Owner—W. S. Fish, 88 Godeus St., San Francisco.
Architect—None.
Contractor—Joel Johnson, 1614 Church St., San Francisco. $3000

SCHOOL
(3747) GREEN AND STEINER STS. All work for St. Vincent de Paul Parochial School.
Owner — The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—Shea and Shea, 2565 Gough St., San Francisco.
Contractor—T. B. Goodwin, 2565 Gough San Francisco.
Filed Oct. 5, 1923. Dated —.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $58,548
Bond, $58,548; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, 140 days Plans and specifications filed.

BUILDING
(3748) S McALLISTER 89-6 W Buchanan W 25 x S 137-6. All work for 1-story frame building.
Owner—N. Weidman & S. Orchid, 1333 10th Ave., S. F.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco.
Filed Oct. 5, 1923. Dated Sept. 27, 1923.
Roof boards in place.....$1500
White coated 2000
Completed and accepted 2125
Usual 35 days 1875
TOTAL COST, $7500
Bond, none; Sureties, Arthur Elvin, Julius F. Prince; Forfeit, none; Limit, 50 days; Plans and specifications filed.

CHAIRS & STOOLS
(3749) NW BATTERY & SACRAMENto W 275 x N 119-6. Wood chairs and stools for bank building.
Owner—Federal Reserve Bank of S. F.
Architect—None.
Contractor — Rucker Fuller Desk Co., 677 Mission St., San Francisco.
Filed Oct. 5, 1923. Dated Sept. 15, 1923.
10th each month 90%
Completed and accepted 10%
TOTAL COST, $7519.23
Bond, 3760; Sureties, United States Fidelity & Guaranty Co; Forfeit, Limit, none; Plans and specifications filed.

ALTERATIONS
(3750 NE FULTON & EIGHTEENTH Ave. Remodel residence for (2) flats.
Owner—Jos. Hammill, 3600 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $1500

DWELLING
(3751) E FIFTEENTH AVE 115 S Judah. One-story and basement frame dwelling.
Owner—H. Connett, 1533 Shrader St, San Francisco.
Architect—None.
Contractor — John E. McCarthy, 1479 12th Ave., San Francisco. $3000

ADDITIONS
(3752) NO. 1231 MARKET. Additions to west elevator.
Owner—Hotel Whitcomb, Jas. Otis, Trustee, Premises.
Architect—George Rushforth, Pine St., San Francisco.
Architect—Macdonald & Kahn, 130 Montgomery St., S. F. $2500

DWELLING
(3753) NW ULLOA & KENSINGTON. One-story and basement frame dwelling.
Owner—Mrs. E. J. Montgomery , 1320 Broadway, San Francisco.
Designer—F. Dakin, 310 California St., San Francisco.
Contractor—E. J. Montgomery, 1320 Broadway, S. F. $4000

FRAME FLATS
(3754) N PACIFIC 28 E Wayne Place. Two-story and basement frame (2) flats.
Owner—C. Pinocci, 66 John St., S. F.
Architect—None. $8000

PICTURE STUDIO
(3755) NW NINTH AND SHERIDAN. One-story reinforced concrete motion picture studio.
Owner—Merton J.Price, 630 20th Ave, San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—F. J. Reilly, 180 Jessie St., San Francisco. $11,000

FRAME BUILDING
(3756) E FIFTEENTH AVE 115 S Judah E 82-7½ S 25-1½ N 25 OL 755. All work for one-story and basement frame building.
Owner—H. and Margaret Connett, 1531 Shrader St., San Francisco.
Architect—John E. McCarthy, 1479 12th Ave., San Francisco.
Contractor — John E. McCarthy, 1479 12th Ave , San Francisco.
Filed Oct. 6, '23. Dated Sept. 28, '23.
Frame up $1075
Brown coated 1075
Completed and accepted..... 1075
Usual 35 days..... 1075
TOTAL COST, $4300
Bond, none. Limit, 90 days after Oct. 1, 1923. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(3757) E SIXTEENTH AVE 225 N Balboa E 127xN 25 OL 298. All work for two-story frame flats.
Owner—Florence L. Bertelsen.

Architect—None.
Contractor—H. S. Meinberger, 5720 California St., San Francisco.
Filed Oct. 6, '23. Dated Oct. —, '23.
Rough frame up.....$2892.50
Brown coated 2892.50
Completed and accepted..... 2892.50
Usual 35 days..... 2802.50
TOTAL COST, $11,570.00
Bond, $5000. Surety, V. Meinberger. Limit, 120 days. Forfeit, none. Plans and specifications filed.

BRICK BLDG.
(3758) W SEVENTH 55 N Harrison N 25x85. All work for one-story brick building.
Owner—Edw and Henrietta Lewis, 432 6th St., San Francisco.
Architect — Charles Schwarz, 1410-A Hyde St., San Francisco.
Contractor — Charles Schwaz, 1410-A Hyde St., San Francisco.
Filed Oct. 6, '23. Dated Oct. 5, '23.
Ready for ceiling joist $1790.63
Completed 1790.63
Usual 35 days..... 1193.75
TOTAL COST, $4775.00
Bond, 02387.50. Sureties, N. Andersen and A. A. Zelinsky. Limit, 40 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(3759) E SAN LORENZO WAY 210 S Portola Drive. Two-story and basement frame residence.
Owner—Margaret E. McLaughlin, 140 Clipper St., San Francisco.
Architect—Theo. W. Lenzen, 706 Humboldt Bank Bldg., San Francisco.
Contractor—J. Casty & Son, 180 Jessie St., San Francisco. $10,000

STORE, ETC.
(3760) S WILDE 490 E Rutland Two-story frame store and living rooms.
Owner—Frank Guttner, 26 Rutland St., San Francisco.
Architect—C. Larson, 371 Wilde Ave., San Francisco. $2500

DWELLING
(3761) E FORESTER 50 N Joost Ave. One-story and basement frame dwelling.
Owner—Isaacson & Nylund, 537 Forester St., San Francisco.
Architect—None. $3750

BAKE OVEN
(3762) NO. 512 THIRD AVE. Construct bake oven.
Owner—Alois Hauser, 846 34th Ave., San Francisco.
Architect—None.
Contractor—San Francisco Oven Co., San Francisco. $1000

ALTERATIONS
(3763) NO 2563 TWENTY-NINTH AV. Raise and alter dwelling; concrete work, etc.
Owner—W. Carlson, Premises.
Architect—None.
Contractor—E. Wiander, 41 Coleridge St., San Francisco. $2000

FRAME FLATS
(3764) E SIXTEENTH AVE 225 N Balbao. Two-story and basement frame (2) flats.
Owner—Florence Bertleson, 615 Lincoln St., Alameda.
Architect—None.
Contractor—H. S. Meinberger, 5720 California St., S. F. $9000

ALTERATIONS
(3765) NO 1011 ALABAMA. Remove porch and add kitchen, dining room and bath.
Owner—Pete T. Carney, Premises.
Architect—None.
Contractor—A. G. Hathcock, 230 Tehama St., San Francisco. $1400

DWELLING
(3766) SW FOURTH & PARNASSUS Aves. Two-story and basement frame dwelling.
Owner—A. J. Raisch, 46 Keary St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $4000

DWELLINGS
(3767) W THIRTY-FIFTH AVE 240 and 266 N Cabrillo. Two two-story and basement frame dwellings.
Owner—J. M. Peters, 1045 Balboa St., San Francisco.
Architect—None. $4000 each

DWELLING
(3768) S DAY 205 E Church. One-story and basement frame dwlg.
Owner—Arthur Geo. Paice, 2350 Clement St., San Francisco.
Architect—None.
Contractor—Chas. J. Paice, Campbell, Calif. $2100

DWELLINGS
(3769) N ANA 57-6, 82-6 and 107-6 E Forty-fourth Ave. Three one-story and basement frame dwlgs.
Owner—C. B. Rivers, 222 Phelan St., San Francisco.
Architect—None. $3500 each

FRAME FLATS
(3770) W TWENTY-SIXTH AVE 100 N Geary. Two-story and basement frame (4) flats.
Owner—Louella Arrington, % Contractor.
Architect—None.
Contractor—Christensen Bros, 518 25th Ave., San Francisco. $8000

DWELLING
(3771) NW BALBOA AND TWENTY-third Ave. One-story and basement frame dwelling.
Owner—Klaus Adler, 493 22nd Ave., San Francisco.
Plans by Owner. $5000

LUNCH ROOM
(3772) NE ARTHUR AND THIRD. One-story frame lunch rooms.
Owner—John Brusa and John Lagrave, 2296 3rd St., S. F.
Architect—None.
Contractor—A. L. Thulin, 120 Otis St., San Francisco. $2000

DWELLINGS
(3773) N KIRKHAM 95 and 120 E Fifth Ave. Two one-story and basement frame dwellings
Owner—A. J. Raisch, 46 Keary St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $3500 each

APARTMENTS
(3774) SE ASHBURY AND HAYES. Three-story and basement frame (15) apartments.
Owner—Emil Nelson, 73 Allston Way, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., S. F. $40,000

APARTMENTS
(3775) W FRANKLIN 95 S Filbert St. Three-story and basement frame (6) apartments.
Owner—G. Bisio, 770 5th Ave., S. F.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—S. Ferroni & Son, 1926 Filbert St., S. F. $25,000

APARTMENTS
(3776) NE HAIGHT AND WEBSTER. Three-story and basement frame (12) apartments.
Owner—Dr. C. E. Dyer, 506 Haight St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $40,000

FRAME BLDG.
(3777) W FRANKLIN 35 S Broadway 38x120. All work for two-story and basement frame building.
Owner—The Union Trust Co., Trustee Estate Mrs. Bertha Zadig, decd., Grant Ave. and Market St., S. F.
Architect — Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—M. E. Greene, 180 Jessie St., San Francisco.
Filed Oct. 8, '23. Dated Sept. 22, '23.
1st floor joists in place.....$2597
Rough framing up 2597
Brown coated 2597
Completed and accepted..... 2597
Usual 35 days..... 3462
TOTAL COST, $13,850
Bond, $6925. Surety, Maryland Casualty Co. Limit, 100 days. Forfeit, $10. Plans and specifications, none.

ALTERATIONS
(3778) S CALIFORNIA bet. Montgomery and Kearny, frontage 142-6 m or l. All work for retaining wall at area of sidewalks of California Market on California St. and reducing width of sidewalk.
Owner—California Market Co:, Prem.
Architect — Hermann Barth, Phelan Bldg., San Francisco.
Contractor—George Goodman Artificial Stone Co., Lick Bldg., S. F.
Filed Oct. 8, '23. Dated Oct. 4, '23.
All work ½ done.....$1109.00
Completed and accepted..... 1109.50
Usual 35 days..... 739.50
TOTAL COST, $2958.00
Bond, $1479. Sureties, John Cassaretto and John Faubel. Limit, 30 days. Forfeit, $5. Plans and specifications filed.

MFG. BLDG.
(3779) S STEVENSON 175 W Seventh. Two-story and mezzanine concrete light manufacturing building.
Owner—Greenburg Bros., 695 Stevenson St., San Francisco.
Architect—Mission Concrete Co., 517 New Call Bldg., San Francisco.
Contractor—Mission Concrete Co., 517 New Call Bldg., S. F. $10,000

SCHOOL
(3780) S TWENTY-NINTH 105 W Church. Three-story brick high school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Shea & Shea, Choinrcle Bldg., S. F. $70,000

DWELLINGS
(3781) N ANZA 27 and 46 W Forty-second Ave. Two one-story and basement frame dwellings.
Owner—Thos. Hamill, 6140 Bryant St., San Francisco.
Architect—None. $3000 each

DWELLINGS
(3782) W HANOVER 103, 128 and 153 N Lowell. Three one-story and basement frame dwellings.
Owner—Pinkerton & Lutz, 430 Hanover St, San Francisco.
Architect—H. C. Pinkerton, 430 Hanover St., San Francisco. $3000 each

DWELLING
(3783) E NEWTON 25 N Morse. One-story and basement frame dwlg.
Owner — E. J. Hargrave, 1114 Bayswater Ave., Burlingame.
Plans by Owner. $3500

DWELLING
(3784) NO. 1741 NEWCOMB AVE. One-story and basement frame dwelling.
Owner—Joe Camilleri, 1743 Newcomb Ave., San Francisco.
Architect—None.
Contractor — Frank Sherry, 1443 McKinnon Ave., San Francisco. $2800

FRAME FLATS
(3785) W NINTH AVE 350 S Geary. Two-story and basement frame (2) flats.
Owner—Dr. F. A. Gawthorne, 708 Phelan Bldg., San Francisco.
Architect—None. $6000

GARAGE, ETC.
(3786) NO 31 PRESIDIO TERRACE. Private garage addition for residence.
Owner—Mrs. Daisy Horst, Premises.
Architect—Edward E Young, 2002 California St., San Francisco. $1000

ALTERATIONS
(3787) NO. 160-166 DORLAND. Move residence, underpin and make general repairs.
Owner—Mr. Caley, 581 Noe St., S. F.
Architect—None. $1000

CONCRETE BLDG.
(3788) NE EIGHTH AND HERON. All work for one-story reinforced concrete building.
Owner—Merton J. Price, 630 20th Ave., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco.
Filed Oct. 9, '23. Dated Oct. 5, '23.
Excavation completed and footings poured $1000
Form work completed..... 2957
Completed and accepted..... 1958
Usual 35 days..... 1970
TOTAL COST, $7885
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(7789) S McLERAN 80 E 29th Ave. 2-story and basement frame residence.
Owner—Allen B. Bertz, 168 Sutter St., San Francisco. $10,000

DWELLING
(7790) S BALBOA 82-6 W Twenty-third Ave. One-story and basement frame dwelling
Owner — F. & Y. Loftus, % Hall of Justice, San Francisco.
Architect—Griewank, Call Bldg., S. F.
Contractor—McCauley & Weber, 1153 Shotwell St., San Francisco. $4000

STORES
(7791) N GEARY 110 W Larkin. 1-sto. concrete stores.
Owner—B. Getz, 1605 Chronicle Bldg., San Francisco.
Architects & Contractors—Morrow and Garren, Chronicle Bldg., S. F. $6000

STORES
(7792) E WEST PORTAL 88 N Vicente 1-story concrete stores.
Owner—B. Getz, 1605 Chronicle Bldg., San Francisco.
Architect—Morrow and Garren, Chronicle Bldg., San Francisco.
Contractor—Morrow & Garren, Chronicle Bldg., S. F. $6000

ALTERATIONS
(7793) GEARY AND SIXTH AVE. Remove present and install new metal partitions; tile floor and plumbing for "Delivery Room."
Owner—French Hospital, Premises.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor—Alfred H. Vogt, 110 Sutter St., San Francisco. $4500

DWELLING
(7794) E TWENTY-SECOND AVE 130 S Irving. One-story and basement frame dwelling.
Owner—Theodore Veyhle, 547 Brannan St., San Francisco.
Architect—None.
Contractor—M. C. Rench, 1301 4th Ave., San Francisco. $4000

RESIDENCE
(7795) E FAXON AVE 85 N Ocean Ave N 34x100. All work for one-story and basement frame residence.
Owner—J. Rooney, 20 Hamburg St., San Francisco.
Architect—None.
Contractor—E. Wiander, 41 Coleridge St., San Francisco.
Filed Oct. 10, '23. Dated Oct. —, '23
Frame up $1539
Rough plumbing in and brown coated 1539
Completed 1539
Usual 35 days 1841
TOTAL COST, $6458
Bond, $3229. Surety, John Devine. Limit. 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(7796) E SAN LORENZO WAY 210 S Portal Drive being Lot 6 Blk 23, St. Francis Wood Extn. No. 2. All work except concrete work for two story frame residence.
Owner—Margaret E. McLaughlin, 140 Clipper St., San Francisco.
Architect—Theo. W. Lenzen, Humboldt Bank Bldg., San Francisco.
Contractor—J. Casty & Son, 180 Jessie St., San Francisco.
Filed Oct. 10, '23. Dated Sept. 24, '23.
Frame up $3977
Brown coated 2977
Completed and accepted..... 2977
Usual 35 days..... 2977
TOTAL COST, $11,908
Bond, $5954. Sureties, J. H. McCallum and Peter T. C. Wolff. Limit, 120 days. Forfeit, none. Plans and specifications filed.

STORE ROOM
(7797) SW EIGHTH 125 NW Bryant NW 50xSW 85. All work for one-story brick and frame building (store room).
Owner—Daniel Rosenblum and Victor F. Hoelscher.
Architect—David C. Coleman, 1141 Market St., San Francisco.
Contractor—M. V. Brady, Monadnock Bldg., San Francisco.
Filed Oct. 10, '23. Dated Oct. 10, '23.
On 1st and15th of each month 75%
On completion .....Balance
TOTAL COST, $12,485

Bond, $12,485. Surety, Hartford Accident & Indemnity Co Limit, 60 days Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Amount

Oct. 4, 1923—W FOURTEENTH AVE 250 N Judah N 50x W127-6. Max and Mildred A Breitman to James Arnott & Son.....Sept. 17, 1923
Oct. 4, 1923—SE EIGHTH AVE AND Kirkham 36-6x100. F Monson to whom it may concern....Oct. 4, 1923
Oct. 4, 1923—NE REVERE AVE 175 SE Keith SE 25xNE 100. Hermann and Dora M Dankwerth to T R and T L Sharman.....Sept. 13, 1923
Oct. 4, 1923—SW LINCOLN WAY & Twenty-fifth Ave W 25xS 75. Herman H Bergfeld to whom it may concern.....Sept. 25, 1923
Oct. 4, 1923—SW QUESADA AVE & NWKeith NW 50xSW 100 Ptn Lot 1 Blk 349, S S F Hd and R R Assn. Louis and Jennie Gregar to T S and T R Sharman.....Sept. 13, 1923
Oct. 4, 1923—S LOWELL 63 E Morse No. 115 Lowell. Edward Goeppner to A Tapio.....Oct. 4, 1923
Oct. 4, 1923—LOT 41 Lyon & Hoags Sub Lincoln Manor. Alton R Lapham to whom it may concern.....Oct. 1, 1923
Oct. 4, 1923—LOT 41 Lyon & Hoags Sub Lincoln Manor. Alton R Lapham to whom it may concern.....October 1, 1923
Oct. 4, 1923—NO. 64 EMBARCADERO bet. Market and Mission. Boyd Invst Co to A W Buschke and W G Brown.....Oct. 1, 1923
Oct. 4, 1923—W TWENTIETH AVE 125 S Geary S 25xW 120. Gustaf and Hulda Sandberg to whom it may concern.....Oct. 4, 1923
Oct. 4, 1923—NW SECOND AVE & Cornwell 54x85. I Epp to whom it may concern.....Oct. 1, 1923
Oct. 4, 1923—S CUMBERLAND 180 W Guerrero W 25xS 114. Thomas F Rush to O M Oyen.....Sept. 9, 1923
Oct. 5, 1923—W POND 266-6 N 17th N 25xW 90. John A and Annie Rydell to whom it may concern...—
Oct. 5, 1923—NW STEINER AND Bush N 155xW 260, Dominics Priory of S. F. to Daniel C McCabe .....Oct 5, 1923
Oct. 5, 1923—N BAY 206-3 W Franklin S 137-6 W 25 N 137-6 E 25. Chas and Rose Danza to John Harder.....Sept. 24, 1923
Oct. 5, 1923—LOTS 42 AND 43 BLK 1, Lakeview Gertrude I Overhauser to whom it may concern.....October 3, 1923
Oct. 5, 1923—NE ARMSTRONG AVE 175 NW Keith NW 50xNE 100 Ptn Lot 8 Blk 468, Bay View Hd. Assn. Edward and Marie Olivier to Edward Beatens.....Oct. 6, 1923
Oct. 5, 1923—S CALIFORNIA 120 W Sixth Ave W 30xS 100. Catherine A Gordon to Isaac Sweet.....Sept. 1 1923
Oct. 6, 1923—N FOLSOM 50 E Ninth NW 90 E 25 S 90 W 25. Morgan H Lloyd to Buschke & Brown.....Sept. 20, 1923
Oct. 6, 1923—NE SEVENTEENTH & Capp E 30xN 100. West Coast Laundry Machinery Co to Batman & Henrickson.....Sept. 26, 1923
Oct. 6, 1923—E NINTEENTH AV 200, 175 and 150 S California S 25xE 120. Max Taylor to Klaus Adler.Oct. 1, '23
Oct. 6, 1923—SE DIVISADERO AND Clay — 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8½. Sixth Church of Christ Scientist to Charles Sartorio.....Sept. 29, 1923
Oct. 6, 1923—N LOMBARD 162-9 W Larkin W 25xN 74-6. A W Brouillet to W K Irvine and Henry Jacks.....Oct. 4, 1923
Oct. 6, 1923—NO. 622 KIRKHAM. Mrs. Lecta L Kern to John W Jessiman .....Oct. 6, 1923
Oct. 6, 1923—W FIFTEENTH AVE 175, 200 and 150 S Cabrillo 25x127. Strand & Strand to whom it may concern.....Oct. 6, 1923
Oct. 8, 1923—N BRANNAN & SECOND NW 160 x SE 100. Los Angeles Soap Co. to Vukicevich & Bagge, Decker Electrical Construction Co.....Oct. 3, 1923
Oct. 8, 1923—S SUTTER 217-6 E Montgomery E 57-6 S 119-4½ m or 1 SW 71-10½ N 159-9⅞ m or 1. Provident Securities Co. to Ferderer Cornice Works....Sept. 29, 1923
Oct. 8, 1923—E BRANNAN & SECOND NW 160 x NE 100, Los Angeles Soap Co. to Otis Elevator Co..Oct. 4, 1923
Oct. 8, 1923—S ARMY 50 E HARRISON E 35 x S 100. Louis Mohler to M. C. Rench .....Oct. 6, 1923
Oct. 8, 1923—N BRANNAN & SECOND NW 160 x SE 100, Los Angeles Soap Co. to Kawneer Mfg. Co...Oct. 4, 1923
Oct. 8, 1923—E SEVENTH AVE. 150 S Judah, owner, Carl Peck to whom it may concern .....Sept. 28, 1923
Oct. 8, '23—E FORTY-EIGHTH AVE 205 S Balboa 25 x 120. H. S. Haines to whom it may concern..Oct. 5, 1923
Oct. 8, 1923—LOT 25 x 120 ON E 21st Ave. 375 S Irving. Fred Fiske to whom it may concern..Oct. 8, 1923
Oct. 8, 1923—NW HANOVER 222-6 SW Lowell SW 44-6 x NW 213 Ptn Lot 94 West End Hd Assn. Maybell Pinkerton to H. C. Pinkerton .....Oct. 5, 1923
Oct. 8, '23—LOT 19 BLK 15 AMENDed Map Ingleside Terrace. Ethel R. Johnson to Edward A. Johnson .....Oct. 6, 1923
Oct. 8, 1923—W SCOTT bet. Duboce Ave and Waller No. 27 Scott St. Mrs. Clara Harder to whom it may concern.....Oct. 8, 1923
Oct. 8, 1923—S CLEMENT 40 E 40th Ave E 50xS 100. Arthur and Barney Quinn to whom it may concern.....Oct. 8, 1923
Oct. 9, 1923—NW 16 FT. LOT 20 and SE 14 ft. Lot 21 Blk 2976, Merritt Terrace. A Christensen to whom it may concern.....Oct. 8, 1923
Oct. 9, 1923—SW SECOND AVE AND California 55x85. David Emanuel to whom it may concern..Oct. 9, 1923
Oct. 9, 1923—S FORD 100 W Sanchez W 25xS 114. Axel R Larson to Martin Borgeson .....—
Oct. 9, 1923—W TWENTY-FIRST AV 58-9 S Cabrillo S 28-9xW 95. Giuseppe Runcallo to S Lagomarsino.....October 9, 1923
Oct. 9, 1923—S McALLISTER 165 E Gough 27-6x120. E Marks to C Sartarias.....Oct. 5, 1923
Oct. 9, 1923—S FULTON 181-3 W Ashbury W 25x137-6. Dr. F A Gawthorne to whom it may concern.....Oct. 8, 1923
Oct 9. 1923—W DRUMM 45-10 S Sacramento S 22-11xW 70. The Charles Dunn Clinch Co., Inc to Buschke & Brown.....Oct. 5, 1923
Oct. 9, 1923—W NINTH AVE 175 S Geary 25x120. Robert Anderson to Otto E Anderson.....Oct. 6, 1923
Oct. 9, 1923—N WASHINGTON 137-6 W Jones W 47-4xN 137-6. Walker R Props to whom it may ocnecrn .....October 8, 1923
Oct. 10, 1923—N CALIFORNIA 95 W Twenty-first Ave W 25xN 100. Gustaf R Johnson to whom it may concern.....Oct. 10, 1923
Oct. 10, 1923—W FORTY-FIRST AVE 75 S Balboa S 50xW 120 N 25 E 37-6 N 25 E 82-6. Wilbert C Edwards to Meyer Bros.....Oct. 10, 1923
Oct. 10, 1923—W WOOD 296-8 N Geary 25-3x120. Albert P Bennett to whom it may concern.Oct. 10, 1923
Oct. 10, 1923—W SANSOME 46-10⅞ m or 1 N Sutter N 91-6xW 122-9. The Anglo & London Paris Nat'l. Bank to California Artistic Metal & Wire Co.....Oct. 2, 1923
Oct. 10, 1923—N McALLISTER 57-6 E Central Ave E 80 N 137-6 W 55 S 60-1 W 25 S 77-5. Jos Pasqualetti to whom it may concern.Oct. —, 1923
Oct. 10, 1923—SE SUTTER & TAYlor E 45-10xS 81-8. J S Morgan & Sons to The Butte Elec Equipment Co .....—
Oct. 10, 1923—NE FULTON AND Second Ave No. 2550 Fulton. A C Hamerton to Edward C Counter.. .....Oct. 10, 1923
Oct. 10, 1923—SE GEARY AND Forty-fourth Ave No. 7944 Geary. Wm Schirmer to David Nordstrom .....Oct. 1, 1923
Oct. 10, 1923—S CHESTNUT 192-6 E Webster E 27-6x120. Alessandro Piazzo to Kincanon & Perego.....October 9, 1923
Oct. 10, 1923—E STANYAN 25 N Rivoli N 25xE 100. Geo E Chamberlain to whom it may concern.. .....Oct. 5, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Oct. 4, 1923—SE PACIFIC AND Taylor S 30xE 90. Bertha Gottlieb Extrx Est Paul Gottlieb dec'd (as Schwarz & Gottlieb) vs Luis Blum $338.37

Oct. 5, 1923—N SUTTER 115-6¼ W Webster W 21-11¾xS 137-6. P A Smith Co vs Anna W Halloran and M G Bugbee.....$205

Oct. 5, 1923—NW VAN NESS AVE and Bush — 60xW 100. Rip Van Winkle Wall Bed Co vs Thomas J Pearce, A L Stone and P E Blalack $462

Oct. 5, 1923—E TWENTY-SEVENTH Ave 175 N Geary N 25xE 127-6. Schwarz & Gottlieb vs Carl A Schneider $204.66

Oct. 9, 1923—NW VAN NESS AVE & Bush N 60xW 100. Pope & Talbot vs P E Blalach and A L Stone.. .....$159,15

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Oct. 9, 1923—S CLEMENT 82-6 W Ninth Ave W 52-6xS 100. Morris Rubin to Philip Schwerdt and Bertha W Luther.....$144

Oct. 9, 1923—N EIGHTH AND Clementina NW 34 NE 31 NW 21 NE 9 NW 9-8 NE 81 SE 64-8 SW 121. Mollie Beck Extrx Est Joseph Beck, dec'd to Bothin Real Estate Co and Phillip W Tobias.....$203.50

Oct. 10, 1923—N GROVE 215-6 W Franklin W 32 N 68-9 W 27-6 N 68-9 E 59-6 S 137-6. A Ramazzotti to G and Mary Demaestri and E K Nelson $1033.15

ARCHITECT'S CERTIFICATE

SAN FRANCISCO COUNTY

Oct. 9, 1923—Julius E. Krafft has filed his certificate of architecture for San Francisco County.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4610	Kennedy	Owner	2750
4611	Morgan	Porter	2500
4612	Collins	Long	3000
4613	Lesser	Lang	6850
4614	Hynes	Malle	1600
4615	Westlund	Westlund	9000
4616	Peppin	Peppin	11200
4617	Macombor	Myers	7000
4618	Dolan	Dolan	5800
4619	Rue	Owner	5500
4620	Flashman	Allen	7500
4621	Brown	Silva	5250
4622	Glunk	Boddeker	9000
4623	P G & E	Pedgrift	1000
4624	Lowe	Constable	4000
4625	Kragen	Bertoldi	6500
4626	Bldrs & Owners	Owner	3000
4627	Grunewald	Owner	2950
4628	Dias	Dutra	3000
4629	Squires	Herrod	1000
4630	Bean	Owner	2000
4631	Davidson	Owner	2000
4632	Reese	Costa	2800
4633	Lawrence	Costa	3100
4634	Warner	Owner	8000
4635	Lesser Bros.	Kulchar	30000
4636	Busse	Owner	2000
4637	Bishop	Owner	3000
4638	Crane	Owner	8000
4639	Mercantile Trust	Collupy	25000
4640	Day	Teicheira	2950
4641	Hicks	Owner	2000
4642	Goyette	Franks	7600
4643	McGuinness	Owner	5000
4644	Le Voie	Owner	2000
4645	Horton	Griffith	1250
4646	Pratt	Owner	2200
4647	Chesney	Owner	2000
4648	Ledgel	Stewart	6500
4649	Exstram	Lindquist	2500
4650	Gladding	Owner	4500
4651	Tabler	Owner	2500
4652	Isaakson	Owner	1000
4653	Wilson	Owner	5000
4654	Cohen	Dowell	7000
4655	Cornwall	Van Ness	2000
4656	Fruitvale	Cuthberton	16000
4657	Tucker	Rich	21968
4658	Post Eng.	Kennedy	30000
4659	Mercantile	Nelson	11150
4660	Meadows	Bulzke	6750
4661	Becker	Perry	4000
4662	Clausen	Owner	4700
4663	Hidden	Jordan	5000
4664	Dramond	Potter	1600
4665	Yares	Owner	4500
4666	Weeks	Owner	4000
4667	Aissa	Owner	1000
4668	Bowen	Owner	1500
4669	Tibbets	Short	6800
4670	Manaugh	Owner	3500
4671	Gile	Owner	3150
4672	Weeks	Long	6500
4673	Marquis	Owner.	3000
4674	Dightman	Weston	5800
4675	Bragdon	Owner	3500
4676	Wilson	Shalding	6000
4677	Brown	Owner	30000
4678	Mitchell	Lindquist	4000
4679	Denberg	Cullough	8000
4680	Shabell	Lyon	3000
4681	Sonedman	Watlin	5200
4682	Ide	Owen	4500
4683	Sans	Owner	1250
4684	Swafford	Knight	11000
4685	Hidden	Jordan	6000
4686	Alpha	Owner	30000
4687	Van Veenten	Dasent	1500
4688	Weeks	Owner	6000
4689	Grebs	Gossell	1500
4690	Hamilton	Owner	3500
4691	Marquis	Owner	6000
4692	Button	Owner	5500
4693	Matteson	Owner	4000
4694	McDaniels	Fields	8000
4695	Bennett	Wolbold	5000
4696	Antio	Owner	2800
4697	Murphy	Norgrove	5430
4698	Leononi	Wells	5300
4699	Comper	Barnes	2000
4700	Boil	Tell	3825
4701	Sims	Owner	3000
4702	Krieger	Sims	3000
4703	Clark	Owner	3500
4704	Donovan	Mohr	24000
4705	Bowers	Frederick	4000
4706	Brown	Kahn	30000
4707	Marquis	Owner	3200
4708	Runnels	Owner	7000
4709	Buongiovanni	Tomasetto	1900
4710	Hale	Owner	1000
4711	Kanoff	Carlson	3500
4712	Robertson	Owner	3500
4713	Morris	Thorp	4748
4714	Dexter	Fish	4250
4715	Metzger	Fish	6500
4716	Muller	Fish	1240
4717	Driscoll	Kochendorfer	4000
4718	Bolger	Owner	4000
4719	Alameda Inv. Co.	Owner	2750
4720	Same	Same	2750
4721	Same	Same	7250
4722	Carraciola	Calif	1000
4723	Rabmowitz	Oitzou	4200
4724	Alameda	Maurice	10500
4725	Dietle	Metz	1240
4726	O'Neil	Johnson	5500
4727	Watrous	Wooley	4500
4728	Harding	Clarke	3000
4729	Wegner	Owner	3800
4730	Jennings	Warner	1500
4731	Stenay	Tollefsen	3600
4732	Bangs	Owner	2000
4733	Gorodetsky	Pearson	2000
4734	Miller	King	3000
4735	Jensen	Short	43440
4736	Trimble	Merritt	4000
4737	Murphy	Norgrave	5430
4738	Moulin	Pasqualetti	60000

DWELLING
(4610) 1519 STUART ST., Berkeley. 1-story 5-room dwelling.
Owner—Kennedy & Hughson, 2801 California St., Berkeley.
Architect—None. $2750

FIRE REPAIRS
(4611) 1639 LA LOMA, Berkeley. Fire repairs.
Owner—William S. Morgan, premises.
Architect—None.
Contractor—H. H. Porter, Berkeley. $2500

DWELLING
(4612) 1325 BLAKE ST., Berkeley. 1-story 5-room dwelling.
Owner—A. N. Collins.
Architect—None.
Contractor—Roy O. Long Co. 2114 Shattuck Ave., Berkeley. $3000

DWELLING
(4613) 1992 LOS ANGELES, Berkeley. 1-story 6-room dwelling.
Owner—Miss L. Lesser and Mrs. H. Hayman.
Architect—None.
Contractor—Roy O. Long Co. 2114 Shattuck Ave., Berkeley. $68

RESIDENCE
(4614) 30 CROCKER AVE., Piedmo 2-story 9-room residence.
Owner—W. H. L. Hynes, Bank of Ita Bldg., Oakland.
Architect—None.
Contractor — F. J. Malley, 900 La Shore, Oakland. $16,0

RESIDENCE
(4615) 795 HIGHLAND AVE, Pie mont. 2-story 7-room residence a garage.
Owner—E. C. Westlund, 2711 10th Av Oakland.
Architect—None.
Contractor—F. J. Westlund, 2711 1 Ave., Oakland. $9

RESIDENCE
(4616) 558 & 564 BOULEVARD WA Oakland. 2 2-story 7-room re dences and garages.
Owner—J. B. Peppin, 851 Trestle Gl Oakland.
Architect—None. $5600 ea

RESIDENCE
(4617) 73 MANOR DRIVE, Oakla 1½-story 7-room residence and rage.
Owner—F. B. Macombor, Lake Sho Blvd., Oakland.
Architect—None.
Contractor—W. M. Myers, 111 Ramo Ave., Piedmont. $7

RESIDENCE
(4618) 80 WILDWOOD AVE., Pie mont. 1-story 6-room residence garage.
Owner—L. J. Dolan, 400 Syndicate Bl Oakland.
Architect—None. $5

RESIDENCE
(4619) 1158 WINSOR AVE., Piedmo 1-story 6-room residence and rage.
Owner—Frank Rue, 703 Syndicate Bl Oakland.
Architect—None. $5

RESIDENCE
(4620) 339 SAN CARLOS AVE., Pie mont. 1-story 6-room residence a garage.
Owner—F. Flashman, 4041 Gilbert Oakland.
Architect—None.
Contractor—M. Allen, 346 Walswo Ave., Oakland. $7

RESIDENCE
(4621) 26 FAIRVIEW AVE, Piedmo 1-story 6-room residence and rage.
Owner—W. G. Brown and M. H. Bro 2931 E-17th St., Oakland.
Architect—None.
Contractor—J. Silva & Son, 1377 H kins St., Oakland. $5

RESIDENCE
(4622) 137 CAPERTON AVE., Oa land. 2-story 6-room residence garage.
Owner—Frank J. Glunk, 535 Curtis Oakland.
Architect—None.
Contractor—Jas. Boddeken, 1814 3 Ave., Oakland. $9

ALTERATIONS
(4623) SE COR. SECOND & WAS ington Sts., Oakland. Alteratio
Owner—Pac. Gas & Elec. Co., 16th Clay Sts., Oakland.
Architect—None.
Contractor—J. H. Pedgrift, 4110 Ed Oakland. $1

STORES
(4624) NE COR. SCHOOL & LAURI Oakland. 1-story stores.
Owner—Mrs. J. Lowe.
Architect—None.
Contractor — W. C. Constable, 3 School St., Oakland. $4

DWELLING
(4625) W SANTA CLARA AVE. 15 Perry. Oakland. 1-story 6-ro dwelling.
Owner—E. E. Kragen.
Architect—None.
Contractor—J. Bertoldi, 5628 Vicente Oakland. $6

DWELLING
(4626) 2839 BROOKDALE AVE., Oakland. 1-story 6-room dwelling.
Owner—Builders & Owners Inv. Co., 3940 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(4627) 5358 BRYANT, Oakland. 1-sto. 5-room dwelling.
Owner—F. Grunewald, 5405 Bryant Av. Oakland.
Architect—None. $2950

DWELLING
(4628) W SEVENTY-FOURTH AVE. 1000 N E-14th St., Oakland. 1-sto. 5-room dwelling.
Owner—Maria Dias, 1821 74th Ave., Oakland.
Architect—None.
Contractor—A. V. Dutra, 962 55th St., Oakland. $3000

GARAGE
(4629) 1930 FILBERT ST., Oakland. 1-story tile garage.
Owner—Carrie A. Squires.
Architect—None.
Contractor—Tom Herrod. $1000

DWELLING
(4630) N PENNIMAN AVE. 318 W High St., Oakland. 1-story 4-room dwelling.
Owner—Ellen Bean, 4118 Penniman Av. Oakland.
Architect—None. $2000

ADDITION
(4631) N NAOMI WAY 100 E 69th Ave Oakland. 3-room addition.
Owner—A. E. Davidson, premises.
Architect—None. $2000

DWELLING
(4632) 1001 SEVENTY-FIRST AVE., Oakland. 1-story 4-room dwelling.
Owner—Seward G. Reese, 71st Ave. and Spencer St., Oakland.
Architect—None.
Contractor—N. Costa, 1061 71st Ave., Oakland. $2800

DWELLING
(4633) 2243 SIXTY-FOURTH AVE., Oakland. 1-story 4-room dwelling.
Owner—John Lawrence.
Architect—None.
Contractor—Manuel Costa, 1061 71st Ave., Oakland. $3100

STORES
(4634) W THIRTY-EIGHTH AVE 125 N Penniman, Oakland. 1-story 4-room stores.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. $8000

ALTERATIONS
(4635) 1215 WASHINGTON ST., Oakland. Alterations.
Owner—Lesser Bros.
Architect—None.
Contractor—S. Kulchar Co., 8th Ave. & E-10th St., Oakland. $30,000

DWELLING
(4336) W EIGHTY-EIGHTH AVE. 50 S Olive St., Oakland. 1-story 4-rm. dwelling.
Owner—W. J. Busse, 3326 Maple Ave., Oakland.
Architect—None. $2000

DWELLING
(4637) 1508 LA LOMA, Berkeley. 1-story 5-room dwelling.
Owner—Tyndall Bishop.
Architect—None. $3000

DWELLING
(4638) 2695 CEDAR, Berkeley. 2-story 8-room dwelling.
Owner—C. B. Crane, 1759 Tacoma, Berkeley.
Architect—None. $8000

STORE
(4639) 2241 TELEGRAPH, Berkeley. 1-story class C store.
Owner—Mercantile Trust Co., Shattuck and Center, Berkeley.
Architect — James W. Plachek, 2014 Shattuck Ave., Berkeley.
Superintendent — C. R. Collupy, 464 California St., S. F. $2500

DWELLING
(4640) 536 COLUSA, Berkeley. 1-sto. 4-room dwelling.
Owner — W. E. Day, 2526 Grove St., Berkeley.
Architect—None.
Contractor — E. Teicheira, 2315 Edwards St., Berkeley. $2950

DWELLING
(1641) 1250 HASKELL, Berkeley. 1-story 4-room dwelling.
Owner — A. L. Hicks, 1218 Haskell, Berkeley.
Architect—None. $2000

DWELLING
(4642) 1411-13 CALIFORNIA, Berkeley. 1-story 8-room 2-family dwlg.
Owner—Mrs. J. Goyette, 1417 California Berkeley.
Architect—None.
Contractor—P. H. Franks, 2839 Ellsworth, Berkeley. $7600

DWELLINGS
(4643) 1505 & 1507 TYLER, Berkeley. 2 1-story 5-room dwellings.
Owner—James McGuinness, 594 63rd St., Oakland.
Architect—None. $2500 each

DWELLING
(4644) N PORTER 20 LOMA VISTA, Oakland. 1-story 5-room dwelling
Owner—P. E. Le Voie, 3351 Abbey St., Oakland.
Architect—None. $2000

DWELLING
(4645) E EIGHTY-SECOND AVE. 1240 N Halby St., Oakland. 1-story 3-room dwelling.
Owner—F. J. Horton.
Architect—None.
Contractor—Griffith & Nickerson, 1326 96th Ave., Oakland. $1250

DWELLING
(4646) W EIGHTH AVE. 500 N E-14th St., Oakland. 1-story 4-room dwlg.
Owner—C. A. Pratt, 1309 Myrtle St., Oakland.
Architect—None. $2200

DWELLING
(4647) S THERMAL 200 E 90th Ave., Oakland. 1-story 5-room dwelling.
Owner—A. C. Chesney, 3316 E-12th St., Oakland.
Architect—None. $2000

WAREHOUSE
(4648) NE COR. TWENTIETH AND Peralta Sts., Oakland. 1-story brick warehouse.
Owner—J. W. Ledgell, 107 Wildwood Ave., Oakland.
Architect—None.
Contractor—B. A. Stewart, 668 Brookwood, Oakland. $6500

DWELLING
(4649) 2606 & 2600 SIXTY-THIRD AV. Oakland. 1-story 4-room dwelling.
Owner—Nels J. Exstram, 1586 Pac. Ave Alameda.
Architect—None.
Contractor—Chas. W. Lindquist, 6006 Holway, Oakland. $2500

DWELLING
(4650) 657 ALCATRAZ AVE., Oakland 1-story 6-room dwelling.
Owner—James F. Gladding, 603 Alcatraz Ave., Oakland.
Architect—None. $4500

Diamonds—

Every One Blue-White

This firm handles only brilliant, flashing blue-white stones—the finest obtainable.

Liberal terms extended to persons permanently established and with a good reputation for paying their bills.

The Albert S. Samuels Co. JEWELERS

33 Kearny 895 Market

DWELLING
(4651) N AQUARIAN WAY 160 W Bdwy Terrace, Oakland. 1-story 5-room dwelling.
Owner—F. O. Tabler, premises.
Architect—None. $2500

ADDITION
(4652) NE COR. SEVENTY-FIRST Ave. and Hamilton, Oakland. Addition.
Owner—E. Isaakson, 1200 71st Ave., Oakland.
Architect—None. $1000

DWELLING
(4653) E MADERA AVE. 86 S Fleming Ave., Oakland. 1-story 6-room dwelling.
Owner—W. B. Wilson, 2440 Damuth St. Oakland.
Architect—None. $5000

DWELLING
(4654) 1724 FIFTY-FIFTH AVE. Oakland. 1-story 10-room 2-family dwelling.
Owner—Rose Cohen, 55th Ave. and Vista St., Oakland.
Architect—None.
Contractor — Samuel McDowell, 3539 Mangels Ave., Oakland. $7000

DWELLING
(4655) N WISCONSIN ST. 132 E35th Ave., Oakland. 1-sto 3-rm dwelling
Owner—A. F. Cornwall, R. F. D. No. 1 Oakland.
Architect—None.
Contractor—L. E. Van Ness, 2536 Hopkins St., Oakland. $2000

CHURCH
(4656) NE COR FRUITVALE AVE. & E-17th St., Oakland. 1-story church
Owner — Fruitvale Christian Church, premises.
Architect—None.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., S. F. $16,000

STORES
(4657) SE COR. SIXTEENTH AND Jefferson Sts., Oakland. 1-story brick stores.
Owner—A. J. Tucker, 1682 Grand Ave., Piedmont.
Architect—None.
Contractor—James L. Rich, 7431 Hillgirt Circle, Oakland. $21,968

ADD & ALTER
(4658) W FRANKLIN 250 N 17th St., Oakland. 1-story conc. add. and alt.
Owner—Post Enquirer Pub. Co., 16th and San Pablo, Oakland.
Architect—None.
Contractor—F. T. Kennedy, 434 9th St., Oakland. $30,000

EXCAVATION, ETC.
(4659) E TELEGRAPH AVE. 120 N Bancroft Way N 35 E 120, Berkeley.
Excavating, grading, concrete work and reinforced steel for 1-story concrete store.
Owner—Mercantile Trust Co.
Architect—James W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—F. E. Nelson, 3090 King St., Berkeley.
Filed Oct. 5, 1923. Dated Oct. 2, 1923.
Monthly 75%
36 days after com & accepted ..25%
TOTAL COST, $11,150
Bond, Sureties, Forfeit. Limit none; Specifications and Plans filed.

DWELLING
(4660) LOT 11 BLK B GOLDEN GATE Homestead Tract, Berkeley.
One-story frame dwelling.
Owner—Lorena Meadows.
Architect—None.
Contractor—O. H. Butzke, 1315 66th St., Berkeley.
Filed Oct. 5, 1923. Dated Oct. 4, 1923.
Frame up .....¼
Enclosed .....¼
Completed & accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6,750
Bond $3,400; Sureties, Mrs. L. G. Poole & Ed. Moffit; Forfeit $2.00 per day; Limit Dec. 25; Plans and Specifications filed.

DWELLING
(4661) NO. 4658 PARK BLVD., Oakland. One-story 6-room dwelling.
Owner—E. J. Becker.
Architect—None.
Contractar—J. F. Perry , 376 Sanea Clara Ave., Oakland. $4000

DWELLING
(4662) NO. 1984 STEINWAY AVE., Oakland. One-story 5-room dwlg.
Owner—Fred Clausen, 1506 28th Ave., Oakland.
Architect—None. $4700

DWELLING
(4663) S WINSOR AVE 485 E Warfield Ave. Oakland. One and one-half-story 6-room dwelling.
Owner—R. Hidden, 630 Jones St., San Francisco.
Architect—None.
Contractor—M. Jordan, 5844 Broadway Oakland. $5000

ALTERATIONS
(4664) NO. 2607 FOURTEENTH AVE., Oakland. Alterations.
Owner—L. Dramond, Premises.
Architect—None.
Contractor—Geo. R. Potter, 19 Randwick Ave., Oakland. $1600

DWELLING
(4665) NE EIGHTY-FOURTH AVE & Holly St., Oakland. One-story 6-room dwelling.
Owner—Joe Vares, 1457 85th Ave., Okd.
Architect—None. $4500

DWELLING
(4666) N E-SEVENTEENTH 85 E 4th Ave., Oakland. One-story 5-room dwelling.
Owner—E. W. Weeks, 634 E-17th St., Oakland.
Architect—None. $4000

DWELLING
(4667) NO. 963 APGAR ST., Oakland. Two-story 3-room dwelling.
Owner—S. Aissa, Premises. $1000

DWELLING
(4668) N SCOTT 450 E Jones Ave., Oakland. One-story 5-room dwlg.
Owner—C. R. Bowen, 9848 Scott St., Oakland.
Architect—None. $1500

DWELLING
(4669) NO. 732 McKINLEY AVE., Oakland. One-story 6-room dwelling.
Owner—H. C. Tibbets.
Architect—None.
Contractor — C. W. Short, 574 Rosal Ave., Oakyand. $6800

DWELLING
(4670) NO. 1641 VIRGINIA, Berkeley. One-story 5-room dwelling.
Owner—B. Manaugh, 1383 Rose St., Berkeley.
Architect—None. $3500

DWELLING
(4671) NO. 1212 BANCROFT, Berkeley One-story 5-room dwelling.
Owner — R. S. and L. E. Gile, 1219 Bancroft, Berkeley.
Architect—None. $3150

DWELLING
(3172) NO. 1581 LE ROY, Berkeley. Dwelling.
Owner—N. S. Weeks, 2029 Durant St., Berkeley.
Architect—None.
Contractor — Roy O. Long Co., 2114 Shattuck Ave., Berkeley. $6500

DWELLING
(4673) NO. 1438 EDITH ST., Berkeley One-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000

DWELLING
(4674) NO. 1128 SUTTER ST., Berkeley. One-story 5-room dwelling.
Owner—Mrs. E. Dightman, 1436 Josephine St., Berkeley.
Architect—None.
Contractor — John O. Weston, 1731 Dwight Way, Berkeley. $5800

MFG. PLANT
(4675) NO. 1335 HEARST AVE., Btrkeley. One-story steel and frame mfg. plant.
Owner—C. R. Thomas, 1605 Rose St., Berkeley, and W. V. Bragdon, 3069 Bateman St., Berkeley.
Architect—None. $3500

DWELLING
(4676) NO. 2809 BUENA VISTA WAY, Berkeley. Two-story 9-room dwlg.
Owner—Ben F. Wilson, Premises.
Architect—None.
Contractor—W. C. Spalding, 1337 Grant St., Berkeley. $6000

APARTMENTS
(4677) W MARKET ST. 140 S 16th St., Oakland. 2-story 36-room apts.
Owner—Solomon Brown, 636 Broadway Oakland.
Architect—None. $30,000

DWELLINGS
(4678) 1666 & 1770 EIGHTY-FIRST Ave., Oakland. 2 1-story 4-room dwellings.
Owner—W. T. Mitchell, 2325 Park Blvd Oakland.
Architect—None.
Contractor—C. W. Lindquist, 6006 Holway, Oakland. $2000 ea

DWELLING
(4679) 1019 BELLA VISTA AVE, Oakland. 1-story 6-room dwelling.
Owner—C. A. W. Deuberg, 4285 Gilbert St., Oakland.
Architect—None.
Contractor—H. McCullough, 641 Allston Way, Berkeley. $8000

DWELLING
(4680) N OUTLOOK 150 E 64th Ave., Oakland. 1-story 4-room dwelling.
Owner—M. Shabell.
Architect—None.
Contractor—Chas. D. Lyon. $3000

DWELLING
(4681) NW COR. FORTY-FIRST AND E-18th St., Oakland. 1-story 8-rm. 2-family dwelling.
Owner—Anna Sonedman, 1817 41st Ave. Oakland.
Architect—None.
Contractor—Peter Watlin, 4628 Dolores Ave., Oakland. $5200

DWELLING
(4682) N LAVERNE ST. 36 W Foothill Blvd., Oakland. 1-story 5-room dwelling.
Owner—W. G. Ide, 3332 64th Ave., Oakland.
Architect—None.
Contractor—W. K. Owen, 852 36th St., Oakland. $4500

DWELLING
(4683) W DAVENPORT ST. 401 N Glen Road, Oakland. 1-story 4-rm. dwelling.
Owner—Hans Sans.
Architect—None. $1250

DWELLINGS
(4684) 1707 1707A 1711 & 1711A LINCOLN St., being Lots 8 & 9 Blk B Edith Tct. Berkeley. All work for 4 1-story dwellings.
Owner — Charles C. Swafford, 2835 Grove St., Berkeley.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Oct. 8, 1923. Dated Sept. 26, 1923.
Roofs on $2500
Brown coated 3000
Int. trim in place 2500
Completed and accepted 2500
Note for 500
TOTAL COST, $11,000
Bond, Sureties, Forfeit, none; Limit, 90 days after mudsills laid; Plans and specifications filed.

DWELLING
(4685) PTN LOTS 24 & 25 BLK D Map Piedmont Knoll, Oakland. 1-story 6-room dwelling and garage.
Owner—Reginald E. Hidden.
Architect—None.
Contractor—Mac Jordan, 5844 Broadway, Oakland.
Filed Oct. 8, 1923. Dated Sept. 15, 1923.
Roof on .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6000
Bond, Sureties, Forfeit, none; Limit, 90 days from Sept. 20; Plans and specifications filed.

SORITY HOUSE
(4686) NO. 2724 CHANNING WAY, Berkeley. Two-story 22-room sority house.
Owner—Alpha Gamma, 2647 Regent St., Berkeley.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—Not Decided. $30,000

ADDITION
(3687) NO. 773 VICENT, Berkeley. Addition.
Owner—A. Van Veenten, Premises.
Architect—None.
Contractor—Joe Daseni, 5675 Raymond St., Oakland. $1500

DWELLING
(4688) NO. 1504 LE ROY AVE., Berkeley. One-story 6-room dwlg.
Owner—David Weeks, 903 Nielson St., Berkeley.
Architect—None. $6000

GARAGE
(4689) NO. 1212 TAMALPAIS, Berkeley Garage.
Owner—E. J. Grebs, Premises.
Architect—None.
Contractor—L. H. Bossell, 1817 Francisco St., Berkeley. $1500

DWELLING
(4690) NO. 603 COLUSA, Berkeley. One and one-half-story 6-room dwelling.
Owner—M. P. Hamilton, 825 Santa Fe Ave., Berkeley.
Architect—None. $3500

DWELLINGS
(4691) NO. 1640 HOPKINS AND NO. 1309 Carlotta St., Berkeley. Two one-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000 each

DWELLING
(4692) NO. 816 COLUSA, Berkeley. One-story 6-room dwelling.
Owner—L. W. Button, 347 63rd St., Oakland.
Architect—None. $5500

DWELLING
(3693) NO. 1725 BEVERLY ST., Berkeley. Two-story 6-room dwlg.
Owner—Berdette Matteson, 2202 McKinley St., Berkeley.
Architect—None. $4000

DWELLING
(4694) — SAN LUIS ROAD, Berkeley. Two-story 7-room dwelling.
Owner—C. A. McDaniels.
Architect—B. E. Remnel.
Contractor—W. B. Fields, 3866 14th Ave., Oakland. $8000

DWELLING
(4695) NO. 1738 WALNUT ST., Berkeley. Two-story 6-room dwelling
Owner—P. Bennett.
Architect—None.
Contractor—J. H. Wolbold, 2115 Center St., Berkeley. $5000

DWELLING
(4696) NO. 2409 BROWNING ST., Berkeley. One-story 4-room dwlg.
Owner—J. Autio, 2318 10th St., Berkeley.
Architect—None. $2800

DWELLING
(4697) NO. 2025 MARIN ST., Berkeley. One-story 6-room dwelling.
Owner—Leo O. Murphy, 791 Vincente St., Berkeley.
Architect—None.
Contractor—C. M. Norgrove, 2220 Roosevelt St., Berkeley. $5430

DWELLING
(4698) N E-SIXTEENTH ST. 44 W 33rd Ave., Oakland. 1-story 6-room dwelling.
Owner—Rose Helen Leononi.
Architect—None.
Contractor—F. P. Wells, 4034 Porter St., Oakland. $5300

GARAGE
(4699) 556 TWENTY-NINTH ST, Oakland. 1-story tile garage.
Owner—H. Comper, Athol & Excelsior, Oakland.
Architect—None.
Contractor—Barnes & Place, 310 Fairmount Ave., Oakland. $2000

DWELLING
(4700) E SIXTY-SEVENTH AVE. 400 S Arthur St., Oakland. 1-story 5-room dwelling.
Owner—A. Du Boie 1425 54th Ave, Oakland.
Architect—None.
Contractor—James & Tell, 3889 Brown Ave., Oakland. $3825

DWELLING
(4701) 1542 EIGHTIETH AVE., Oakland. 1-story 5-room dwelling.
Owner—Wm. H. Sims.
Architect—None. $3000

DWELLING
(4702) 2120 HAVENSCOURT BLVD., Oakland. 1-story 5-room dwelling.
Owner—F. J. Kreiger.
Architect—None.
Contractor—Wm. H. Sims, 1940 42nd Ave., Oakland. $3000

DWELLING
(4703) N FLORIDA ST. 220 W Maple Ave., Oakland. 1-story 5-room dwlg
Owner—Alder & Clark, 2909 Florida St., Oakland.
Architect—None. $3500

DWELLINGS
(4704) 541 547 553 559 565 511 ALCAtraz Ave., Oakland. 6 1-story 6-rm. dwellings.
Owner—Don Donovan, 6350 Racine St., Oakland.
Architect—None.
Contractor—C. D. Mohr, 530 66th St., Oakland. $4000 ea

DWELLING
(4605) W CONGRESS AVE. 190 S Montecello Ave., Oakland. 1-story 5-room dwelling.
Owner—Mrs. E. Bowers, 714 16th Ave., San Francisco.
Architect—None.
Contractor — F. Frederick, 5009 Congress Ave., Oakland. $4000

APARTMENTS
(4706) W MARKET ST. 136-6 S 16th St. S 50 W 250, Oakland. All work for 2-story apartments.
Owner—Solomon Brown and wife, 1324 Myrtle St., Oakland.
Architect—Roy Bancroft and Harvey Slocombe, St. Marks Hotel, Oakland.
Contractor—Joseph Kann 4000 Linwood St., Oakland.
Filed Oct. 9, 1923. Dated Sept. 3, 1923. When due .....
TOTAL COST, $30,000
Bond, Sureties. Forfeit, none; Limit, 120 days; Plans and specifications filed.

DWELLING
(4707) 1282 OXFORD, Berkeley. 1-sto. 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Berkeley.
Architect—None. $3200

DWELLING
(4708) 2515 MARIN, Berkeley. 1-story 6-room dwelling.
Owner—Oscar I. Runnels, 2133 University Ave., Berkeley.
Architect—None. $7000

DWELLING
(4709) 2825 NINTH ST., Berkeley. 1-story 4-room dwelling.
Owner—P. Buongiovanni, 2827 9th St., Berkeley.
Architect—None.
Contractor—F. Tomasetto, 2314½ 8th St., Berkeley. $1900

ALTERATION
(4710) 3016 GROVE ST., Berkeley. Alteration.
Owner—J. R. Hale, 1882 Harmon St., Berkeley.
Architect—None. $1000

DWELLING
(4711) 1345 SIXTY-SIXTH ST., Berkeley. 1-story 6-room dwelling.
Owner — M. Kanoff, 2018 Union St., Berkeley.
Architect—None.
Contractor—H. Carlson, 2874 Morcom Ave., Berkeley. $3500

DWELLING
(4712) 2843 VAN BUREN, Alameda. 1-story 5-room dwelling.
Owner—A. J. Robertson, 403 Marion Court, Alameda.
Architect—None. $3500

ADDITION
(4713) 922 PARU ST., Alameda. Addition.
Owner—Mrs. D. Morris, premises.
Architect—None.
Contractor—V. E. Thorp, 1718 Alameda Ave., Alameda. $4748

DWELLING
(4714) 1718 SAN ANTONIO, Alameda. 1-story 6-room dwelling.
Owner—A. L. Dexter, 2120 Central Ave. Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $4250

DWELLING
(4715) 2004 CENTRAL AVE, Alameda. 1-story 7-room dwelling.
Owner—A. Metzger, 2264 Central Ave., Alameda.
Architect—None.
Contractor—M. H. Fish, 2264 Central Ave., Alameda. $6500

ADDITION
(4716) 1301 SHERMAN ST., Alameda. Addition.
Owner—Mrs. Muller.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $1240

DWELLING
(4717) W HAWTHORNE 169 S San Antonio, Alameda. 1-story 5-room dwelling.
Owner—Irene Driscoll, 1752 Hayes St., San Francisco.
Architect—None.
Contractor—Leo T. Kochendorfer, 2204 Lincoln Ave., Alameda. $4000

DWELLING
(4718) 3215 FERNSIDE, Alameda. 1-story 5-room dwelling.
Owner — Thos. P. Bolger, 1260 103rd Ave., Alameda.
Architect—None. $4000

DWELLING
(4719) SE COR. MADELINE & MAple, Oakland. 1-story 5-room dwlg.
Owner — Alameda Inv. Co., Syndicate Bldg., Oakland.
Architect—None. $2750

DWELLING
(4720) N ARIZONA ST. 62 E Laurel Ave., Oakland. 1-story 5-room dwlg.
Owner — Alameda Inv. Co., Syndicate Bldg., Oakland.
Architect—None. $2750

DWELLING
(4721) N CALIFORNIA ST. 50 W Laurel Ave., Oakland. 3 1-story 5-room dwellings.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None. $2750 each

ALTER & ADDITION
(4722) 1020 EIGHTH ST., Oakland. Alter and addition.
Owner—Frank Carraciola, premises.
Architect—None.
Contractor—Calif. Builders Co., 1534 Franklin St., Oakland. $1000

STORE
(4723) E SAN PABLO 70 S 25th St., Oakland. 1-story tile store.
Owner—J. Rabinowitz, 2601 Park Blvd., Oakland.
Architect—C. N. Burrell.
Contractor—A. Ortzon, 3929 West St., Oakland. $4200

DETENTION HOME
(4724) N EIGHTEENTH ST. 100 E Poplar St., Oakland. 2-story 12-rm. concrete detention home.
Owner—Alameda County.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—F. W. Maurice, 1362 E-25th St., Oakland. $105,000

OVEN
(4725) 2708 FRUITVALE AVE., Oakland. Brick oven.
Owner—W. O. Dietle, 2424 23rd Ave., Oakland.

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Architect—None.
Contractor — Paul Metz, 855 44th St., Oakland. $1240

DWELLING
(4726) 1081-83 FIFTY-SEVENTH ST., Oakland. 1-story 6-room 2-family dwelling.
Owner—Wm. O'Neil.
Architect—None.
Contractor—H. E. Johnson, San Leandro. $5500

DWELLING
(4727) S ALMA 60 W Chatham Road, Oakland. 2-story 6-room dwelling.
Owner — W. H. Watrous, 315 Newton Ave., Oakland.
Architect—None.
Contractor—B. F. Wooley, 707 Adams St., Albany. $4500

DWELLING
(4728) 2562 THIRTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—G. H. S. Harding, 2762 Derby St., Oakland.
Architect—None.
Contractor—N. B. Clarke & Co., 3242 14th St., Oakland. $3000

DWELLING
(4729) 2323 DURANT AVE., Oakland. 1-story 5-room dwelling.
Owner—Arie G. Wegner, premises.
Architect—None. $3800

STORES
(4730) N E-FOURTEENTH ST. 50 E Seminary Ave., Oakland. 1-story 2-room stores.
Owner—W. W. Jennings, 4100 E-14th St., Oakland.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland Ave., Oakland. $1500

DWELLING
(4731) W SIXTY-SEVENTH AVE. 35 S Avenal, Oakland. 1-story 5-room dwelling.
Owner—Mrs. C. Stenay, 1949 Franklin St., Oakland.
Architect—None.
Contractor—C. Tollefsen, 5817 E-17th St., Oakland. $3600

DWELLING
(4732) 2119 E-SIXTEENTH ST., Oakland. 1-story 4-room dwelling.
Owner—J. H. Bangs, 2119 E-16th St., Oakland.
Architect—None. $2000

GARAGE
(4733) NE COR. E-TWELFTH ST. & 16th Ave., Oakland. 1-story tile garage.
Owner—I. Gorodetsky, 1550 E-12th St., Oakland.
Architect—None.
Contractor—S. J. Pearson, 2370 E-24th St., Oakland. $2000

DWELLING
(4734) W SEMINARY AVE. 200 S East Lawn, Oakland. 1-story 5-room dwelling.
Owner—G. W. Miller, Hearst Bldg., San Francisco.
Architect—None.
Contractor—C. D. King, 1032 Regent St Alameda. $3000

APARTMENTS
(4735) SW 2 LOT 9. ALL LOTS 10, 11 & NE 25 Lot 12 Blk B Map Thermal Hill, Oakland. All work for 3-story Frame and brick veneer apts and 10 hollow tile garages.
Owner—Mathilda and Lawrence Jensen 2336 24th Ave., Oakland.
Architect—Schirmer-Bugbee Co., Prery Bldg., Oakland.
Contractor—C. W. Short, 574 Rosal Ave Oakland.
Filed Oct. 10, 1923. Dated Oct. 3, 1923.
Sheathed .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $43,440
Bond, $23,000; Sureites, Louise H. Short and Lucy M. Hutchins; Forfeit, none; Limit, 120 days; Plans and specifications filed.

DWELLING
(4736) 465 THIRTY-FIFTH ST., Oakland. All work for 1-story 5-room dwelling.
Owner — James H. & Ida E. Trimble, premises.
Architect—None.
Contractor—Geo. W. Merritt Bldg. Co., Inc., 1160 1st St., Oakland.

Filed Oct. 10, 1923. Dated Sept. 14, 1923.
Contract executed $3300
Completed and accepted 700
TOTAL COST, $4000
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications, none.

DWELLING
(4737) LOT 15 BLK 4 BERKELEY Heights Tract, Berkeley. All work for 1-story dwelling.
Owner—Lee O. Murphy, 459 65th St., Piedmont.
Architect—None.
Contractor—C. M Norgrove 2220 Roosevelt Ave., Berkeley.
Filed Oct. 10, 1923. Dated Oct. 5, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $5430
Bond, Sureties, Forfeit, none; Limit, Jan. 15, 1924; Plans and specifications filed.

THEATRE
(4738) SW FOOTHILL BLVD. 164-3 NW Seminary Ave. NW 48-9 W 116 S 105 E 108-10½ N 22-3 W 12 N 42-9 E 46-1¼, Oakland. All work for class C theatre.
Owner—Lenore C. Moulin, S. F.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—G. B. Pasqualetti 2330 Larkin St., San Francisco.
Filed Oct. 10, 1923. Dated Oct. 9, 1923.
7th day each month 75%
Usual 35 days 25%
TOTAL COST, $60,000
Bond, $30,000; Sureties, A. J. Ferrogiaro and A. Lailo; Forfeit, $15; Limit, May 1, 1924; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Oct. 4, 1923—LOT 18 MAPLE HTS. Tract, Oakland. F. W. Alder to Alder & Clark .....Oct. 2, 1923
Oct. 4, 1923—LOT 14 BLK D MAP Northbrae Business Property, Berkeley. Nellie C. Squires to whom it may concern .....Oct. 3, 1923
Oct. 4, 1923 — NW SIXTY-EIGHTH Ave. 255.98 NE E-14th St NE 40 NW 100, Oakland. Alma Bessie and Lee Edward Smith to R. C. Hillen .....Oct. 1, 1923
Oct. 4, 1923—NW SIXTY-EIGHTH Ave. 295.98 NE E-14th St. NE 35 NW 100, Oakland. Maude E. Boyle to R. C. Hillen .....Oct. 1, 1923
Oct. 4, 1023—NW 6 LOT 32 ALL LOT 33 Blk H Map New Town of Lynn, Oakland. J. F. Perry to whom it may concern .....Oct. 1, 1923
Oct. 4, 1923—NW COR. MAPLE AVE and Madeline St., Oakland. F. W. S. Brookes to whom it may concern .....Oct. 3, 1923
Oct. 4, 1923—LOT 43 SANTA FE TCT No. 22, Oakland. Frank & Elsie M. Dolensky to J. W. Jespersen.....Oct. 3, 1923
Oct. 4, 1923—LOTS 47 & 48 MAP Alton Park, Oakland. James Muir to J. B. Bishop .....Oct. 2, 1923
Oct. 4, 1923—LOT 4 BLK 27 MAP Melrose Heights, Oakland. H. G. Hunsinger to M. Gaubert.....Sept. 29, 1923
Oct. 4, 1923—720-2 FRANKLIN ST., Oakland. Wong Loy to J. Chester Ballard .....Oct. 4, 1923
Oct. 4, 1923—LOT 12 BLK C MAP Waterside Ter, Alameda. Gladys F. Fassett to H P Rose..Sept. 21, '23
Oct. 4, 1923—35 LOT 10 MAP PORT Leise Tract, Oakland. George Muller to Jos. Flittner .....Oct. 2, 1923
Oct. 5, 1923—E FRANKLIN 45 2 N Fourteenth St. N 25.3xE 150, Oakland. R Whitehead to M E Hopper & Son.....Sept. 29, 1923
Oct. 5, 1923—NO. 2781 FRUITVALE Ave., Oakland. James Cartwright to George Smith.....Oct. 5, 1923
Oct. 5, 1923—PTN LOTS 8, 9 AND 10 Blk 9, Map Northbrae, Berkeley. Roy O Long to whom it may concern.....Oct. 5, 1923
Oct. 5, 1923—PTN LOTS 9, 10 AND 11 Blk 9, Map Northbrae, Berkeley. Roy O Long to whom it may concern.....Oct. 5, 1923
Oct. 5, 1923—PTN LOTS 6, 7 AND 8 Blk 9 Map Northbrae, Berkeley. Roy O Long to whom it may concern.....Oct. 5, 1923
Oct. 5, 1923—PTN LOTS 5, 6 AND 7 Blk 9, Map Northbrae, Berkeley. Roy O Long to whom it may concern.....Oct. 5, 1923
Oct. 5, 1923—LOT 17 and 8¼ Lot 16 Blk 3, Oakland. G R Blasingame to whom it may concern..Oct. 4, 1923
Oct. 5, 1923—LOT 15 BLK 6 Map Northbrae, Berkeley. George H Sterne to whom it may concern...October 4, 1923
Oct 5, 1923—NO. 660 FIFTY-FOURTH St., Oakland. Hans M Larsen to O M Griffin.....Oct. 5, 1923
Oct. 4, 1923—NW CENTRAL AVE & Oak W 160xN 140, Alameda. 1st ME Church to Char les Smith....Sept. 28, 1923
Oct. 4, 1923—NW CENTRAL AVE & Oak St. W 160xN 140, Alameda. First M E Church of Alameda to Carl E Strom.....Oct. 3, 1923
Oct. 6, 1923—TWENTY-NINTH AVE., Oakland. Southern Pacific Co to Hutchinson Co.....Sept. 29, 1923
Oct. 6, 1923—TWENTY-NINTH AVE., Oakland. Southern Pacific Co to Hutchison Co.....Sept. 29, 1922
Oct. 6, 1923—LOTS 34 AND 35 BLK "X" Map Ivywood, Oakland. W B Emmitt to Thomas P Bolger.....Oct. 5, 1923
Oct. 6, 1923—LOT 14 BLK "M" Oakland Highlands Tract, Oakland. Herbert C Cameron to whom it may concern.....Oct. 5, 1923
Oct. 6, 1923—LOT 13 BLK "M" Oakland Highlands Tract, Oakland. Herbert C Cameron to whom it may concern.....October 5, 1923
Oct. 6, 1923—NO. 525 & 529 MORAGA Ave, Piedmont. William King to whom it may concern....Oct. 4, 1923
Oct. 6, 1923—W RANDOLPH AVE 248 N Hopkins St. N 40xW 127.56, Oakland. Geo Van Vlack to whom it may concern.....Oct. 6, 1923
Oct. 8, 1923—NE 15 LOT 18 and NW 20 Lot 19 Blk "G" Map Fruitvale Blvd Tract, Oakland. Martha E Lodge to C F Lodge.....Oct. 8, 1923
Oct. 8, 1923—LOT 17 and NW 10 Lot 18 Blk "G" Map Fruitvale Boulevard Tract, Oakland. Martha E Lodge to C F Lodge.....Oct. 8, 1923
Oct. 8, 1923—NE FORTY-FIRST AVE and San Carlos Walk 40x140, Oakland. E M Attebery to whom it may concern.....Oct. 6, 1923
Oct. 8, 1923 — NE E-TWENTY-eighth 80 NW 21st Ave NW 40xNE 80, Oakland. Hattie C Cole to whom it may concern....Oct. 6, 1923
Oct. 8, 1923—PTN BLK "G" Central Land Co Tract, Oakland. C E Garrison to O Le Gault..Oct. 6, 1923
Oct. 8, 1923—LOT 23 Map Wilmarth Park, Oakland. Karin Johnson to whom it may concern....Oct. 6, 1923
Oct. 8, 1923—PTN PLOT "C" Map final report referee case Pryal vs Pryal, case 2604, Oakland. Alice Chibos to who mit may concern.....Oct. 6, 1923
Oct. 8, 1923—N BOND 179.5 E 50th Ave E 40xN 120, Oakland. John L and Esther M Stewart to Oakley & Kolmodin.....Oct. 3, 1923
Oct. 8, 1923—SE EUCLID AND MARtinez Aves., Berkeley. Rosa L Brown to E F Henderson.Oct. 6, 1923
Oct. 8, 1923—(1) LOTS 157 AND 158 Stonehurst Tract; (2) No. 824 105th Ave., Oakland. Laura Pabst to L A Peters.....Oct. 8, 1923
Oct. 5, 1923—LOT 40 BLK "N" Map 4th Ave. Terrace, Oakland. A C Krueger to whom it may concern.....October 4, 1923
Oct. 5, 1923—PTN LAND CONVEYED to J. Bridge, deed recorded Liber 1026 Deeds Page 215, Oakland. Joshua Bridge to whom it may concern.....Oct. 5, 1923
Oct. 9, 1923—SW FERNWAY SE of Pinehaven Road, Oakland. Ethel M Johns to whom it may concern .....Oct. 9, 1923
Oct. 9, 1923—S WARD 40.42 NE Washington Ave NE 58.58 SE 72.50 SW 72.24 NW 19.30 NW 16.62 NW 16.73, San Leandro. Anthony B Thomas to whom it may concern. .....October 9, 1923
Oct. 9, 1923—PTN LOT 10, Resubdivision Lots 18 to 27 inclu Map Crocker Tract, Piedmont. Piedmont Properties Co to whom it may concern.....July 31, 1923
Oct. 9, 1923—LOTS 21 AND 22 BLK "O" Map Blks M, N, O and P, Harmon Tract, Berkeley. Rudolph T Haas to whom it may concern.....March 27, 1923
Oct. 9, 1923—NO. 64 OAK RIDGE RD, Berkeley. George E Atkins to Chester A Gossett.....Oct. 5, 1923
Oct. 9, 1923—LOT 12 BLK 3, Brookdale Terrace, Oakland. Thomas Griffiths to whom it may concern. .....Oct. 8, 1923
Oct. 9, 1923—NW FOURTEENTH & Adeline N 70 W 4-6 N 35 W 70 S 105 E 174-6, Oakland. H Aronsen to California Builders Co.....October 8, 1923
Oct. 10, 1923—TWENTY-FIRST AND Broadway, Oakland. S. P. Co. to Hutchinson Co. .....Oct. 4, 1923
Oct. 10, 1923—HIGH ST. AND Encinal Ave., Alameda. S. P. Co. to Hutchinson Co. .....Oct. 5, 1923
Oct. 9, 1923—LOT 28 BLK 22 KELlersbergers Survey Map of Oakland Oakland. Muller Bros. to E. L. McCurtain .....Oct. 9, 1923
Oct. 10, 1923—PTN LOT 12 BLK 1 Lakeshore Highlands, Oakland. Josephine Upward to whom it may concern .....Oct. 9, 1923
Oct 10, 1923—S PTN LOT 8 REvised subdivision Lot 15 Blk G Piedmont Park, Piedmont. Adelaide S. King to E. T. Leiter & Sons .....Oct. 1, 1923
Oct. 10, 1923—N NINETEENTH ST 509 W Telegraph W 70 N 175-10½ Oakland. Maude A. Munro to Mullen & La Voie .....Oct. 8, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Accepted

Oct. 4, 1923—E MAGNOLIA ST. 275 N 32nd St. N 50 E 133-3, Oakland. V. J. & J. Antonuccio (Fruitvale Plumbing & Sheet Metal Works) vs. August & Emilie Julien Schneider and John Doe Rodgers....$86.85
Oct. 4, 1923—5417 BROOKDALE AVE Oakland. A. B. Mac Murty vs. Zelie Graves and W. B. Wilson.....$101
Oct. 4, 1923—507 SANTA CLARA AVE Oakland. H. C. Lovett vs. Mr. & Mrs Samuel D. C. Hughes.....$384.28
Oct. 5, 1923—LOT 52 BLK 6 Map Resubdivision Ptn North Cragmont, Berkeley. H Aronsen vs A D and Gladys L Whearty and D Condon.. .....$240
Oct. 5, 1923—LOTS 11 AND 12 BLK "F" Peralta Heights, Oakland. George C Garcia vs C C Williams and Margaret Proda $442
Oct. 5, 1923—LOTS 31 AND 32 BLK 9 Map Los Palmas Tract, Brooklyn Tp. E L Blackman Co (a corp) vs J J Pearson and B Crokarts....$147
Oct 6, 1923—S THIRTEENTH ST. 60 W Franklin W 40xS 100, Oakland. Oakland Building Material Co vs Tribune Publishing Co. and Schuler & McDonald $4910.47
Oct. 6, 1923—LOT 8 BLK 5, Map 4th Ave. Heights, Oakland. Eureka Mill & Lumber Co vs S R Gaddis, Ann E and A R Candlin.....$150
Oct. 8, 1923—LOT 8 BLK "G" Map Ivywood, Oakland. F J Leonardo vs Louis Roderick.....$60
Oct. 8, 1923—NW 35 LOT 1 BLK "F" Map Bella Vista Park, Oakland. F P Bowers & Sons vs James A and Jessie D Connell.....$208.65
Oct. 9, 1923—LOTS 7 AND 8 BLK "G" Map Ivywood, Oakland. Joe Rodrigues and Frank Laranga vs Louie Roderick, Frank J Leonardo and Morse Realty Co.....$92.50
Oct. 9, 1923—W VICENTE 836.45 N 56th St. N 32 W 102.74 S 20.22 E 100.69, Oakland. Eureka Mill & Lumber Co vs S R Gaddis and Mary Lee Kelly.....$560
Oct. 10, 1923—NW FOURTEENTH Ave. 65 NE E-18th St. NE 45 NW 84 Oakland. Henry Cowell Lime & Cement Co. vs. Mary Angello.....$76

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Oct. 5, 1923—NO. 1039 POMONA AVE., Albany. J H McMahon to John Zuir $35
Oct. 5, 1923—E MERRITT AVE 40 S Cleveland Ave., Oakland. E L Blackman Co to J J Vincent.$1134.18
Oct. 9, 1923—LOT 29 BLK 4, Map South Lakeshore Glen, Oakland. Eureka Mill & Lumber Co, $74.55; Rhodes-Jamieson & Co, $243 to R A Brady and Ernest Held.....

Notice of Non-Responsibility

ALAMEDA COUNTY

Oct. 6, 1923—NW THIRTY-EIGHTH Ave 47 NE Redding St. NW 100 NE to right-of-way San Jose Short Line SE to 38th Ave SW 50.24, Oakland. Alameda Investment Co as to improvements on property.....
Oct. 9, 1923—PT OPP, and at right angles to Engineer Station 1780+95 NE 55 SE 20, Livermore. Southern Pacific Co as to improvements on property.....

ESXTENSION OF BUILDING CONTRACT

ALAMEDA COUNTY

Oct. 8, 1923—FOOT FOURTEENTH ST. Oakland. Southern Pacific Co with Hutchinson Co. Extend time 90 days. Filed Sept. 14, 1923. Dated July 31, 1923.

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

TOILET BLDG., ETC.
GRANVILLE SCHOOL DISTRICT, Fresno. All work for toilet building, septic tank and electric wiring for school.
Owner—Granville School District.
Architect—None.
Contractor—Archie Da Mant. Sanger.
Filed Oct. 2, '23. Dated Aug. —, '23.
TOTAL COST, $1814
Bond, none. Limit, 30 working days. Forfeit, none. Plans and specifications none.

PLUMBING WORK ON ABOVE.
Contractor—Sanger Plumbing Co.
Filed Oct. 2, '23. Dated Aug. —, '23.
TOTAL COST, $1388
Bond, none. Limit, 30 working days. Forfeit, none. Plans and specifications noe.

TWO dwellings and garages, $5000 ea.; No. 1011 and 1020 Adoline St., Fresno; owner, J. A. Schlotthauer.
STORES, $8000; 1062 D St., Fresno; owner, A. P. Pagona, 1226 Marlposa St., Fresno; contractor, Coe S. Smith.
DWELLING, $7750; 220 Howes St., Fresno; owner, Kearney Blvd. Hts. Company.
CLEANING and dying plant, $10,000; 603 Belmont Ave., Fresno; owner, J. Kavorain, 232 Yosemite, Fresno; contractor, Harry S. Brindle, Kearney & Madison Sts., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Oct. 2, 1923—SE ¼ OF SEC. 26, 13-18, Fresno. Central Union High School District to Brown & Stafford.....Sept. 22, 1923
Oct. 2, 1923—LOTS 26 TO 32 BLK 82, Fresno. Fresno Bldg & Invst Co to Burnett Mfg Co.....Sept. 28, 1923
Oct. 5, 1923—LOTS 87 88 BLK 4 REC-reation Park, Fresno. Milton C. and Bessie McClurg to whom it may concern .....Oct. 4, 1923
Oct. 6, 1923—NE 100 FT. LOTS 1, 2 Blk 224, Fresno. L. A. Austin to whom it may concern....Oct. 4, 1923
Oct. 6, 1923—KINGSBURG, S. P. CO. to Cal. Cons. Co.....Sept. 29, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
Oct. 2, 1923—LOT 11 BLK 13, Kerman. F A Smith vs Chas A Lee.....$402
Oct. 2, 1923—LOT 6, except S 97 feet Blk 12, Wilson North Fresno Tct., Fresno. Fresno Bldrs Supply Co vs J B Welch & Valley Holding Co 179
Oct. 3, 1923—LOTS 7 AND 8, Whitehouse Tract, Fresno. C S Pierce Lumber Co vs Walter B and Florence W Berton, Valley Bank and R N Peterson and W F Bogart..$124
Oct. 3, 1923—LOTS 7 AND 8, Whitehouse Tract, Fresno. W F Bogart vs Walter B Berton et al.....$240
Oct. 5, 1923—LOT 1 BLK 19 HAZELwood, Fresno. A. Pera vs. Hagop Avakian $210
Oct. 6, 1923—LOTS 5, 6, BLK 11, Woodward Add, Fresno. F M Fountain vs Salvatore Guccone.....$578
Oct. 6, 1923—LOTS 8, 9 BLK 120 Fresno. M. Gashagorzian vs A. & Ester Kasparian $207

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

ELEVATOR
TWELFTH AND L STS., Sacrameto. All work for elevator for Class A hotel.
Owner — Hotel Senator Corp. MacDonald & Couchot, 234 Pine St., San Francisco.
Contractor—Otis Elevator Co., Beach and Stockton Sts., San Francisco.
Filed Sept. 27, '23. Dated June 26, '23.
TOTAL COST, $——

STEEL WORK ON ABOVE.
Contractor—Paul Iron & Bridge Wks.
Filed Sept. 27, '23. Dated Sept. 24, '23.
TOTAL COST, $——

FIRE ESCAPES ON ABOVE.
Contractor—Palm Iron & Bridge Wks.
Filed Sept. 27, '23. Dated Sept. 19, '23.
TOTAL COST, $1280

ELECTRICAL WORK
N ½ LOT 1880 and All Lot 1881 W. & K. Tract, Sacramento. Electrical work on building.
Contractor—F. J. Rushtaller, 902 J St., Sacramento.
Architect—None.
Contractor—Latourrette-Fical Co., 907 Front St., Sacramento.
Filed Sept. 25, '23. Dated Sept. 22, '23.
TOTAL COST, $2066
Bond, limit, forfeit, plans and specifications, none.

PLUMBING ON ABOVE.
Contractor—Phil Mott, 1616 24th St., Sacramento.
Filed Sept. 25, '23. Dated Sept. 22, '23.
TOTAL COST, $4391
Bond, limit, forfeit, plans and specifications, none.

DWELLING, one-story 5-room and garage, $2500; No. 2649 1st Ave., Sacramento; owner, Elizabeth Dennis, 3665 1st Ave., Sacramento; contractor, C. J. Hopkinson, 1318 25th St., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

GENERAL repairs, $8000; No. 1225 4th St Sacramento; owner Inako Co., 1225 4th St., Sacramento; contractor, M. A. Fratis.
DWELLING, two-story 7-room and garage, $7500; No. 1408 38th St., Sacramento; owner, Joe A. Murray, Maydestone Bldg., Sacramento; contractor, W. F. Schwartz, 1032 47th St., Sacramento.
DWELLING, one-story 5-room and garage, $3150; No. 640 38th St., Sacramento; owner, W. H. Jones, 1213 J St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 3248 D St., Sacramento; owner, M. F Terra, 2315 9th St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 849 52nd St., Sacramento; owner, R. G. Buhler, Cap. Nat'l. Bank Bldg., Sacramento; contractor, Alpine Constr. Co.
DWELLING, 1st 5-room and garage, $2500; No. 3116 C St., Sacramento; owner, Peart Bros., 3001 J St., Sacramento'
DWELLING, one-story 6-room and garage, $4900; No. 2716 6th Ave., Sacramento; owner, W. J. Kamenzind, 2320 22nd St., Sacramento; contractor, W. E. Truesdale, 2116 H St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Oct. 2, 1923—S ¼ LOT 4, U. V. 22nd, and 23rd Sts., Sacramento. Fanny F Spaulding to whom it may concern.....Sept. 27, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Sept. 29, 1923—LOT 45, Stuber Knoll, Sacramento. Frank Stepanke vs Albert E Trueblood $205
Oct. 6, 1923—FARMS 105 AND 106 Valley Oaks 2, Sacramtnto. Maud I Ritz and Emma J Ferguson (as T S Ferguson Lumber Yard) vs Chas W Hibbard and Golden Valley Land Co $200.99

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

LOTS 3 & 4 BLK 41 CITY OF LODI. All work for building.
Owner—O. H. Wells.
Architect—None.
Contractor—P. L. Hansen.
Filed Sept. 28, 1923. Dated Sept. 26, 1923
Payments not given.
TOTAL COST, $8424
Bond, Sureties, Forfeit, none; Limit, 75 days; Plans and specifications, none.

LOTS 8, 10, 12, 16 BLK 100 W OF CENter St., Stockton. All work for building.
Owner—Mrs. Bertha W. Dohrmann.
Architect—None.
Contractor—Frederickson Bros. (Chas. Andrew), 1501 N Pershing, Stktn.
Filed Oct. 3, 1923. Dated July 30, 1923.
Payments not given.
TOTAL COST, $6076
Bond, Sureties, Forfeit, none; Limit, Oct. 20, 1923; Plans and specifications, none.

RESIDENCE, $4400; 1043 N Stockton St. Stockton; owner, A. J. Anderson.
RESIDENCE, $5335; 601 South Tuxedo, Stockton; owner, E. A. Dunstan, 1011 W North St., Stockton.
RESIDENCES, 4, $3000 each; 1336 and 1338 W Flora, and 1446 &1436 W Elm, Stockton; owner, J. A. Salter, Linden Road, Stockton.
REMODEL, $4500; 446 N Tuxedo St., Stockton; owner, M. Malatesta.
REMODEL $4000; 37 So Aurora, Stockton; owner, Georges Co, 37 S Aurora St., Stockton.
REMODEL, $3000; 1243 S San Joaquin St., Stockton; owner, P. Catto.
REMODEL, $40,000, Main and Sutter Sts.; owner, Commercial & Savings Bank, premises.
RESIDENCE, $2500; 237 W Clay St., Stockton; owner, G. Tucco.

STORE BLDG, 1-story class A reinforced concrete (jewelry store), $50,000; 337 E Main St., Stockton; owner, M. Friedberger Co., 327 E Main St., Stockton; contractor, Thos. Lewis & Henry Green, 705 Yosemite, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Oct. 2, 1923—FRENCH CAMP. S. P. Co. to F. Ray Shutes and F. R. Zinck .....Sept. 28, 1923
Sept. 22, 1923—CITY SEWER FARM Lodi, City of Lodi to Davis-Heller-Pearce Co. .....Sept. 18, 1923
Oct. 5, 1923—LOT 13 BLK 15 SURvey No. 2999. C. E. Hill to Arthur Hollenbeck .....Oct. 1, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Sept. 24, 1923—W 60 ACRES OF SE ¼ of Sec. 18 T 1 S R 7 E Stockton. Sunset Lumber Co. vs. Tony D. Luiz & John D. Maxey $979.30
Sept. 26, 1923—LOT 10 BLK 31 VICtory Park Terrace, Stockton. San Joaquin Brick Co. vs. A. B. Willis $103.73
Sept. 27, 1923—SE ¼ SEC. 27 T 2 S R 5 E Stockton. Santa Fe Lumber Co. vs. Frank Quadros and the Estate of M. M. Silveira, deceased....$683.25

BUILDING CONTRACTS

SANTA CLARA COUNTY

SCHOOL
PALO ALTO. Excavating, concrete & carpenter work for Palo Alto Union High School.
Owner — Palo Alto Union High School Board, Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
Contractor—John Madsen, 619 Fulton St., Palo Alto.
Filed Oct. 3, '23. Dated Sept. 28, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $40,472
Bond, $40,472. Surety, National Surety Co. Limit, as soon as possible, not to retard others. Forfeit, none. Plans and specifications filed.

STEEL LOCKERS ON ABOVE.
Contractor — Waterhouse Wilcox Co., 523 Market St., San Francisco.
Filed Oct. 3, '23. Dated Sept. 28, '23.
Payments same as above.....
TOTAL COST, $3920
Bond, none. Limit, as soon as possizle, not to retard others. Forfeit, none. Plans and specifications filed.

HEATING AND VENTILATING ON above.
Contractor—W. K. Nottingham, 368 10th St., Oakland.
Filed Oct. 3, '23. Dated Sept. 28, '23.
Payments same as above.....
TOTAL COST, $8650
Bond, $8650. Surety, Fidelity & Casualty Co. of New York. Limit, as soon as possible not to retard others. Forfeit, none. Plans and specifications filed.

ROOFING WORK ON ABOVE.
Contractor — United Materials Co., Sharon Bldg., San Francisco.
Payments same as above.....
TOTAL COST, $2750
Bond, $2750. Surety, Fidelity & Deposit Co. of Maryland. Limit, as soon as possible not to retard others. Forfeit, none. Plans and specifications filed.

PLUMBING WORK ON ABOVE.
Contractor—Cashel Bros., 201 Homer St., Palo Alto.
Filed Oct. 3, '23. Dated Sept. 28, '23.
Payments same as above.....
TOTAL COST, $7950
Bond, $7950. Surety, Fidelity & Deposit Co. of Maryland. Limit, as soon as possible, not to retard others. Forfeit, none. Plans and specifications filed.

PLASTERING ON ABOVE.
Contractor—John Madsen, 619 Fulton St., Palo Alto.
Filed Oct. 3, '23. Dated Sept. 28, '23.
Bond, $9500. Surety, National Surety Co. Limit, as soon as possible not to retard others Forfeit, none. Plans and specifications filed.

SHEET METAL WORK ON ABOVE!
Contractor—Cashel Bros., 201 Homer St., Palo Alto.
Filed Oct. 3, '23. Dated Sept. 28, '23.
Payments same as above.....
TOTAL COST, $1500
Bond, $1500. Surety, Fidelity & Deposit Co. of Maryland. Limit, as soon as possible not to retard others. Forfeit, none. Plans and specifications filed.

COTTAGE
LOT 22, Nelson Tract, San Jose. All work for frame cottage.
Owner—D. B. Farnsworth, San Jose.
Architect—None
Contractor—W. O. Furtwangler, 269 S-23rd St., San Jose.
Filed Oct. 4, '23. Dated Oct. 4, '23.
Frame work up.....$807.50
Rough plastered 807.50
Completed 807.50
Usual 35 days..... 807.50
TOTAL COST, $3230.00
Bond, $1615. Sureties, C. A. Payne and A. L. Hubbard. Limit, none Forfeit, none. Plans and specifications filed.

COTTAGE
LOT 87, Orchard Park Sub., San Jose. All work for one-story 5-room cottage and garage.
Owner—J. F. Randolph, Los Altos.
Architect—None.
Contractor—William H. O'Neil, 500 N-15ht St., San Jose.
Filed Oct. 4, '23. Dated Oct. 4, '23
Roof on $981
Brown mortar on..... 981
Cottage accepted..... 981
Usual 35 days..... 981
TOTAL COST. $3924
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 14 BLK 32, City of Palo Alto. All work for four-room shingle bungalow.
Owner—Chas. F. Wright, 835 Hedding St., Palo Alto.
Architect—None.
Contractor—Walter G. Bell and E. Neill, Palo Alto.
Filed Oct 2, '23. Dated Oct. 1, '23.
Roof on ..... ¼
Plastering completed ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TATOL COST. $——
Bond, none. Limit, 60 working days from Oct. 1, 1923. Forfeit, none. Plans and specifications, none.
NOTE:—Actual cost of labor plus $250 for contractor's special services.

COTTAGE
W OF N-THIRTEENTH ST. 250 S Empire St., San Jose. All worg for one-story 5-room cottage.
Owner—A. E. Correa, San Jose.
Architect—None.
Contractor—William H. O'Neil, 500 N-15th St., San Jose.
Filed Oct 3, '23. Dated Oct. 3, '23.
Roof shingled $805
Brown coat plaster on..... 805
Completed ..... 805.
Usual 35 days..... 805
TOTAL COST, $3220
Bond, $1500. Sureties, M. L. Doan and Geo. D. McCrary. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Sept. 27, 1923—LOTS 21, 22 AND 23 Blk 13, S R 6 W, Lick Homestead, San Jose. Troy C Verser to whom it may concern.....Sept. 27, 1923
Sept. 27, 1923—STEVENS CREEK RD W of San Jose, Burbank School Dist. Board of Trustees Burbank School Dist to McCombs & Lomax .....Sept. 22, 1923
Sept. 27, 1923—LOT 59 Walsh Residence Tract No. 2, San Jose. Ursula Burgess to McCrary & Sharp.....August 15, 1923
Sept. 27, 1923—LOT 5 Ethridge & Fuller's Sub of Blk 35, University Tct, San Jose. Christine Nielsen to A J Nielsen.....Sept. 27, 1923
Sept. 27, 1923—PTN LOT 2 BLK 30, Naglee Park Tract, San Jose. John Taylor to J C Thorp....Sept. 26, 1923
Sept. 28, 1923—LOT 10 BLK 2, Clayton and Beal Sub, San Jose. C H McKay to whom it may concern.....Sept. 28, 1923
Sept. 28, 1923—LOT 1 BLK 7 R 4 S, Mt. View. Merton B Drake to C W Gibson & Son.....Sept. 26, 1923
Sept. 28, 1923—LOT 42, Walsh Residence Tct No. 2, San Jose. Theresa Adoradio to J Adoradio. Sept. 20, 1923
Sept. 29, 1923—LOT 12 BLK 44, Naglee Park Tract, San Jose. J R Kocher to whom it may concern.....Sept. 28, 1923
Sept. 29, 1923—LOT 1 BLK 33, South Palo Alto. John T Lemos to whom it may concern.....Sept. 27, 1923
Sept. 29, 1923—PTN LOT 2 BLK 32, Palo Alto. Charles F Wright to W M Bernard.....Sept 27, 1923
Oct. 1, 1923—PTN LOTS 13 AND 14 Blk 45, Naglee Park Tract, San Jose. B B Kavanaugh to whom it may concern.....Sept. 25, 1923
Oct. 1, 1923—LOT 21 BLK 20, South Palo Alto. Peter H Hammond to whom it may concern...Sept. 26, 1923
Oct. 1, 1923—ON MONTGOMERY ST., near San Augustine St., San Jose. Pacific Gas & Electric Co to Farnsworth & Ruggles.....Sept. 24, 1923
Oct. 2, 1923—NO. 12 CLELAND AVE., Los Gatos. Dr. Alfred Roncovieri to Harry W Arnold....Sept. 28, 1923
Oct. 2, 1923—LOT 12 BLK 3, Shottenhamer's Sub. No. 2, San Jose. Jerome Garcia to whom it may concern.....Oct. 1, 1923
Oct. 3, 1923—SW WASHINGTON & Harrison, Santa Clara. A D Furtado to whom it may concern..Oct. 3, 1923
Oct. 3, 1923—LOTS 4 AND 5, Shafter Sub., San Jose. Isabelle O Russell to whom it may concern...Oct. 2, 1923
Oct. 4, 1923—LOTE 11, 16, 17 AND 18 Blk 4, T. S. Montgomery's Sub of Part of Polhemus Tract, San Jose. Basilio Rondoni to whom it may concern.....Oct. 3, 1923
Oct. 5, 1923—NO. 159-161 REED ST., San Jose. May Caneli Fowler to whom it may concern....Oct. 2, 1923
Oct. 4, 1923—LOT 3 AND 4 BLK 3, Roosevelt Park, San Jose. J C Schutte to Geo R Wright..Oct. 4, 1923
Oct. 5, 1923—NW FOREST AND OLD Gilroy Sts., Gilroy. Mina Arena to W S Dow .....August 31, 1923
Oct. 6, 1923—LOT 32 BLK 4, Garden City Addition, San Jose. Frank A Schwartz to whom it may concern .....Sept. 29, 1923
Oct. 6, 1923—PTN LOT 34, Alta Vista Tract, San Jose. J W Vickers to whom it may concern....Oct. 4, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Oct. 1, 1923—PTN BLK 13 S D 6 W James Lick Homestead Tract, San Jose. Glenwood Lumber Co, $511.75; Trustees of Bldg. Trades Council of San Jose, $22.80 vs Elmer Christian
Oct. 1, 1923—LOT 31 Chace Park Avenue Lots, San Jose. Southern Lumber Co vs Charles D and Myrtle E Samuels $388.97
Oct. 1, 1923—LOT 1 Hawthorne Place, San Jose. Trustees of Bldg. Trades Council of San Jose vs John B Lanigan $113.60
Oct. 1, 1923—LOT 6 BLK 1, Seale Addition No. 7 to Palo Alto. H K Fultz vs Ethel Clarkson.....$750
Oct. 2, 1923—PTN LOT 8, Fleming Sub. San Jose. Gladding, McBean & Co vs F and Mary Cribari.... $600
Oct. 2, 1923—LOT 8 BLK 14, Hanchett Residence Park, San Jose. E Levin vs Peninsula Land & Improvement Co and Jack D Barbe.....$353.41
Oct. 4, 1923—PTN LOTS 10 AND 11 Blk 1, Sunol Addition to City of San Jose. Pacific Mfg Co vs Meta E Cottle $1956.51
Oct. 5, 1923—NE PTN LOT 36, Boyce Add'n to Palo Alto. The Minton Co vs L B Howe.....$154.89
Oct. 6, 1923—LOT 1 BLK 13, Evergreen Park, San Jose. Frank X Farry vs Nick Purket.....$46.81

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT 12 PART 13 BLK 1 GLENNWOOD Park, Burlingame. All work for 1-story frame residence and garage
Owner—M. M. & Florence E. Getz, 101 Post St., San Francisco.
Architect—None.
Contractor—Joseph Hill, Berkeley.
Filed Sept. 29, 1923. Dated Sept. 25, 1923
Ready for plaster $1375
Plastered 1375
Completed an daccepted 1375
Usual 35 days 1375
TOTAL COST, $5500
Bond, $2750; Sureties, James H. Pinkerton; Emil Hogberg; Forfeit, none; Limit, 75 wk days; Plans and specifications filed.

ADDITION
OAK GROVE AVE AND STATE HIGHway, Burlingame. All work for one-story and basement addition to school building.
Owner—Burlingame Grammar School District, Burlingame.
Architect—Ernest L. Norberg, 593 Market St., San Francisco.
Contractor — R. C. Stickle, South San Francisco.
Filed Oct. 3, '23. Dated Oct. 1, '23.
1st floor joists in place....$ 6,409.50
Frame up 6,409.50
Brown coated 6,409.50
Brick veneered 6,409.50
Completed 6,409.50
Usual 35 days..... 10,682.50
TOTAL COST, $42,730.00
Bonds, $21,365 and $10,682. Surety, Hartford Accident & Indemnity Co. Limit, 180 working days. Forfeit, $10. Plans and specifications filed.

RESIDENCE, $12,000; LOT 161 S M Park Crescent and Clark Dr., San Mateo; owner, Mitchel Jackson and Co., 170 2nd Ave., San Mateo.
ADDITIONS, $14,679; Roosevelt School Vancouver; owner, Burlingame School District.
RESIDENCE, $4000; Lot 20 Blk K "B" St. Haywood Park, San Mateo; owner, Mrs. Borges, Burlingame; contractor, Dorsett & Ruhl, 77 O.Farrell St., San Francisco.
RESIDENCE and garage, $8000; Por. 199 S M Park Warren Rd., San Mateo; owner, A. McIntyre, 446 Highland Ave., San Mateo.
RESIDENCE and garage, $5000; Lot 5 Blk M 11th Ave. Howard Ave., San Mateo; owner, Geo. C. Elwood, 1365 McAllister, San Francisco; contractor, Hammer & Hultberg, Tilton Ave., San Mateo.
DWELLING and garage, $4000; Lot 9 Blk R 16th Ave Howard Park, San Mateo; owner, W. J. Gerecke, 877 Oak St., San Francisco.
ALTERATIONS and additions, $2600; 24 Crystal Springs Rd., San Mateo owner, Mrs. J. J. O'Brien, 24 Crystal Springs Rd., San Mateo; contractor, Leadly and Wiseman, 207 29th St., San Mateo.
DWELLING, $6500; Prospect Row, San Mateo; owner, J. B. & C. Darcy, San Mateo; contractor, S. A. Wiseman, 207 2nd St., San Mateo.
RESIDENCE, $5000; N ½ 230 S M Park Occidental Ave., San Mateo; owner, Hanna King, 1233 Bellevue Ave., Burlingame; contractor, Ida McCann, 1233 Bellevue Ave., Burlingame.
RESIDENCE, $6000; Poplar Ave. San Mateo Park, San Mateo; owner, J. Dowsett ,Burlingame; contracter, Dowsett & Ruhl, 77 O'Farrell St., San Francisco.
ALTERATIONS and additions, $2000; 704 Pepper Ave., Burlingame; owner, M. Kregbaumn, premises; contractor, E. S. Shaver, 838 Highland Burlingame.
BUNGALOW and garage, $6800; Lot 12 and 13 Blk 3 Bigme Park 4 Pepper, Burlingame; owner, P. E. Chapman contractor, T. Gesso, 1405 Grove, Burlingame.
BUNGALOW and garage, $5500; Lot 31 Blk 1, Glenwood Park, E Carrol Ave., Burlingame; owner, M. M. Gitz.
BUNGALOW and garage, $5000; Lot 10 Blk 25, Easton 2, Sanchez Ave, Burlingame; owner, H. G. Hughes.
BUNGALOW, $4000; Lot 25 Blk 15, Burlingame Grove, Paloma Ave., Burlingame; owner, W. T. Cornelies.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Oct. 2, 1923—LOT 10 BLK 5 BURLINgame Terrace, Burlingame. F. & Anna L. Brastrom to Hammer and Hultberg .....Sept. 28, 1923
Oct. 4, 1923—LOT 11 BLK 8, Poolo Field Sub., Burlingame. H J Salanne to James C Durner.Sept. 29, '23
Oct. 5, 1923—LOT 22 BLK 23, Easton No. 2, Burlingame. Martha H Rushton to whom it may concern.. .....Oct. 5, 1923
Oct. 5, 1923—LOT 4 BLK 11, Burlingame Grove, Burlingame. M J Lalor to L E White and W T Coops.....October 3, 1923

BUILDING CONTRACTS

CONTRA COSTA COUNTY

GARAGE, one-story brick, $7067; NW Tenth & Chanslor Sts., Richmond; owner, Bert Merritt, Cor. 9th and Chanslor Sts., Richmond; contractor, Carl Overaa, 2105 Roosevelt St., Richmond.
GARAGE, one-story tile, $2100; S Macdonald St., bet. 2nd and 3rd Sts. Richmond; owner, M. Jansoone [illegible] contractor, A. J. McName, 824 7th St., Richmond.
ADDITION TO MILL, 1-story frame, $2700; E-16th bet. Chanslor and Olive, Richmond; owner, Rich. Feed and Grain Co., 30 16th St., Richmont; contractor, Tandy & Theis, 234 Chanslor, Richmond.
DWELLING, 1-story frame, $3500; SE Cor. Nevln and Key Blvd., Richmond; owner, K. J. Henning, Box 1671, Richmond.
HOTEL, two-story frame, $9000; SE First and Ohio Sts., Richmond; owner, F. Ruiz, First and Ohio Sts. Richmond; contractor, J. C. Thornton, 228 Bissell St., Richmond.
DWELLING, two-story hallow tile $6500; N-Roosevelt St, bet. 11th and 12th Sts., Richmond; owner, W. T. Helms, 235 6th St., Richmond; architect, J. T. Narbett, 906 Macdonald Ave., Richmond.
APARTMENTS, (3) two-story frame and stores, $9000; SW San Pablo and McBryde Sts., Richmond; owner, John Sindicich, Premises.
DWELLING, one-story frame, $3000; W 16th St., bet. Bissell and Chanslor Sts., Richmond; owner, M. Marre, 324 16th St., Richmond.

DUROXO MANUFACTURING COMPANY ENTERS NORTHERN CALIFORNIA FIELD

Of interest to architects, engineers and contractors throughout Northern California, is the establishing at San Francisco of a branch of the Duroxo Manufacturing Company, Inc., of Los Angeles. This company manufactures for the Pacific Coast trade, a complete line of integral waterproofing compounds for concrete, chemical concrete floor hardeners, dampproofings, and wood floor preservatives.

Established two years ago by Pacific Coast business men, the company's growth has been very rapid, reflecting the increasing volume of building activities in California. The manufacturing of these products on the Pacific Coast met with the enthusiastic approval and support of the trade, as formerly it was necessary to secure practically all these products from Eastern manufacturers.

Their business is a highly specialized one, as the successful treatment of waterproofing and dampproofing problems requires not only the highest quality of materials, but an understanding also of the problems confronting the particular building and adaption of the best methods. For thi sreason they maintain a consulting service department as an aid to architects, engineers, contractors and owners.

They also accept contract work for the application of some of their products on a square yardage price basis and have done many of the largest office, hotel and industrial buildings in the South. Their principal products are, Duroxo Chemical Concrete Floor Hardener, Duromix Integral Concrete Hardener, Durophil Wood Floor Preservative, Hyduro Integral Waterproofing for concrete, and Hydrine Black Dampproofing and Plaster Bond.

Their San Francisco division will be in charge of Mr. Joseph E. Rodgers, for many years active in the building material line and well known throughout this territory.

Larsen Construction Reports
issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Conereta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND
SACRAMENTO
STOCKTON
FRESNO

LOS ANGELES
HOLLYWOOD
PASADENA
LONG BEACH

SAN DIEGO
SANTA MONICA
SAN BERNARDINO
SANTA ANA

PORTLAND
BOISE
WALLA WALLA
SALT LAKE CITY

SEATTLE
TACOMA
SPOKANE
YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., OCTOBER 20, 1923

Published Every Saturday
Twenty-third Year No. 42

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

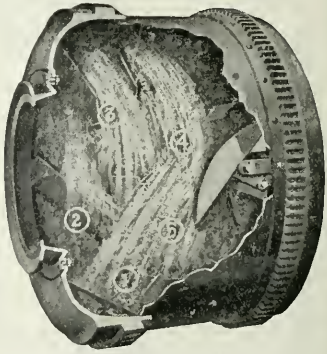
Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., OCTOBER 20, 1923 | Twenty-third Year No. 42

No. 818 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

PORTLAND CEMENT ENGINEER TO STUDY CONCRETE STRUCTURES IN JAPAN EARTHQUAKE ZONE

Homer M. Hadley, District Engineer in charge of the Portland Cement Association Office at Seattle, sailed for Japan, October 5 to make a thorough investigation of how modern structures, particularly those consisting largely of reinforced concrete, withstood the recent earthquake.

Mr. Hardley is particularly well qualified for a mission of this kind, having for many years specialized in structural engineering. Before joining the forces of the Portland Cement Association, his pactical experience included a number of years with some of the foremost engineering firms on the Pacific Coast. Shortly before coming with the Portland Cement Association, Mr. Hadley was structural engineer for the Seattle School District.

Mr. Hadley's trip will probably require three months or more absence from his official duties with the Portland Cement Association, although it is expected that very soon after his arrival in Japan he will be able to cable a condensed preliminary report that will reconcile a number of conflicting messages which have been sent out, leaving us thus far mostly in doubt as to just how modern structures in Japan withstood the earthquake.

CEMENT PRODUCTION AGAIN BREAKS RECORD

According to figures of the U. S. Geological Survey just released production of portland cement in September eclipsed all previous records for any single month. For the first time the 13,000,000 mark was reached, the exact quantity produced being 13,109,000 barrels Production for the nine months ending September 30 was slightly over 101,000,000 barrels or more than was produced in any full year prior to 1922. Last year's nine months record output was exceeded by about 24%.

Shipments from the mills during September, although less than in August, were greatly in excess of any corresponding month in past years and were about 10% over September 1922. For the first nine months of this year shipments were substantially in excess of 104,000,000 barrels or 18% greater than during the corresponding months of last year.

Unquestionably the cement industry has made a remarkable record this year in taking care of the demands placed upon it. Starting the year with nearly 2,000,000 barrels less in stock than at the beginning of 1922 it has in nine months shipped about 16,000,000 barrels more than during the first nine months of 1922 and yet stocks in manufacturers hands are more than 750,000 barrels greater than on September 30 last year.

HOUSING HEAD IS OUSTED BY GOVERNOR

Simon J. Lubin, of Sacramento, president of the State Immigration and Housing Commission since its organization in 1913, has been removed from that office by Governor Richardson, who has appointed G. B. Ocheltree, president of the Berkeley Chamber of Commerce, to the position.

This action culminated a controversy between Lubin and Governor Richardson, which has been in progress since April when the Governor removed Paul Scharrenberg, San Francisco labor leader, from the Immigration and Housing Commission on the charge that Scharrenberg was "lobbying" during the budget hearings of the State legislature.

Lubin at that time denounced the Governor for this move, claiming Scharrenberg was innocent of the "lobbying" charge, and demanded in an open letter that steps be taken "either to reinstate Scharrenberg or to remove me."

$4,000,000 BONDS FOR LUMBER DEAL FILED

Papers filed in the office of the County Recorder at Susanville, Lassen County, show that the Fruit Growers' Supply Company has given a deed of trust to the Pacific-Southwest Trust and Savings Bank of Los Angeles to guarantee the payment of bonds to the amount of $4,000,000. Two thousand dollars' worth of revenue stamps are attached to the papers and to complete the record fifty pages of the record book was required.

The money derived from the bonds is being used in the purchase of the Pennsylvania Lumber Company by the Fruit Growers' Supply Company. More than forty thousand acres of timber land is involved.

426 MILLION IN MATERIAL CAN BE SENT TO JAPAN—DOW REPORT

American building material manufactures have an estimated reserve capacity worth approximately $426,-865,000 for the Japanese reconstruction program before demand so far approaches supply as to greatly inflate domestic building costs, says the current Dow Service Daily Building Reports.

Domestic construction for the entire country is consuming basic structural materials this year at the rate of $1,083,135,000 per annum. The estimated total basic structural building material output capacity for the United States has been placed at $1,700,000,000, but at no time has full capacity ever been employed to permit the production of basic structural commodities sufficient to reach that value.

Building material manufacturers, receiving recent official inquiries from the Department of Commerce asking for information as to their ability to meet Japan's needs in their lines and what price movement might be expected, if any, assured Secretary Hoover that they would be able to meet the demand at domestic open market price lists covering corresponding quantities and delivery conditions.

It was figured that Japanese emergency building material requirements would be in two classes, that for temporary construction and that for permanent, more or less earthquake-proof buildings. The temporary building material shipments came at a time when, normally, domestic building construction is not at its highest pitch. It can easily find available building material reserve, as the building material industry this year was headed for a production representing a valuation of about $1,500,000,000, owing to the fact that in many plants throughout the country additional equipment has been installed this year to take care of the normal domestic demands of the building industry. The manufacturers estimate that the added equipment already installed will be sufficient to increase the gross value of basic building material production to approximately $2,-000,00,000 per annum in 1924.

Had there been no mid-year buyers' strike the margin for the Japan emergency would have been far less. The turn toward greater national building activity since July 1, however, is significant. August, for example, shows a national 56.4 per cent gain over the same month in 1922. The national gain for July and August for the two years 1923 leads over 1922 by $44,000,000.

EUROPEAN ACHIEVEMENTS WITH CEMENT

Among remarkable achievements credited to European research in the field of concrete construction are flexible building slabs only a half inch thick; the French "ciment fondu," reported as having almost three times the tensile strength of ordinary cement; and electric transmission poles, specially built by being spun in a mold, a method that is said to render them so flexible that they will return to the vertical after having been sprung 7 feet.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Enormous growth in British Columbia's lumber industry during this year is shown by lumber scale figures made public by T. D. Pattullo, minister of lands at Victoria. Lumber scaled in British Columbia from January 1 to the end of August, these figures show, totalled 1,489,892,000 feet, an increase of almost 50 per cent over the figure for a corresponding period last year when 1,029,893,000 feet were scaled. The increase was approximately 460,000,000 feet.

No definite word has reached Washington through official channels that Japanese officials have turned over to to the American Government the actual task of purchasing steel and lumber for earthquake reconstruction. Secretary Hoover recently arranged for co-operation among producers to maintain fair prices to the Japanese whose needs had been put before the American Government, but he held that the American Government itself could not directly purchase for Japanese needs.

The State Railroad Commission has authorized publication of joint rates on crushed rock to Exchequer, a point located on the Yosemite Valley Railroad, which are approximately reductions of 30 cents per ton over existing rates. The emergency rates were established on less than the usual 30 days notice in order to permit the movement of large quantities of material to be used in the construction work being done by Merced Irrigation District.

Approximately eighteen blocks have been added to Greater Bakersfield's industrial section by action of the city council. This new section, it is understood, is sold to a San Francisco capitalist who contemplates the erection of a large industrial plant on the tract and to use other portions of it for purposes conforming to its establishment by the city as a part of the industrial section.

A gift of approximately $800,000 to help the building of good roads was made at a recent meeting of the Missouri Highway Commission. William Volker, Kansas City manufacturer, agreed to supply the state at actual cost 400,000 barrels of cement yearly over a five-year period for road building purposes.

Los Angeles plumbing supply jobbers will make deliveries only to plumbing shops, eliminating all deliveries to jobs This ruling, effective October 1, is the result of a vigorous campaign waged by the Master Plumbers' Association and the Sanitation League.

In a message to Ambassador Hanihara of Japan, President John W. Cowper of the Associated General Contractors of America "placed the unified experience and efforts of members of the A. G. C. at the disposal of Japan to aid in the work of reconstruction."

The Bell Marble Company of Tuolumne county has resumed operations. A small force will be employed until the debris caused by the winter rains is removed, at which time the force will be increased.

Bellingham Steel & Forge Company, a newly formed corporation headed by B. E. Shellebarger as president, now includes three firms formerly with headquarters at Bellingham, Wash. The new company is made up of the Erickson Forge Works, the Standard Welding Company and the Nolte Machinery Company, and is capitalized at $30,000. D. T. Erickson is vice-president and T. Shellebarger is secretary and treasurer. The new firm is equipped with complete fabricating plant and will handle structural and bridge steel, boilers and tanks, forging and welding work, machine work and general repair work.

Attorney General Webb rules that Subdivision 12 of Section 2369 of the Political Code permits the Yuba county supervisors to aid the Sutter county supervisors in fiancing construction of a bridge over the Bear river between Rio Oso, in Sutter county and Wheatland, Yuba county, even though the bridge proper will be situated entirely in Sutter county territory

Charles Merz, formerly of San Francisco, is seeking a site in Richmond, Contra Costa County, on which it is proposed to establish a furniture manufacturing plant. Merz proposes to cut 16,000 acre of valuable timber in Southern Mexico and float the logs to Richmond where they will be cut for the manufacture of furniture|

Berkeley city council has adopted the fire-resisting roof ordinance which virtually bars wooden shingles from new buildings. It allows prepared roofing placed in Class C buildings by the Underwriters' Laboratories, provided that such composition be surfaced on the weather side with mineral or vitreous materials.

Dolan Building Materials Company, capitalized at $75,000, has filed articles of incorporation at Sacramento. Directors are: D. J. Dolan and Philip Hirsch of San Francisco and George J. Fuller of Sacramento. Principal place of business is Sacramento.

According to the National Industrial Conference Board only 77 wage increases were noted for the period from July 15, 1923, to August 14, 1923, as compared with 137 during the previous month, and 287 in the month before that.

Monterey Chamber of Commerce is conferring with city council regarding the construction of a municipal wharf on Monterey waterfront. A concrete structure is advocated.

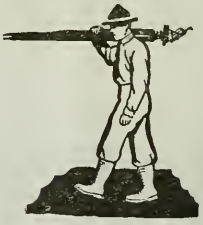
Total value of building construction in 152 cities in September was $198,942,935 against $224,624,218 in August and $181,369,342 in September, 1922.

Failure to give buildings, machinery and equipment proper care, leads, it is said, to depreciation and loss in excess of $1,573,125,000 a year.

C. D. Johnson Lumber Company of Portland, Ore., has opened an office at 1140 Pacific Mutual Bldg., Los Angeles, with Frank Karrick in charge.

Stone cutters in the United States in 1910 numbered 35,000; in 1920, 22,000.

ALONG THE LINE



Edwin O. Edgerton, president of East Bay Water Company announces his company is planning to install additional and larger water mains in entire East Bay district. The total expenditure of the improvements contemplated is placed at $2,250,000.

H D. Severance, city engineer of Monterey, is preparing estimates of cost for the city trustees of Carmel-By-The-Sea for the construction of a sewer system covering the entire city. Bonds will probably be voted to finance construction.

Willamette Iron & Steel Works, Portland, Ore., at $2,571,403.65 awarded contract by Portland city council to construct third pipe line from the Bull Run water rerseve to the city of Portland. The work will be completed in about two years.

George Calder, resident engineer on the Sacramento filtration project, has been appointed to a similar position on the Carquinez Straits bridge, now under construction over the straits between Solano and Contra Costa counties.

Capitol Spark Plug Co., manufacturing the Tri-Bar auto bumper and other automobile accessories, has started construction of a new plant just north of Hammonton Crossing, one mile below Marysville.

John O'Leary, former manager of the Columbia Valley Lumber Co., Seattle, has been appointed manager of the North Trunk Lumber Company, located in the same city.

Ganahl Lumber & Wohlman Manufacturing Companies plants at Vernon, Calif., were destroyed by fire October 14. Fire originated in the varnish room of the Wohlman plant.

E. H. Vincent, inventor of the Remal-Vincena Steam Powered Automobile, plans construction of a plant on Oakland waterfront.

An American Plan conference will be held at San Antonio, October 22-23. Sixty conferees representing fourteen Western states are expected.

Thomas E. Risley has been appointed City Commissioner of Finance of Fresno, succeeding Chas. F. Dillon, resigned.

Fresno city council favors early submission to the people of the question of the city manager form of government.

Exchange Club of Fresno backs plans for $100,000 bond issue to finance construction of municipal swimming pool.

Archie Winchcole, Richmond contractor, injured in an automobile accident in Richmond, October 11.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

UNIVERSITY STUDENTS AIDED BY BUILDERS' EXCHANGE

The Builders' Exchange of Alameda County is co-operating with Miss Esther Parsons, manager of the Alumni Bureau of Occupations, University of California, in aiding deserving university graduates or students in securing part-time employment in the building trades.

In a letter to the Builders' Exchange, Miss Parsons asked if it were possible to get the co-operation of the builders. Secretary E. W Shaw promptly wrote the occupational manager a letter, assuring her that anything that the exchange could do in aiding trained workers in the building industry to get positions would be done.

Mechanical engineers, draftsmen, architects and other trained workers are available through the alumni occupational bureau.

OAKLAND PLUMBING AND HEATING INTERESTS TO LUNCHEON

Oakland is to have a luncheon club composed of plumbing and heating salesmen, if the idea which Glea Potter of Crane Company has been fostering for a long time can be successfully worked out. He attributes a lot of the little difficulties in the business to the fact that few of the salesmen and manufacturers' representatives know each other well enough to come out and frankly discuss disputed points, with the result that each side sits back and wails about what the other fellow is doing. The luncheon club is to be on the order of the Kiwanis, Lions, or any of the well known commercial organizations, to meet once a week and include all men who are selling the plumbing and heating trade.

LUMBER INDUSTRY CONSIDERS PROPERTY TAX SYSTEM

The effect of the general property tax system on the lumber industry was the main topic discussed at meetings in Seattle of forestry and timber experts from different sections of Oregon and Washington and government representative W. G. Welgle, of Seattle, forest supervisor of the United States forest service, expressed the belief that the Canadian embargo on exports of wood pulp may lead eastern American pulp manufacturers to build pulp mills in Washington. He declared that, in his opinion, this would "provide a new market for a great deal of Washington timber which now goes to waste and at the same time it ould help solve the timber tax problem."

ALAMEDA COUNTY EXCHANGE ADDS NEW MEMBERS

New members in the Alameda County Builders' Exchange, according to E. W. Shaw, secretary, include: Andrew B. Gow, general contractor; Redwood Manufacturers Co., sash and doors and general millwork; Berkeley Sash and Door Co., sash and doors; J. F. Patterson, general contractor; American Sheet Metal Works, sheet metal work; H. J. Simond, lathing contractor; Wm. Smith Co., lumber dealers; I. L. Todd, general contractor; H. M. Adams Roofing Co., roofing contractor; Murnane Store Front Co., store fronts.

REVISION OF RENO PLUMBING ORDINANCE SOUGHT

The Reno plumbing ordinance should be revised to require the installation of vents for every gas heater and gas using appliance in the opining of Frank C. Savage, plumbing contractor of Reno, who will probably bring the matter to the attention of the Master Plumbers' Association and the city council.

"The ordinance should be further revised by the addition of other safety requirements," says Savage, who declares that deaths and serious illness can frequently be avoided by stricter installation requirements.

"At the present time," Savage continues, "The local plumbing ordinance does not require vents upon gas appliances. Notwithstanding this, the local gas company and many of the plumbers will not make such installations unless vents are provided, on account of the danger to the users. However, there is nothing to prevent a careless plumber or any individual from making an installation without vents and still be within the law. The addition of a small vent pipe, to carry away the poisoning gases arising from gas flames, or from the leakage of gas, is a very nominal expense, and would not be noticed by any user."

Reno plumbers have been discussing the present plumbing ordinance in this respect since the death of a young man due from monoxide gas, it is alleged, to an unventilated gas heater.

FRESNO MATERIAL DEALERS AND LOAN COMPANIES UNITE

Looking to more adequate and solid financing of building operations in Fresno as between loan companies and building material men, the loan companies will hereafter work in close co-operation with the association of building material dealers. This was determined at a recent meeting between directors of the material dealers' association and managers of building loan companies in Fresno.

Necessity for solving the various problems of loans for buildings before rather than after construction was cause for the conference recently in the business offices of the Merchants' Association. The loan company managers did not appear as an organization with a definite head.

The building material dealers were represented by a full board composed of C. L. Foin, president; V. Price Brown, B. A. Newman, S. L. Platt and A. B. McWhorter.

CONFIDENTIAL LETTER IS PLAN OF BUILDERS' ASSOCIATION

The General Contractors' Association of Cleveland is planning to send out a confidential letter each month to its members giving the names of subcontractors whose state insurance expires during that month; and to obtain and compile information regarding the amount and the kind of liability insurance carried by subcontractors.

FAVOR APPRENTICE CLASSES

The Board of Directors of the Master Builders of Omaha have pledged their support and endorsement of any plan whereby there will be established apprentice classes for the practical training of building apprentices.

CALIFORNIA LUMBERMEN TO CONVENE IN SAN FRANCISCO

The annual convention of the California Retail Lumbermen's Association will be held here on October 26 and 27 in the Palace Hotel. The program will deal with subjects of importance to dealers in building materials.

Consideration will be given to cartage, cost of business, methods of financing home builders, place of the home in city planning, service and co-operation, utilization of plan service, symposium on trade conditions and association activities.

The retailers will be addressed by Mrs. Adeline M. Conner of Sacramento, advertising manager of the Sacramento Lumber Company, on "Advertising." Miss Alberta Ruth Brey, vice-president of the Brey-Wright Lumber Company, will discuss "Romance of the Retail Lumber Game," bringing a practical message from her experience in active lumber merchandising, and on Saturday morning, October 27, Mrs. Jessica Eggleston of San Francisco, secretary of the California Retail Lumbermen's Association, will talk on "Why An Association?"

The annual dinner will be given Friday evening in the gold ballroom of the Palace Hotel, and A. B. Wastell, manager of the association, will be toastmaster, while Dr. Joseph A. Stevenson of San Jose, will talk on "Service and Co-operation," followed by entertainment features.

CONTRACTOR LIABLE FOR BILLS OF SUB-CONTRACTOR

The finding of fact and conclusion of law, issued by Judge Thompson, Santa Rosa, in the action brought by Ralph Emery against John Rocca and Carlo Calleti is in favor of the plaintiff.

It appears in the judgment, that Rocco and Caletti, contractors, building the Guerneville-Jenner highway for Sonoma county, agreed to stand good for certain merchandise contracted for in the town of Guerneville by one of their sub-contractors, H. Kunze.

Kunze secured merchandise amounting to $306.31 from Harry Harris, and $423.30 from Drake Brothers. These two accounts, together with an account for $187.75, alleged due the Guerneville Park Development Company for rent of a camp site, were purchased by the plaintiff in the action, brought by Emery.

The findings award Emery judgment in full for the three amounts set forth, together with costs of action.

POWER EXPOSITION TO EXCEED LAST YEAR'S SHOW

The National Exposition of Power and Mechanical Engineering will be held December 3-8 at Grand Central Palace, New York City. Contracts already signed indicate that the coming event will exceed that held last year, both in size and diversity. In addition to that for exhibition of devices for the generation of all kinds of power, space has been set aside for equipment used in the transmission of power, which will add greatly to the interest of the exposition.

FIRE RESISTIVE HOUSES A PRESENT REALITY

Address at the First National Fire Prevention Congress, New York, N. Y., By Wharton Clay, Architectural Engineer, Member of the Building Construction Committee, National Fire Protection Association.

If an architect and engineer and a criminal incendiary should get their heads together, they could hardly devise a better construction for rapid destruction by fire than the present residence or apartment building with lumber joists, studs and ordinary lath. Even the plaster, which is incombustible itself, and would be considered a fire protection of high order, aids in making a series of chimneys to aid in the draft, and when this plaster is installed, as is customary, the entire interior of the chimney is lined with small pieces of rough wood easily ignited, and which communicate a fire with incredible speed throughout the structure. This does not mean that lumber must be eliminated to make houses fire-safe, but to make them fire-safe, the lumber must be protected in a manner different from the present custom and the myriad of small pieces of wood must be eliminated.

It seems strange that the design of fire-resistive construction should have started at the top and worked downward to the residence. It is strange that city Ordinances give more consideration to the protection of the lives of transients within their boundaries living in hotels than is given to their own citizens whose lives are in constant peril in houses that strictly conform to to all the laws. It is strange that a man will demand a fireproof vault to store a few bonds and stocks, some of which prove to be worthless sheets of paper, and at the same time will leave home light-heartedly with his dearest possessions soundly asleep in a tinder box, which, on the slightest spark will in a few moments be hopelessly involved in a rapidly enveloping fire. In fact, the modern house, if constructed scientifically at all is constructed to permit the most rapid spread of flames that possibly could be arranged.

Lumber construction because of its great strength, ease of cutting and fitting and the familiarity of the workmen with it is the most economical material on the market today with which houses can be constructed. Attempts have been made to produce fire-resistive houses with other materials, but they have always ended in financial disappointment becouse of the extra burden it places upon the home owner. There is another reason, too, why incombustible materials have not appealed to the home owner. We are creatures of habit, and are familiar with wood and appreciate its beauty. We do not like to see the cold floors and do not readily respond to a different form of construction. Fortunately, there is no need for this, for within our grasp and within our pocketbook lie materials which will make the fire-resistive home a present reality. In fact, there are many that have been built throughout the length and breadth of this land, and their safety has frequently been tested by actual fires, which, obtaining a start, are stopped before they gain headway.

Metal lath as a protection for lumber solves the problem as no other material does. It does not change our habits of constructing the building, it does not hamper the speed of erection, and it does not add greatly to the cost. It even lessens the burden of the pocketbook of the householder, because it reduces the depreciation and upkeep expense cost to a greater extent than it increases the original investment.

For over thirty-years, expanded metal lath has been known to the general building public as a fire-resistive material. Notable examples of its fire-stopping qualities have appeared from time to time On the other hand, hundreds and even thousands of houses constructed in the ordinary manner burn down yearly, and we thoughtlessly let them pass without inquiring into the basic reasons why houses should be so rapidly consumed and take with them so many precious lives.

The true measure of the fire-resistive value of expanded metal lath as a protection for wood was not known until a short time ago; but on the Anniversary of Fire Prevention Day, 1922, the Underwriters' Laboratories announced that a wood-studded partition plastered on both sides by metal lath and plaster, and an ordinary wood-stud floor as commonly constructed, but protected on the under side with metal lath and plaster would resist the intense heat of their Standard Fire Test for over one hour and remain intact and carry its load beyond that period. Shortly thereafter, they announced that ordinary lath and plaster would expose the wood behind it, under the same conditions, in about four minutes. Here, then, lies the secret of the immense life and fire loss in residence construction in America.

Fire preventionists have pointed out the comparison between the fire losses in Europe and America and have attributed it to greater use of incombustible exterior walls in Europe and the common use of frame construction in America. Even the statistics of fires in this country are disregarded when such a conclusion is reached, for we find in the report of the Committee on Statistics on Origin of Fires, dated May 22, 1919, and issued by the National Board of Fire Underwriters, that in the column header, "Percent of Fires Confined to Building or Place of Origin," that the percentages run in the following manner: 99, 91, 98, 98, 97, 94, 100, 96, etc., giving a general grand average for every reported city in the United States, a figure about 96 per cent.

In other words, the fire hazard in America is not due to the spread of fire such as the exterior walls might have some control over, but is due almost to the fires which start in certain buildings and involve that building alone. That is, the interior construction represents 96 per cent of all the fire loss, and the control of this 96 per cent of the fire loss in this country must be the object of the thought placed on improved construction. External construction concerns only 4 per cent of the fires, therefore, it is strange that we have given so much consideration to the 4 per cent and so little consideration to the 96 per cent.

Insurance bodies and Fire Preventionists have given more consideration to the wood shingle than they have given to the wood lath. In many places they have legislated against wood shingles which are a most economical and beautiful roof treatment, when not more than 2 per cent of all the fires in the country can possibly be attributed to conflagrations involving more than two buildings at a time and they have neglected to provide safety from internal fires which form 96 per cent of the hazard. They have given credits for incombustible exterior walls and they have allowed ordinary window glass to be put in windows, vitiating entirely and undoubted safety of the wall itself, and from the engineering standpoint, have neglected the adage that a 'chain is only as strong as its weakest link." It is true that a stucco-covered frame structure would be more fire-resistive than the same structure covered with siding but a conflagration will enter the brick building as quickly as the frame building.

My purpose is not to object to giving credits where credits are due. It is to bring before this Fire Prevention Congress a plea to properly weigh and measure the fire-resistive advantage that better interior construction will provide over a period of years.

Not only does expanded metal lath and plaster resist the fire which is endeavoring to break through the plaster coating and get to the interior of partitions, but any fire which originates inside of a partition has little to feed on with expanded metal lath and plaster on two sides and a flat piece of wood studding whose edges are embedded in plaster as the other two boundaries. True, this wood can ignite, but the horizontal bridging almost universally placed midway between floor and ceiling of these partitions and walls confines such a fire within a very small bulkhead, and fire stops can also be placed at the floor levels to further reduce the chances of spread of fire. The condition inside of a partition, lined with ordinary rough lath of ideal size for starting a fire, is apparent.

It is, therefore, not necessary to depart from the time-honored wood stud and wood joist construction, whether surrounded by a masonry wall or a wood-studded wall covered by either wood siding or stucco, in order to obtain a fire-resistive interior that will give ample protection for the larger majority of fires which statistics show are likely to involve the interiors

There is a type of partially protected fire-resistive construction which will give the greatest protection for the least extra cost. These are houses which are "built like a battleship," in which the expanded metal lath is used to protect the most vulnerable points, as the battleship designer puts the heaviest armour around the turrets and around the boilers. These vulnerable parts are:

1. On all stud bearing partitions and walls and fire stops between studs. (Fire stops to be metal lath basket-shaped to fit between studs, coated with plaster or cement and filled with incombustible materials).
2. On ceilings under inhabited floors, especially over heating plants and coal bins.
3. At chimney breasts, around flues and back of kitchen ranges.
4. For stair-wells and under stairs.
5. Exterior walls.

These are the position in which the greatest probability of fire exists, or the positions in which fire, if it does start, will do the greatest and quickest damage. While this is not an ideal or ultimate solution, its encouragement is a step in the right direction, and on account of the slight additional expense and the crack-resisting advan-

tages can be more quickly advanced than complete protection.

Fire-resistive houses are a present reality. They simply have not been recognized.

A house is being built in one of the suburbs of Chicago as a model of this type of construction. It is being built with the purpose of calling to the attention of the fire prevention world that a fire-resistive house can be built at little extra cost, along the most artistic lines, without deviating in the least from the requirements of the modern housewife as to exterior appearance or internal beauty. In fact, this house will be free from upkeep expense of repairing plaster cracks, redecorating wall surfaces because of stains or dust marks following the contour of ordinary lath, and will be absolutely safe for the lives of the children who are to live in it The extra cost will be not more than 2% of the cost of the building.

Fire resistive houses of this general type exist in many communities, but they are not recognized for their intrinsic value, and they are not encouraged by the insurance fraternity whose powerful influence could do so much to bring a realization of the lessened risk by adequate compensation through reduced rates.

The house I mentioned here has expanded metal lath covering the underside of all floors and both sides of all partitions and walls. The built-in garage is separated completely from the house by this one-hour rated construction and there is only the smallest possible chance that any fire, however started, could gain headway fast enough to get out of control.

The insurance world has given great thought to the question of conflagration, but they have considered conflagration only in the terms of a multiplicity of buildings. There is no reason why they should not take the page from the experience of the Naval engineers and encourage a form of design which will make it impossible for any fire to get out of its room of origin for one hour. The Naval architects, analyzing their problem found that when a leak occurred in the hull of a vessel, that the whole vessel was doomed. They, therefore, developed a system of bulkheads which make each compartment so water-tight that the vessel will float even if an entire compartment is filled with water. Fire prevention engineers have recognized this same principle in large buildings where they have built fire walls, equipping each opening with automatic self-closing doors, and the same engineering principles can be adopted in the modest dwelling. Conflagration of the entire structure can be reduced to the burning out of a single room or compartment. The fires would hereafter be reduced in total damage to the damage in the room of origin only.

We have great hope of the efficiency of fire prevention as taught in the public schools by the elimination of carelessness in the mind of the American youth, but any of you who have children agree with me that the American Youth is very careless and will continue to be so, but probably not nearly as careless as the American adult. Much can be gained by this propaganda, but it is a long process that may and may not bring the desired reduction in fire losses. One thing is certain—built-in fire protection is a constant protection, and fires which originate, outside of all human carelessness, can only be stopped by built-in protection.

Therefore, I say that fire-resistive houses are at present a reality. Their recognition is but a matter of right thinking along the engineering principles, weighing the relative duration of metal lath protected wood construction against the duration of construction as ordinarily built with rapidly inflammable lath, and propertly considering the relatively great importance of interior fire protection against the small amount of external hazard.

Plans Being Completed For Annual Convention of Road Builders

Plans for the annual convention and road show of the American Road Builders' Association in Chicago January 14 to 19, 1924, are practically complete.

Mr. C. M Upham, manager of both events, has worked out with the board of directors of the Highway Industries Exhibitors' Association arrangements for the snow which are satisfactory to all concerned. The two associations are working together in complete harmony practically as a single organization to the one end of making the coming convention and road show the best that have ever been held. The important differences which existed at one time between the two associations hav been entirely removed Solutions have been found for the minor problems which caused some criticism last year Many improvements in the plans for both the convention and the road show also have been made. The one problem which apparently cannot be solved this year is the lack of space to meet the demands of those who desire to exhibit.

The road show will be held in the Coliseum, the Coliseum Annex and the Greer Building, the same as last year. It already is known that demands for exhibit space will greatly exceed the space available. This means that it will be impossible to give all exhibitods exactly the amount of space and the location desired. This problem will be solved in the best way possible. One thing that will be insured is that each exhibitor will have to trim his display down to his very latest products only. These and various other developments are certain to make the 1921 show in evedy way the most successful industrial machinery exhibition ever held.

Mr Upnam has announced that applications for space have been mailed to all previous exhibitors and to a list of others who might be interested. Blanks also will be furnished to all who make application for them to the American Road Builders' Association. 37 West 39th Street, New York City.

Application blanks must be filled out and filed at the above address on or before October 27th. The allotment of space will be made the following week at Chicago by members of the executive committees of the American Road Builders' Association and the Highway Industries Exhibitors' Association.

One requirement of all applicants is that they be a member of the Highway Industries Exhibitors' Association and a contributing member of the American Road Builders' Association. This joint membership may be arranged by prospective exhibitors who are not members through Mr. S. F. Beatty, president of the Highway Industries Exhibitors' Association, 400 North Michigan Boulevard, Chicago, Ill.

The program for the convention provides for much more attention to handling construction and maintenance work, and to relations between the contractor, the engineer and the machinery and material producers than has heretofore been customary. These features of the program are still in process of development. Announcement of the details of them is expected to be made shortly.

1923 ADDS BIG MILEAGE TO FEDERAL-AID ROADWAYS

Federal-aid roads totalling 8,820 miles were completed during the fiscal year ending June 30, 1923, bringing the total of Federal-aid roads completed to 26.536 miles. The mileage completed during the year is classified as follows:

	Miles
Graded and drained	1860.1
Sand-clay	749.5
Gravel	3815.4
Waterbound macadam	335.6
Bituminous macadam	452 9
Bituminous concrete	76.8
Concrete	1440.3
Brick	78 8
Bridges	10.8
	8820.2

The projects under construction at the close of the year amounted to 14,772 miles and were estimated as 55 per cent complete. In addition to the 26,536 miles completed and the 14.772 miles under construction there were at the close of the year a number of projects approved but not yet placed under construction, the aggregate length of which was 6,917 miles.

CALIFORNIA DOOR CO. MOVES

The California Door Co., formerly located at 2127 Shattuck Ave., Berkeley, has moved to new and larger quarters at 1926 Shattuck Ave. near Berkeley Way. The company manufactures sash, doors and blinds.

JAP REBUILDING TO STABLIZE INDUSTRY IS CLAIM

According to a survey just completed by experts on the staff of the Engineering News-Record (New York), the last quarter of 1923 has opened with an apparent stability in the prices of construction materials and labor. Japanese reconstruction requirements already have exerted a firming effect on certain basic materials, the report says, particularly fir lumber.

"The total value of contracts awarded on large engineering projects exclusively reached $173,072,000 during last month," the report declares, "as compared with $141,599,000 during August, representing an increase in money value of 26 per cent above weekly average for same period of 1922."

BUILDING LABOR COST WILL NOT BE LESSENED

There is no likelihood of reductions in the cost of building labor in the near future. This is the conclusion from a survey compiled by S. W. Straus & Company of Chicago, from data gathered at the recent convention of the building trades department of the American Federation of Labor at Portland, Oregon.

"The attitude of labor, as it was expressed at the building trades department convention and in reports and statements by the leaders of organized labor, indicated that in some trades still higher scales can be expected with a continuation of present activities," tahe survey states. "All building labor is employed at the present time, according to reports of union officials."

H. S. WILLIAMS SUES ON STOCKTON CITY HALL PROJECT

Asking that a writ of mandate be issued to force Mayor Raymond J. Wheeler to sign the contract for the construction of the proposed city hall for Stockton, Howard S. Williams, San Francisco contractor who submitted a $398,000 bid for the erection of the structure, filed suit in the superior court Oct. 10. This follows the suit brought on the previous day by Edward L. Gnekow, electrical contractor, who seeks to compel Mayor Wheeler to sign a contract between the city and the plaintiff for electrical work on the proposed city hall.

Williams also seeks to nullify the action of the "new city council on July 2 when it cancelled and rescinded the acceptance of the petitioner's bid. He sets forth that he incurred an indebtedness of $5400 as a premium on the bond on file at the time he executed the contract and also $5000 for draftsmen and engineers.

The petition states that it "has always been the plaintiff's well defined policy, for many years past, to bid only upon contracts which involve large sums of money and upon obtaining such contracts to neither solicit nor accept contracts until such contracts have been fully completed."

In view of this fact, Williams estimates his loss through not accepting work after signing the contract for the city hall building with the old council at between $35,000 and $40,000.

William P. Hubbard is attorney for the plaintiff.

PUBLICATIONS

Southern Pine Manual of Standard Wood Construction," published by the Southern Pine Association, New Orleans, Louisiana, has just been issued and is ready for distribution to architects, engineers, contractors, retail lumber dealers, and others interested. This is the ninth revised edition, and has been declared to be the most complete and up-to-date timber handbook in existence. It retains the entire text of the eighth edition, but has been revised and enlarged to include: latest requirements for floor and roof loads of the largest cities; new material on wood block floor paving and construction; details for design of light wood roof trusses on spans up to 125 feet; timber working stresses and design factors based on recent comprehensive tests of commercial Southern pine; and safe working loads for bolted, nailed and spiked connections. It is priced at $1.50.

The Barber Asphalt Company, Land Title Building, Philadelphia, has issued a booklet of instruction to show the contractor how to use the Barber Brand Cold Repair Cement, used for repairing roads, and constructing railroad crossings and station platforms. The booklet is intended not only to acquaint former users with the best methods of employing the product, but also to inform new users of its advantages.

Aston Step Wall Co., 149½ Twenty-first street, Portland, Ore., has issued an 8-page circular covering Aston Step Wall System for construction of wharves, retaining walls and dam walls, "as basic invention reducing costs and increasing stability." Detailed drawings and specifications are featured in the circular.

Department of Interior Studies Timber Used for Mining Operations

The kinds of timber used in mining operations are as varied as the localities in which the mines occur, states the Department of the Interior as a result of a study of the timbering of metal mines just completed by the Bureau of Mines. In some districts in which there is a scarcity of good timber, such as in the Southwest, the prospector and small mine operator use the dwarf varieties usually found in these arid regions, such as mequite, sage brush, juniper, cottonwood, pinon, etc.

Long-grained timbers such as pine, fir, spruce, oak, and chestnut are preferred because they will crack and split when pressure comes on them, and thus give warning long before they break. Although timbers should be long-grained, strong, and elastic, they should not be too heavy. Oak and chestnut and other long-grained hardwoods are strong, but many hardwoods are heavy to handle. Short-grained woods are often unreliable as an indicator of dangerous pressure because they may break without warning

The Bureau of Mines advises that the use of such flexible woods as hickory, eucalyptus, and willow be avoided, if possible, as they bend easily under pressure and do not offer, in proportion to their size, much resistance to the movement of the rock. The willow especially lacks both strength and durability.

Those timbers of the Pacific coast that are best adopted to mining uses are Douglas fir, California fir (white fir), Sitka and white spurce, and yellow pine (bull pine), but western hemlock, cedar, and redwood, also oak, maple, chestnut, and other hard woods are used where most easily available. Sometimes the scorched timber of burned-over districts are used. When the heart of the timber is sound these have proved acceptable; they are cheaper than unscorched timber and are practically as strong.

In Alaska there have been many objections given to the use of native hemlock for mine timber. Some mining companies have preferred to ship in Douglas fir from Washington and Oregon instead of using the native woods. At present the amounts of Alaskan timber being used in the mines there are much larger than formerly. Experiments by the Forest Products Laboratory on Sitka spruce and Alaska hemlock indicate that the better grades of these woods compare favorably with lodge-pole pine and Douglas fir.

A fundamental principle to be kept in mind is that mine timbering should afford adequate support at least expense. Enough timber should be used to insure safety to the workings and to the men, but as timbering is often one of the chief items of cost in mining, the excessive use of timber is an economic waste.

Timbering serves primarily, by the prevention of caving and spalling, to keep the workings open for such time as is necessary for extracting the ore, or for purposes of transportation and ventilation. When the workings are abandoned, the timber therein has fulfilled its purpose and is so much waste material, although some of it may perhaps be recovered for reuse in other parts of the mine.

Because timber suitable for use in mines is becoming increasingly scarcer in nearly all mining districts, and at many places must be shipped in, and because of the labor cost involved and the further fact that most mine timber can not be recovered, there is greater and greater need for exercising good judgment in utilizing timber to the best advantage.

The most important principle of mine timbering is to timber in time; that is immediately after excavation and before the rock inside the natural rock arch becomes broken and begins to settle. It this principle is followed it will same time, mony, and many lives.

The ventilation of a mine has considerable effect on the life of the timber. Damp stagnant air will cause mold and fungus growth which will be followed by decay or rot. All timbered active places in mines should be well ventilated, and special provision should be made for the removal of the damp, hot air which is commonly found underground in pumping stations and around steam lines.

Timbers used in mines are subject to destruction from decay and insect attack, breakage, mechanical wear and fire. It is estimated that under average conditions 50 per cent of the total timber used is destroyed by decay and insect attack. Decay and its accompanying evil, boring by insects, the most destructive agencies acting on underground timber, can be retarded by peeling and seasoning the timbers before use, and by treatment with a suitable preservative. While it may not always be feasible for the small mine operator to use preservatives, peeling and seasoning timbers is always possible. Bark, when left on the timber, retards the evaparation of moisture, leaving the timber more easly attacked by fungus growths, and various woodboring insects.

The average life or green, unpeeled, and untreated timber used in a mine is from one to three years; but by peeling alone, the life of timber when used in dry mine workings may be insreased 10 to 15 per cent. There are several kinds of wood preservatives which have been used successfully on mine timbers—creosote, zinc chloride and sodium fluoride are the ones most commonly used. The bark should always be removed from the timbers before treatment.

The results of this investigation are contained in Bulletin 215, "Timbering of Metal Mines," by E. A. Holbrook, Richard V. Ageton and Harry E. Tufft, which may be obtained from the Department of the Interior, Bureau of Mines, Washington, D. C.

CORRUGATION METHOD OF IRRIGATION IN NORTHWEST

The corrugation method of irrigation, which is used extensively in the Northwestern States for watering uncultivated crops, such as small grains and hay, is described in detail in Farmers' Bulletin 1348, by James C. Marr, recently issued by the United States Department of Agriculture. The principle involved in this method is that of allowing small streams of water to flow through narrow, shallow furrows or corrugations long enough to permit a thorough wetting of the soil between the furrows. It is particularly adapted to regions of rather rough topography, but is not recommended for use generally because it is wasteful of water, time, and labor.

The bulletin is profusely illustrated with drawings of field plans and structures and with photographs of necessary equipment. Copies may be had on application to the Department of Agriculture, Washington, D. C.

TRADE NOTES

The Russell Grader Mfg. Co., of Minneapolis, has entered southern California territory through its California representative, the Coast Road Machinery Co., Fred W. Bildrick, district manager, with temporary office at 407 Chamber of Commerce Bldg., Los Angeles. The Russell Co. is one of the largest manufacturers of road making machinery in the United States, having affiliated plants at Chicago, Kansas City, Memphis and Dallas. The principal products are road machines, elevating graders, scarifiers, dump wagons, plows, scrapers, drag lines, crushing and screening plants, conveyors, etc. A large shipment is being made from the factory for Los Angeles stock. For the present orders are being filled from the Oakland branch.

The paint factory of the Frank W. Dunne Company, Forty-first and Linden Sts., Oakland, has been completed. The plant has a capacity of $500,000 output per year. Charles Hoover is superintendent of the plant. Frank W. Dunne, of Oakland, is president and treasurer of the new company; David M. Dunne of Portland, vice-president, and P. H. Hoare, of Hayward, secretary. The company is capitalized for $150,000.

Henry Z. Osborne, civil engineer, announces the opening of an office for the general practice of engineering at 515 Pacific Finance Bldg., Los Angeles. Mr. Osborne has had 27 years of experience in the Los Angeles city engineering departments, a large part of which was as engineer of streets. He was for several years also chief engineer of the Los Angeles Board of Public Utiltities.

Brown & Stafford, general contractors of Madera, Calif., have dissolved partnership, P. M. Stafford having sold his interest to R. W. Brown, who will continue the business, operating under the name of R. W. Brown Construction Company.

The Wesco Blower & Pipe Company of Louisiana has just opened its new plant at Seventeenth avenue and East Fourteenth street, Oakland, which will cover, at start, 10,000 square feet.

The Missouri Valley Bridge & Iron Co., Leavenworth, Kansas, has closed its branch office at Boise, Idaho, formerly in charge of H. L. Luther, contracting engineer.

P. H. Neill & Company of Napa and the Waterproofed Products Company of Oakland have merged under the name of the Waterproofed Products Company.

General Motors Company is considering Oakland as the location of a Western assemblying plant. The announcement is made by C. S. Mott, vice-president of the company in Detroit.

Dolan Wrecking Company has purchased property in block bounded by Thirteenth, Thirty-first, P and Q Streets, Sacramento and will establish yards on the site.

Tilden Lumber Company, operating the Bruce Lumber & Mill plant of Berkeley, under lease, has taken over the Hansen Hardwood Mill, in that city.

Big Increase Reported For Street Improvements Through Country

Figures just compiled by the Asphalt Association, J. E. Pennybacker, Secretary, for the fiscal year Aug. 1, 1922 to Aug. 1, 1923, show an increase of more than $4,000,000 over the preceding year in funds authorized by the cities of the country for new street construction. The bond issues authorized from Aug. 1, 1921, to Aug. 1, 1923, amounted to $101,421,275. Those authorizid from Aug. 1, 1922 to Aug. 1, 1923, totalled $105,392,734. In addition to the bonds authorized the figures show an additional $98,136,562 in bond issues still under contemplation or consideration. This is more than $1,000,000 in excess of the $97,271,771 still under contemplation as of Aug. 1, 1923.

Of the $105,392,734 authorized for streets during the year Aug. 1, 1922 to Aug. 1, 1923 a total of $88,123,154 worth of bonds were sold and the money made available for construction work. The bonds actually sold exceeded by about $6,000,000 the $82,571,361 in bonds sold during the previous year.

"The compilations show," said Mr. Pennybacker, by way of analysis, "that street construction for automobile and truck traffc in our cities, is growing in extent and is keeping pace with the development of our rural highways. Even the small towns are beginning to lay city types of pavement, such as sheet asphalt and asphaltic concrete."

The reports to The Asphalt Association show that cities and towns in the various states authorized the expenditure by bond issue of funds for street improvement from Aug. 1, 1922, to Aug. 1, 1923, as follows: Alabama, $889,300; Arizona, $15,970; Arkansas, $1,301,715; California, $3,313,605; Colorado, $776,000; Connecticut, $138,000; Delaware, $35,000; Florida, $2,663,944; Georgia, $296,500; Idaho, $106,823; Illinois, $2,745,000; Iowa, $2,709,340; Kansas, $2,645,086; Kentucky, $120,675; Louisiana, $1,537,900; Maine, $25,000; Maryland, $10,000; Massachusetts, $1,372,500; Michigan, $4,281,000; Minnesota, $3,326,642; Mississippi, $510,984; Missouri, $14,898,000; Montana, $26,109; Nebraska, $2,170,257; New Jersey, $2,411,699; North Carolina, $11,735,367; North Dakota, $200,000; New York, $4,342,806; Ohio, $16,151,545; Oklahoma, $30,000; Oregon, $265,773; Pennsylvania, $8,737,000; South Carolina, $1,711,000; South Dakota, $88,300; Tennessee, $2,538,634; Texas, $7,864,500; Vermont, $70,000; Virginia, $1,514,150; Washington, $170,000; West Virginia, $1,454,000; Wisconsin, $417,400 and Wyoming, $46,000. The backward states reporting little or no new funds voted for street improvements were Indiana, Nevada, New Hampshire, New Mexico, Rhode Island and Utah.

City and town bonds for street construction authorized previously or durin the year were reported sold from Aug. 1, 1922, to Aug 1, 1923, by states as follows: Alabama, $953,300; Arkansas, $1,730,000; California, $1,185,208; Colorado, $1,343,000; Connecticut, $328,000; Florida, $940,500; Georgia, $536,000; Idaho, $176,912; Illinois, $219,455; Iowa, $3,396,134; Kansas, $2,895,732; Kentucky, $48,403; Louisiana, $2,760,500; Maine, $25,000; Maryland, $194,000; Massachusetts, $3,751,000; Michigan, $3,873,000; Minnesota, $2,815,616; Mississippi, $310,000; Missouri, $446,500; Montana, $26,109; Nebraska, $4,350,650; Nevada, $60,000; New Hampshire, $105,000; New Jersey, $878,841; North Carolina, $10,140,000; North Dakota, $700,000; New Mexico, $565,000; New York, $4,267,235; Ohio, $12,507,650; Oklahoma, $115,500; Oregon, $161,746; Pennsylvania, $1,392,900; Rhode Island, $194,000; South Carolina, $2,116,000; South Dakota, $525,800; Tennessee, $2,223,099; Texas, $4,456,500; Vermont, $120,000; Virginia, $1,791,500; Washington, $158,418; West Virginia, $1,140,000; Wisconsin, $836,000, and Wyoming, $145,500. Arizona, Delaware, Indiana and Utah reported few, if any bonds sold.

It will be seen from the statistics that Ohio and Missouri lead the country in the amount of street improvement authorized, with North Carolina, Texas and Michigan next in order. Ohio also leads in bonds sold with North Carolina second, Texas third and Nebraska fourth.

NEW TYPE OF BUILDING AT LOUISVILLE

While it is not often a building combines two types of construction, one of such character has recently been started in Louisville, Kentucky. It is the first time such a job has been attempted in that city. The structure to be the new Elks' Club and will be made of steel for the first four floors and of reinforced concrete for the other six. The steel portion has been completed and concrete is now being poured on the upper floors. The reason for this type of construction was that the club needed a large lodge hall on the second floor. As the span would have been so great as to call for extra large concrete arches, demanding unusually bulky columns that would take up too much space, it was necessary to use the steel type of construction for the first four floors. Above the fourth floor the space will be taken up for living quarters, and thus no large spans will be encountered on the upper six stories. The building will be 140 by 180 feet and will cost over $800,000. Joseph and Joseph are the architects, and the George H. Rommel Company the general contractors, both of Louisville.—American Contractor.

LUMBER FIRMS CHARGES R. R. RATE EXCESSIVE

The Los Angeles Lumber Products Company has filed a complaint with the Railroad Commission against the Southern Pacific Company charging that the rates for carload shipments of lumber and box and crate material from San Pedro (Los Angeles Harbor) to various points in Southern California are excessive and discriminatory, and asking the Railroad Commission to eliminate the discrimination against San Pedro and the undue preference in favor of Westwood, California, and other interstate shipping points at Sacramento, by establishing and maintaining from such interstate shipping points to Sacramento points the same rates as those maintained from San Pedro north bound for a similar distance.

The Commission is also asked to award reparation to the complainant for alleged excessive charges collected on such shipments from San Pedro to destinations in the State of California from May 1, 1923, to date. The company asks that a scale of rates be fixed by the Commission that shall be based on a rate of 14 cents per 100 pounds for a distance of 325 miles.

RECLAMATION WORK IS PERILED, SAYS SECRETARY WORK

The entire scheme of government reclamation development is endangered by the present situation of the more important projects, Secretary Work declared, opening the initial session of the fact-finding committee appointed by him to formulate a new reclamation policy. Radical reforms and improvements must be effected, he said, if the settlers were to be protected from loss and the government's interests safeguarded.

The committee includes ex-Governor T. E. Campbell of Arizona, and D. John A. Widtsoe of Salt Lake City.

Complaints from various groups vitally interested in development of arid lands began to reach him soon after he assumed office. Secretary Work told the committee, the complaints covering almost every phase of activity.

"The complaints included charges that in many of the projects the original estimates under which settlers were induced to go upon the projects were from 50 to 100 per cent too low," he said, "and that the actual cost has been so great that it is impossible for the farmers to pay out within the time and manner fixed by law, or even at all; that mistakes, engineering and otherwise, had been made which added materially to the cost of constructed projects; that others had been undertaken that should never have been started; that the overhead costs of the service and many of the individual projects, all borne by water users were burdensome and excessive.

CITIES HOUSING LOANS AT 2.5 PER CENT

Willard Reed Messenger, a delegate from the United States to the International City and Town Planning Conference recently held at Gothenburg, Sweden, has submitted a report of housing conditions in Europe and the United States in which he states that many foreign countries are rendering housing assistance by making loans at 2½ per cent interest. According to Mr. Messenger, rapid progress has been made in Christiania and Amsterdam where such loans wer made; and in England a subsidy made new homes available. In his report to President Coolidge Mr. Messenger states:

"It probably is not expedient nor necessary for the United States Government or for local governments here to participate financially in providing housing facilities, but I do feel that if men of large fortunes and the administrators of large estates would devote part of their resources for the relief of housing shortage they could still receive a fair return and reasonable security and at the same time assist in upbuilding the nation, not only physically but socially and morally."

1922 LUMBER PRODUCTION

The Department of Commerce announces that the total production of lumber during 1922 in the United States was 31,426,922,000 feet. This is an increase of 16.5 per cent when compared with the cut reported for 1921, but a decrease of 9 per cent compared with the cut for 1919.

The production of lath was reported as 2,905,595,000 in 1922, and 1,970,696,000 in 1921, and the production of shingles, 8,068,585,000 in 1922, and 6,843,187,000 in 1921.

Comparing the statistics for 1922 with those for 1921 the greatest changes are shown from the Western states, the states in that region apparently having recovered from the severe depression of 1921.

Asphalt Simplifications Are Announced By Commerce Department

After January 1, 1924, "Too many asphalt grades" no longer will be the complaint of public highway officials, engineers, contractors, and producers, the Department of Commerce having announced that upon that date, the recommendations adopted at its recent asphalt paving conference, will become effective and asphalt grades for use in the construction of sheet asphalt, asphaltic concrete, asphalt macadam, and surface-treated pavements will be reduced from eighty-eight to nine. The number of asphalt grades used as joint filler in the construction of brick and block pavements and various other types has likewise been reduced from fourteen to four.

A complete report of the conference at which the reduction in the number of asphalt varieties was adopted is in process of printing and will be published about December 1 by the Department of Commerce as one of its series on "Elimination of Waste in Industry." It will be entitled "Simplified Practice Recommendation No. 4.—Asphalt" and can be obtained from the Superintendent of Documents, Government Printing Office at Washington at five cents per copy.

The endless multiplicity and nonuniformity of specifications having reached a point which demanded nation-wide co-operative action on the part of engineers, contractors and producers at the suggestion of Secretary Hoover, a systematic approach to a solution was made during the spring and summer by all parties interested and a constructive reduction of the varieties or grades was affected.

Nine definite penetration limits for the construction of sheet asphalt, asphaltic concrete, asphaltic macadam pavements and for surface treatment, and four penetration limits for joint filler for various other types of construction, including brick and granite block pavements, were unanimously adopted at a general conference held at the Department of Commerce on May 28, 1923, and have been officially accented as the standard of practice by the highway engineers of thirty states, the American Society for Testing Materials, the Society for Municipal Improvements, the American Society of Civil Engineers, the United States Bureau of Public Roads, the Asphalt Association, and five manufacturers not members of the Asphalt Association. It was the sense of the conferees that the recommendations should become effective on all deliveries of material after January 1, 1924, and that they should be subject thereafter to annual review and such revision as the industry may desire.

The following table gives the penetration limits as adopted:

(I) For Construction of Sheet Asphalt, Asphaltic Concrete, and Asphalt Macadam Pavements, and also for Surface Treatment.

Penetration Limits

25 to 30	50 to 60	100 to 120
30 to 40	60 to 70	120 to 150
40 to 50	85 to 100	150 to 200

(II) For Joint Filler for Various Types of Construction.

Penetration Limits

30-50	60-70
50-60	85-100

The first is used primarily for brick pavements, and does not require the admixture of sand, whereas the latter three which are identical with three of the grades adopted for asphalt pavement construction, are those which would ordinarily be used in admixture with sand to produce an asphalt grout.

(III) In adopting these limits, it is understood that the producer will furnish asphalts with penetration equal to the mid-point in each range, a plus-and-minus tolerance from that mid-point being acceptable to all parties, but in no case shall the deviation exceed the limits of the grade specified.

SAFETY CONDITIONS IN STONE QUARRYING INDUSTRY IMPROVE

Safety conditions in the stone quarrying throughout the United States showed a slight improvement in 1922 over the preceding year, according to reports received from operating companies by the Department of the Interior through the Bureau of Mines. A tabulation of the operators' reports showed a fatality rate of 1.91 per thousand full-time workers as compared with a rate of 2.00 for the previous year, and an injury rate of 179.92 as compared with 174.54. This reduction in the accident rates, though slight, is particularly gratifying in view of a gain of more than 15 per cent in the volume of work done during the past year.

The Bureau of Mines figures show than in 1922 the quarry industry employed 79,081 men, of whom 48,527 worked in the pits and 30,554 worked at the crushers, rock-dressing plants, and at other outside plants. The men within the quarries averaged 248 work days during the year and worked a total of 12,057,954 shifts, an increase of 11 per cent over the number of shifts worked in 1921; men employed at the outside plants averaged 285 days and worked 8,721,884 shifts, an increase of nearly 22 per cent. The average working time for both groups of men was 263 days and the total number of shifts worked was 20,779,838.

Accidents to men working inside the quarries resulted in 92 deaths and in the injury of 7,049 men, indicating a fatality rate of 2.29 and an injury rate of 175.38; men working at plants outside the quarries suffered 40 deaths and 4,790 non-fatal injuries, showing a fatality rate of 1.38 and an injury rate of 164.76 per thousand employees, based upon a standard year of 300 work days.

The increase in the number of shifts worked by all employees in 1922 was not confined to any single branch of the quarry industry, but was distributed among the seven classes of quarries—cement rock, granite, lime-stone, marble, sandstone, slate, and trap-rock—grouped by the Bureau of Mines for statistical purposes.

R. R. EXTENSION PLANNED

The San Diego Electric Railway Company has applied to the Railroad Commission for a certificate to exercise the rights granted under a franchise by the city council of San Diego to construct and operate an extension of its lines on Woolman Avenue from 30th street, to 39th street, thence to Imperial Avenue; an extensions of its lines from the intersection of State and Ivy streets, along State street to Reynard Way, along Reynard Way to Torrance street and on Goldfinch street to Sutter street, thence westerly to Wellborn street, an extension on 30th street from University Avenue to Adams Avenue; on Kettner Boulevard from Broadway to Chalmers street and thence via private right of way to Hancock street and crossing various streets to a junction with the Mission Beach line.

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $56,000
SAN FRANCISCO, S Pacific Ave. 165 W Broderick.
Three-story and basement frame (12) apartments.
Owner—S. A. & Bella Schwartz.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

Owner Taking Sub-Figures—To Be Done By Day's Work.
APARTMENTS Cost, $50,000
SAN FRANCISCO, SW Bay and Franklin.
Three-story and basement frame and stucco apts. (12 3-room apts.) composition roof, steam heat sys., oil burner.
Owner—Axel Johnson, 632 Belvedere St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $12,000
OAKLAND, 5679 Oak Grove Ave.
Two-story 16-room frame apartments.
Owner—H. S. Butler, premises.

Plans Being Prepared—To Be Done By Day's Work.
APT. BLDG. Cost, $17,500
SAN FRANCISCO, 16th Ave. & Irving.
Two-story and basement frame apt. buildings (tile roof).
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Plans will be complete in a few days.

Plans Completed—Figures To Be Taken Shortly.
REMODEL Cost, $10,000
SAN FRANCISCO, 60 to 66 Sharon.
Remodel flats into 12 apartments.
Owner—John D. & W. T. Garvigan, 1220 Paru, Alameda.
Architect—R. R. Irvine, Call Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $18,090
SAN FRANCISCO, W Valencia 70 S 18th
Three-story and basement frame apts. except painting, wall beds, fixtures, shades and water heaters.
Owner—Marie & Harry Isaakson, 465 Waller St., S. F.
Architect—Chas. F. Strothoff, 2275 15th St., San Francisco.
Contractor—Carl Olson, 4009 26th St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $13,000
SAN FRANCISCO, E 21st Ave., 175 N Balboa.
Two-story and basement frame apartments, (4).
Owner—H. A. Meyer, 485 22nd Ave.
Contractor—Klaus Adler, 493 22nd Ave.

To Be Done By Day's Work and Sub-Contracts.
APARTMENTS Cost, $50,000
SAN FRANCISCO, E Leavenworth 65-6 S Ellis.
Five-story and basement concrete (25) apartments.
Owner—M. Lager & Val Franz, 180 Jessie, San Francisco.

Permit Applied For.
APARTMENTS Cost, $14,000
SAN FRANCISCO, N 18th St. 100 W Valencia.
Two-story and basement frame (4) apartments.
Owner—E. E. O'Dowd, premises.
Architect—O. E. Evans & Co., 359 Pacific Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $30,000
SAN FRANCISCO, Vallejo St. near Taylor.
Three-story and basement frame and stucco studio apts. (9 3-room apts., tile roof).
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $10,000
SAN FRANCISCO, N Fulton 128-10 W Parker Avenue.
Two-story and basement (3) apts.
Owner—Geo. W. Davis, 145 Sutter St., San Francisco.
Contractor—F. A. Legault, 257 8th Ave., San Francisco.

Segregated Figures Being Taken.
APTS. STORES Cost, $125,000
SAN FRANCISCO, S E Ellis & Taylor Streets.
Six-story and basement class "C" reinforced concrete apartments and stores. (42 2-room apartments and 7 stores), cement exterior to ground.
Owner—W. F. Perkins.
Architect—E. E. Young, 2000 California Street, San Francisco.

Permit Applied For.
APARTMENTS Cost, $18,000
SAN FRANCISCO, E Van Ness Ave., 163:3 N Broadway.
Three-story and basement frame, (3 apartments).
Owner—Dr. F. C. Keck, Liberty Bank Bldg.
Architect—W. F. Gunnison & Grace Jewett, 57 Post Street, S. F.

Plans Being Figured.
APARTMENTS Cost, $40,000
BURLINGAME, San Mateo Co., Cal.
Two-story frame and stucco apartment building.
Owner—Dr. A. L. Offield, Burlingame, California.
Architect—W. H. Toepke, Call Bldg., San Francisco, Calif.

Contract Awarded.
APARTMENTS Cost, $93,000
BERKELEY, Alameda Co., Cal. Durant St. near Dana.
Three-story frame and stucco apartment house (29 2-room apts.)
Owner—J. J. Wessel.
Architect—Wm. H. Ratcliff Jr., 1st National Bank Bldg., Berkeley.
Contractor — Walter Sorensen, 3221 Ellis St., Berkeley.

Contractors Taking Sub-Figures.
APARTMENTS Cost, $44,072
SAN FRANCISCO, NE Haight & Webster.
Three-story frame apartment house (12 2 & 3-room apartments).
Owner—Dr. E. C. Dyer, 506 Haight St.
Contractor—Cox Bros. Inc., 1309 9th Avenue.
Grading awarded to Carlin Grading Co.

To Be Done By Day's Work.
APARTMENTS Cost, $20,000
SAN FRANCISCO, N Post 110 E Steiner.
Three-story and basement frame (12) apartments.
Owner—Chas. J. U. Koenig, 520 Church St., San Francisco.

To Be Done By Day's Work and Sub-Contracts.
APT. BLDG. Cost, $40,000
SAN FRANCISCO, N McAllister 137-6 E Larkin.
Five-story and basement reinforced concrete apt. bldg.
Owner—J. Greenback, 49 Plato St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $7000 each
SAN FRANCISCO, W Mason 66 92 118 N Fulton.
Three 2-story and basement frame apts bldgs. (4 apts each bldg.)
Owner—W. R. Voorhies, 12 Loyola Terrace, San Francisco.

LOS ANGELES, Cal.—Architect S. B. Birds, 310 Frost Bldg., has completed preliminary plans for a Class A store and apartment building to be erected on Crown Hill, for a local client; will contain 130 rooms, divided into 65 apartments and 5 stores. Brick walls, 140x90 ft., 4 story and part basement, pressed brick facing, tile and composition roofing, cement and hardwood floors, tile baths and drainboards, steam heating system, storage water heater, wall beds, plate glass, O. P. trim, art stone trim, metal store fronts, automatic electric elevator, ornamental iron; bids will be taken on general contract with heating, plumbing, electric wiring and painting separate.

LOS ANGELES, Cal.—A. W. Kappes Co., 419 San Fernando Bldg., has the contract to erect a 4-room, 20-apartment building on Kingsley Dr. near Melrose Ave., for Gertrude Howard. Two-story, 52x111 ft., frame and plaster construction, composition roofing, pine trim, wall beds, tiled baths, water heaters, gas radiators. Cost, $50,000.

LOS ANGELES, Cal—Arthur T. Hease 1117 Hollingsworth Bldg., has completed plans and has started work for a class C apartment bldg. at cor. 9th and Lake Sts., for L. V. Mavell; will contain 94 apartments and large lobby. Brick walls, glazed brick facing, terra cotta trim, 5-story and basement, 150x150 ft., comp. rfg., 2 elec. aut. elevators, steam htg. sys., storage water htr., hardwd. and tile fls., wall beds, hardw. trim throughout, struc. steel, plate glass, marble, refrigerating sys. incinerators, tiled baths and drainbds., ornam. iron work; $400,000.

LOS ANGELES, California — Architect Ralph O. Beattie, 555 N Western Ave., has completed plans and will take bids for erecting a $50,000 2-story brick store and apt. bldg. opposite the Goldwyn studios in Palms upon the return of the owner, Theobold Felss, from Cincinnati, Ohio. Five stores, 17 apts; probably rug, brick exter. on 2 sides, reinf. conc. members, comp. rf., cem. store fls., iron marquise, hardw. apt. fls., disap. beds, gas rads. tile baths and drainbds., found., 80x90 ft.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
50 Gal. Bbls. $2.00 Gal.
Contains 60% Crude Carbolic Acid in Insoluble Form
5 GAL. CANS 11.25 Net F.O.B. SF.
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO, CALIF.
PHONE SUTTER 69-17

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 80 OFFICE 409 B ST., SAN RAFAEL

SANTA MONICA, L. A. Co., Cal. — Archt. W. W. Ache, 1616 Fourth Ave., is revising plans for the class A apartment-hotel to be erected at Santa Monica for Gilbert F. Stephenson, owner of Miramar Hotel. The bldg. will be increased to 6 stories. Work is being started on the first section which will be L-shaped, 106x180 ft. and will contain 108 apartments; $400,000. Reinf conc. frame and floors, brick and tile filler walls, press, brick and terra cotta facing, tile rfg., hardwood and pine trim, oak fls., tiled baths, wall beds, elevators, steam htg. Gutleben Bros., I. W. Hellman Bldg., will be the contractors.

LOS ANGELES, Cal.—Arthur G Lindley and Chas. Selkirk, 800 Amer. Bank Bldg., are revising plans for a 3-story class D apt. house to be erected at 2376 Thompson St., for William H. Reed; it will contain 33 apts. of 2 and 3 rms. each. Frame and plas. const., comp. rfg, pine trim, oak and pine fls., wall rads., new bids will be taken.

LOS ANGELES, Cal.—Archt. A. R. Hutchason, 924 Van Nuys Bldg., is preparing plans for a 4-story and basement class C apartment house to be erected on Serrano Ave., near Wilshire Blvd.; owner's name withheld. It will contain 102 rooms arranged in 40 apartments; dimensions, 134x52 ft., brick walls, cast stone and face brick exterior, tile and comp. rfg., pine trim and fls., wall beds, tiled baths, steam htg., automatic elevator, incinerator, built-in kitchen equipment and refrigerators; cost $140,000.

LOS ANGELES, Cal.—Archt. and Eng Truesdell & Newton, 304 San Fernando Bldg., are preparing plans for a 2-story store and apt. bldg., to be erected at cor. Virgil St. and Melrose Ave. for Michael Grieco; it will contain 2 stores and 20 2 and 3-room apts. Frame and plas. constr., 50x140 ft., tile and comp rfg., hardwood fls., tile baths and drain boards, gas rads., aut. water htrs., wall beds, O. P. and hardwood trim, plate glass; cost $65,000.

SANTA BARBARA, Cal—F. J. Dingeman, 418 Laguna St., is planning a bungalow court, construction of which he will finance on Mason St., bet. Bath and Castillo. Cost, $50,000. The court will consist of 27 dwellings of 3 rooms each, with three larger dwellings for families with several members. There will be a private garage in connection.

BONDS

BELLEFLOWER, L. A. Co., Cal.—An election will be held in the Excelsior Union high school dist. Oct. 13 to vote on a $201,000 bond issue. The bldgs. planned under a $275,000 bond issue voted some time ago are to be doubled in size. T. C. Kistner Co., 616 Pantages Theatre Bldg., Los Angeles, archt.

SAN BERNARDINO, San Bernardino Co., Cal.—Board of Education has adopted a resolution calling a bond election to vote on a $250,000 bond issue for the building of a new school building at 8th and E streets. Proposed building will contain 40 rooms. Bids for the wrecking of the upper stories of the present building will be asked at once. It is proposed to salvage the material.

SAN JOSE, Santa Clara Co., Cal. — County supervisors sell $10,000 bond issue of Mt. Pleasant School District for premium of $10; proceeds will finance construction of new school building.

SALINAS, Monterey Co., Cal—School board plans to call election to vote bonds of $100,000 to finance construction of new grammar school.

WOODLAND, Yolo Co., Cal. — Until Nov. 5, bids will be rec. by county supervisors for purchase of $22,000 bond issue of Esparto School District; proceeds of sale to finance construction of new school, plans for which are being prepared by Architect Geo. C. Sellon & Co., Mitau Bldg., Sacramento.

LAKEPORT, Lake Co., Cal.—Election held in Upper Lake District to vote bonds of $25,000 to finance construction of new school failed by 11 votes. It is probable that another election will be called.

SAN DIEGO, Cal.—An election will be held early next month to vote on a $750,000 school bond issue for two new junior high school buildings and an auditorium at senior high school.

RIO VISTA, Solano Co., Cal.—Until Nov. 5, bids will be rec. by county supervisors for purchase of $14,000 bond issue of Rio Vista Joint School District; proceeds of sale to finance school improvements.

CHURCHES

Plans Being Prepared.
CHURCH Cost, $40,000 to $50,000
ELMHURST, Alameda Co., Cal.
Two-story frame and stucco church, composition roof.
Owner—Fifth Church of Christ Scientist
Architect—Walter O. Lewis, 460 Montgomery St., San Francisco.

Plans Being Figured.
CHURCH Cost, $25,000
FRESNO, Fresno Co., Cal.
Brick and frame church.
Owner — Northside Christian Church, Fresno.
Architect — Swartz & Ryland, Rowell Bldg., Fresno.

SAN DIEGO, Cal. — Archt. Clarence Decker, San Diego, has completed plans for the new $80,000 church bldg. at 22nd and C Sts., to be built for the Second Church of Christ Scientist. Bldg. will be 48x50 ft., with auditorium seating 900. Brick constr., plaster exter., with terra cotta trim. Andrew Nelson has been given a contr. to erect a temporary bungalow type auditorium seating 500 to be used until the new bldg. is completed.

LOS ANGELES, Cal.—Archt. and Eng Truesdell & Newman, 304 San Fernando Bldg., have completed sketches for an Italian style church bldg., to be erected at cor. 64th and Main Sts., for Parish of St. Columbkille. It will have an auditorium to seat about 700 people, with foyer; brick walls, 2-story, plas. exter., marble entrance, tile rf., steam htg. system, ornam. iron work, part basement, hardwood, tile and cem. fls., O. P. and hardwd. trim; there will be a cloister to connect church with other parish bldgs.

LOS ANGELES, Cal.—Archts Walker & Eisen, 325 Pac. Finance Bldg., are taking bids for erecting a new church bldg. at Hollywood for St. Stephens Episcopal church. Reinf. conc. const., 50x150 ft., brick filler walls, plas. exter, cast stone trim and window traery, art glass windows, clay tile rfg., exposed roof trusses.

FACTORIES AND WAREHOUSES

Contract To Be Awarded Shortly.
COM. BLDGS. Cost, $6000 each
SAN FRANCISCO, S Bryant 286-1½ W 2nd.
Two 1-story reinforced concrete commercial buildings.
Owner—Smith O'Brien & C. B. Hobson, 742 Market St.
Architect—Smith O'Brien, 742 Market Street.

Contractors To Take Sub-Figures Shortly.
SHOP Cost, $18,000
SAN FRANCISCO, N Folsom 378-1½ W Fourth.
Owner—Victor Oxy Acetylene Eq. Co., 884 Folsom St., S. F.
Architect—R. W. Jenkins, 918 Harrison St., San Francisco.
Contractor—Barrett & Hilp, 918 Harson St., San Francisco.

Contract Awarded.
ADDITION Cost, $14,000
SAN FRANCISCO, NE Kansas and 24th.
One-story addition to present 4-story class B warehouse.
Owner — Bass-Hueter Paint Co., 816 Mission St., San Francisco.
Architect—Alfred A. Pyle Jr.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contractor Taking Sub-Figures For Lumber, Steel, Sand, Rock and Gravel.
LOFT BLDG. Cost, $171,160
SAN FRANCISCO, NW Brannan 150 NE 2nd St.
Six-story & basement reinformed concrete loft building.
Owner—Terminal Warehouse Co.
Engineer—W. H. Ellison, 369 Pine St., San Francisco.
Contractor—Clinton Constr. Co., 923 Folsom St., San Francisco.

Contract Awarded.
FACTORY Cost, $23,200
OAKLAND, W Market St. 225 N 8th St.
Two-story concrete factory.
Owner — Ng Shun Leong, Ng Shun Ching & Ng Shun Kay.
Contractor—J. J. Powers, 774 20th St., Oakland.

Contract Awarded.
BUILDING Cost, $13,250
SAN FRANCISCO, S Folsom St. 18-4 E Hampton.
One-story and mez. class C bldg.
Owner—H. L. Anderson.
Architect & Contractor—Jas. H. Hjul, 1342 Mission St., S. F.

MARYSVILLE, Yuba Co., Cal.—Capitol Spark Plug Co., manufacturing the Tri-Bar auto bumper and other automobile accessories has started clearing site for new plant between the state highway and the S. P. r.r. embankment, just north of Harmonton crossing, one mile below Marysville.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3110 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

LOS ANGELES, Calif.—Arch. and Engr. Truesdell & Newton, 304 San Fernando Bldg., have completed plans and have taken bids for a class A laboratory bldg., to be erected at Florence Ave. and Corona St., for American Laboratories of New York City, Cal. plant of Clovers Golden State Grains of Perfume. Reinf. concr. constr., 3-sto. and part basement, plas. exter., 40x88 ft., cem. and hardwood fls., gas furnace and gas rads., hydro elec. elevator steel sash, hollow tile filler walls, steel rolling doors, tin clad pent house, composition roofing, offices.

SALINAS, Monterey Co., Cal.—Clark Seed Co., Salinas, is having plans prepared for a three-story warehouse, 50 by 150 feet.

LOS ANGELES, Cal.—Edwin T. Flaherty Co., 634 I. W. Hellman Bldg., are completing plans for a 6-story class A storage warehouse, to be erected at 62nd and Manhattan Sts., for the Fidelity Fireproof Storage Co. Reinf. conc constr., 6-story, 130x259 ft., conc. exter., comp. rfg., hardwd. tile and cem. fls., plate and wire glass, 3 elec. elevators, sprinkler system, metal skylights; there will be 400 private storage rooms, offices, loading platforms and general storage space.

LOS ANGELES, Cal.—Archt. Kenneth Macdonald, 1305 Brack-Shops Bldg., has completed plans and is taking bids for erecting an 11-sto and basement class A store and loft bldg. on west side of Broadway between 9th and 10th Sts. for A. C. Blumenthal and assoc. It will be occupied by Western Costume Co. It will be 100x150 ft., reinf. conc. construction, press. brick and terra cotta facing; $750,000. Bids are being taken for all work complete in one contract except elevators.

SAN DIEGO, Cal.—D. L. Murray, formerly in charge of a creosoting plant in Somersville, Texas, has been selected by A. T. & S. F. Ry. to superintend the construction of a similar plant on the National City bay front. The new plant will cost $275,000, in addition to which $42,000 will be expended on grading and trackage extension. The plant proper includes four storage tanks of 250,000 gals. capacity each and two working tanks of 100,000 gals. each. The six tanks cost $43,000. The bldgs., which are of steel construction, includes a power house, 40x70 ft., and a cylinder room, 30x130 ft. By Jan. 1, 30,000,000 ft. of lumber will be on hand ready for treatment. The plant will consume more than 3,000,000 gals. of creosote per annum.

RICHMOND, Contra Costa Co., Cal.—Charles Merz, Richmond, is seeking a site in Richmond on which it is proposed to locate a furniture manufacturing plant. Merz proposed to cut 16,000 acres of valuable timber in Southern Mexico and float the logs to Richmond where they are to be cut for the manufacture of furniture. Merz formerly resided in San Francisco.

FLATS

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, W 21st Ave. 200 N Fulton.
Two-story & basement frame (2) flats.
Owner—G. J. Ferrari, 614 Front St., San Francisco.
Contractor—F. A. Legault, 257 8th Ave San Francisco.

Plans Completed.
FLATS Cost$ 16,500
SAN FRANCISCO, N Clay St. 114-6 W Larkin.
Three-story and basement frame (3) flats.
Owner—W. R. Proll, 1607 Clay St., S. F.
Architect—P. Righetti, 12 Geary St., San Francisco.

To Be Done By Day's Work.
FLATS Cost, $8000 ea
SAN FRANCISCO, S Francisco 200 225 and 250 E Octavia.
Three 2-story and basement frame flats bldgs. (2 flats each).
Owner—Sbarboro Detjen & Noonan, N E Chestnut and Octavia Sts., S. F.

Permit Applied For.
FLATS & STORE Cost, $10,000
SAN FRANCISCO, S Union 62½ W Gough.
Three-story and basement frame (2) flats and store.
Owner—V. Regel, 619 Washington St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco.

GARAGES

BENICIA, Solano Co., Cal—Thos. Mahomed, Salinas, will erect one-story garage 60x125 ft. at East 5th and L streets; est. cost $5000. Structure will be leased to interests whose names are withheld until plans are further progressed.

GOVERNMENT WORK AND SUPPLIES

Plans Being Prepared.
BUILDINGS Cost, $600,000
FORT DOUGLAS, Utah.
Group of 15 brick buildings, with tile roof, for training camp.
Owner—U. S. Government.
Architect — Constructing Quartermasters' Office, Fort Mason, San Francisco, Cal.

PEARL HARBOR, T. H.—Plans are being prepared by Bureau of Yards & Docks, Navy Department, Washington, D. C. for motor generator, transformers, switchboard and substation equipment. Work is provided for under Specification No. 4924. Further details will be given when bids are asked.

WASHINGTON, D. C.—Until Oct. 27, 10:30 a. m., bids will be rec. by General Purchasing Agent, Panama Canal for fur. and del. Balboa (Pacific Port) under Circular No. 1564: Iron or steel, brass, bronze, zinc, solder, lead, monel metal, steering engine, high-tension insulators and fittings, electrical wire, cable and fixtures, electric bells, waffle bakers, friction tape, brass valves, hose nails, cable clips. further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, Washington, D. C. for fur. and del. materials to Navy Yards; date for opening bids as noted at end of each paragraph:

Schedule 1414, for Mare Island, 435 hanks sash cord, 6510 pounds cotton twine; Oct. 30.

Schedule 1415, for Mare Island, 3282 padlocks, Oct. 30.

Schedule 1416, for Mare Island, 5000 feet lighting and power wire, Oct. 23.

Sched. 1419, for Mare Island and Puget Sound, 12 steam jacketed kettles, Oct. 30.

Schedule 1420, for Puget Sound, 5000 pounds rust preventative compound, Oct. 30.

Schedule 1421, for eastern and western yards, 53 coffee percolators, Oct. 30

Sched. 1432, for Puget Sound, 20,000 pounds spun oakum, Nov. 6.

Sched. 1433, for eastern and western yards, 6215 pounds sheet copper, 3750 pounds sheet brass, 1000 pounds phosphor bronze bar and 2625 pounds monel metal, Nov. 6.

Schedule 1434, for San Diego and Mare Island, 5350 pounds sheet lead, Nov. 6.

Sched. 1435, for eastern and western yards, steel strands and wire rope, Nov. 6.

Sched. 1437, for eastern and western yards, miscellaneous brushes, Nov. 6.

Schedule 1440, for Mare Island, 3000 yards momie cloth, Nov. 6.

Sched. 1441, for South Brooklyn, 560 feet fuel oil hose, Oct. 30.

Sched. 1442, for Puget Sound, 1 washing machine, Nov. 6.

WASHINGTON, D. C.—Until Nov. 14 under Specification No. 4717, bids will be rec. by Bureau of Yards and Docks Navy Department, to construct fuel oil storage at Mare Island Yard Deposit of $10 req. plans. Following is list of prospective bidders for this work: Cutler-Hammer Mfg. Co., 50 Church St New York City; General Electric Co., Schenectady, N. Y.; American Bridge Co., 302 Wilkins Building, Washington; Chicago Bridge and Iron Works, 30 Church St., New York City; Virginia Machinery and Welt Co., 1319 E Main St., Richmond, Va.; Austin Engineering Co., 121 W 42nd St., New York City; United Iron Works, 580 2nd St., Oakland, Calif.

SAN FRANCISCO—Acme Boiler and Machine Works, 316 2nd St., Oakland, only bidder at $590 awarded contract by Constructing Quartermaster, Fort Mason, to repair oil pump at Fort Winfield Scott.

HALLS AND SOCIETY BUILDINGS

Contract Awarded.
BUILDING Cost, $12,620
OAKLAND, N 14th E Brush St.
One-story concrete Community Center building.
Owner—Jewish Relief Federation of Alameda County.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Contractor—Mission Concrete Co., Call Bldg., San Francisco.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—0223

Figures To Be Taken Next Week.
LODGE BLDG. Cost, $85,000
WOODLAND, Yolo Co., Cal. Bugh and College Sts.
Two-story reinforced concrete lodge building (cement and terra cotta exterior).
Owner—Elks Lodge.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

FRESNO, Fresno Co., Cal. — Fresno Aerie, Fraternal Order of Eagles is having plans prepared for a 3 story fireproof lodge building to be erected at Fresno and M streets; est. cost $50,000.

SAN JOSE, Santa Clara Co., Cal. — San Jose Aerie, Fraternal Order of Eagles, is having plans prepared for a modern two-story lodge building to be erected in North Second street adjoining Labor Temple.

DIXON, Solano Co., Cal.—Dixon Post, American Legion, vote to construct club and community building with funds already in treasury and held from the county under the special tax authorized for veterans' welfare by the Legislature. Structure will be 45 by 70 ft., 2 stories in height and will be erected in Main street.

DINUBA, Tulare Co., Cal.—Graham and Son, Dinuba, at $18,994 awarded contract by Fraternal Hall Association to erect two-story brick and tile lodge and store building in Dinuba, from plans of Friend and Kimzey, architectural designers, U. S. Bank Bldg., Dinuba. Complete list of bids follow:

S. N. Chase, Dinuba	$20,258
Spaith & Payne, Dinuba	19,342
W. F. Vetter, Dinuba	19,990
Miller & Wyatt, Fresno	23,000
V. K. McGinty, Fresno	19,672
Fisher & McGinty, Frseno	24,495
J. B. Hart, Fresno	20,560

HOSPITALS

Completing Plans.
HOSPITAL Cost, $1,750,000
SAN FRANCISCO. Laguna-Honda Blvd. on Relief Home Tract.
Group of 6 2, 3 and 4-story reinforced concrete hospital buildings (Ward building, administration bldg., etc.)
Owner—City and County of S. F.
Architect—John Reid Jr., 1st National Bank Bldg., San Francisco.
Bids will be called for in January or February of 1924.

SAN JOSE, Santa Clara Co., Cal. — L. Lion & Sons, 2nd & San Fernando, San Jose, at $150.90 submit low bid to county supervisors to furnish and install shades in county hospital. Robinson & Sons at $224, only other bidders. Taken under advisement.

SAN FRANCISCO—Board of Supervisors appropriates $2,000 to finance repairs to and installation of oil service and oil storage tank at San Francisco Hospital.

FAIRFIELD, Solano Co., Cal.—American Sterilizer Co., at $2315, awarded contract by supervisors to furnish and install one steam and formaldehyde disinfector in county hospital.

EUREKA, Humboldt Co., Cal.—Until Nov. 13, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to repaint county hospital buildings. Plans and further information obtainable from clerk.

LOS ANGELES, Cal.—Archt. and Eng Truesdell & Newman, 304 San Fernando Bldg., have completed sketches for a club bldg. to be erected at n.e. cor. Willowbrook and Brendo Sts., for the Newman Club of the University of Cal. Southern Branch; will contain assembly room to seat 300, club rooms, banquet hall, chapel, bowling alleys, oces and kitchen. Brick walls, 2-story, tile rf., tile toilets, steam htg. system, hardwd. and tile fls., press. brick facing; $60,000.

EUREKA, Humboldt Co., Cal.—County supervisors, Fred M. Kay, clerk, order plans prepared for installation of refrigerating plant in county hospital.

BAKERSFIELD, Kern Co., Cal.—Until Nov. 5, 10 a. m., bids will be rec. by F. E. Smith, county clerk, to fur. and install screens on Windows of county jail. Cert. check 10% payable to County of Kern req. Plans on file in office of clerk.

HOTELS

PETALUMA, Sonoma Co., Cal.—Nielsen Furniture Co., Petaluma, at approx. $55,000 awarded contract to furnish and install furniture in new Petaluma Hotel, now nearing completion. Structure will be leased to Henry Baker of Oakland. Frederick Whitton, 251 Kearny St San Francisco, construction manager.

DISABLED VET ASKS PICTURE FOR HIS ROOM
Old-Fashioned One of Little Red Riding Hood in Woods Wanted by Billy, in Hospital
By ANNIE LAURIE

What do you think Billy wants forhis Thanksgiving Day surprise? Billy down at Palo Alto in one of the nervous disability wards. Maybe his name is William on the rolls and in his discharge papers.

And he signed William when he enlisted—but back home they call him Billy and today when he is so far from the only home he ever knew that he can never see it again—he's Billy again.

• • •

"Say, there is just one thing I wish somebody would hunt around and get for me. It's a picture—kind of an old-fashioned one, I guess. Did you ever see it? Red Riding Hood coming through the woods with the little red cap: on, you know, and a basket on her arm and a big friendly looking dog for company, and tall trees all around her—I remember that picture when I was a kid. I always thought I'd like to get me a dog that looked like that one. He seemed to be kind of a companion, or something—I believe if I could look up some morning when the daylight is just creeping into the room and see Red Riding Hood there on the wall, all this kind of buzzing in my head that bothers me so would be gone and I could think straight and remember—the way I used to." —Examiner 10/16/23.

ANNIE LAURIE is always present.
• • •
WHEN SOME good deed.
• • •
IS TO be done.
• • •
AND IF Clarence Sand Pratt.
• • •
PRESIDENT AND everything.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
CAN HELP this wonderful writer.
• • •
TO SECURE a picture.
• • •
THEN SANDY Pratt, producer.
• • •
OF CLEAN, sharp sand.
• • •
WILL BE more than happy.

YOU KNOW "Prattco Amber" sand.
• • •
FROM PRATTCO, Monterey County.
• • •
WAS USED for concrete.
• • •
AND PLASTERING and brick mortar.
• • •
FOR THE beautiful buildings.
• • •
AT THE Palo Alto Hospital.
• • •
BUT SANDY Pratt's hope is.
• • •
THAT ANNIE Laurie.
• • •
WILL SECURE enough pictures.
• • •
OF LITTLE Red Riding Hood.
• • •
TO PAPER Bill's room.
• • •
"I THANK you."

Here is Sandy Pratt's picture of Little Red Riding Hood for "Billy" at the Veterans' Hospital at Palo Alto. Sandy hopes this story will cause a dozen good people to send Annie Laurie of the Examiner pictures for Billy.

Figures Being Taken—Bids Close Oct. 31, 1923.
ADDITION Cost, $50,000
SALINAS, Monterey Co., Cal., 150 Main Street.
Four-story reinforced concrete class C hotel addition (cement exterior & composition roof).
Owner — Cominos Hotel, 150 Main St., Salinars.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Figures are being taken as follows:
General Contract.
Plumbing.
Heating.
Electric Wiring.

Preliminary Plans Being Prepared.
HOTEL, ETC. Cost, $100,000
ANTIOCH, Contra Costa Co., Cal.
Two-story (class C brick hotel (70 room, stores and offices).
Owner—Corporation in which Theo Milan, Wm. Bloomfield and Frank Silva are interested
Architect—Walter O. Lewis, 460 Montgomery St., San Francisco.

Contract Awarded.
HOTEL Cost, $44,934
LOS BANOS, Merced Co., Cal., Eye St. (Oberon Hotel).
Two-story reinforced concrete hotel, (22 rooms).
Owner—Triglia & Pedrone.
Architect — Ernest J. Kump, Cowell Bldg., Fresno.
Contractor—M M Finlayson, Los Banos

Sub-Figures Being Taken.
HOTEL & STORE Cost, $115,000
SAN FRANCISCO, S Sutter W Jones St. (80 ft. frontage).
Six-story and basement class C reinf. conc. bachelor hotel & store bldg. 110 rooms and baths, lobby and mez. floor for dancing academy.
Owner—James Welsh, 597 20th Ave., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Work will be done by day's labor under the supervision of the owner. Exterior will be cement plaster.

LOS ANGELES, Cal.—Archts. Kenneth Macdonald Jr. & Co., 1305 Brack-Shops Bldg., are preparing plans for a 14-story and basement class A apt. hotel to be erected at n.w. cor. of Santa Monica and Ocean Blvd., Santa Monica, for A. C. Blumenthal and assoc. It will contain 350 rms., arranged in suites of 2 to 6 rms. each.... dimensions, 100x150 ft., reinf. conc. constr., press. brick and terra cotta facing, plate glass, marble and tile work, hardwd. trim, tiled baths, steam heating, elevators vacuum cleaning; $1,500,000.

LOS ANGELES, Cal.—Gregory R. Evans, 2320 Occan View Ave., has prepared plans for a two-story brick store and hotel building to be erected at the northwest corner of Seventh St. and Shatto Pl. for Elizabeth K. Weaver, 2622 W. 7th St. Dimensions, 55x106 ft., brick walls, pressed brick facing, plate glass windows, steel beams, composition roofing, pine trim, lavatories, tile work. Cost, $50,000.

LOS ANGELES, Cal. — See "Apartments," this issue.

LOS ANGELES, Cal.—Archt. F. M. Tyler, 634 S Western Ave., has prepared plans for a 3-story 81-room hotel bldg to be erected on Sunset Blvd near Bronson Ave., for R. H. Vanderbush, 1231 Poinsettia Dr. Dimensions, 50x169 ft., frame and plas. const., comp. rfg., pine trim, gas. htg., water htr.; $70,000.

POWER PLANTS

PEARL HARBOR, T. H.—Plans are being prepared by Bureau of Yards and Docks, Navy Department, Washington, D. C., for motor generator, transformers, switchboard and substation equipment for Pearl Harbor. Work under Specification No. 4924.

PUBLIC BUILDINGS

Plans Being Prepared.
RESIDENCE Cost $8000
SAN JOSE, Santa Clara Co., Cal. The Willows near San Jose.
One-story frame and stucco 6-room residence with tile roof.
Owner—C. N. Dreishmeir.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

SACRAMENTO, Cal.—Until Nov. 6, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, for fur. and installing chairs, etc., in new court room No. 4 in county courthouse. Cert. check 10% payable to Chairman of Board of Supervisors req. Further information and blanks for bidding obtainable from County Engineer or County Purchasing Agent.

OAKLAND, Cal.—Until Oct. 25, 11 a. m. bids will be rec. by E. K. Sturgis, city clerk, to reset granite steps in main East entrance of Municipal Auditorium. Bond of 25% req. of successful bidder. Plans and forms for bidding on file in office of clerk.

SANTA ROSA, Sonoma Co., Cal.—Countys Supervisors contemplate painting court house. W. W. Felt, Jr., is county clerk.

SEATTLE, Wash.—City plans to issue bonds of $750,000 to finance construction of municipal auditorium.

W. J. Scott, 36 North Sutter St., Stockton, at $20,000 awarded contract to erect new city hall building, a portion of which will be leased to the Government for postoffice quarters. Will be erected at Manteca and Sycamore sts. Two story brick construction. D. W. Baysinger bid $21,283 and Jullus Palm, $22,510.

EL SEGUNDO, L. A. Co., Cal.—Until 8 p. m. Oct. 30, bids will be received by City Clerk Victor D. McCarthy, for furnishing two jail cells, 4.5 ft. x 6.5 ft., by 6.5 ft., all three to occupy a space 9 ft. by 6.5 ft. by 6.5 ft. Construction shall be of lattice and prison plate; automatic jumplock. Detailed spec. on file at office of the city clerk. Cert. check or bond 10%.

WILLOWS, Glenn Co., Cal.—County supervisers plan installation of improved heating system in county court house.

SACRAMENTO, Cal. — Bids will be asked by city council in immediate future to erect firehouse at Second and L streets; est. cost, $45,000, including site for structure. H. G. Denton, city clerk. Dean & Dean, City Library Bldg., Sacramento, are the architects.

INDEPENDENCE, Inyo Co., Cal. — G. L. Albright & Son at $9381, awarded contract by county supervisors to erect American Legion memorial building. Cornell and Milovich, only other bidders for general contract at $9,-841.89. Biship Plumbing and Heating Co. bid $673 to install heating plant.

RESIDENCES

Figures To Be Taken Shortly.
RESIDENCE Cost $—
PIEDMONT, Alameda Co., Cal.
Two-story frame and stucco residence with slate roof.
Owner—Arthur Duncan.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

Contract Awarded.
DWELLING Cost, $10,500
ALAMEDA, Alameda Co., Cal. E Bay St. S San Antonio.
Two-story 9-room frame dwelling and garage.
Owner—R. E. Burns, 1915 Santa Clara Ave., Alameda.
Architect—G. E. Bangs, 1st National Bank Bldg., San Francisco.
Contractor—Alfred Peterson, 3918 Linwood, Oakland.

Plans Being Prepared.
BUNGALOW Cost—
SAN FRANCISCO, Richmond District.
Five 1-story frame and stucco bungalows.
Owner—Withheld.
Architect & Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

Figures To Be Taken Next Week.
RESIDENCE Cost, $15,000
OAKLAND, Vernon St.
Two-story frame and stucco residence with asbestos shingle roof.
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Figures To Be Taken Next Week.
RESIDENCE Cost, $11,000
OAKLAND, Arimo.
Two-story frame and stucco residence and garage. (tile roof).
Owner—Withheld.
Architect—C. W. McCall, Central Bank Building, Oakland.
Figures will be taken for a general contract.

To Be Done By Day's Work.
DWELLINGS Cost, $3950 each
BERKELEY, 1709-11-15-17 Francisco, 1701-5-7-11-15-19-21 McGee and 1708-10-14-18 Virginia St.
15 1-story 6-room dwellings.
Owner—R. J. Pavert, Mercantile Trust Bldg., Berkeley.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

Contracts Awarded.
DWELLING Cost, $10,000
BERKELEY, 1334 Euclid Ave.
Two-story 6-room dwelling.
Owner—Mrs. Jessie Short Jackson, 602 Stockton St., San Francisco.
Architect — Archie Newsom, Nevada Bank Bldg., San Francisco.
General contract awarded to E. H. Adams, 2840 23rd Ave., Oakland.
Painting to Chas. Godin 1730 Jaynes St., Oakland.

Contract Awarded.
DWELLING Cost, $24,800
SAN MATEO, San Mateo Co., Cal 10th St. and Palm Ave.
Owner—Mrs. Aby Wilkinson.
Architect—None.
Contractor—S. A. Born Bldg. Co., Glazenwood.

Contract Awarded.
BUNGALOW Cost, $11,275
SAN MATEO, San Mateo Co., Cal. Ellsworth and Poplar Streets.
Bungalow and garage.
Owner—M. A. Pass.
Architect—None.
Contractor—Chas. Pedersen, 60 Peninsular Court, San Mateo.

Contract Awarded.
DWELLING Cost, $10,700
BERKELEY, 1637 Oxford.
Two-story 12-room frame dwelling.
Owner—Oscar Lalson.
Contractor—Allen & Conrad, 357 12th St., Oakland.

Plans Being Prepared.
DWELLING Cost, $7500
SARATOGA, Santa Clara Co., Cal.
One-story 5-room dwelling with tile roof.
Owner—M. Van Vliet.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $7000
MT. VIEW, Santa Clara Co., Cal.
One-story frame addition of six rooms to residence (Tar and gravel roof)
Owner—Walter E. Kline.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Figures to be Taken in a Week.
RESIDENCE Cost, $6000
BERKELEY, Alameda Co., Cal. Santa Barbara Road.
One-story frame and stucco residence with fireproof shingle roof.
Owner—J. F. Long.
Architect—John Hudson Thomas, 1st National Bank Bldg., Beerkeley.

Completing Plans, Figures to be Taken in Ten Days.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. Kensington Park.
Two-story frame and stucco residence with fireproof roof (8 rooms).
Owner—Prof. J. H. Hilderand
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.

Being Done by Day's Work.
ALTERATIONS Cost, $5000
BERKELEY, Alameda Co., Cal. Arlington Avenue.
Alter residence (add bathroom, interior work, etc.)
Owner—Dr. Clark Burnham.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.

KING'S ORIENTAL STUCCO
Uniform Color and Texture Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco

Plans Being Prepared.
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Cal. Dwight Way and Hillside.
Two-story frame and stucco residence with fire resisting shingles (8 rooms and garage).
Owner—Miss Edith Griffin.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.
Plans will be ready for figures in a month.

To Be Done By Day's Work.
DWELLINGS Cost, $4000 each
SAN FRANCISCO, W Faxon Ave. S De Montford 50 E Jules & SE Cor. S Kensington 108 to 228 E Claremont Blvd. 250 & 275 S Holloway. Ten 1-story and basement frame dwlgs
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.

TUCSON, Ariz.—Bids are being taken this week by Archt. M. H. Starkweather, Tucson, for constructing a 15-rm. Spanish style brick residence on the Rancho Santa Catalina, n.e. of Tucson, for Leighton Kramer, millionaire land owner. The house will have 4 baths. Brick exter., green glazed tile rf., ivory trim., hot water heating system. The basement will contain laundry, maid's room, furnace and fire room. Est. cost $30,000.

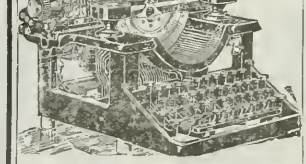
LOS ANGELES, Cal.—Thos. C. Marlowe, 427 Security Bldg., will erect a two-story brick residence on Muirfield Road near Third St, for himself. Robt. D. Farquhar, 427 Security Bldg., is the architect. It will contain 15 rooms, 4 baths; brick walls, clay tile roofing, hardwood and pine trim, oak floors, tiled baths, unit gas heating system, water heating, garage. Cost, $75,000.

SCHOOLS

Plans Being Figured—Bids Close Oct. 29, 1923, 7:30 p. m.
ADDITION Cost, $35,000
SACRAMENTO, Cal., 26th 27th V & W Streets "Newton Booth School".
Addition to school (concrete and brick with tile roof, 4 rooms).
Owner—Board of Education of Sacramento.
Architect—Dean & Dean, City Library Bldg., Sacramento.
See call for bids under Official Proposal Section in this issue.

Plans Being Prepared.
SCHOOL Cost, $92,000
OAKLAND, Alameda Co., Cal., Hawthorne School site.
Two-story reinforced concrete school 9 roooms, auditorium & principal's office.
Owner—City of Oakland.
Architect — John J. Donovan, 1916 Broadway, Oakland.
This structure will replace the one recently destroyed by fire.

MONTEREY, Monterey Co., Cal.—Fred McCrary, Monterey, at $4,372 awarded contract by Monterey Union High School District to finish basement of Science building.



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

LIVERMORE, Alameda Co., Cal.—Trustees of Livermore High School District contemplate construction of gymnasium building to cost $18,000. It is hoped to reduce the cost of the structure to $8,500 by having the manual training department of the school to furnish and prepare the lumber.

SAN FRANCISCO—Golden Gate Iron Works, 1541 Howard street, at $67,100 submits low bid to Board of Public Works for furnishing steel and cast iron for High School of Commerce addition. Other bids: Minneapolis Steel and Machinery Co., $79,885; Stephen Smith Co. $74,429; Western Iron Works $74,526; Pacific Rolling Mill, $70,950.

SAN FRANCISCO—Geo. H. Trask, 39 Natoma St., awarded contract by Board of Supervisors for fur. steel lockers for school department: 800 lockers, 12x12x12-in. for Mission High school, $2.07 each; lockers 12x12x12-in. for Lowell school, $1.62 each.

SACRAMENTO, Cal.— Bids were opened on October 16th, by George B. McDougall, State Architect, Chief Division of Architecture, Sacramento, for the construction of a two-story reinforced concrete gymnasium building with tile roof. It is to be erected in San Francisco at the State Teachers' College.

The first floor will contain lockers, shower rooms, offices, etc., and the second floor two gymnasiums with maple floors and open terrace.

The bids are within the estimate, which was $65,000 and have been taken under advisement. Following is a complete list of the bids received

Roberts Trost, 26th and Howard Sts., San Francisco, $57,113; 100 days.
Carl H. Peterson, San Francisco, $58,830; 180 days.
John Morton, San Francisco, $59,450; 200 days.
Howard S. Williams, San Francisco, $59,520; 120 days.
C. L. Wold Co., San Francisco, $59,963; 240 days.
Beck & Cohn, San Francisco, $61,351; 200 days.
Hayes-Oser Co., San Francisco, $61,684; 180 days.
Larsen-Siegrist Co., San Francisco, $61,777; 200 days.
Peters Constr. Co., San Francisco, $64,300; 150 days
Egan Constr. Co., Stockton, $65,000; 150 days.
Mahony Bros., San Francisco, $65,673; 175 days.
Reilly & Nemetz, San Francisco, $66,980; 180 days.
I. M. Sommer & Co., San Francisco, $67,311; 200 days.

PORTLAND, Ore.—City School Directors approve plans of A. E. Doyle, architect, Worcester Bldg., for proposed Glencoe school; 2 story fireproof, 24 classrooms; est. cost $204,775. Blds will be asked shortly.

BAKERSFIELD, Kern Co., Cal. — Until Nov. 8, 7:30 p. m. bids will be rec. by W. F. Whitaker, secretary, Bakersfield School District for repairing Washington School malthoid roof with one heavy coat of roof paint or a good grade of asphaltum. Cert. check 10% payable to District req. Plans and further information obtainable from secretary.

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

SAN FRANCISCO—D. N. & E. Walter Co., 562 Mission St., at $855 submits low bid to Board of Public Works to furnish and install window and door shades in the Galileo High School. Other bids were: W. & J. Sloane, $1090; B. E. Wilson, $1150.

SACRAMENTO, Cal.—Until Oct. 29, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, for fur. and installing electric lighting fixtures in Sutter school at 21st and L Sts., same to be chain fixtures complete with holder and glass with 4-in. rigid canopies and maximum lighting capacity of 200 watts; height of ceiling in all rooms to be so lighted is 15-ft. **See call for bids under official proposal section in this issue.**

SACRAMENTO, Cal.—Until Oct. 29, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, for painting Sutter School at 21st and L Sts. **See call for bids under official proposal section in this issue.**

SACRAMENTO, Cal.—Until Oct. 29, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, to install furnace and heating system in old Sutter school at 21st and L Sts. **See call for bids under official proposal section in this issue.**

KEYES, Stanislaus Co., Cal.—Until Oct. 26, 7:30 p. m., bids will be rec. by Frank E. Smith, clerk, Keyes School District, to install electrical heating system in school. Wallace H. Hubbert, architect, L. C. Black Bldg., Modesto. Plans on file with clerk and may be obtained from office of architect.

BAKERSFIELD, Kern Co., Cal.—Bids were opened on October 15th, by the Board of Trustees of the Kern County High School, for the construction of class "A" shops building and greenhouse to be erected at the high school site. Plans were prepared by Architect Charles H. Biggar, Bank of Italy Building, Bakersfield. The contracts were awarded to the lowest bidders for the general contract, plumbing and heating on Section "A" (greenhouse omitted). Following is a complete list of the bidders:

General Contract

Henry Eissler, Bakersfield	
Section A	$85,839
Complete	178,595
Currie and Dulgar, Bakersfield	
Section A	91,900
Complete	175,500
Reed Bros., Los Angeles	
Section A	105,972
Complete	197,900
Plumbing and Heating	
Bakersfield Plumbing Co., Bakersfield	
Section A	$10,069
Complete	12,830
Daly Plumbing Co., Bakersfield	
Section A	10,549
Complete	13,463
Burnham Plumbing Co., S. F.	
Section A	$11,154
Complete	14,500
Frank Davidson, Los Angeles	
Section A	11,675
Complete	14,800
Electrical Work	
Kern Valley Elec. Co., Bakersfield	
Section A	$6112
Complete	7863
Star Electric Co., Bakersfield	
Section A	4972
Complete	7889

Action on award of electrical work deferred until November 5th.

SANTA ROSA, Sonoma Co., Cal. —Until Oct. 29, 8 p. m., bids will be rec. by Sara N. Hatch, secy. Board of Education, to const. two tennis courts, involv. 3698 sq. ft. 3-in. bituminous concrete base and 11,220 sq. ft. of 1½-in. Warrenite-Bitulithic surface. Cert. check 5% payable to secy. req. Plans on file in office of Bd. of Educ.

RICHMOND, Contra Costa Co., Cal. —Until Oct. 25, 7:30 p. m., bids will be rec. by W. T. Helms, secy. Richmond Union High School District, for fur. and installing lighting fixtures, lamp globes and other supplies. Complete list of materials desired obtainable from secretary.

FLORIN, Sacramento Co., Calif.—Bids were opened on October 16, by the Board of Trustees of the Florin Grammar School District for the construction of a one-story frame and stucco school building from plans prepared by Architects Woollett & Lamb, Mull Bldg Sacramento. Bids were taken under advisement.

General Contract

Hendon & Finnigan, Sacramento	$15,883
H. W. Robertson, Sacramento	16,780
Jas. Lillico, Elk Grove	17,845
F. H. Betz, Sacramento	17,973
Plumbing	
F. A. McIntyre, 2920 35th St., Sacramento	1,472
Hateley & Hateley, Sacramento	1,593
Luppin & Hawleyy, Sacramento	1,660
Latourrette-Fical Co., Sacramento	1,712
Electrical Work	
Latourrette-Fical Co., Sacramento	454
J. C. Hobrecht, Sacramento	475

BANKS, STORES & OFFICES

Wrecking Contract Awarded—Figures to be Taken Shortly.
OFFICE BLDG. Cost, $375,000
SAN JOSE, Santa Clara Co., Cal. N-First Street.
Ten-story Class A brick and terra office building.
Owner—Commercial Building, Inc.
Architect—Binder & Curtis, 255½ S-First St, San Jose.
Mech. Eng.—Leland & Haley, Holbrook Bldg., San Francisco.
Figures may be called in about two weeks.
The wrecking of the present building is being done by the Dolan Wrecking Company.

Contract Awarded.
AUTOMOTIVE BLDG. Cost, $9227
OAKLAND, Alameda Co., Cal. Lot 8 Blk "G" Map Resbd. Blk "G", Alton Park.
One-story Class C automotive building
Owner — A. W. Kirkham, 429 Staten St., Oakland.
Architect — C. N. Burrell, 1st Trust Bldg., Oakland.
Contractor—Peter Petersen.

Completing Plans—Contract Awarded On A Cost-Plus Basis.
ADDITION Cost, $50,000 approx.
SAN FRANCISCO, S Post E Kearny St., (79 Post St.)
Two-story class A steel frame addition to present 2-story office building (terra cotta exterior).
Owner—Crocker Estate.
Lessee—S. W. Strauss & Co., 79 Post St., San Francisco.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1769
SAN FRANCISCO
LOS ANGELES

Contracts Awarded.
BANK Cost $—
BERKELEY, NW Shattuck St.
Bank finish.
Owner—College National Bank.
Architect—M. G. West Co., 385 Market St., San Francisco.
Marble work to American Marble and Mosaic Co., 25 Columbia Sq., S. F. $4178.
Cabinet Work to Ostlund & Johnson, 1901 Bryant St., S. F., $10,195
Bronze work to Cal. Artistic Metal & Wire Co., 351 7th St., S. F., $4842.

Contract Awarded.
BANK BLDG. Cost, $30,500
OAKLAND, Alameda Co., Cal., Piedmont Ave. and 40th St.
One-story reinforced concrete bank building.
Owner—American Bank.
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco.
Contractor—R. W. Littlefield, 351 12th St., Oakland.

To Be done By Day's Work.
STORE Cost, $12,000
RICHMOND, Contra Costa Co., Cal., S Barrett Ave. E 10th.
Brick veneer store.
Owner—K. J. Henning, Box 1671 Richmond.

Contract Awarded.
OFFICE & FACTORY Cost, $7000
SAN FRANCISCO, Folsom St.
One-story, basement and mez. floor reinforced concrete offics & factory.
Owner—F. Wilbert.
Lessees—Canedy-Otto Mfg. Co 950 Folsom St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—F. L. Hansen, 251 Kearny St., San Francisco.

Contract Awarded.
STORE BLDGS. $30,000 approx. each
SAN FRANCISCO, S Union between Buchanan and Webster Sts.
Two 1-story reinforced concrete store buildings (market & Store).
Owner—Samuel Levin.
Architect—Reid Bros., 105 Montgomery Street., S. F.
Contractor — G. B. Pasqualetti, 2330 Larkin St., San Francisco.

STORES Cost, $10,000
TRACY, San Joaquin Co., Cal. Central Ave. and Tenth St.
One-story brick stores. 25x90 ft.
Owner—Messrs. Kelly, Ansbro & Fraler
Lessee—Piggy Wiggly Stores Co.
Architect—Ralph Morrell, 41 S-Sutter St., Stockton.
Contractor—Carl Nelson, 1421 E-Channel St., Stockton.

LOS ANGELES, Cal.—Architects Curlett & Beelman, 408 Union Bank Bldg., are preparing plans for a Class A store and office building to be erected at the northeast corner of Fifth and Hill Sts., for a syndicate composed of Fred E. Keeler, L. W. Demmison and associate. Reinforced concrete and steel construction, 100x120 ft., brick walls, pressed brick facing, electric elevators, etc.; $1,500,000. Scofield Engr. & Constr. Co., Pacific Finance Bldg., has the general contract.

LOS ANGELES, Cal.—Clarence Bean, 701 Story Bldg., has been awarded a contract at $88,000 for erecting a one-story brick store building on Washington St. near Burlington Ave. for J. B. Alexander. L. A. Pressed Brick Co. has the contract for furnishing terra cotta. John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., are the architects. Brick walls, pressed brick and terra cotta facing, plate glass, steel beams, composition roofing, metal skylights, cement floors.

SAN FRANCISCO—See "Apartments" this issue.

THEATRES

FRESNO, Fresno Co., Cal.—Harry C. Arthur, general manager of the West Coast Theatres, Inc., Los Angeles, owner of the Hippodrome Theatre in Fresno, plans construction of new theatre in this city to cost approximately $150,000. It is proposed to erect a structure seating approximately 1800.

LOS ANGELES, Cal.—Winter Constr. Co., 200 L. A. Ry. Bldg., have the contract at about $200,000 to erect a class A theatre bldg. on w. side of Highland Ave. n. of Hollywood Blvd., facing Yucca St., for a stock company represented by John M. Bowen, atty., Van Nuys Bldg.; theatre will seat about 1600 people, 4 shops, mezzanine fl. which will contain offices and studios, Reinf. concr. constr., 100x150 ft., tile and comp. rfg., concr. exter. walls, marble, terrazzo, hardwd. cement and O. P. fis., basement, steam htg. system, mech. ventilating system, press. brick facing, terra cotta trim, staff and ornam. plas., wrought iron work, steel sash, plate glass, hardwd. trim, fire doors. G. Albert Lansburgh, 700 Jr. Orpheum Bldg., archt.

WHARVES AND DOCKS

HUNTINGTON BEACH, Cal. — Proposed extension of the pier is being discussed pro and con by the city council. It is probable that the work will be held up for some time due to the fact that City Engr. L. F. Gates has found the ocean bottom at the end of the present pier to be sand, and it will require considerable depth and extension to place the pier on the necessary foundation; cost of work may be in the neighborhood of $150,000.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
ADDITION Cost, $57,640
OAKLAND, N Foothill Blvd. 200 W 35th Avenue.
Three-story brick addition.
Owner — Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco.
Architect — Architectural Department of Owner.
Contractor—Monsen Bros., 251 Kearny St., San Francisco.

Plans to be Prepared.
TELEPHONE EXCHANGE Cost, $—
SAN RAFAEL, Marin Co., Cal. NE 4th and H Sts.
Class A telephone exchange.
Owner—Pacific Telephone & Telegraph Company.
Building Engineer—E V. Cobby, 333 Grant Ave., San Francisco.
The property has just been purchased.

SACRAMENTO, Cal.—Until Oct. 25, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to erect firehouse No. 1 at southwest corner of 2nd and L Sts. Cert. check 10% payable to city controller req. Plans on file in office of city clerk. Dean & Dean, Library Bldg., 9th & L Sts., Sacramento, are the architects.

SAN DIEGO, Cal.—I. N. Horne, of Horne's Zoological Arena in Kansas City has contracted to erect and build a complete circus for Harry Payne of San Diego, and Thomas Shaffner and others of Los Angeles. The circus outfit will be a 25-car show. Cost, $500,000. The show will have a capitalization of $1,000,000 with headquarters in San Diego.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Foreign and Domestic Trade Bureau, Chamber of Commerce, Merchants' Exchange Bldg., San Francisco:

7545—Berlin, Germany. Party desires connection with importers of household and kitchen utensils, such as coffee mills, meat choppers, scales, aluminum, etc.

7549—Buenos Aires, Argentina. Firm wishes to secure representation of a manufacturer of bolts, nuts, and washers.

7551—Vienna, Austria. Manufacturers of electric motors, generators, converters, dynamos, etc., desire a selling representative in this territory.

7553—Bremen, Germany. Export house wishes a selling representative for wireless accessories and fancy illuminating glassware.

7554—Bombay, India. Firm desires to represent local manufacturers of hardware and engineering goods. Catalogs solicited.

7555—Berlin, Germany— Hardware exporters seek connection with local importers of German made hardware, cutlery, tools, metal toys and novelties.

7557—Montreal, Canada. Agents in San Francisco for the sale of heat-resisting bricks used in mill furnaces, steel and iron works, etc.

7558—Copenhagen, Denmark. Connection wanted with first class San Francisco firm in position to supply Oregon pine boards 1 by 6 inches for flooring.

7565—New York, N. Y. Young Dutch gentleman, now in New York, is desirous of associating with San Francisco house where his experience is trading in Europe, South America, etc., can be utilized. Well versed in foreign languages and thoroughly acquainted with foreign trade and shipping of above countries. Excellent references

7566—San Francisco, Cal. Gentleman, with thorough business training and experience, and having good connections in China, desires to act as personal representative of San Francisco firm in Orient. Will accept either salary or straight commission. Leaving first week in November.

7567—San Francisco, Cal.—Gentleman, experienced in sale of building materials, is leaving shortly for Japan and will accept a limited number of non-competing lines from San Francisco manufacturers.

D-853—San Francisco, Cal. Gentleman, successful specialty salesman; clean record; thorough business education, experience and acquaintance. Has organized and trained retail salesmen in all sections, and sold the jobbers and retailers throughout the U. S. Desires to locate with reliable firm selling or introducing meritorius goods.

D-857—San Francisco. Executive with ten years experience desires connection with established Eastern manufacturers to build up their San Francisco trade. Thorough knowledge of jobbing business and also credits.

D-858—San Francisco. Gentlemen with ten years experience as mill representative for Eastern steel mills and manufacturers of sheet steel specialties would like to get in touch with new accounts to handle their California or San Francisco trade.

D-859—San Francisco. Mechanical engineer experienced in cane sugar and oil mill constaruction and operation as constructing engineer and mechanical superintendent, supervising inspector of machinery P. C. C., Manila, holding marine engineers certificate, British and Insular, desires connection.

D-862—Oroville, Calif. Party has on hand a carload of old broken steel cables and some electric power cables which have been burned; also some pieces of copper. Desires to get a price on this.

D-863—Honolulu, T. H. Manufacturers' agents representing reliable mainland manufacturers on a commission basis desire to get in touch with manufacturers in San Francisco seeking representation. Maintain centrally located sample rooms in Honolulu and have salesmen visiting the other Islands of the group at regular intervals.

D-864—San Francisco, Calif. Pacific Coast manager of well-known Chicago concern whose headquarters ars in San Francisco is leaving their services on or about January 1, 1924, and is anxious to make connections with some concern along the lines of manufacturer's agent, either a manufacturing concern located along the Pacific Coast or some Eastern concern selling on commission.

D-865—Brunswick, Ga. Naval architect and marine engineer desiring to locate in San Francisco would like to get in touch with shipyards active in shipbuilding or repairing.

CD-111—Washington, D. C. Man with $5,000 desires to connect with business that markets its products on a national scale, preferably in the food product business. This man has already visited San Francisco and does not want any proposition submitted which will not bear the strictest investigation.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE WEST 7810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

Leads for Business

RESTAURANT—The Best-Ever Lunch & Coffee Shop will open at No. 70 4th St. about October 15th.
The B. & G. Sandwich Shop has leased store at 190 O'Farrell St.

RESIDENCES—Supervisor Ralph McLeran purchased a beautiful corner home in Sea Cliff.
George R. Stiles purchased a magnificent dwelling that is nearing completion in Sea Cliff.

OPTICAL—California Optical Co. has leased store on west line of Mission St. 30 feet south of 21st for 10 years.

LEASES—Oct. 3, 1923—F. and A. and B. Baruch to Esreal Singer, NW. Cor. Jessie and Sixth Sts, 62 Sixth St, 5 years, $15,000.
Aug. 14, 1923—Peter E. Zettel, Clarice Griggs and Emma Sanders to William Jebe, 1246 Webster St., 2 years, $50 per month.
Sept. 19, 1923—The Charles Dunn Clinch Company to C. G. Clinch & Company, W Drumm 45-10 S Sacramento S 22-7½xW 70, 10 years. $22,-200.
Sept. 17, 1923—Carrie Seiler to W. Knute, SW Franklin and Redwood Ave W 70xS 40. 5 years, $7350.
Sept. —, 1923—Mrs. Elizabeth T. Moffit to Roy A. Stauffer as Swan Drug Company, SE Geary and 16th Ave., Nos. 5195 and 5199 Geary St., 88 mos. $13,200.
Oct 10, 1923—Joseph N. Kowalsky to M. A. Pickering, E Mason 85 N Eddy No. 124 Mason St. knowns as Arrow Apts., 2 years 10 months 21 days, $29,716.
Oct. 15, 1923—W. C. and Dora M. Smith to Harry and Madeline Lackie, 1710 Larkin St., 10 years, $55,200
ASSIGNMENT OF LEASES—Oct. 4, 1922—J. F. Delaney and Nick Starr to James W. White— — o r — N Mission comg 155 W 6th, Hotel Andrews No. 1018 Mission St.
Oct. 4, 1923—Herbert Chamberlain to Mabel A. Peterson—482 o r 331 W Hyde 111-6 N Post N 26xW 68-9.

REMOVAL—Tokheim Oil Tank & Pump Co., from the Sharon Bldg. to 524 2nd Street.

AUTOMOTIVE—Market St. Auto Rental Co., 1460 Market.
Vondermehden Bros. (batteries and tires) 507 5th.

BELTING—Link Belt Co., 168 2nd to 19th and Harrison.

CANDY—Mrs. Eleanor Walsh, 3599 24th to 1549 Dolores.

CARPET CLEANING — Sunset Carpet Cleaning Works, 40 Eldridge.

CIGARS—P. H. Burns to open store 137 Turk.

DENTISTS—W. E. Towne, 1171 Market.

ELECTRICAL—Crescent Electric Supply Co., 161 7th.

GROCERS—H. T. Sowle, 215 Detroit.

LADDERS—San Francisco Ladder Co., 1348 Valencia to 1224 Folsom.

MACHINERY—C. W. Marwedel (warehouse) 76 1st to Eckert and Jessie.

PRODUCE—S. Traversaro, 430 Davis.

REAL ESTATE — State Realty Co. (Louis Minck) Chronicle Bldg. to 1650 Divisadero.

RESTAURANT — Washington Restaurant, 386 3rd.

SHOW CARDS—C. Wolfe, 1095 Market.

MISCELLANEOUS—Minute Men of the West (with Geo. F. Owens) 681 Market.

LEASES—Oct. 15, 1923, Edward Rolkin to Della Prime, Columbia Apts. SW cor. Polk and Ellis Sts. No. 743 Polk St. 5 yrs $52,800.
Aug. 31, 1923, Isabelle Donahue to V M Putney, SE Ellis and Steiner having frontage of 68-9 on Ellis with a depth 87-6 on Steiner 10 yrs. $155 per month, etc.
Sept. 21, 1923, Anne D. Jacobsen to K. D. Azar, 363 11th Ave. 2 yrs. $840.
Oct. 13, 1923, Lionel B. Feigenbaum to John Grenet and Alphonse Pechoultes, Hotel Shasta 314 Kearny St. NE corner Kearny and Bush Sts. 90 mos. $1080 mo.
Oct. 11, 1923, Pierre Aymard to Geo. Arhancet, S Golden Gate Ave. Metropole Hotel 1105 Golden Gate Ave. 5 years $11,100.
Oct. 12, 1923, William B. and Ada M. Oagnon to Western Theatre Company, S Market bet. 7th and 8th Sts. 12 years 6 mos. $462,000.
May 15, 1923, Harry Lageman to J. F. Delaney, S Embarcadero 229-2 SE Mission 45-10 x 137-6 No. 146 Embarcadero 10 yrs $63,000.
Assigned to Josephine Phillips $10. Sept. 29, 1923, Ermina Traversaro, Ignacio Traversaro, Emanuel and Giustina Bertucci and Luigi and Mary Bacigalupi to Louis and John B. Cordano, N 30 ft frontage and full depth of lots 24, 25 and 26 Woodward sub P V being situate on W Mission bet. 29th and 30th Sts 3372 Mission St 66 mos $13,200.
Sept. 27, 1923, Annie N Farrell to Auguste and Maria Ficat, SE cor 4th and Howard, Netherland Hotel 5 yrs $39,000.

DANCING ACADEMY—Gordon's Dancing Academy has leased the upper floor of the 3-story reinforced concrete store and loft building to be erected at 12th and Oak Sts. in Oakland by M. F. Smith.

REMOVAL—California Door Co., from 2127 University Ave. to 1926 Shattuck Ave. in Berkeley. Phone Bkly 7900.

ACCOUNTANTS — Ernst & Ernst, 220 Montgomery.

ADVERTISING — Wayne-Mead Advertising Agency, Flatiron Building.

ARTISTS—Gillies & Adams, 681 Market

ATTORNEYS—J. V. Filippini, 57 Post to 564 Market, November 1.
J. C. Benson, 57 Post to 564 Market, November 1.

AUTOMOTIVE—B D Davis (used cars) 699 Van Ness Avenue.
Auto Paint Removing Co. (Farley McNeil & Carmody) 464 9th.
Kimmerle Bros., 226 11th.

BAKERIES—Julius Kirsten, 3008 Clement.

BROKERS—Levene & Co. (mdse) 1126 Howard.

CAMPAIGN HEADQUARTERS—Democratic State Central Committee, 681 Market.

CANDY—Pete Whitcomb Candy Company to distribute Remar candies, 303 Kamm Building.

STAND—(with sandwich service) to open 398 Eddy.

CANNERIES—J. F. Butts Co. (2 Pine) announce change of name to Isleton Canning Company.

CIGARS—R. W. Levy bought 399 Geary.
Milligan & Penn, 72 Ellis.

CLEANING & DYEING—Y. Hisashima, 1509 Hyde.

CLOTHING—M. Aronson (2nd hand), 695 Mission.

CONTRACTORS — Burr and Costello (road) to 564 Market, November 1.

DELICATESSEN—E. K. Warden and L. F. Lane to buy Fairmont Delicatessen, 1192 Fine, October 23.

DENTISTS—Dr. A J Daneri, 2008 Union

ELECTRICAL—Baker-Joslyn Company (equipment) 183-199 1st to 490 2nd.

ELEVATORS—General Elevator Company (incorporated $75,000) A. O. Kazeheer, Atty., 614 Mills Bldg.
Enterprise Elevator Company, 531 Jessie.

ENGINEERS — Newman & Hirstel, Hewes Building.

FURRIERS — Beetz Bros. & Co., 475 Haight.

GROCERS—New store to occupy Larkin and Geary.
Healy Bros., 198 Collingwood.

HARDWARE—DeMattal & Picetti, 575

INSURANCE—Carrier & Braddock, Inc. announce change of name to Craig Carrier Co. Mer. Ex. Bldg.

JEWELERS — North Beach Jewelry Company, 1405 Stockton.

LAUNDRIES — Crystal Laundry, 1700 Folsom.

LUMBER — Marin Lumber & Supplyy, Mervin Bldg., 215 Market.

MFRS. AGENTS — L. E. Thayer Co., Marvin Bldg. to 215 Market.

MILLINERY—Fanchon Hat Shop (Mrs. Altha Munter) from 208 to 204 O'Farrell.

PIANO TUNERS—Austin Young, 1604 Divisadero.

(Continued on Page 22)

Official Proposals

INFORMATION TO CONTRACTORS

(Yuba Pass National Forest Highway)

The District Engineer, Bureau of Public Roads, U. S Department of Agriculture, No. 9 Main St., San Francisco, Calif., proposes to advertise the Yuba Pass National Forest Highway Project early in January 1924, for construction during the season of 1924. A location survey has been made of this project and the center line staked. Blueprints showing this center line and tentative grades are ready for distribution to interested contractors. Design and contract quantities have not yet been completed. Approximate quantities are as follows:

Clearing, 10 Acres.
Excavation, unclassified, 135,000 cu. yds.
Concrete, 310 cu. yds.
Corrugated Metal Pipe, 3,500 lin. ft.

The Chief of Survey Party writes as follows:

"The proposed highway will present many attractive features to prospective contractors; a large quantity of excellent team work; some very good work for a light steam shovel; and the fact that the proposed construction is at all points near a good mountain road. Good camping places are in abundance with plenty of running water and camp fuel. There are 370 Stations of the very best team work and 130 Stations of good team work. Some of this, however, may be considered good steam shovel or station work."

As the country will soon be covered by snow, contractors who will want to file bids on formal advertisement should secure plans and go over the work not later than October 25th.

C. H. SWEETSER,
District Engineer.

October 13, 1923.

BIDS WANTED FOR ADDITION TO SCHOOL

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the complete erection of an addition to a school building in accordance with plans and specifications on file in the office of the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, and also in the office of Dean and Dean, Architects, third floor, of City Library Building, 9th and I Streets, Sacramento California.

The said school building is to be erected on the property owned by the School District, at 26th, 27th, V and W Streets, situated in the City of Sacramento, State of California.

On a deposit of $15.00 with the Board of Education, or the Architects, complete sets of plans and specifications may be had by any prospective bidder, and retained for a period of 15 days. The deposit will be returned to the bidder on the return of the plans and specifications in good condition.

Bids must be made on proposals obtained at the office of the Architects, and be signed by the bidder, accompanied by a certified check for at least 10% of the amount of the bid or proposal, certified to by some responsible bank or banker, and made payable to the Secretary of the Board of Education of the Sacramento City School District, said check to be forfeited to and retained by the School District, should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds as required. Bids must be plainly marked on the exterior "Proposal for Additions to Newton Booth School Building."

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall, Sacramento, California, not later than **7:30 o'clock P. M. Monday, October 29th, 1923.**

The Board of Education of the Sacramento City School District reserves the right to reject any and all bids.

BOARD OF EDUCATION, SACRAMENTO CITY SCHOOL DISTRICT,
Chas. C. Hughes, Secretary.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Steel for Bridge—Monterey County)

Office of the Clerk of the Board of Supervisors of Monterey County, October 15, 1923.

Sealed bids will be received by the Clerk of the Board of Supervisors of Monterey County, California, at his office in the City of Salinas, **until 2:00 o'clock P. M., on the 31st day of October, 1923,** at which time said bids will be opened, for furnishing structural steel for a highway bridge crossing the Salinas River at a point near Hilltown, on the Salinas-Monterey road, in Supervisor District No. 2, Monterey County, California.

Plans and specifications for said steel are on file in the office of said clerk, and also in the office of the Standard Industrial Engineering Corporation, San Francisco, California, to which bidders are hereby referred.

Each bid must be accompanied by check, made payable to the chairman of the Board of Supervisors of Monterey County, and certified by some responsible banking house, in the sum of ten per cent of the amount bid.

The Board reserves the right to reject any or all bids.

(Seal). T. P. JOY,
Clerk of the Board of Supervisors of Montery County, California.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., Until 2 o'clock P. M., on November 13, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, of portions of State Highway as follows:

Siskiyou County, between 2 miles south of Hornbrook and Oregon State Line (II-Sis-3-C), about nine and eight (9.8) miles in lenghth to be graded and surfaced with crushed gravel or broken stone.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No Bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated October 15, 1923.

NOTICE TO CONTRACTORS

(Monterey County—Erecting Bridge)

Office of the Clerk of the Board of Supervisors of Monterey County, October 15, 1923.

Sealed bids will be received by the Clerk of the Board of Supervisors of Monterey County, California, at his office in the City of Salinas, **until 2:30 o'clock P. M., on the 31st day of October, 1923,** at which time said bids will be opened, for erecting a highway bridge across the Salinas River, at a paint near Hilltown, on the Salinas-Monterey Road, in Supervisor District No. 2, Monterey County, California.

Plans and specifications for the erection of said bridge are on file in the office of said clerk, and also in the office of the Standard Industrial Engineering Corporation, San Francisco, California, to which bidders are hereby referred.

Each bid must be accompanied by check, made payable to the chairman of the Board of Supervisors of Monterey County, and certified by some responsible banking house, in the sum of ten per cent of the amount bid.

The Board reserves the right to reject any or all bids.

(Seal) T. P. JOY,
Clerk of the Board of Supervisors of Monterey County, California.

NOTICE TO BIDDERS

(City of Sacramento—Sutter School)

Notice is hereby given that sealed bids will be received by the Board of Education of the Sacramento City School District for the purchase and installation of furnace and heating system in the old Sutter School Building, located at 21st and L Streets in the City of Sacramento, State of California. Proposal forms and specifications covering same may be obtained by ap

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Notice: **This product, originally announced as "Floorseal," will hereafter be known as "Fuller Floor Preservative."**

Fuller Floor Preservative

for Magnesite

MAGNESITE must be sealed because of its porous, crystalline structure. Fuller Floor Preservative penetrates deeply and seals magnesite thereby making it non-porous, oil and water-proof without affecting its color.

But Fuller Floor Preservative does more than seal. By filling the voids between the particles of magnesite a continuous, durable surface is formed which resists wear and tear. It prevents grinding-in of dust and dirt which causes the dark stains so often seen on magnesite. The eggshell gloss surface of Fuller Floor Preservative is easily kept clean and can be waxed, painted or varnished if desired.

Fuller Floor Preservative dries over night. If used on magnesite or any porous surface it can be walked on immediately without harming the finish. No skill is required to apply Fuller Floor Preservative. A night watchman or janitor can do it with a rag or brush making the cost of material the only cost.

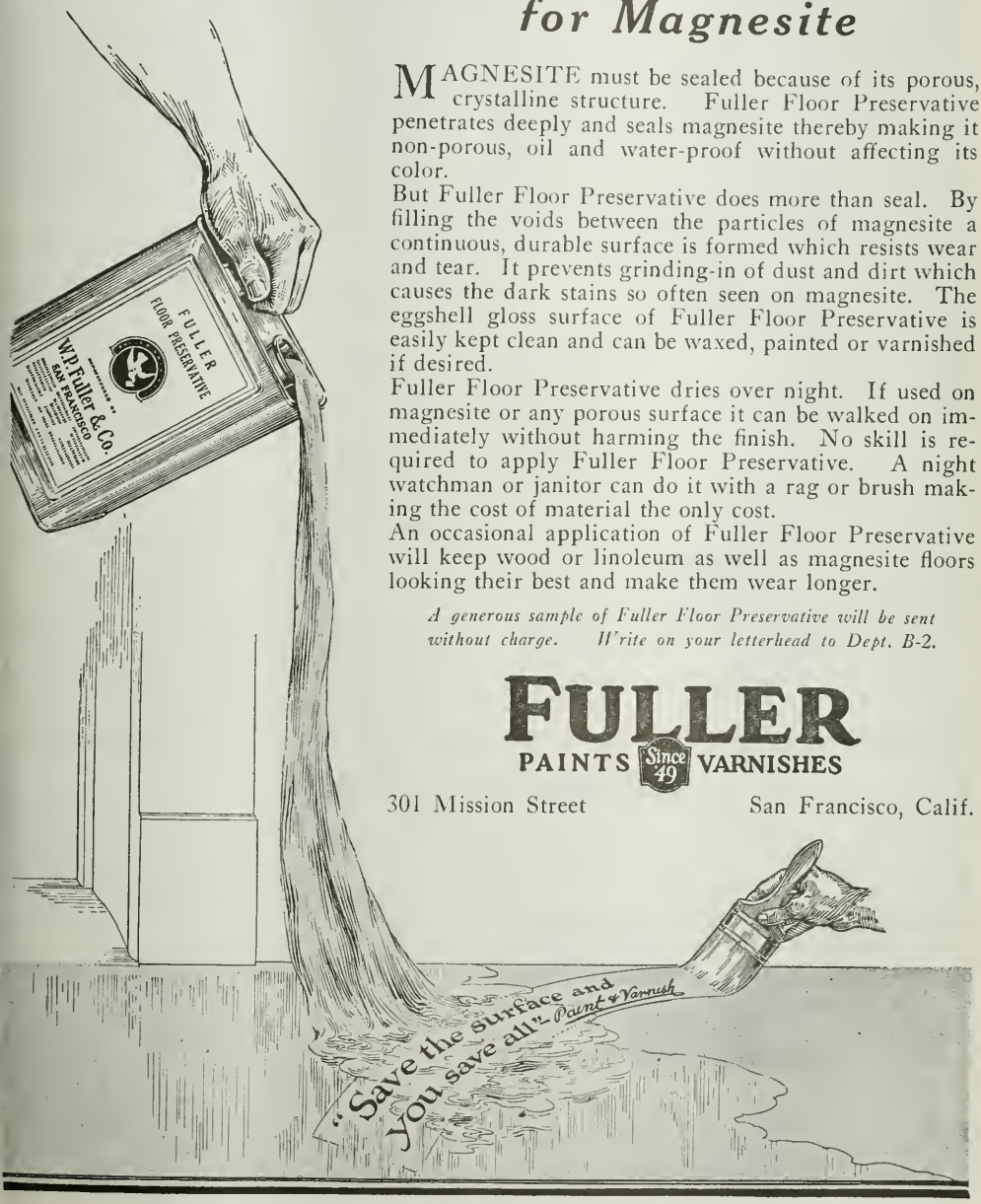
An occasional application of Fuller Floor Preservative will keep wood or linoleum as well as magnesite floors looking their best and make them wear longer.

A generous sample of Fuller Floor Preservative will be sent without charge. Write on your letterhead to Dept. B-2.

FULLER

PAINTS Since 49 **VARNISHES**

301 Mission Street San Francisco, Calif.



plication at Room 301, City Hall Building, Sacramento.

Separate sealed bids will also be received for the painting of the entire building known as the Sutter School Building, located at 21st and L Streets, City of Sacramento, State of California, excluding only that shingled portion which is used as a supply warehouse. Proposal forms and specifications covering conditions may be obtained by application at Room 301, City Hall Building, Sacramento, Calif.

Separate sealed bids will also be received for the purchase of thirty or more electric lighting fixture units complete, the same to be chain fixtures complete with holder and glass with 4-inch rigid canopies and maximum lighting capacity of 200 watts. The height of the ceiling in all rooms to be so lighted is 15 feet.

A certified check for the sum of ten per cent of the amount of the bid or bids, certified to by some responsible bank, must accompany each bid or bids which will be forfeited to the Board of Education should the bidder fail to comply with the terms of his proposal or enter into further contract if required to do so.

In the event of an award of contract being given it is understood that the Board of Education of the Sacramento City School District may exact a bond acceptable in form and contents of an amount sufficient in its opinion to cover performance of contract.

Any further information regarding conditions of the above may be obtained by inquiry at Room 301, City Hall Building, Sacramento, California.

All bids must be filed with the Secretary of the Board of Education of the Sacramento City School District, Room 300, City Hall Building, Sacramento, **not later than 5 o'clock P. M., Monday, October 29th.**

The Board of Education reserves the right to accept or reject any and all bids.

CHAS. C. HUGHES,
Secretary Board of Education, Sacramento City School District.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on **November 7, 1923,** for constructing portions of the State Highway System as follows:

(1) Bids received until and opened at 1:00 P. M. for grading, construction of culverts and placing a gravel surface in Churchill County, between Eastgate and Carroll Summit.

(2) Bids received until and opened at 2:00 P. M. for grading and construction of culverts in Washoe County between Lawtons and 2 miles East of Verdi.

Inspection is invited at this time over the proposed construction between Carroll Summit and Peterson's Ranch, Lander County, which project joins the Churchill County project on the east. Bids for this work will be called for shortly.

Plans may be examined and form of proposal, contract and specifications secured at the office of the undersigned. May also be examined at the County Clerk's Office in Fallon for Churchill County work; and Reno for Washoe County work; the Division Engineer's office in Las Vegas, Reno, or Elko; and District office of Bureau of Public Roads, Bay Building, San Francisco, California. Cash deposit of fifteen dollars, ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided, that they are returned within thirty (30) days after the opening of bids. Bids must be on proposal form of Highway Department and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a surety company, duly authorized to do business in this state, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

BIDS WANTED FOR PUMP & MOTOR AND ADDITION TO PUMP HOUSE

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif Sealed proposals will be received here until 11 A. M., Nov. 5, 1923, for installing pump and motor, and constructing addition to pump house, at Presidio of San Francisco, Calif. Information upon application.

LEADS FOR BUSINESS

(Continued from Page 19)

REAL ESTATE—F. H. Hurlburt, Holbrook Bldg.
Ashbury Realty Company, 1740 Ashbury.

RESTAURANT — Henry's Sandwich Griddle, 54 2nd.
T & D Lunch, 178 Golden Gate Ave.
Best Ever Lunch (C. W. Prentiss), 70 Fourth.

SHIPPERS—H. P. Garin Co. (vegetables), 354 Davis to 405 Sansome.

SLOT MACHINES—Cooper Mfg. Co., agency, 1286 Folsom.

THEATRES — Circle Theatre (Aaron Goldberg) now open 980 Market.

MISCELLANEOUS—Mutual Husbandry Club, Hewes Building.
Barnard Proctor Co., Ltd., Chronicle Building.
La Rue & Hinkley, 116 Geary.
Economy Service Co., 1150 Geary.

ICE CREAM—Royal Velvet Ice Cream Parlor, 540 Haight.

IMPORTERS—Tozai Trading Company Haight.
Marvin Building.

LEASES—Sept. 3, 1923, T. B. Lombardi to H. H. Papa, La Lorraine 1508 Taylor St. near intersn of Pacific St 6 mos $33 per mo.
Oct. 15, 1923, Edward Rolkin to Della Prime, Columbia Apts SW cor Polk and Ellis No 743 Polk St 5 yrs $52,800. Assigned Oct. 15, 1923 to Martin Gunzel val con.
Oct. 15, 1923, Frank S Kelly to Willy Arthur and Della P. Pfau, NW cor Post and Larkin Sts Arden Apts No 1005 Larkin St 5 yrs $33,600.
Oct. 5, 1923, Samuel H and Rebecca Artinvan to William B Hammond, W Polk bet Hayes and Fell sts Stuart Arms Apts No 55 Polk St 10 yrs $102,000.
Oct. 11, 1923, Terminal Warehouse Company to L. H. Butcher Company, NW Brannan 150 NE 2nd 125 x NW 160 10 yrs $132,000.
Oct. 12, 1923, The Lurie Company to Dennis Zabelle, D L Arvanitis and George Morris, SE cor Geary & Larkin Sts., 899 Geary st, 10 yrs $28,800.
Oct. 15, 1923, City & County of San Francisco to Standard Oil Company, SW McAllister and Van Ness Ave S alg W Van Ness 120 to N Ash W alg N Ash 219-9 N 120 to S McAllister E alg S McAllister 219.9 to W Van Ness Ave and pt of beg W A 76 5 yrs, $100 per mo 1st year, $125 per mo 2nd year, $150 per mo 3rd year, $175 per mo 4th year and $200 per mo 5th year.

RELEASE OF LEASE — Oct. 5, 1923, Lionel B Fiegenbaum, A Pechoultres and John Grenet to F A Hihn & Julian Vayssie, 259 o r 291 Hotel Shasta, 314 Kearny St. NE cor Bush.

HABERDASHERY — National Shirt Shop, Inc., 768 Market St. to open new store at 2506 Mission St.

LEASES—Oct. 17, 1923, William and Augusta Greenfield to Edward A. Johnson, SE 18th & Harrison No 405 10th 5 yrs $5400.
Sept. 4, 1923, United Stores Realty Corporation to Alta V. Ohlinger, NE corner Mission & 23rd Sts No 2697 Mission St $200 per mo 4 yrs.
Oct. 17, 1923, A. F. Duncan to Clara Hill, S Clay 80 W Hyde W 37-6 x S 71-3 Ardmore Apts 1525 Clay St 5 yrs $24,000.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Engineering News Section

BRIDGES

SAN FRANCISCO — Healy-Tibbitts Construction Co., 64 Pine St., at $1,192,483.50 awarded contract by Board of Public Works to construct substructures for steel bridge across Dumbarton Straits, under Hetch Hetchy Contract No. 95.

MARTINEZ, Contra Costa Co., Cal.—City Eng. Ben Greene preparing two plans for two bridges, one in Howard and another in Escobar St.; 30-ft. bridge in Howard St., $4780 and for 36-ft. bridge $8100. Escobar St., bridge, 36-ft. $6665 and 24-ft. $5110. Plans will be presented to city trustees shortly for approval.

NEVADA STATE — Kroft & Bundy, Ogden, Utah, at $10,295 awarded cont. by state highway comm. to const. Project No. 54 B, const. steel bridge over Humboldt river near Deeth. Other bids: Jas. J. Burke & Co., Salt Lake City, Utah, $13,150; Security Bridge Co., Ogden, Utah, $15,990.

CALIFORNIA—Chas. L. East, Eureka at $11,168.46 (Eng. est. $10,521) awarded contract by State Highway Commission to paint bridges in Mendocino and Humboldt counties.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Oct. 25, 3 p. m., bids will be rec. by H. E. Miller, county clerk, to const. Waddell creek bridge. Plans obtainable from County Surv. Lloyd Bowman on deposit of $5 returnable.

SANTA CRUZ, Santa Cruz Co. ,Cal.—Until Oct. 25, 3:30 p. m., bids will be rec. by H. E. Miller, county clerk, to const. retaining wall, approx. ¼-mi. long, east of Aptos. Plans obtainable from County Surv. Lloyd Bowman, on deposit of $5, returnable.

NEVADA STATE — Security Bridge Co., Ogden, Utah, at $10,951 awarded cont. by State Highway Commission for Project No. 43, const. timber bridge over Muddy river, near Moapa. Jas. J. Burke Co., Salt Lake City, only other bidder at $12,779.

SONORA, Tuolumne Co., Cal —County Surv. Robert Thom completing plans for bridge over Big Creek at Second Garrote, above Groveland. Bids will be asked shortly

PHOENIX, Ariz. — Shumway Constr. Co., Mesa, submitted low bid to state highway comm., at $21,208 for const. bridge on Tucson-Nogales highway, federal aid project No. 75, involving 300 cu. yds. excav.; 10,000 cu. yds. borrow; 1300 cu. yds. surfacing; 225 cu. yds. struc. conc., and other incidental items. Other bids were: Lown & Woods Nogales, $22,779.62; deWaard & Cobham San Diego, $25,998.21.

Lown & Woods, Nogales low bidders at $22,779.62 for const. four bridges on Tucson-Nogales highway, federal aid project No. 25-B. Involv. 1500 cu. yds. excav.; 16,000 cu. yds. borrow; 1200 cu. yds. gravel surfacing; 1200 cu. yds. structural conc. Other bids were Shumway Constr. Co., $25,209.42; T. J. Boeger, Tucson, $26,749.16; deWaard & Cobham, San Diego, $30,646.98; R. H. Martin, Tucson, $33,561.93. State furnishes materials est. to cost $10,938.45 plus. 10 per cent cost for engineering and contingencies.

Shumway Constr. Co., Mesa, low bidder at $11,698.18 for const. three drainage structures on federal aid project No. 66, on the Tucson-Nogales highway. Other bids were: Lown & Woods, $12,054.15; T. J. Goetger, $13,100.61; deWaard & Cobham, $15,113.81. State furnishes materials on this job amounting to $4526.75.

SALINAS, Monterey Co., Cal.—Until Oct. 31, 2:30 p. m., bids will be rec. by T. P. Joy, county clerk, to erect highway bridge across Salinas River near Hilltown on Salinas-Monterey road, in Supervisor Dist. No. 2. Plans on file with Standard Industrial Engineering Co., 33 New Montgomery street, San Francisco. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal. — Herschbach and Sciarrino, San Jose, at $16,998 awarded cont. by county supervisors to const. rein. conc. bridge on Uvas rd. over Uvas creek, Supervisor Dist. No. 1. Other bids were: William Radtke, $17,980; McComb & Lomax, $18,786; William Martin, $18,395. Surveyor's est. $19,980.

SAN JOSE, Santa Clara Co., Cal. — Wm. Radtke, Gilroy, at $1600 awarded cont. by county supervisors to const. rein. conc. bridge in Live Oak Ave., Supervisor District No. 1. Other bids: Wm. Martin, $1688; Herschbach and Sciarrino, $1723. Surveyor's est. $1690.

SAN FRANCISCO — Healy-Tibbitts Construction Co., 64 Pine Street, San Francisco, at $1,192,483.50 submits low bid to Board of Public Works to construct substructures for steel bridge across Dumbarton Straits, under Contract No. 95, Hetch Hetchy project. San Francisco Bridge Co, Nevada Bank Bldg., San Brancisco only other bidder at $1,248,175. Project involves construction of 36 bridge spans, the most easterly one, out in the bay, to rest on side wall of the concrete caisson. Project involves:

Cylinder Piers—
20,000 cu. yds. mud excavation.
140,000 ft. timber piles, 2350 to be driven, 1500 to be cut off;
3250 cu. yds. concrete placed under water by tremie;
Concrete placed in forms, in dry-number of cu. yds to be placed in piers the total height of which fall between the limits of (a) 0-ft. and 45 ft. (both inclusive) 1250; 46-ft and 50-ft. (both incl.) 2200; 51-ft. to 60-ft. (both incl.), 3350; 61-ft. to 75-ft. (both incl.) 800
600,000 lbs. reinforcing steel.
10,000 lbs. metal work, (to be furnished by city).

Caisson:
8250 cu. yds. mud excavation.
60,000 ft. timber piles, 850 to be driven, 600 to be cut off.
2200 cu. yds concrete placed under water by tremie.
5800 cu. yds. concrete in forms, in the dry.
35,000 lbs. reinforcing steel.
75,000 lbs. metal work (furnished by city).

E. D. BULLARD
announces that after October first, 1923, their Office and Salesroom will occupy
565 Howard St.
San Francisco
Telephones (Unchanged)
Douglas 6320
Douglas 6321
No change in the Los Angeles address,
130 SOUTH BROADWAY

SAN JOSE, Santa Clara Co., Cal. — Wm. Martin, San Jose, at $2130 awarded cont. by county supervisors to const. rein. conc. bridge on Jackson Ave. in Supervisor Dist. No. 2. Other bids: Herschbach and Sciarrino, $2723. Surveyor's est. $2250.

SALINAS, Monterey Co., Cal.—Until Oct. 31, 2 p. m., bids will be rec. by T. P. Joy, county clerk, for fur. and del. structural steel for highway bridge crossing Salinas river near Hilltown on Salinas-Monterey rd. in Supervisor Dist. No. 2. Plans on file with Standard Industrial Engineering Corporation, 33 New Montgomery St., San Francisco. Cert. check 10% payable to Chairman of Board of Supervisors req. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal. — Wm. Martin, San Jose, at $4695 awarded cont. by county supervisors to const. rein. conc. culvert in Alma St. Supervisor Dist. No. 5. Other bids: R. I. Meyerholz, $4487. Surveyor est. $5000.

MARYSVILLE, Yuba Co., Cal.—Until Oct. 24, 2 P. M., bids will be rec. by W. M. Strief, County Clerk, to const. pile bridge over Plumas Lake on Feather River Blvd. Cert. check 10% payable to county req. Plans on file in office of clerk. Leslie B. Crook, county surv.

SAN FRANCISCO—Aristo Paint Co. 39 Tehama St., at $9800 submits low bid to Board of Public Works for painting four bridges, the itemized bid being (a) 3rd and Channel bridge, $3100; (b) 3rd and Islais Creek bridge $5200; (c) 4th and Channel bridge, $900; (d) 6th and Channel bridge, $600. Other bids were:

C. B. Sovig, (a) $5160; (b) $9450; (c) $3700; (d) $580. Total $18,890.

A. Zelinsky, (a) $5160; (b) $11,900; (c) $3900; (d) $660. Total $21,620.

MARYSVILLE, Yuba Co., Cal.—Attorney General Webb rules that Subdivision 12 of Sec. 2369 of the Political Code permits the Yuba County Supervisors to aid the Sutter County Supervisors in financing the construction of a bridge over the Bear River, bet. Rio Oso in Sutter County and Wheatland, Yuba County, even though the bridge proper will be situated entirely in Sutter County territory.

MERCED, Merced Co., Cal.—Bids will be asked by supervisors shortly to construct three bridges, the Arena and Livingston canals on Cressey Way and over Cressey canal on Winton Way. W. E. Bedesen, county surveyor.

DREDGING, HARBOR WORKS AND EXCAVATIONS

NEWPORT BEACH, Cal.—Until 7:30 p. m., Oct. 29, bids will be rec. by city trustees to remove So. Pac. Ry. embankment in Municipal Imp. Dist. No. 2. Plans, etc. may be obtained at the office of Paul E. Kressly, consulting engineer, 732 H. W. Hellman Bldg., Los Angeles. Cert. chk or bond, 10%. Alfred Smith, city clerk.

SAN DIEGO, Cal. — Word has been rec. from Congressman Phil. D. Swing that the govt. will dredge that part of area F, San Diego harbor, directly in front of the new municipal pier and the work will be done at the government's expense. The remainder of the area is to be dredged as a subsequent project.

OAKLAND, Cal.—Until Nov. 12, 10 A. M., bids will be rec. by George E. Gross, County Clerk, to drill test borings to determine strata underlying the proposed site of the Estuary subway bet. the cities of Oakland and Ala-

meda. Cert. check 10% payable to county clerk req. Plans obtainable from Geo. A. Posey, county surveyor, Court House, Oakland.

IRRIGATION PROJECTS

CALIFORNIA — Following is partial list of applications filed during month of September with State Department of Engineering, Division of Water Rights, Sacramento, Calif., for permit to appropriate water:

Applications

Application No. 3623 (Sutter County) R. H. Bailey, Grafton, Cal., for .93 cu. ft. per sec. from Sacramento River for irrigation of 74.56 acres. Est. cost $4000.

App. 3624 (Riverside Co) Temescal Water Company, Corona, Cal., for 3.75 cu. ft. per sec from Indian Creek, for domestic and irrigation of 300 acres in Colony of Corona. Est. cost $7000.

App. 3625 (Riverside County) Temescal Water Company, Corona, Cal., for 3.75 cu. ft. per sec. from Horsethief Creek, for domestic and irrigation of 300 acres. Est. cost $7000.

App. 3626 (Riverside County) Temescal Watero Co., Corona, Cal., for 000 ac. ft. per annum from Mayhew Creek, for domestic purposes and irrigation of 350 acres. Est. cost $1500.

App. 3629 (Mendocino County) Edward O. Haehl, Cloverdale, Cal., for .225 cu. ft. per sec. from well on bank of Dry Creek, for irrigation of 18 acres. Est. cost, $1200.

App. 3630 (Mendocino Co) Central Mendocino County Power Co., Willits, Cal., for 2 cu. ft. per sec. and 500 ac. ft. per annum from James Creek, for municipal water supply of City of Willits and surrounding territory. Est. cost $30,000.

App. 3631 (Mendocino Co) Central Mendocino County Power Co., for 30 cu. ft. per sec. and 2500 ac. ft. per annum from James Creek, for irrigation of 2500 acres. Est. cost $30,000.

App. 3632 (San Bernardino Co) Fred Smith, Etiwanda, Cal., for .16 cu. ft. per sec. from 2 unnamed springs, for domestic and irrigation of 40 acres. Est. cost $4000.

App. 3634 (San Bernardino Co) Temescal Water Co., Corona, Cal., for 20 cu. ft. per sec. and 15,000 ac. ft. per annum from Santa Ana River and Bear Creek, for irrigation of 12,000 acres.

App. 3637 (Mariposa Co) Thomas A. Clarke, 424 Chronicle Bldg., San Francisco, Cal., for 25 cu. ft. per sec. from South Fork Merced River, for generation of hydro-electric energy to be used for operation of Little Wonder Mines. Est. cost $25,000.

App. 3640 (Calaveras Co) F. Figoni and A. Puccinelli, San Francisco, Cal. for 400 ac. ft. per annum from unnamed canyon, for irrigation of 440 acres. Est. cost $8000.

App. 3642 (San Joaquin Co) C. A. Russell, Stockton, Cal., for 1 cu. ft. per sec. from French Camp Slough, for irrigation of 80 acres. Est. cost $1000.

App. 3645 (Colusa Co) Glenn D. Hurst San Francisco, Cal., for 6000 ac. ft. per annum from Salt Creek, for irrigation of 2500 acres.

App. 3648 (Stanislaus Co) Waterford Irrigation District, Waterford, Cal., for 100 cu. ft. sec. from Tuolumne River, for irrigation of lands. Waste water from reservoirs of city of San Francisco.

App. 3650 (Shasta Co) Mt. Shasta Corporation, San Francisco, Cal., for 25 cu. ft. per sec. from Rock Creek, for power purposes. Est. cost $15,000.

App. 3651 (Mono Co) Culver Mining & Leasing Co., San Francisco, Cal., for 7 cu. ft. per sec. from Sheep Creek and Unknown Creek, for domestic and mining purposes at mines. Est. cost $3000.

App. 3655 (Los Angeles Co) City of San Fernando, San Fernando, Cal., for 3619.8 ac. ft. per annum from Pacoima Creek, for municipal purposes in the city of San Fernando. Est. cost $70,000.

App. 3655 (Trinity Co) James G. King Big Bar, Cal., for 1.65 cu. ft. per sec. from Big French Creek, for domestic use and irrigation of 132.5 acres. Est. cost $3000.

Permits Granted

Following is list of permits granted by Water Rights Division during month of September:

Permit No. 1511 (San Mateo Co) Mrs. E. A. Steele Kent, Pescadero, Cal., for 100 ac ft. per annum and 1 cu. ft. per sec. from Greenoaks Creek, for irrigation of 139 acres.

No. 1512 (Los Angeles Co) R. E. Johnson and L. C. Knecht, Fairmont, Cal., for .03 cu. ft. per sec. from an unnamed spring for domestic purposes and irrigation of 0.5 acres. Est. cost, $500.

No. 1513 (San Joaquin Co) River Junction Farms Inc., San Francisco, Cal., for 69.27 cu. ft. per sec. from Stanislaus and San Joaquin Rivers, for irrigation of 5541.54 acres. Est. cost $100,000.

No. 1514 (Humboldt Co) A. Elliott, Eureka, Cal., for 0.25 cu. ft. per sec. from Jacoby Creek, for irrigation of 20 acres. Est. cost, $550.

No. 1515 (Riverside Co) Charles C. Branch et al, Prado, Cal., for .19 cu. ft. per sec. from a spring for irrigation of 15 acres. Est. cost $1000.

No. 1516 (Placer Co) Charles A. Snider, Forest Hill, Cal., for 1 cu. ft. per sec. from Brushy Creek No. 2, for mining purposes near point of diversion. Est. cost $750.

No. 1517 (Los Angeles Co) Malibou Lake Club, Los Angeles, Cal., for .25 cu. ft. per sec. and 200 ac. ft. per annum from Malibou Creek and underflow, for a lake for fish, game and domestic supply. Est. cost $25,000.

No. 1520 (Modoc Co) Curtis Mathews, Fort Bidwell, Cal., for 1.66 cu. ft. per sec. from Pelican Lake, for irrigation of 133 acres near point of diversion. Est. cost $1600.

No. 1522 (Santa Barbara Co) Harvey Bates, Santa Ynez, Cal., for .08 cu. ft. per sec. from 2 unnamed springs, for irrigation of 20 acres. Est. cost $5000.

No. 1523 (Sonoma Co) Chester Von Grofen, Healdsburg, Cal., for .63 cu. ft. per sec. from Mill Creek, for irrigation of 55 acres. Est. cost $700.

No. 1525 (San Bernardino Co) G. V. Back et al, Pine Knot, Cal., for 0.005 cu. ft. per sec. from unnamed stream, for domestic use. Est. cost $500.

NEWHOPE, Cal.—See "Pipe Lines, Wells, Etc.," this issue.

PHOENIX, Ariz. — The Verde River Irrigation & Power Dist., has rejected all bids for the purchase of the $23,000,000 bond issue. The board of directors wish to give several other firms a chance to make extended investigations which have been started. E. W. Michael, pres.

LIGHTING SYSTEMS

SANTA ANA, Cal.—W. A. McNally, 517 S. Bdwy., Pasadena, submitted low bid to city trustees at $54,797, for const. ornam. lighting system in West 4th, West 5th and East 5th Sts. Other bids were: Osborn Electric Co., $55 550; Robertson Electric Co., $65,000; J. A. Lieb, Anaheim, $69,364; H. H. Walker, $69.617; Paulson Constr. Co., $72,334. Action on bids deferred one week.

SACRAMENTO, Cal. — Carl Beaton, city electrician, is preparing estimates of cost to install electroliers in 37th St., bet. J St. and Folsom Blvd., property owners having requested the council to install the system. Council contemplates installation of system in 37th St. south of Y St. Albert Givan, city engineer.

LOS ANGELES, Cal.—Until 10 A. M., Oct. 29, bids will be rec. by Bd. Pub. Wks. to const. lighting system on Sunset Blvd., bet. Sanborn Ave. and the west prolongation of the n. line of Sunset Blvd.

Separate bids to const. ornam. lighting system in Hollywood Blvd., bet. Orchid and La Brea Ave. H. B. Ferris, Secretary.

ENGINEERING, INDUSTRIAL, TECHNICAL & SCIENTIFIC BOOKS
TECHNICAL BOOK COMPANY
Mills Building -- San Francisco
Phone Garfield 19
REPRESENTING
D. Van Nostrand Co., John Wiley & Sons, Inc, J. B. Lippincott Co., Longmans, Green & Co.

LOS ANGELES, Cal.—A. C. Rice, 1963 Santee St., submitted low bid to supervisors at $3300 to const. ornam. lighting system (32 standards) in the Southgate lighting district.

LOS ANGELES, Cal.—Supervisors declare inten. to const. concr. ornam. lighting system in Washington Blvd., bet. Rimpau Ave. and east boundary of Culver City. County Imp. Dist No. 50. Est. cost, $40,603. Total cost of imp. $41,603.

MANHATTAN BEACH, Cal.—Until 8 p. m., Nov. 1, bids will be rec. by city trustees to const. lighting system (posts, wiring, etc.) in Lighting Dist. No. 21. Cert. check 10%. Liewellyn Price city clerk.

FRESNO, Fresno Co., Cal. — Until Oct. 25, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to install 350 electroliers with conduits and appurtenances in portions of Broadway, N-Broadway, J St., Forthcamp, Wishon and Olive Aves. etc., and installation of conduits in portions of Belmont, Mildreda and Webster Aves. All standards to be combination of c.i. and steel with single lamp globe. Standards to be set on cem. conc. base, 2-ft. deep and 2-ft. sq. Conduit to be galv. metal containing wire conductors. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

MACHINERY & EQUIPMENT

CALEXICO, Cal.—Until 8:30 p. m., Nov. 6, bids will be rec. by city trustees for one new 5-ton street sprinkling truck with flusher attachments; 1500-gal. capacity. Paul B. Steintorf, city clerk.

SAN JOSE, Santa Clara Co., Cal. — County supervisors take under advisement bids rec. for furnishing rubber belt for use at Saratoga quarry. Bids were submitted by Ralph Peugh; Garden City Rubber Works; Moenning and Howard; Valley Rubber & Oil Co.; Pioneer Rubber Mills; Nash, Engelhardt; Silva Mfg. Co.; and U. S. Rubber Co.

LOS ANGELES, Cal. — Union Oil Co. has initiated a $1,500,000 bldg. program for the company's storage facilities. It is proposed to build six tanks, each of 480 ft. circumference, with a depth of 55 ft., and a capacity of 75,000 gals. each, on the company's tank farm bet. La Habra and Brea. Work will begin at once.

MADERA, Madera Co., Cal.—Standard Garage, Madera, at $3,400.82 awarded contract by county supervisors for fur. and installing 4 bodies and hoists for trucks owned by county. Other bids were: Stuart S. Smith Co., $3344; G. S. Cheuvront, $3998.50.

HANFORD, Kings Co., Cal.—City Clerk D. C. Williams instructed to advertise for bids for furnishing motor driven street sweeper. Ben. Duffield, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—County Supervisors, H. E. Miller, Clerk, will sell at public auction, Oct 18, 2:30 P. M., one 40-h. p. caterpiliar tread Best tractor. Tractor may be inspected at Frank Cornell's agricultural implement establishment at Salinas, Monterey County.

RIVERSIDE, Cal.—Bids recd. by supervisors for gasoline driven road roller were:

C. W. Powell, Los Angeles, $5500 for one 12-ton, 3-speed opposed gas roller; cast disc; 2% payment in 30 days.

Good Roads Machinery Co., L. A., $5250 for 12-ton, 2-cyl., 3-wheel gas roller.

Calif. Equip. and Supply Co., L. A., $3500 for one 10-ton Buffalo-Springfield roller.

Austin-Western Road Machinery Co., $5225 for one 10-ton single cyl. road roller.

SOUTH PASADENA, Cal.—Moreland Motor Truck Co. awarded cont. by city trustees at $3499.42 for fur. 2½-ton dump truck.

RAILROADS

SAN FRANCISCO—U. S. Steel Products Co., Rialto Bldg., San Francisco, at $43,428.78 awarded contract by Board of Public Works for fur. and del. track materials for Municipal Railway system.

MODESTO, Stanislaus Co., Cal.—Central Pacific Railway Co. applies to city council for franchise to construct and operate for a period of 25 years standard gauge r. r. tracks in various streets within city limits. F. W. McCarton, City Eng. and L. A. Love, City Clerk.

SAN LUIS OBISPO, Cal.—W. B. Burch Lowe Bldg., San Luis Obispo, has contract to construct 8-mi. narrow gauge railroad from Soda Lake on Carisa Plains to foot of Temblor grade. Road is to be constructed for the Pacific Distributing Corp., 85 2nd St., San Francisco, which controls the output of Soda Lake.

LOS ANGELES, Cal. — Frank Karr, vice. and general counsel of the Pac. Elec. Ry., States that work will start soon on the const. of the proposed $3,500,000 subway beginning at the Hill St. station and running to a point on Glendale Blvd. at the junction of First and Second Sts. with the said boulevard. From the Hill St. station the tunnel will run west to Figueroa St., then north to its Glendale Blvd. terminus. The tunnel will cut from 10 to 20 minutes from the Hollywood and San Fernando traffic running time. Actual construction is est. at $2,700,000. Application has been made to the railroad com. for permit to start work.

FIRE ALARM SYSTEMS

SPARKS, Nevada — In addition to purchase of fire equipment city council plans installation of fire alarm system to cost $15,000; funds to be raised through a bond issue.

FIRE EQUIPMENT

BAKERSFIELD, Kern Co., Cal.—Two bids rec. by city council for fur. fire engine:

American La France Co., offered a 1,000-gallon rotary pumping at $13,000, less $1,000 to be allowed for the old engine now owned by city.

Seagrave Co., offered a 1,000-gallon turbine pumper, built according to specifications on Fire Chief Van Meter at $13,160, agreeing to take over four old engines on hand for $1,600.

SAN FRANCISCO—Unail Nov. 5, 2 P. M., bids will be rec. by Leonard S. Leavy, city purchasing agent, for fur. and del. combined engines and hose wagons. Further information and blanks for bidding obtainable from Room 270, City Hall.

CALEXICO, Cal.—Until 8:15 p. m., Nov. 6, bids will be rec. by city trustees for one combination chemical-hose truck fully equipped. Paul B. Steintorf, city clerk.

RESERVOIRS AND DAMS

PORTLAND, Ore.—Bids will be asked shortly by Pos and Allen, engineers, Spalding Bldg., Portland, to const. pipe line and reservoir to furnish Beaverton, Ore., with Bull Run water. Eight inch line will run from city limits of Portland near Burlingame, Capitol Hill Section, to reservoir 1½-mi. west of Beaverton and ¼-mi. from Canyon Rd. Ten and 12-in. line will run from reservoir to connect with present distributing system, in all approx. 7-mi. of pipe. A 500,000-gal. conc. reservoir will be constructed involv. 100,000 excavation.

OROVILLE, Butte Co., Cal. — Bids will be asked shortly by directors of Thermalito Irrigation District to construct Concow Dam. S. J. Norris, Oroville, ch. eng. for dist.

MERCED, Merced Co., Cal.—Until Nov. 8, new bids will be rec. by directors of Merced Irrigation District to construct Exchequer dam. Recently the district rejected bids for this project and proposed to undertake the work by day labor, purchasing the materials in the open market. Upon reconsideration it was decided to ask new bids under revised plans. Starr, Thebe & Anderton, engineers, Sharon Bldg., San Francisco.

PIPE LINES, WELLS, ETC.

NEWHOPE, Cal.—Date for bids on work contemplated in the newly formed Newhope drainage dist., Orange county, has not been set. R. L. Loucks, engr. for the dist., announces that the proposed work involves 5150 ft. 30-in., 9058 ft. 27-in., 3615 ft. 21-in., 2570 ft. 18-in., 15,939 ft. 15-in., 3308 ft. 14-in., 13,105 ft. 12-in., 26,305 ft. 10-in., 41,255 ft 8-in., 7290 ft. 6-in. pipe; 124 sand traps and manholes. Pipes will be laid 8 ft. deep. The present water plane is from 1 ft. to 5 ft. below surface. Plans are not completed. R. L. Loucks, engr., address, city hall, Santa Ana.

LOS ANGELES, Cal.—Until 2:30 p. m., Oct. 26, bids will be rec. by harbor comm., 312 Byrne Bldg., for cast iron water pipe and specials. Spec. 539. Guy W. Wade, secretary.

SOUTH PASADENA, Cal. — McWane Cast Iron Pipe Co., 1007 Central Bldg., Los Angeles, awarded contr. by city trustees at 76.5c lin. ft. for 3000 ft. 4-in. c. i. water pipe f. o. b. Santa Fe siding, South Pasadena. The bid also contained a price of 74c ft. f. o. b. San Pedro.

PORTLAND, Ore. — See "Reservoirs and Dams," this issue. To ask bids on pipe line.

SOUTH PASADENA, Cal.—See "Waterworks," this issue.

PORTLAND, Ore.—Willamette Iron & Steel Works, Portland, at $2,571,404 awarded contract by city council to const. third pipe line from Bull Run water reserve to Portland. Work to be completed in about 2 years.

OROVILLE, Butte Co., Cal. — Bids will be asked shortly by directors of Thermalito Irrigation District for fur. approx. 50,000 ft. pipe. The district plans to lay 23,000 additional feet in 1924. In all approx. 14-mi. of pipe will be laid next year. S. J. Norris, Oroville, is chief eng. for district.

EL SEGUNDO, Cal.—Until 8 p. m., Oct. 30 bids will be rec. by City Clerk Victor D. McCarthy for 8400 ft. 4-in. cast iron water pipe. City reserves the right to increase or decrease the amount by 10%. Spec. on file in office of city clerk. Cert. check 10%.

SALINAS, Monterey Co., Cal.—Coast Valleys Gas and Electric Co., in communication to city council, announces it will install gas mains in following streets during year 1924: West San Luis from Main to Capitol St.; West San Luis from Capitol to West St.; West Gabilan St. from Salinas to Capitol St.; Central Ave. from Main to West St.; Market St. from Sausal to Natividad St.; Main from San Luis to Market St.; North Main St. from Market St. to railroad tracks.

SEWAGE DISPOSAL PLANTS

HOLLISTER, San Benito Co., Cal.—Until Nov. 5, bids will be rec. by city trustees to construct sewage disposal system; est cost $35,000. Clyde F. Smith consulting engineer, 716 Santa Barbara Rd., Berkeley. Project involv. 1225 ft. 14-in. conc. or vit. pipe; 1 manhole; 1165 ft. 10-in. cast iron pipe with supports and bridge over river; 4630 ft. 14-in. conc. or vit. pipe to withstand 35-ft. pressure; 35 ft. 14-in. cast iron pipe; 20 ft. 12-in. cast iron pipe; 1 Imhoff tank, with all appurtenances, pump house, screen house storage tank, etc.; 2 units of sludge and drying beds, under drains etc.; 1 6-in. vertical centrifugal pump, 800 g. p. m. at 15-ft. head, d. c. to 7½ h. p. motor 220 volt, 3 phase, 60 cycle, 40 degrees; 1 6-in. pump as above, to pump 800 g. p. m. sewage without clogging, d. c. to motor as above; concrete work as shown on maps; superstructure one type No. 1 Truscon building, and type 1-S leanto. Dorr Co. screens, 5-ft. diam. 4-ft. face, with all appurtenances. Plans on file in office of clerk and obtainable from engineer.

WATER WORKS

LOS ANGELES, Cal.—Until 2:30 p. m. Oct. 26, bids will be rec. by harbor com. 312 Byrne Bldg., for sprinkler equipment for stock under spec. 536. Guy W. Wade, secretary.

ALAMEDA, Alameda Co., Cal.—City of Alameda and East Bay Water Company sign contract providing for installation of 20-in. water main in Lincoln Ave. extending from Park St. business district to Webster St. business center. Burnett Hamilton, city engineer.

WILLOWS, Glenn Co., Cal.—Glenn County High School District plans to install Byron-Jackson pump to improve high school water system. Est. cost of pupm, $1,500.

SAN DIEGO, Cal.—Calif. Filtre Co. awarded contract by council at about $10,000 to install two additional filtre units at the Torrey Pines Filtre plant. The award was made through the purchasing department.

BAKERSFIELD, Kern Co., Cal. — Bakersfield Water Works, a private concern, has submitted sale price to directors of Bakersfield Water District for holdings of company, which exclusive of the water works, amounts to $339,671. This appraisal, it is understood, does not take into consideration any depreciation on the properties or equipment.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

BERKELEY, Alameda Co., Cal. — Burns and McDonnell Engineering Co., Marsh-Strong Bldg., Los Angeles, employed by the city to study water problem from standpoint of fire protection, will recommend the immediate installation of large mains properly distributed over the city by agreement with the East Bay Water Co. The work will cost in the neighborhood of $400,000. John N. Eddy is city manager.

OAKLAND, Cal.—Edwin O. Edgerton, president of the East Bay Water Co., announces his company is planning to install additional and larger mains in entire East Bay territory. The total expenditure planned in these improvements is placed at approximately $2,250,000.

SAN FRANCISCO — On recommendation of City Eng. M. M. O'Shaughnessy Board of Pub. Wks. requests Supervisors to appropriate $1500 to finance raising to grade high pressure line in 6th St., bet. Brannan and Townsend Sts., the work to be done by the Spring Valley Water Co.

EL SEGUNDO, Cal. — Until 7 p. m., Nov. 5 bids will be rec. by trustees of the El Segundo school district for the purchase of centrifugal pump to handle at least 86,000 gals. water per day. Frank M. Palmer, clerk.

LEWISTON, Idaho — Chanute Construction Co., Chanute, Kansas at $346,-600 awarded contract by city council for waterworks improvement, involv. laying of 6-mi. of c. i. pipe, 4 to 16-in. take up 1-mi. steel pipe, 4-in. to 16-in.; excavate for and const. one 3,600,000-gal. reservoir and one 4,000,000-gal. reservoir; const. purification plant requiring 2000 cu. yds. conc. and 300,000 lbs. rein. steel; filter basins; mixing chambers; settling basins and filtered water reservoir; new intake lines; move and reset present pipe line and install new pipe line. Principal items req. in the project include: 19 fire hydrants, 79 gate valves 4-inch to 16-inch five motor-driven pumps with electric equipment. The filtering equipment consists of four 1½ million gallon per days filter units.

PLAYGROUNDS AND PARKS

FRESNO, Fresno Co., Cal. — Fresno Exchange Club backs movement for bonds issue of $100,000 to finance construction of municipal swimmin gpool. R. Y. St. George, city clerk and Wm. Stranahan, city eng.

SANTA ROSA, Sonoma Co., Cal. — See "Schools", this issue. Bids wanted to construct tennis courts.

PALO ALTO, Santa Clara Co., Cal.—Prel. plans have been submitted to council by J. F. Bxybee, Jr., city eng., for city hall park improvements; est. cost $1683, of which $200 is allowed for shrubbery.

SEWERS & STREET WORK

MARYSVILLE, Yuba Co., Cal.—Until Oct. 24, 2 p. m. bids will be rec. by W. M. Strief, county clerk, to gravel county roads as follows:

Section 1—Extending from the Bdwy in the Townsite of Arhoga, north to the county road 1500 ft., 150 cu. yds.

Section 2—Extending from the north end of Section 1, East to the Western Pacific Railroad 2500 ft., 312½ cu. yds.

Section 3—Extending from the north end of Section 1, North 1 mile, to the North line of Section 18, of Township 14, N. R. 4 East, M. D. B. & M., 5280 ft., 528 cu. yds.

Section 4—Extending from a point 1½ miles north of the end of Section 1, North ½ mile through the lands of E. McGowan, 2640 ft., 264 cu. yds.

Section 5.—Extending from the North end of Section 4, East to the Western Pacific Railway, 1500 ft., 188 cu. yds.

Section 6 — Extending from Lot 16, Block 12, J. J. Taylors, South to Broadway 1½ miles, 7920 ft., 990 cu. yds.

Cert. check 10% payable to county req. Plans on file in office of clerk. Leslie B. Crook, county surv.

SANTA MONICA, Cal.—Council orders imp. of portion of California Ave. bet. Ocean Ave. and 7th St.; grade & pave; const. curbs, walks, san. sewers. Ord. No. 283, 1911 act. John A. Morton, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 29, bids will be rec. by Bd. Pub. Wks. to imp. Melrose Ave., bet. Vermont and Western Aves., involv. 180,-090 sq. ft. 6-in. bitum. paving; 9510 ft. curb; 646 sq. ft. Warrenite-bitul. paving; 44,710 sq. ft. walk; 10,800 sq. ft. walk; 3278 sq. ft. bitum. base paving; 342 sq. ft. asph. paving; storm drain; 3 catch basins.

SANTA BARBARA, Cal — Carreno-Bonilla Co., Santa Barbara, awarded cont. by city trustees at $14,820.97 to const. vit. pipe sewer, consisting of 8-in. pipe, 6-in. vit. hse. sewers, manholes etc., in portions of Robbins, Gillespie, Micheltorena, Sola, Mission, Monterey and other sts.; 1911 act.

SOUTH PASADENA, Cal.—Until 5 p. m., Oct. 29 bids will be rec. by City Clerk Nettie A. Hewitt to imp. under 1911 act:

Bank St., involv. 10,885 sq. ft. 3-in. macadam; 30 ft. curb and 175 sq. ft. gutter.

Fell St., involv. 14,400 sq. ft. 3-in. macad. and 2000 sq. ft. gutter.

Raymond Lane, involv. 18,200 sq. ft. 3-in. macad.

SOUTH PASADENA, Cal.—Ducey & Breitenstein, 151 S Hill Ave., Pasadena awarded cont. by city trustees at $22,-972.60 to imp. Fremont Ave., involving 81,000 sq. ft. 5-in. conc. paving 24.9c sq. ft.; 4400 sq. ft. sidewalk 18c ft.; 525 sq. ft. conl. gutter 24.9c ft.; 1056 ft. sewer connections $1.80 ft.

Pasadena Paving Co., 58 S Fair Oaks Ave., Pasadena, awarded cont. at $15,-060.50 to imp. Gravelia St., involv. 67,-390 sq. ft. 3-in. macadam 10.7c ft.; 2150 lin. ft. grading $1 ft.; 13,490 sq. ft. gutter 22c ft.; 4950 sq. ft. sidewalk 18c ft; 2910 ft. curb 60c ft.; sewers compl. $70, and storm drains compl. $25.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., awarded cont. by supervisors at $99,900 using (a) 5-in. cem. conc. to pave 4.59 mi. highway on Coronado Strand. Bids were taken on three types of pavement (a) 5-in. cem. conc.; (b) 4-in. Willite; (c) 4-in. Warrenite. Other bids were: (a) Cal. Constr. Co., $103.-916; Wells & Bressler, $104,500; H. D. Churchill, $112,000; Isbell Constr. Co., $113,900; (b) Cal. Constr. Co., $99,299.06; Cal. Willite Rd. Constr. Co., $104,928; (c) Cal. Constr. Co., $99,299.06.

HOLLISTER, San Benito Co., Cal. — Myron Hannagan, Hollister, at $.60 cu. yd. awarded cont. by city trustees to grade Furlong alley. F. M. Tomlinson at $.90 cu. yd. only other bidder.

SANTA BARBARA, Cal.—Council declares inten. to imp. Fifth St., bet. State and Anacapa Sts. and portions of other sts. by changing grade; grade & pave with 1½-in. asph. conc. wearing surface on 4-in. cem. conc.; const. cem. conc. gutter 8 ft. wide; stone curbs; cross gutters; conc. driveways; 6-in. vit. main sewers and 4-in. hse. sewers; 1911 act. Geo. D. Morrison, city engr. S. B. Taggart, city clerk.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 24, 11 a. m., bids will be rec. by E. D. Graham, county clerk, to imp. portions of Farmington rd., in Dist. 1 from Farmington to Stanislaus county line, 19,717 ft.; imp. Fairchilds Lane in Rd. Dist. 1, from Stockton Terminal and Eastern R.R. track easterly to Jack Tone rd., 11,500 ft. furnish road gravel or crushed rock to be delivered at Holt station on Santa Fe R.R. or at Black Slough Landing on the San Joaquin river for use in imp. of north branch of W. R. Jacobs rd. No. 338, in Rd. Dist. 1. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from County Surv. F. E. Quail on deposit of $10, returnable.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. 75th ave. from Beck St. northeasterly, involv. grade; const. curbs, gutters and walks and pave. 1911 Act. Protests Nov. 1. W. W. Harmon, city engineer.

SAN DIEGO, Cal.—Calif. Constr. Co., Union Bldg., awarded cont. by supervisors at $32,564.23 to pave 3361 lin. ft. of highway on National Ave. connecting National City and Chula Vista, with 5-in. cem. conc. The roadway is to be 18 ft. wide.

NEVADA STATE—Nevada Contracting Co., Fallon, Nevada, at $92,386.90, awarded cont. by State Highway Comm. for Projects Nos. 25 and 70, grade, construct culverts and place selected material surface and const. conc. and steel overhead crossing bet. Keystone and East City Limits of Ely.

SAN DIEGO, Cal. — State highway comm. announces widening of coast highway from Orange county line to San Diego will be started in near future. Funds will be drawn from gasoline tax fund.

MARTINEZ, Contra Costa Co., Cal. — City trustees approve spec. to pave Howard St., bet. Ferry and Castro; est. cost $8198. Ben Greene, city eng.

LOS ANGELES, Cal.—L. A. Paving Co., 2900 Santa Fe Ave., awarded cont. by Bd. Pub. Wks. at $25,222.64 (32.9c sq. ft.) for paving Larchmont Blvd., bet. Melrose Ave. and Beverly Blvd., involv. approx. 76,664 sq. ft. Warrenite-bitul pavement.

R. A. Merrill, 2052 W 27th St., awarded contract at $2686.34 (21.4c sq. ft.) for const. 12,553 sq. ft. cem. walk in Concord St., bet. First and Fourth Sts.

AZUSA, Cal.—City Trustees have selected crushed rock and oil as the type of pavement to be used on the street imp. work to be done under the recent bond issue of $75,000 voted for this purpose. Approx. 17 mi. of streets are to be improved. C. L. Nichols, civil engineer, 503 Alameda St., Azusa, will have have charge of the work.

NAPA, Napa Co., Cal.—County Surv. O. H. Buckman preparing spec. for sewer from Napa County Infirmary to Napa river.

TRINITY COUNTY, Calif.—T. H. and M. C. Polk, Chico, at $63,321.50, (Eng. est. $67,490) awarded contract by State Highway Commission to surface with gravel 12.7 miles in Trinity county, bet. 3-mi. east of Chester and 3-mi. east of Westwood.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. — Junction Valencia — Phone Market 8926
24 VAN NESS AVENUE — Near Market

Contractors and Builders of Homes—

Correct Wiring will help you sell

Consideration of the rapidly growing popularity of electrical appliances will convince you that if a home is to be modern and *sell readily, it must be correctly wired for the use of the larger electrical appliances.*

Anyone interested in home building is cordially invited to call at any P. G. and E. office and discuss the need and importance of correct wiring in modern homes. Specifications and advice will be given gladly without charge.

PACIFIC GAS AND ELECTRIC COMPANY

A California Company serving over 314,000 consumers of electricity

P·G· and E·

"PACIFIC SERVICE"

CARMEL-BY - THE - SEA, Monterey Co., Cal.—H. D. Severance, city engineer of Monterey, commissioned by city trustees of Carmel to prepare estimate of cost to construct sewer system covering entire city. It is proposed to put the improvement through under the 1911 Act and Bond Act 1915 or by bond issue.

LOS ANGELES, Cal.—G. A. Constantine, 910 Haas Bldg., submitted low bid and awarded cont. by Bd. Pub. Wks. at $37,558 to imp. Bellevue Ave., bet. Benton Way and Michcltorena St., involv. grading at $12,000 (lump sum); 14,857 sq. ft. conc. paving at 25c ft.; 116,997 sq. ft. oiling and rolling at 6.5c ft.; 5907 sq. ft. curb at 65c ft.; 30,501 sq. ft. walk at 20.5c ft.; 11,729 sq. ft. conc. gutter at 34.5c ft.; wooden culvert complete, $400. Engrs. est., $40,902.71.

STOCKTON, San Joaquin Co., Cal.—Until Oct. 24, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk to imp. Harney Lane, in Rd. Dist. 2, from track of Central California Traction Co., east 13,300 ft. to pavement in Locust ave. Cert. check 10% payable to Chairman of Bd. of Sups. req. Spec. obtainable from County Surv. F. E. Quail on deposit of $10, returnable.

SAN LUIS OBISPO, Cal.—City council has ordered plans and spec. for const. approx. 12,000 sq. ft. walk and 2000 ft. curb and gutter, to be done under the 1911 act and 1915 bond imp. act. This work is to be placed together with the Santa Rosa street work ordered at the last meeting.

City council rec. petition for paving lower Higuera St., bet. Nipomo and South Sts., involving 80,000 sq. ft. pavement; 42,000 sq. ft. walk; 5000 ft curb. Type of pavement not determined. Work to be done under 1911 act and 1915 bond imp. act.

Walter R. Roselip, city engineer.

STOCKTON, San Joaquin Co., Cal. — Until Oct. 24, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. Grant Line rd. from Tracy Garden Farms rd. east 3238-ft. to Tracy Blvd., in Pescadero Colony; Grant Line rd. from Howard rd. west 7826 ft. to Fremont rd. in Naglee Burk Tract and thence north on Fremont rd. 10,674 ft. to Rd. "K" of Tracy Garden Farms and on Middle rd. of Naglee Burk Tract and the Fremont Rd. west 4221 ft. to Lammers Ferry rd. all in Rd. Dist. 3. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from County Surv. F. E. Quail, on deposit of $10, returnable.

AUBURN, Placer Co., Cal.—City trustees, Mary H. Wallace, clerk, declare inten. to imp. Cherry Ave., bet. Lincoln Way and Central Pacific R.R. right of way; Magnolia Ave., bet. Cherry and Tennis Way; Tennis Way from Magnolia Ave. southerly; grade; pave with 5-in. Port. cem. conc.; const. conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests Oct. 25. Jerome A. Barieau, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Oct. 25, 2:30 p. m., bids will be rec. by H. E. Miller, county clerk, to imp. road beg. in middle of Division St., at Schwan's station, on Union Traction Rlwy.; thence east along Division St., to East Cliff Dr.; thence south and s.e. along E-Cliff Dr. to west end of bridge over Corcoran's lagoon. Plans obtainable from County Surv. Lloyd Bowman on Deposit of $5, returnable.

PALO ALTO, Santa Clara Co., Cal.—City council has outlined street paving program to be undertaken next Spring, the program including improvement of following streets: Bryant st., bet. Embarcadero rd. and Seale Ave.; Emerson St., bet. Embarcadero rd. and Tennyson Ave.; Kellogg Ave., bet. Alma % Waverley St.; Coleridge Ave., bet. Emerson and Bryant Sts.; Lowell Ave., bet. Alma and Emerson Sts.; also bet. Cowper St. and Middlefield rd.; Tennyson Ave., bet. Emerson St. and Middlefield rd; Homer Ave., bet. Middlefield rd. and Boyce Ave.; Lytton Ave., bet. Middlefield and Seneca; Guinda St., bet. University and Palo Alto Aves.; Fulton St., bet. University and Hamilton Aves; Poe St., bet. Bryant and Waverley St.; Middlefield rd., bet. Melville ave. and Embarcadero rd.. J. F. Bxybee, Jr. is city manager.

SAN MATEO, San Mateo Co., Cal.—City trustees, E. W. Foster, clerk, declare inten. to remove present parkway curbs in Hayward Ave., bet. El Camino Real and Palm Ave., and const. new curbs of same form; area bet. proposed new curbs and existing pavement to be paved with asph. wearing surface, coarse aggregate type, 1½-in. thick, on 3½-in. asph. conc. base. 1911 Act & Bond Act 1915. Protests Nov. 5. G. Stanley Whitehead, city eng.

SAN DIEGO, Cal.—Council declares inten. to pave Hawthorn St., bet. Atlantic St. and Balboa Park, involv. 102,956.44 sq. ft. paving with 1½-in. asph. conc. top on 4½-in. bitum. base; 68,721.06 sq. ft. paving with 4-in. Portland cem. conc.; 1367 cu. yds. earth fill; 139.4 cu. yds. earth cut; 3154.52 sq. ft. cement concrete sidewalks; reconstruction of 1918.16 sq. ft. sidewalks; 606.94 lin. ft. cement concrete curb; 80.8 lin. ft. of 15-in. 14-gauge corru. iron pipe; 45.4 lin. ft. 10-in.x32-in. reinf. conc. culvert. Protests Nov. 5. F. A. Rhodes, city engr. A. H. Wright, city clerk.

NAPA, Napa Co., Cal. — Jones and Cunningham awarded contr. by county supervisors to furnish and spread 5000 cu. yds. rock on road from Monticello to Devil's Gate at $.99 cu. yd. or total of $4950. Other bids: Basalt Rock Co., $1.42 cu. yd., $7100; R. E. Errington, $1.75 or $8750; Lee D. Moore, $2.50 or $12,500.

SAN FRANCISCO—C. H. Sweetser, Dist. Eng., U. S. Bureau of Public Works, 9 Main St., will ask bids in January for Yuba Pass Nat'l. Forest Highway project, involv. approx. 10 acres clearing; 135,000 cu. yds. unclassified excavation; 310 cu. lyds. conc.; 3,500 lin. ft. corru. metal pipe

For additional details see "Official Proposal Section," this issue.

AUBURN, Placer Co., Cal. — City council rejects bids to pave approaches to Sacramento, Grass Valley and Colfax highways and new bids will be asked in November. J. A. Costello, 1083 Shotwell St., San Francisco, was low for asph. pave at $53,992.50 and Galbraith & Janes, Yuba City, low for conc. pave., $55,952.56. Jerome A. Barieau, City Eng.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. following streets:

Anza, bet. 29th and 33rd; 30th and 31st Aves., bet. Geary and Balboa and 32nd Ave., bet. Anza and Balboa Sts., involv. 75,083 cu. yds. cut; 72,353 cu. yds. fill. Total est. cost $57,000.

Moscow St., bet. Brazil and Persia Aves., involv. 450 lin. ft. conc. curb.; 4350 sq. ft. art. stone walks; 9000 sq. ft. asph. conc. pavement. Est. cost $3950

18th Ave., bet. Santiago and Taraval Sts., involv. 120 lin. ft. conc. curb; 24,000 sq. ft. asph. conc. pavement. Est. cost $8400.

24th Ave., bet. Lincoln Way and Irving Sts.. involv. 125 lin. ft. conc. curb; 2500 sq. ft. asph. conc. pavement. Est. cost $875.

Commercial St. from The Embarcadero westerly, involv. 690 sq. ft. art. stone walks. Est. cost $150.

Clay St., from Sansome St. easterly involv. 15,082 sq. ft. art. stone walks. Est. cost $300.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten to imp. portions of Bartlett and Lynde Sts., involv. grade and pave; const. curbs, gutters and walks; culverts with handholes. 1911 Act. Protests Nov. 1. W. W. Harmon, city eng.

SANTA ANA, Cal.—Oglesby & Dahl, Santa Ana, awarded cont. by city trustees to imp. W Washington Ave., bet. N Broadway and Lowell St., involv. 75,019 sq. ft. 5-in. conc. pavement at 20.4c sq. ft.; 2183.5 ft. curb at 50c ft; 354 ft. 4-in. hse. sewers at 50c ft. Wells & Bressler bid 20.5c paving; 50c curb; 50c hse. sewers.

REDONDO, Cal.—City trustees declare inten. to imp. El Redondo, in an easterly and northerly direction, encircling blocks 121 and 120, grade; pave with 2½-in. asph. conc. base; const. walk, curb, gutters; 1911 act. Harry Folglase, city clerk.

SAN JOSE, Santa Clara Co., Cal—Raymond H. Crummey, 121 Pearl St., Oakland, awarded following contracts by city council:

Senter rd., bet. Keyes St. and pt. 1682.10 ft. south, involv. grade; pave with 2-in. asph. conc. surface on 3½-in. asph conc. base; hyd. cem. conc. header wall.

6th St., bet. James and Jackson Sts., involv. grading; pave with 1½-in. asph. conc. surface on 3-in. asph. conc. base; hyd. cem. conc. curbs, gutters & walks 4 br. catchbasins; 8-in. vit. pipe drains.

4th St., bet. Empire and Jackson Sts., involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bitumiinous conc. base; hyd. conc. curb and gutter.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. Palou Ave., bet. Jennings and Hawes and crossings of Palou Ave., Jennings, Ingalls and Hawes Sts., involv. 7500 cu. yds. cut; 3675 cu. yds. fill.

Spec. completed to imp. San Bruno Ave., bet. Sweeney and Olmstead Sts., involv. 14,744 sq. ft. art. stone walks.

GLENDALE, Cal.—W. J. Curren, 379 W Patterson St., at $25,146 awarded contract to imp 4th St., Winchester and other streets, involv. 4156 lin. ft g.rading 50c ft.; 125,687 sq. ft. 3-in. macad. 11c ft.; 3482 ft. curb 50c ft.; 4223 ft. 4-in. c. i. water pipe $4950 complete; 15,195 sq. ft. walk 17c ft.

E. L. Fleming, 1007 S Boynton St., Glendale awarded contr. at $2371.83 for imp. Vista Ct., and Green St., involving 230 lin. ft. grading $2.30 ft.; 7331 sq. ft. 3-in. macadam 11c ft.; 541 ft curb 50c ft.; 2419 sq. ft walk 18c ft.; 275 ft. 4-in. c. i. water pipe $545 complete; 1082 sq. ft. gutter 25c ft.

E. L. Fleming, 1007 S Boynton St., Glendale. awarded cont. at $4447.69 for imp. Hillside Dr., involv. 499 lin. ft. grading 65c ft.; 4990 sq. ft. walk 17c ft.; 998 ft. curb 50c ft.; 17,964 sq. ft. 3-in. macad. 11c ft.; 511 ft. 4-in. c. i. water pipe $800 complete; gutter 25c

WOODLAND, Yolo Co., Cal. — H. L. Ogden, at $.45 cu. yd. awarded contract to grade Prefix 7, Sec. B of Yolo county highway system, extending from south line of Reclamation District No. 307 along crest of levee along bank of Sacramento river to Freeport. Asa G. Proctor, county surv.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

SAN FRANCISCO—Following is list of lump sum bids received by Board of Public Works for street and sewer improvements:

Buchanan St., bet. Herman and Duboce Aves., involv. 22,091 cu. yds. cut; 623 lin. ft. conc. curb; 370 lin. ft. 8-in. sewer; 24 8-in. wye branches; 2 br. manholes; 4364 sq. ft. br. pave; 7715 sq. ft. asph. conc. pave.

Jas. R. McElroy, 180 Jessie St...	$29,022
C. B. Eaton	34,982
Fay Imp. Co.	32,576
L. J. Cohn	31,826
Municipal Const. Co.	34,417
A. J. Granfield	30,885

Collingwood St., bet. 20th and 22nd; 21st and 22nd Sts., bet. Castro and Diamond, involv. 60,189 sq. ft. conc. pave; 96 sq. ft. asph. conc. pave; 3843 lin. ft. conc. curb; 19,452 sq. ft .art. stone walks; 8 lin. ft. granite curb; 38 lin. ft. 10-in. culvert; reset 4 catchbasins; reset 93 lin. ft. granite curb;

Municipal Const. Co 112 Lyon St	$21,687
C. B. Eaton	21,914
Fay Imp. Co.	23,710
L. J. Cohn	23,278
City Const. Co.	23,037

Jamestown bet. 3rd and Ingalls and crossing of Jamestown with Jennings and Ingalls, involv. 1854 cu. yds. cut; 709 cu. yds. fill; 3 br. catchbasins; 77 lin. ft. 10-in. culvert; 2128 lin. ft. conc. curb; 18,548 sq. ft. art. stone walks; 39,776 sq. ft. asph. conc. pave; 5 conc. stairways.

C. B. Eaton, 715 Ocean Ave.....	$20,078
Fay Imp. Co.	20,704
Raisch Imp. Co.	20,449

Landers St., bet. 15th and 16th Sts., involv. 520 lin. ft. conc. curb; 395 lin. ft. conc. wheel guard; 10,425 sq. ft. asph. conc. pave; 2680 sq. ft. art. stone walks.

Raisch Imp. Co., 46 Kearny St. ..	$4858
C. B. Eaton	5070
L. J. Cohn	4887
City Const. Co.	5081

Montcalm St., bet. Franconia & Peralta and Franconia bet. Montcalm and Wolf, involv.: 400 lin. ft. 8-in. sewer; 24 8-in. wye branches; 110 lin. ft. 12-in. sewer; 8 12-in. wye branches; 2 br. manholes; 2 lampholes.

Manuel Smith, Oakland	$2203
E. J. Treacy	2468

West ½ West Portal ave. bet., 15th Ave. and St. Francis Circle (where not already improved): involv. 432 lin. ft. conc. curb and 9504 sq. ft. asph. conc. pave:

Raisch Imp. Co., 46 Kearny St.....	$3203
C. B. Eaton	3259
Municipal Imp. Co.	3278
Fay Imp. Co.	3253

Fay Imp. Co., Phelan Bldg. at $3179 only bidder to imp. Alabama St., bet. Mariposa and 18th Sts. (where not already improved) involv. 750 cu. yds. cut; 200 lin. ft. conc. curb and 5000 sq. ft. asph. conc. pavement.

Manual Smith, 1003 85th Ave., Oakland, at $3143 only bidder to sewer Rodeo Ave., bet. Arleta and Teddy Aves. and Teddy Ave., bet. Dodeo and Alpha, involv. 361 lin. ft. 15-in. sewer; 403 lin. ft. 8-in. sewer; 2 br. manholes; 12 15-in. wye branches and 28 8-in. wye branches.

E. J. Treacy, Call Bldg., at $7243 only bidder to imp. San Bruno Ave., bet. 19th and 20th Sts., involv. 750 lin. ft. conc. curb; 10,000 sq. ft. conc. pave 10,000 sq. ft. conc. pave.

MISSION BEACH, Cal.—Bids will be called for shortly to const. proposed sewer system in Mission Beach, est. to cost $125,000. Geo. A. Schwabland is consulting engr. The main line will run lengthwise along the three-mile stretch of the tract, this line to be fed by crosswise laterals, dividing the main line grade into sectional falls with automatic electric booster pumps lifting from the lower end of each fall to the higher end of the next. There will be three of these booster pumps, each in duplicate units, operated by a float system. The main sewer line will be from 8 in. to 12 in. in size with minimum depth below the ground surface of 3 ft. and a maximum depth of 12 ft. and will be more than 10,000 ft. long. It will be laid in Bayside Lane. There will be 60 laterals of 6-in. dia. (approx. 40,000 ft.). The outlet into the ocean will be located at the southern end of the peninsula. A large septic tank will be included. Construction throughout will be of cem. conc., except where a few laterals of cast iron pipe have already been laid.

SANTA ANA, Cal.—Owing to a discrepancy in the plans and sec. and the res. of inten. to imp. West 6th St. bids for which were to be opened Oct. 15, new proceedings will be started. The work involves approx. 172,000 sq. ft. 7-in. conc. pavement with belt finish wearing surface; 2193 ft. curb; 26,670 sq. ft. regrading and laying with 6-in. cem. conc. pavement; 191 ft. 8-in. main sewer line; 300 ft. 6-in. main sewer; 1302 ft. 4-in. hse. sewers; 730 ft. 4-in. hse sewers, conc. culvert, one manhole, lamphole; 1915 bond imp. act. E. L. Vegeley, city clerk. W. G. Knox, city engineer.

CARSON CITY, Nevada—Until Nov. 7, 1 P. M., bids will be rec. by State Highway Commission to const. 11.81 mi. of highway in Churchill county from Eastgate to East County Line (Carroll Summit), involv. 133,100 cu. yds. unclassified excavation; 25,753 yd. sta. overhaul; 6.06 mi. prepare subgrade and shoulders; 6,400 cu. yds. loading and screening gravel; 9,100 mi hauling gravel; 6,400 cu yds. spreading gravel; 65 cu. yds. "A" conc.; 1,162 lin. ft. 15-in., 302 lin. ft. 18-in. and 158 lin. ft. 21-in. corru. metal pipe, in place; 810 cu. yds. dry rubbel masonry; 355 cu. yds rip rap; 4,249 lin. ft stand. and 688 lin. ft. special wooden guard rail, in place; 169 galv. iron pipe monuments, in place. Geo. W. Borden, State Highway Eng. **See cull for bids under official proposal section in this issue.**

CARSON CITY, Nevada—Geo. W. Borden, Nevada State Highway Engineer, announces bids will be asked shortly by State Highway Commission to const. 12 mi. of highway in Lander county, bet. Carroll Summit and Peterson's Ranch which project joins the Churchill project on the east. Plans for this work are not available at present. However, a representative of the Highway Department stationed at Fallon will have all necessary information and contractors are invited to inspect this work in connection with the Churchill county project. Arrangements have been made for taking parties over the proposed work, leaving Fallon on Wednesdays and Fridays.

CALIFORNIA—Nov. 8 is date set for sale (at public auction) of $3,000,000 block of California State highway bonds; will bear interest at rate of 4¾%, an increase of one-half of one percent over the interest rate for bonds sold in the past.

CARSON CITY Nevada—Until Nov. 7, 2 P. M., bids will be rec. by State Highway Commission to const. 3.25 mi. of highway in Washoe county, bet. Lawtons and 2 mi. east of Verdi, involv. 62,000 cu. yds. unclassified excavation; 158,275 yd. sta. overhaul; 250 cu. yds "A" conc.; 35 cu. yds. "B" conc.; 326 lin. ft. 15-in., 318 lin. ft. 18-in., 86 lin. ft. 36-in. metal pipe place; 52 lin. ft 21-in. corru. metal syphon, in place; 3,032 lin. ft. wooden guard rail, in place; 65 monuments, in place, State will furnish gravel and sand for concrete in stock piles. Geo Borden, State Highway Eng. **See cull for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—Raisch Improvement Co., 46 Kearny St., San Francisco, awarded contract by council to imp. 26th St., bet. San Antonio St. and McKee Rd.; McKee rd. from Coyote river to 26th St. and San Antonio St. and San Fernando St., involv. const. of Port. cem. conc. storm sewer; 7 br. manholes with c. i. covers and rings.

PALO ALTO, Santa Clara Co., Cal.—Joe Ferioli and D. Bettini, Palo Alto, at approx. $11,985 awarded cont. by council to imp. portions of Maple, Palm and Ashby Sts., involv. conc. pave, 20c; grade 65c; integral conc. curb, 43c; conc. curb, 58c; cem. walk, 17c.

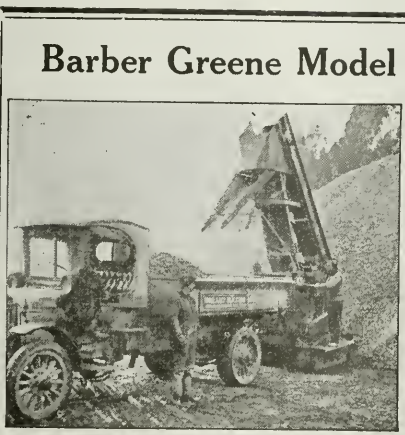
SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. Vicente St., bet. 28th and 30th Aves. (where not already improved), involv. 689 lin. ft conc. curb; 7 br. catchbasins; 245 lin. ft. 10-in. vit. pipe culvert; 1,321 sq. ft. stone walks; 21,799 sq. ft. asph. conc. pave.

Spec. completed to imp. Jarbor St., bet Anderson and Moultrie Sts., involv. 120 lin. ft. 8-in. ironstone pipe sewer; [illegible] inches; 1 br. manhole.

Spec. completed to imp. Lee, Granada, Miramar, Capitol Faxon and Jules Aves., bet. Ocean and Holloway Aves. (where not already improved), involv. 20,610 sq. ft. art. stone walks.

SAN FRANCISCO — Municipal Construction Co., 112 Lyon St., at $21,686.28 awarded cont. by Bd. Pub. Wks. to imp. Collingwood St., bet. 20th and 22nd Sts., and 21st and 22nd St., bet. Castro and Diamond, involv. 60,189 sq. ft. conc. pave; 96 sq. ft. asph. conc. pave; 3843 lin. ft. conc. curb; 19,452 sq. ft. art. stone walks; 8 lin. ft. granite curb; 38 lin. ft. 10-in. culvert; reset 4 catchbasins; reset 93 lin. ft. granite curb.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 **San Francisco**

GLENDALE, Cal.—W. J. Curren, 379 W Patterson St., Glendale, submitted low bid to council at $$25,145.72 for imp Fourth St., Winchester and other sts., involv. 4156 lin. ft. grading at 50c ft.; 125,687 sq. ft. 3-in. macad. at 11c ft.; 3482 ft. curb at 50c ft.; 4223 ft. 4-in. c. i. water pipe at $4950 complete; 15,195 sq. ft. walk at 17c ft. Other bids were: E. L. Fleming—60c grading; 11c macad; 50c curb; $5750 pipe; 17c walk; total, $26,361.32. Cornwell & Henderson, $27,638.72; Peter L. Ferry, $28,302.27.

YREKA, Siskiyou Co., Cal. — Until No. 6, 10 a. m., bids will be rec. by W. J. Neilson, county clerk, to gravel Dorris to Macdoel road, a distance of approx. 3-mi. Cert. check 10% req. with each bid. Plans obtainable from County Surveyor Albert F. Parrott.

SANTA ROSA, Sonoma Co., Cal.—Until Oct. 29, 8 p. m., bids will be rec. by Sara N. Hatch, secy. Board of Education, to const. two tennis courts, involv. 3698 sq. ft. 3-in. bituminous concrete base and 11,220 sq. ft. of 1½-in. Warrenite-Bitulithic surface. Cert. check 5% payable to secy. req. Plans on file in office of Bd. of Educ.

SAUSALITO, Marin Co., Cal.—Town trustees, W. Z. Tiffany, clerk, declare inten. to imp. portions of Princess St. and Bulkley Ave., involv. grading; pave with 5-in. hyd. conc.; hyd. cem. conc. curbs and walks; rein. conc. retaining walls; br. and conc. batchbasins; vit. sewers, etc. 1915 Act and 1911 Act. Howe and Peters consulting engineers, 24 California St., San Francisco.

TRACY, San Joaquin Co., Cal.—City trustees, George L. Frerichs, clerk, declare inten. to imp. portions of W 4th St. by grading and paving with 3½-in. asph. conc. base and 1½-in. Topeka topping; comb. curbs and gutters. 1911 Act and Bond Act 1915. Protests No. 1. W. D. Harrington, city eng.

RIVERSIDE, Cal.—Until Nov. 5, new bids will be rec. by supervisors to imp. portion of Rte. 8, Beaumont, to foot of Moreno grade, known as the Jack Rabbit Trail, Sta. 174 plus 00 to Sta. 367 plus 00.2, involv. (1) shaping 19,300 lin. ft. roadway 16 ft. wide; (2) constructing 308,800 sq. ft. pavement; (3) 300 lin. ft. conc. curb; (4) building up 8 catch basin walls and lay 30 ft. corru. pipe. Pavement is to be either class A cement conc., 5-in. or 6-in. thick; 5-in. asph. conc.; 5-in. macad.; 5-in. Willite; or 5-in. National pavement; type to be determined by board.

LOS ANGELES, Cal.—Until 10 a. m., Oct. 29, bids will be rec. by Bd. Pub. Wks. to imp. Denison Ave., bet. 26th and 36th St., involv. 114,880 sq. ft. 5-in. cem. conc. paving; 6275 ft. curb; 36,081 sq. ft. walk; san. sewer; 5075 ft. house sewers.

SAN JOSE, Santa Clara Co., Cal. — County surveyor instructed to prepare spec. to imp. Rhodes Court in Supervisor District No. 4.

SAN JOSE, Santa Clara Co., Cal. — Until Nov. 19, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. Santa Clara and Los Gatos road and Santa Cruz Ave. in Supervisor District No. 5. Further information obtainable from clerk.

RIVERSIDE, Cal. — Blue Diamond Materials Co., 2200 E 16th St., L. A., awarded blanket contract by supervisors for all rock to be used in county road constr. The bid was (f. o. b. Blue Diamond plant): grade 1, $80c; grade 2, 95c; grade 3, $1.10; grade 4, $1.25; grade 5, 25c. Union Rock Co. bid 1, $1; 2, $1; 3, $1.15; 4, $1.35; no bid 5.

LOS ANGELES, Cal.—Until 10 a. m., Nov. 13, bids will be rec. by Bd. Pub. Wks. for fur. vit. clay sewer lining blocks for Sec. No. 4 to Sec. No. 8, incl., north outfall sewer. H. B. Ferris, secy. Plans and spec. on file with city engr., 405 s city hall annex.

VENTURA, Cal.—Until 11 a. m., Oct. 25, bids will be rec. by supervisors to imp. Santa Paula-Ojai Rd., bet. Sulphur Mountain Springs to Sulphur Mountain Rd., involv. approx. 38,889 sq. yds. 5-in. to 7-in. conc. pavement. Chas. W. Petit, county surveyor.

SISKIYOU CO., Cal.—Until Nov. 13, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with crushed gravel or broken stone, 9.8 mi. in Siskiyou county bet. 2-mi. south of Hornbrook and Oregon state line. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

RIVERSIDE, Cal.—Hall-Johnson Co., P. O. Box 51, Lynwood, awarded cont. by supervisors at $37,198 to imp. portion of the Corona-Elsinore highway from Sta 448 plus 00 to Sta. 604 plus 24, involv. 12,914 cu. yds. excav. at 50c yd.; 15,624 lin. ft. shaping roadbed at 10c ft.; 249,984 sq. ft. 5-in. macad. pavement with asph. surface at 10c ft.; 73 cu. yds. "A" cem. conc. (bridge) at $20 yd; 12.5 cu. yds. "B" cem. conc. (fords and walls) at $20 yd.; 108.5 cu. yds. class A fords and walls at $20 yd.; 120 lin. ft. corru. culverts at $2.50 ft.

FRESNO, Fresno Co., Cal.—Until Oct. 25, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. McKinley Ave., bet. Palm Ave. and Block 4, North Park Terrace, involv. grading; conc. curbs, gutters and walks; corru. metal culverts with culvert manholes; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bitulithic wearing surface. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

SAN LUIS OBISPO, Cal.—Ira Hodson, San Luis Obispo, at $31,328.28 awarded cont. by city council to imp. portion of Osos St., grade; pave with 6-in. hyd. Port. cem. conc.; hyd. conc. curbs; 3 type A hyd. conc. culverts and 7 type B hyd. conc. culverts; 2 c. i. handhole frames and covers in type A culverts; 3 hyd. conc. catchbasins; 1 Type A culvert inlet. Other bids are Theodore A. Malno, San Luis Obispo, $36,752.61; Geo. A. Simpson, Los Angeles, $33,967.37; Granite Construction Co., Watsonville $34,185.71; John Schoup, Los Angeles, $31,498.24; Fleming Construction Co., Los Angeles, $33,208.66.

PACIFIC GROVE, Santa Clara Co., Cal.—City Eng. H. D. Severance preparing spec. to pave portions of Central Ave. and Lighthouse Ave.

HANFORD, Kings Co., Cal.—City Engineer Ben Duffield instructed to prepare spec. to pave 4½ blocks in East Myrtle St., bet. Harris and east city limits.

PHOENIX, Ariz. — Cashion-Caldwell Constr. Co., Phoenix, submitted low bid to state highway dept. at $47,037.34 to const. 7-mi. stretch on Phoenix-Yuma road, from Aztec east to the Yuma county line. Kisselberg, Schmidt & Hitchcock, Phoenix, bid $49,238.41. State furnishes cement. Work involves 5700 cu. yds. excav.; 4400 cu. yds. borrow; 14,700 cu. yds. surfacing; 160 cu. yds. structural conc.

Kisselberg, Schmidt & Hitchcock, Phoenix, submitted low bid at $94,699 to const. 22-mi. sec. of Phoenix-Yuma road, betw. Yuma county line and Piedra, 15 mi. west of Gila Bend. Cashion-Caldwell Constr. co. bid $110,310.55, and R. Twohy, Phoenix, $142,659.11. State furnishes cem. and corru. metal pipe. Work involves 16,000 cu. yds. excav.; 87,000 cu. yds. borrow; 38,000 cu. yds. gravel surfacing; 650 cu. yds structural conc.

STOCKTON, San Joaquin Co., Cal.—Until Nov. 6, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. Kettleman Lane, in Rd. Dist. No. 2, from pavement in Lower Sacramento rd. West 13,226 ft. to pave in Telegraph Ave. Cert check 10% payable to Chairman Bd. of Sups. req. Plans obtainable from County Surveyor F. E. Quail on deposit of $10, returnable.

FRESNO, Fresno Co., Cal.—Until Oct. 25, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to const. main and lateral sewers in G and H Sts., Main sewers to be 18-in., 15-in. and 12-in. vit. clay pipe and lateral sewers 10-in. and 8-in. clay pipe; 19 cem. conc. manholes with c.i. covers; 6-in. on 8-in. and 6-in. on 10-in. wye branches. 1911 Act. Cert. check 10% payable to city required. Wm. Stranahan, city eng.

HANFORD, Kings Co., Cal.—D. C. Williams, city clerk, instructed to secure prices for fur. and del. 2400 ft. of sewer pipe. Ben Duffield, city eng.

FRESNO, Fresno Co., Cal.—Until Oct. 25, 3:30 p. m. bids will be rec. by R. Y. St. George, city clerk, to imp. Wishon Ave., bet. Olive and Normal Aves., involv. const. cem. conc. walks; and Van Ness Blvd., bet. Floradora and Home Aves., by const. cem. conc. walks and curbs. 1911 Act. Cert check 10% payable to city req. Wm. Stranahan, city eng.

HUNTINGTON BEACH, Cal. — The superior court has upheld the right of the city to award the Ocean Ave. paving contract to G. M. Souter at $238,000 instead of to low bid, Geo. H. Oswald, at $216,000. The suit was brought by Henry Schaffert, property owner, to compel the city to award the contract to the low bidder.

OAKLAND, Cal.—Until Nov. 1, 12 m., bids will be rec. by E. K. Sturgis, city clerk, for following street improvements:

Porter St., bet. 38th and 39th Aves.; grade and pave; const. curbs and gutters.

8th St., bet. Market and Peralta; grade and pave; const. curbs, gutters, catchbasins, manholes and conduits.

Portions of 64th Ave.; grade and pave; const. curbs and gutters.

All under 1911 Act. Cert. check 10% payable to city rek. W. W. Harmon, city engineer.

TONOPAH, Nevada.—City of Tonopah county and state, will assist in financing paving with concrete of road 18-ft. wide, through Main street from the railroad station to Florence in city of Tonopah.

FRESNO, Fresno Co., Cal—City council, R. Y. St. George, clerk, declare inten. to imp. Palm Ave., bet. Belmont and Olive Aves., involv. grading; const. conc. curbs, gutters and walks; corru. metal culverts with culvert manholes; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bitulithic surface. 1911 Act. Protests Nov. 1. Wm. Stranahan, city eng.

FRESNO, Fresno Co, Cal—City Council, R. Y. St. George, clerk, declare inten to imp. Lewis ave., bet. Blackstone and Fresno Ave.: grade; conc. curbs, gutters and walks; corru. metal culverts with culvert manholes; pave with 2½-in. asph. conc. base with 1½-in. Warrenite-Bitulithic surface. 1911 Act. Protests Nov. 1. Wm. Stranahan, city engineer.

KELSO, Wash.—Until Oct. 29, 8 p. m. (time extended from Oct. 23), bids will be rec. by city council for two street and sewer projects:

Municipal District No. 53, involv. 5183 cu. yds. excavation; 94,139 sq. ft cement sidewalk; 22.2 M. F. B. M. lumber in cross walks.

Municipal District No. 54, storm sewer project, involv. 3450 cu. yds. trenching; 1522 lin. ft. 36-in., 246 lin. ft. 27-in., 244 lin. ft. 24-in., 210 lin. ft. 18-in., 260 lin. ft. 15-in., 256 lin. ft. 12-in., 684 lin. ft. 10-in., 960 lin. ft. 8-in. and 440 lin. ft. 6-in. sewer pipe; 4 8-in. x 6-in Y's; 1 12-in x 6-in. Y; 2 10-in x 6-in. Ys; 18 inlets; 14 catchbasins, type A; 3 catchbasins type BB; 8 manholes.

EL CENTRO, Cal.—Until 7:30 p. m., Oct. 24, bids will be rec. by city clerk to imp. various streets involv. 156,000 sq. ft. asph. conc. paving (4-in. base, 2-in. surface); 391,000 sq. ft. asph. conc. paving (3½-in. base, 1½-in. surface); 20,000 ft. cem. curb; 1300 ft. c. i. water mains; 500 water service lines; 2 catch basins; 4 soil pipe culverts; 8 street lighting standards. This work is to be done under two separate proceedings. F. C. Doyer, city engr. J. S. Loofbourow, city clerk.

VISALIA, Tulare Co., Cal.—Until Oct. 29, bids will be rec. by Ida Markham, city clerk, to imp. portion of West Center St., North Giddings Ave., and Hall Ave., involv. grading; pave with 4-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; hyd. cem. conc. curbs, gutters and catchbasins; corru. iron culverts; pave alley approaches with 5-in. cem. conc.; storm drain with 10 by 4-in. wye branches. 1911 Imp. Act and 1915 Bond Act. Cert. check 10% payable to city req. L. H. Gadsby, city eng.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3798	Carroll	Walthall	4000
3799	Cereghino	Blahnik	3000
3800	Stevens	Owner	8000
3801	Levy	Christensen	4000
3802	Schwartz	Owner	15000
3803	Lindsay	Owner	12000
3804	Sica	Owner	3000
3805	Danziger	Bessett	1500
3806	Peyser	Steinauer	4790
3807	Bloom	Turner	1000
3808	Nelson	Owner	19000
3809	Same	Same	13000
3810	Same	Same	10000
3811	Heights	Reed	6650
3812	Fitzhugh	Alta	2779
3813	Silverstein	Neish	3300
3814	Loftus	McCauley	2800
3815	Proll	Owner	16340
3816	Sharboro	Owner	4000
3817	Walters	Brymner	1800
3818	Gray	Meyers	8000
3819	Thompson	Meyer	8000
3820	Dindia	Larson	5000
3821	Schnier	Owner	4000
3822	Mohawk	Becker	3000
3823	Bartman	Hantzsche	4950
3824	Wesendunk	Owner	3800
3825	Johnson	Owner	7800
3826	Hemmen	Owner	12000
3827	Baker	Owner	1850
3828	Johnson	Owner	7800
3829	Horgan	Owner	8000
3830	Schwartz	Hardy	56000
3831	Anderson	Hjul	13250
3832	Lang	Owner	4500
3833	Haligren	Owner	5000
3834	Puccinelli	White	5000
3835	Pfieffer	Lindberg	4450
3836	Wilkin	Todhunter	5000
3837	Raeta	Lindberg	5900
3838	Schultz	Nichols	1000
3839	Gavigan	Owner	10000
3840	Carlson	Wiander	2000
3841	Newsom	Owner	8000
3842	Standard	Owner	1500
3843	Danziger	Bessett	3000
3844	O'Dowd	Owner	14000
3845	Miller	Owner	3000
3846	Heyman	Owner	10000
3847	Same	Same	5000
3848	Murphy	Owner	1000
3849	Hannam	Matthies	4000
3850	Welsh	Owner	100000
3851	Lager	Owner	50000
3852	Grisez	Owner	7000
3853	Crocker	Owner	3000
3854	Isaakson	Olson	18090
3855	Woodfield	Barrett	1585
3856	Wissman	Meyer	19650
3857	Wilhie	Todhunter	4474
3858	Victor	Barrett	18000
3859	Johnson	Ownrz	20000
3860	Bass	Barrett	14000
3861	Cannon	Hamill	6000
3862	Witheck	Owner	3000
3863	Brunzell	Pereira	4000
3864	Thomas	Zupar	4800
3865	Costell	Owner	7000
3866	Wilbert	Hansen	6000
3867	Parkside	Owner	8000
3868	Sauier	Owner	2950
3869	Nat'l. Shirt	Jacks	3145
3870	Joyce	Jones	——
3871	Fitzhugh	Western	1556
3872	Terminal	Clinton	171160
3873	Ferrari	Legault	10000
3874	Davis	Legault	10000
3875	O'Brien	Owner	12000
3876	Filippi	Morrison	7000
3877	Taylor	Owner	3000
3878	Baumann	Meyer	3000
3879	Meyer	Owner	1500
3880	Shell Co.	Owner	1400
3881	Olson	Larson	1000
3882	Sitz	Owner	1000
3883	Nelson & Sons	Owner	6000
3884	Keck	Owner	18000
3885	Meyer	Adler	13000
3886	Arrington	Christenson	13950
3887	Dyer	Cox	44072
3888	R C Archb	Grassi	2000

DWELLING
(3798) E TWENTY-FIFTH AVE 175 N Judah. One-story and basement frame dwelling.
Owner—M. E. Carroll, Mill Valley.
Architect—None.
Contractor—W. H. Walthall, Mill Valley. $4000

DWELLING
(3799) S MAYNARD 152 W Craut. One story and basement frame dwlg.
Owner—Lud Cereghino, Mission and Silver Ave., San Francisco.
Architect—None.
Contractor—Jas. Blahnik, 119 Madrid St., San Francisco. $3000

APARTMENTS
(3800) W TWENTY-SEVENTH AVE 225 S Lake. Two-story and basement frame (4) apartments.
Owner—Arthur B. Stevens, 4026 Fulton St., San Francisco. $8000

DWELLING
(3801) E THIRTY-EIGHTH AVE 55 S Clement. One-story and basement frame dwelling.
Owner—Wm. Levy, % Contractor.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—T. Christensen, 1440 Clement St., San Francisco. $4000

FRAME FLATS
(3802) E NINTH AVE 125 S Lake. Two-story and basement frame (2) flats.
Owner—Mel. I. Schwartz, 1202 Nevada Bank Bldg., San Francisco.
Architect—Mel. I. Schwartz, 1202 Nevada Bank Bldg., S. F. $15,000

DWELLINGS
(3803) W ALVISO AVE 140 and 156 S Estero. Two one-story and basement frame dwellings.
Owner—John R. Lindsay, 315 Granada Ave., San Francisco.
Architect—None. $6000 each

DWELLING
(3804) S WALLACE AVE — W Lane. One-story and basement frame dwelling.—
Owner — Guiseppe Sica, 1627 Wallace Ave., San Francisco.
Architect—Antone Petersen and E. A. Hermann, Associated, 2770 San Bruno Ave., S. F. $3000

ALTERATIONS
(3805) NO. 1554-1556 HAIGHT ST. Construct partitions for bath, toilet and kitchen; install doors and wall beds.
Owner—C. R. Danziger, 11 Rotunda, Mills Bldg., San Francisco.
Architect—Wm. Beasley, Russ Bldg., San Francisco.
Contractor—C. H. Bessett Bldg., Co., Mills Bldg., San Francisco. $1500

STORES
(3806) S MISSION 125 E Brazil Ave. One-story frame (2) stores.
Owner—L. Peyser, 2447 26th Ave., S. F.
Architect—None.
Contractor—S. Steinauer, 109 Cornwall St., San Francisco. $4790

ALTERATIONS
(3807) NO. 230 DOUGLAS. Remove elevator and install bath tubs and wash basins in 1st, 2nd and 3rd floors.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Owner—Theo C. Bloom, 230 Douglas St., San Francisco.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.
Contractor—W. L. Turner, 3456 16th St., San Francisco. $1000

DWELLINGS
(3808) SE COLON AND MONTECITO.
NW COLON AND MONTECITO.
SW COLON AND MONTECITO.
E COLON 70 N Montecito. Four one-story and basement frame dwellings.
Owner — Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
(1) $4000 (3) $5000 each

DWELLINGS
(3809) E PLYMOUTH AVE 47 N Montecito.
E PLYMOUTH AVE 204 N Ocean Ave.
SE PLYMOUTH AND WILDWOOD. Three one-story and basement frame dwellings.
Owner — Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
(2) $4000; (1) $5000

DWELLINGS
(3810) SE VALDEZ AND MONTECITO.
SW VALDEZ AND MONTICETO. Two one-story and basement frame dwellings.
Owner — Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F Strothoff, 2274 15th St., San Francisco. $5000 each

BUILDING
(3811) N BROADWAY BET. OCTAVIA and Laguna. Brick work for bldg.
Owner—The Heights, Monadnock Bldg., San Francisco.
Architect—Frederick W. Quandt, Monadnock Bldg., San Francisco.
Contractor—Walter N. Reed, 196 Precita, San Francisco.
Filed Oct. 11, 1923. Dated Oct. 4, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST. $6650
Bond, $3325; Sureties, Hartford Accident & Indemnity Co.; Forfeit, Limit, Plans and specifications, none.

ROOFING WORK
(3812) NE POST AND POWELL N 137-6 xE 1f2-9. All work for composition roofing work for ten-story Class A office building.
Owner—Wm. M. and Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Alta Roofing Co., 370 Waller St., San Francisco.
Filed Oct. 11, '23. Dated Oct 6, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST. $2739
Bond, $1370. Surety, Fidelity & Deposit Co. of Maryland. Limit, without delay. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(3813) NW SWEENEY 75 NE Merrill NE 50xNW 75. All work for one-story frame building.
Owner — Louis Silverstein, Chronicle Bldg., San Francisco.
Architect—None.
Contractor—Jas. S. Neish, 627 Sunnyside Ave., San Francisco.
Filed Oct. 11, '23. Dated Oct. 10, '23.
Roof on $825
Brown coated 825
Accepted 825
Usual 35 days..... 825
TOTAL COST, $3300
Bond, none. Limit, Jan. 1, 1924. Forfeit, plans and specifications, none.

DWELLING
(3814) E TWENTY-FIRST AVE 100 N Taraval. One-story and basement frame dwelling.
Owner—Y. Loftus, % Hall of Justice, San Francisco.
Architect—Vincent Buckley, 855 Monadnock Bldg., San Francisco.
Contractor—McCauley & Weber, 1152 Shotwell St., San Francisco. $2800

FRAME FLATS
(3815) N CLAY 114-6 W Larkin. Three-story and basement frame (3) flats.
Owner—W. R. Proll, 1607 Clay St, San Francisco.
Architect—P. Righetti, 12 Geary St., San Francisco. $16,340

FRAME FLATS
(3816) S FRANCISCO 220, 225 and 250 E Octavia. Three two-story and basement (2 in each) flats.
Owner—Sbarboro, Detjen & Noonan, NE Chestnut and Octavia Sts., S. F.
Architect—None. $8000 each

REPAIRS
(3817) NO. 1118 CHURCH. Raise and make general repairs to dwelling.
Owner—Lydia E. Walters, Premises.
Architect—None.
Contractor—John Brymner, 1280 Page St, San Francisco. $1800

DWELLINGS
(3818) W FORTY-FIRST AVE 150 and 175 N Cabrillo. Two one-story & basement frame dwellings.
Owner—John Gray, 5326 Geary St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco. $4000 each

DWELLINGS
(3819) W FORTY-FIRST AVE 200 & 225 N Cabrillo. Two one-story and basement frame dwellings.
Owner—Dr. C. P. Thompson, 5326 Geary St., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco. $4000 each

DWELLING
(3820) SE ALABAMA AND MULLEN Ave. One-story and basement frame dwelling.
Owner—Salvadore Dindia, 1650 Alabama St, San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Axel R. Larson, 246 Delano Ave., San Francisco. $5000

DWELLING
(3821) E FORTY-EIGHTH AVE 230 S Balboa. One-story and basement frame dwelling.
Owner—Benj. Schnier and D. Leigh, 840 44th Ave., San Francisco.
Architect—None. $4000

GARAGE
(3822) E THIRD 150 S Islais Creek. One-story frame private garage.
Owner—The Mohawk Oil Co., 311 California St., San Francisco
Architect—W. H. Armitage, 400 Call Bldg., San Francisco.
Contractor—H. A. Becker & Son, 3444 Twenty-second St., S. F. $3000

DWELLING
(3823) W THIRTY-SECOND AVE 100 N Geary. One-story and basement frame dwelling.
Owner—F. Bartman, 2133 Golden Gate Ave., San Francisco.
Architect—None.
Contractor—G. M. Hantzsche, 455 32nd Ave., San Francisco. $4950

DWELLING
(3824) E SAN JOSE AVE 29 N Kingston Ave. One-story and basement frame dwelling.
Owner—A. A. Wesendunk, 1747 Dolores St., San Francisco.
Plans by Owner. $3800

DWELLINGS
(3825) W EIGHTEENTH AVE 90, and 116-3 S Lawton. Two one-story and basement frame dwellings.
Owner—Louis Johnson, 2260 19th Ave., San Francisco.
Architect—None. $3900 each

DWELLINGS
(3826) SE OCEAN AVE AND WANDA. S OCEAN AVE 30-5½ and 60 E Wanda. Three one-story and basement framc dwellings.
Owner—Albert Hemmen, 140 Ellis St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St., San Francisco. $4000 each

DWELLING
(3827) N TEDDY AVE 50 E Eliot. One story and basement frame dwelling
Owner—David Baker, 1463 Thomas Ave., San Francisco.
Architect—None. $1850

DWELLINGS
(3828) W EIGHTEENTH AVE 142-6 and 168-9 S Lawton. Two one story and basement frame dwlgs.
Owner—Louis Johnson, 2260 19th Ave., San Francisco.
Architect—None. $3900 each

DWELLINGS
(3829) NE GENEVA 110-10 and 137-10 NE Mission. Two one-story and basement frame dwellings.
Owner—Patrick Horgan, 915 Pierce St., San Francisco.
Architect—None. $4000 each

APARTMENTS
(3830) S PACIFIC AVE 165 W Broderick W 55xS 167-8¾. All work for three-story and basement frame building (12 apartments).
Owner—S. A. and Bella Schwartz, 430 Funston Ave., San Francisco.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave. San Francisco.
Filed Oct. 13, '23. Dated Oct. 10, '23.
Actual cost of material and labor as work progresses on presentation of original invoice and payrolls .....
Usual 35 days.....Balance
TOTAL COST, not to exceed $56,000 contractor to receive 10% of cost
Bond, none. Limit, 140 days. Forfeit none. Plans and specifications filed.

CLASS C BLDG.
(3831) E FOLSOM 18-4 E Hampton Place 66-8 by irregular depth. All work for one-story and mazzanine Class C building.
Owner—H. L. Anderson.
Architect—Jas. H. Hjul, 1342 Mission St., San Francisco.
Contractor—Jas. H Hjul, 1342 Mission St., San Francisco.
Filed Oct 13, '23. Dated June 29, '23.
Frame up $3312.5
Roof boards on..... 3312.5
Completed 3312.5
Usual 35 days..... 3312.5
TOTAL COST, $13,250.0
Bond, none. Limit, 60 days. Forfeit $10. Plans and specifications, none.

DWELLING
(3832) NE DEWEY BLVD. (Lots 2 and 24 Blk 3, Forest Hill). One story and basement frame dwlg.
Owner — Lank Realty Co., 219 First National Bank Bldg(S. F.
Architect—H Stoner, 219 First Nat'l Bank Bldg., S. F. $450

DWELLING
(3833) W FIFTEENTH AVE 325 S Irving. Two-story and basement frame dwelling.
Owner—August Hallgren, 311 Hayes St., San Francisco.
Architect—None. $500

ALTERATIONS
(3834) NO. 624 FILLMORE ST., Raise and remodel store and flat.
Owner—A. Puccinelli, 620 Fillmore St San Francisco.
Architect — P. Righetti, 12 Geary St San Francisco.
Contractor—White & Robinson, San Francisco. $500

DWELLING
(3835) N GENEVA 25-4 E Madrid One-story and basement frame dwelling.
Owner—F. G. Pfieffer, 940 Geneva Ave San Francisco.
Architect—None.
Contractor — C. Lindberg, 257 Surrey St., San Francisco. $443

ALTERATIONS
(3836) NO. 2 HUGO ST. Alterations and additions for (4) apartments
Owner—Andrew Wilkin, Premises
Architect—H. Olson, 514 Central Bank Bldg., Oakland.
Contractor — Geo. C. Todhunter, 10 Ashbury St., San Francisco. $50

DWELLING
(3837) NE MADRID AND GENEVA One-story and basement frame dwelling.
Owner—A. Raeta, 940 Geneva Ave., San Francisco.
Architect—None.
Contractor — C. Lindberg, 257 Surry St., San Francisco. $59

REPAIRS
(3838) NO. 448 SIXTH ST. Repair fire damage to store and rooms.
Owner—Schultz Estate, 80 Post St., San Francso.
Architect—None.
Contractor—H. D. Nichols, 1381 Stevenson St., San Francisco $1000

ALTERATIONS
(3839) NO. 60, 62, 64 AND 66 SHARON St. Remodel flats for (12) apartments.
Owner—John D. and W. T. Gavigan, 1220 Paru St., Alameda.
Architect—R. R. Irvine, 736 New Call Bldg., San Francisco. $10,000

ALTERATIONS
(3840) NO. 2563 TWENTY-NINTH Ave. Raise dwelling; alter front and make additions.
Owner—W. Carlson, Premises.
Architect—None.
Contractor—E. Wiander, 41 Coleridge St., San Francisco. $2000

DWELLINGS
(3841) W TIFFANY AVE 432 & 457 N Twenty-ninth. Two one-story and basement frame dwellings.
Owner—W. A. Newsom, 3246 Mission St., San Francisco.
Plans by Owner. $4000 each

STATION
(3842) SW VAN NESS AVE & McAllister. One-story steel frame gasoline supply station.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Owner. $1500

ALTERATIONS
(3843) N CLEMENT 82-6 E Sixth Ave. (Nos. 432 & 434 Clement St.) Remodel flats and stores.
Owner—C. R. Danzinger, 11 Mills Bldg., San Francisco.
Architect—A. J. Laig, 2039 Baker St., San Francisco.
Contractor—C. H. Bessett Bldg. Co., Mills Bldg., S. F. $3000

APARTMENTS
(3844) N EIGHTEENTH 100 W Valencia. Two-story and basement frame (4) apartments.
Owner—E. E O'Dowd, Premises.
Architect—Evans & Co., 359 Pacific Bldg., San Francisco. $14,000

DWELLING
(3845) S GEARY 55 W Forty-second Ave. One-story and basement frame dwelling.
Owner—Wm. A. Miller, 671 27th Ave., San Francisco.
Architect—None. $3000

DWELLINGS
(3846) E TWENTY-FOURTH AVE 150 and 250 S Lincoln Way. Two two-story and basement frame dwlgs.
Owner—O. Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $5000 each

DWELLING
(3847) E TWENTY-FOURTH AVE 100 N Irving. Two-story and basement frame dwelling.
Owner—O. Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $5000

EXCAVATE, ETC.
(3848) NO. 2756-58-60 VALLEJO ST. Excavate basement for private garage; underpinning; replace wood with steel girder; cement work, etc.
Owner — Thos. R. Murphy, 802 Humboldt Bank Bldg., San Francisco.
Architect—C. A. Meussdorfer, 802 Humboldt Bank Bldg., S. F. $1000

ALTERATIONS
(3849) N VALLEJO 27-6 W Fillmore. Remove old stucco and veneer front of residence with brick; construct brick steps.
Owner—Wm. H. Hannam, 2304 Vallejo St., San Francisco.
Architect—Meyer & Johnson, 180 Jessie St., San Francisco. $4000

HOTEL
(3850) S SUTTER 57-6 W Jones. Six-story and basement concrete hotel.
Owner—James Welsh, care architects.
Architect — Baumann and Jose, 251 Kearny St., San Francisco $100,000

APARTMENTS
(3851) E LEAVENWORTH 65-6 S Ellis. 5-story and basement concrete (25) apartments.
Owner—M. Lager & Val Franz, 180 Jessie St., San Francisco.
Architect—None. $50,000

DWELLINGS
(3852) W MADRID 125 150 N Geneva. 2 1-story & basement frame dwlgs.
Owner—F. C. Grisez, San Bruno.
Plans by owner. $3500 each

DWELLINGS
(3853) E RAILROAD AVE. 100 132 164 196 228 260 N Bay Shore Ave. Six 1-story and basement frame dwlgs.
Owner — Crocker Estate Co., Scenic Way and South Hill Blvd., S. F.
Architect—None. $3000 each

APARTMENTS
(3854) W VALENCIA 70 S Eighteenth S 25xW 100. All work except painting, wall beds, fixtures, shades and water heaters for three story and basement frame apartments.
Owner—Marie and Harry Isaksen, 1106 Valencia St., San Francisco.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco.
Contractor—Carl Olson, 4009 26th St., San Francisco.
Filed Oct. 15, '23. Dated Oct. 12, '23.
Enclosed and roof on.....$4522.50
Brown coated 4522 50
Completed and accepted..... 4522.50
Usual 35 days..... 4522.50
TOTAL COST, $18,090.00
Bond, $9045. Sureties, Robert H. Smith and John Nelson. Limit, 120 days after Oct. 16, 1923. Forfeit, none. Plans and specifications filed.

STORE
(3855) W MISSION 30 S Twenty-first S 30-3xW 70. All work for store in building.
Owner—Wm. H Woodfield Jr., Alexander Bldg., San Francisco.
Architect—Wm F. Gunnison, 57 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Oct. 16, '23. Dated Oct. 12, '23.
On completion $1200
Usual 35 days..... 385
TOTAL COST, $1585
Bond, none. Limit, 19 days. Forfeit, none. Plans and specifications. filed.

COTTAGES
(3856) SW CABRILLO AND THIRTY-fifth Ave S 75 W 95 S 25 W 25 N 100 E 120. All work for four 6-room frame cottages.
Owner—H. Wissman, 5326 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros, 5326 Geary St., San Francisco.
Filed Oct. 15, '23. Dated July 18, '23.
Frame up $4912.50
Brown coated 4912.50
Completed and accepted..... 4912.50
Usual 35 days..... 4912.50
TOTAL COST, $19,650.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

ALTERATION
(3857) NW HUGO and Arguello Blvd. All work except electric work, painting, window shades and lighting fixtures for alteration to residence into apartment house.
Owner—Andrew Wilkie, No. 2 Hugo.
Architect—Wythe & Blaine, Central Bank Bldg., Oakland, Cal.
Contractor—George C. Todhunter, 1088 Ashbury Street.
Filed Oct. 15, 1923. Dated Oct. 15, 1923.
Payments on 1st and 15th.....75%
Usual 35 days 25%
TOTAL COST, $4474
Bond, Sureties, Forfeit, Limit none; Plans and Specifications filed.

SHOP
(3858) N FOLSOM 378-1½ W Fourth. Two-story concrete shop.
Owner—Victor Oxy Acetylene Equipment Co., 884 Folsom St., S. F.
Architect—R. W. Jenkins, 918 Harrison St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $18,000

APARTMENTS
(3859) SW BAY AND FRANKLIN. Three-story and basement frame (16) apartments.
Owner—Axel, A. Johnson, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $20,000

ADDITION
(3860) NE KANSAS AND TWENTY-fourth. One-story addition to 4-story Class B warehouse.
Owner — Bass-Hueter Paint Co., 816 Mission St., San Francisco.
Architect—Alfred A. Pyle Jr.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $14,000

FRAME FLATS
(3861) S JERSEY 216-8 E Church. Two-story and basement frame (2) flats.
Owner—J. P. Cannon, 137 Seventh St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $6000

DWELLING
(3862) W EIGHTH AVE 150 N Kirkham. One-story and basement frame dwelling
Owner — Geo. W. Witbeck, 3066 22nd St., San Francisco.
Architect—None. $3000

DWELLING
(3863) W NINETEENTH AVE 100 N Lawton. One-story and basement frame dwelling.
Owner—John Brunzell, 2504 25th Ave., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—John A. Pereira, 1215 12th Ave., San Francisco. $4000

DWELLING
(3864) W ALABAMA 182 N Twenty-third. One-story and basement frame dwelling.
Owner—Leon C. and Irene Mary Thomas, 1920 Palou Ave, S. F.
Architect—Wm. G. Zupar.
Contractor — William G. Zupar, 513 Grant Bldg., S. F. $4800

RESIDENCE
(3865) E TWENTY-NINTH AVE 81 N Cabrillo. Two-story and basement frame residence.
Owner—Wm. Costello, 758 29th Ave., San Francisco.
Architect—None. $7000

WAREHOUSE
(3866) S FOLSOM 350 E 6th. 1-story class C concrete warehouse.
Owner—F. S. Wilbert, care architect.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F.
Contractor—F. L. Hansen, 251 Kearny St., San Francisco. $6000

DWELLINGS
(3867) W THIRTY-SECOND AVE 250 and 300 S Taraval. Two one-story and basement frame dwlgs.
Owner—Parkside Rlty. Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St, San Francisco. $4000 each

DWELLING
(3868) S BRUNSWICK 297 W Whittier One and one-half-story and basement frame dwelling.
Owner—Aug. Saunier, 769 Brunswick St., San Francisco.
Architect—None. $2950

STORE FIXTURES
(3869) NO. 2506 MISSION ST. All work for store fixtures, etc.
Owner—National Shirt Shop, Inc., 768 Market St., San Francisco.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—Henry Jacks and Wm. K. Irvine, 5426 California St., S F.
Filed Oct. 16, '23. Dated Oct. 8, '23.
Cases installed ready for paint.$1366
Completed and accepted..... 1366
Usual 35 days..... 913
TOTAL COST, $3645
Bond, none. Limit, 30 days. Forfeit, plans and specifications, none.

STORE BLDG.
(3870) S BALBOA 45 W Thirty-fourth Ave. All work for one-story frame store building.
Owner—Patrick Joyce, 277 16th Ave., San Francisco.
Designer—A. T. Rushton.
Contractor—Thomas M. Jones, 3767 Army St., San Francisco.

Filed Oct. 16, '23. Dated Oct 6., '23.
At end of each month..... 75%
TOTAL COST, $——
Contractor to receive cost plus $300 Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

STRUC. STEEL
(3871) NE POST & POWELL N 137-6 x E 162-9. Structural steel framing for skylight for 10-story class A office building.
Owner—Wm. M. & Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Western Iron Works, 141 Beale St., San Francisco.
Filed Oct. 16, 1923. Dated Oct. 15, 1923.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $1552
Bond, $776; Sureties, National Surety Co.; Forfeit, none; Limit, 30 days; Plans and specifications filed.

LOFT BLDG.
(3872) NW BRANNAN 150 NE 2nd NE 125 x NW 160. All work for 6-story and basement reinforced concrete loft building.
Owner—Terminal Warehouse Co.
Engineer—W. H. Ellison, 369 Pine St., San Francisco.
Contractor — Clinton Construction Co., 923 Folsom St., San Francisco.
Filed Oct. 16, 1923. Dated Oct. 16, 1923.
1st and 15th each month.....90%
After 30 days 10%
TOTAL COST, $171,160
Bond, $9000; Sureties, A. Huber Jr., W. B. Brinker; Forfeit, none; Limit, 135 days; Plans and specifications filed.

FLATS
(3873) W TWENTY-FIRST AVE. 200 N Fulton. 2-story and basement frame (2) flats.
Owner—G. J. Ferrari, 614 Front St., San rFancisco.
Architect—None.
Contractor—F. A. Legault, 257 8th Ave. San Francisco. $10,000

APARTMENTS
(3874) N FULTON 128-10 W Parker Ave. 2-story and basement frame (3) apartments.
Owner—Geo. W. Davis, 145 Sutter St., San Francisco.
Architect—None
Contractor—F. A. Legault, 257 8th Ave. San Francisco. $10,000

BUILDINGS
(3875) S BRYANT 286½ and 315-10½ W 2nd. Two 2-story reinforced concrete commercial buildings.
Owner—Smith O'Brien & C. B. Hobson 742 Market St., San Francisco.
Architect—Smith O'Brien, 742 Market St., San Francisco. $6000 ea

---

RESIDENCE
(3876) E FUNSTON AVE. 30 N Fulton. 2-story and basement frame residence.
Owner—J. Filippi, 1559 Palou Ave., San Francisco.
Architect—Antone Petersen, 2770 San Bruno Ave, San Francisco.
Contractor—John R. Morrison 3332 21st St., San Francisco. $7000

DWELLING
(3877) E TWENTY-FIFTH AVE. 125 N Kirkham. 1-story and basement frame dwelling.
Owner—Gordon Taylor, 1478 25th Ave. San Francisco.
Plans by owner. $3000

APARTMENTS
(3878) NW POLK AND CLAY STS. Plaster wood exteriors of apartments on street fronts.
Owner—Jacob Weissbein, Hobart Bldg. San Francisco.
Architect — Baumann and Jose, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St San Francisco. $3000

ROOMING HOUSE
(3879) SE SACRAMENTO & STOCKton Sts. Enlarge 3 rooms on each floor of rooming house
Owner—W. E. Meyer, 423 Kearny St., San Francisco.
Architect—None. $1500

SERVICE STATION
(3880) NW POTRERO AVE. & ALAmeda. 1-story steel service station
Owner—Shell Co. of Calif., 343 Sansome St., San Francisco.
Plans by owner. $1400

ADDITION
(3881) 3639 17th St. One-room addition for flats (T & G roofing; erect stairs).
Owner—Oskar Olson, 3639 17th St., San Francisco.
Architect—None.
Contractor—Axel Larson, 25 Rivoli St., San Francisco $1000

DWELLING
(3882) 446 THIRD AVE. 1-story and basement frame dwelling.
Owner — Mrs. Sitz, care No. 545 Clement St., San Francisco.
Architect—None. $1000

DWELLINGS
(3883) E THIRTY-THIRD AVE. 200 225 N Irving. 2 2-story and basement frame dwellings.
Owner—F. Nelson & Sons, 2 West Portal Park, San Francisco.
Architect—None. $3000 ea

APARTMENTS
(3884) E VAN NESS AVE. 163-3 N Broadway. 3-story and basement frame (3) apartments.
Owner—Dr. F. C. Keck, Liberty Bank Bldg., San Francisco.
Architect—Wm. F. Gunnison & Grace Jewett, associate, 57 Post St., San Francisco. $18,000

APARTMENTS
(3885) E TWENTY-FIRST AVE. 175 N Balboa. 2-story and basement frame (4) apartments.
Owner—H. A. Meyer, 485 22nd Ave., San Francisco.
Architect—None.
Contractor—Klaus Adler, 493 22nd Ave. San Francisco. $13,000

FLATS
(3886) W TWENTY-SIXTH AVE 100 N Geary All work for 2-story frame building (flats).
Owner—Lonella Arrington, care contractor.
Architect—Christiansen Bros., 518 25th St., San Francisco.
Contractor — Christiansen Bros., 518 25th St., San Francisco
Filed Oct. 17, 1923. Dated Oct. 8, 1923.
Frame up $3487.50
Brown coated 3487.50
Completed and accepted 3487.50
Usual 35 days 3487.50
TOTAL COST, $13,950
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

CARPENTER WORK ETC.
(3887) NE HAIGHT AND WEBSTER Carpenter, concrete, mill work, plastering, painting, electric work for 3-story frame apartment bldg.
Owner—Dr. E. C. Dyer, 506 Haight St., San Francisco.
Architect—None.
Contractor—Cox Bros. Inc., 1309 9th Ave., San Francisco.
Filed Oct. 17, 1923. Dated Oct. 15, 1923
Frame up $11,018
Brown coated 11,018
Completed and accepted..... 11,018
Usual 35 days 11,018
TOTAL COST, $44,072
Bond, Sureties, Forfeit, none; Limit, 120 days; Plans and specifications filed.

TERRAZZO WORK
(3888) N FILBERT 137-6 E Powell E 137-6 x N 160. Terrazzo work for S.S. Peter and Paul's church.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—Charles Fantoni, 550 Montgomery St., S. F.
Contractor—F. Grassi & Co., 135 Tehama St., San Francisco.
Filed Oct. 17. 1923. Dated Oct. 10, 1923.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $2000
Bond, $1000; Sureties, New Amsterdam Casualty Co.; Forfeit, $10; Limit, Jan. 15, 1924; Plans and Specifications, none

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Oct. 11, 1923—S GEARY 82-6 W Tenth Ave W 25xS 100. G Longuy to Mattock & Feasey...Oct. 11, 1923
Oct. 11, 1923—N BUSH 137-6 W Montgomery 68-9x137-6. W F Dunn and Geo H Roos to Monson Bros .....Oct. 6,1923
Oct. 11, 1923—N CORBETT AVE 213 W Ord 120 and 124 Corbett Ave. John C Schmidt to whom it may concern.....Oct. 6, 1923
Oct. 11, 1923—S LINCOLN WAY 125 E 26th Ave. Emma P Lutley to McKeller & Son.....—
Oct. 11, 1923—LOT 7 BLK 18 Amended Map Ingleside Terraces, Linnoe and Gordon W Morris to whom it may concern.....Oct. 1, 6923
Oct. 11, 1923—S LINCOLN WAY 100 E 26th Ave. Anna E Eitner to McKellan & Son.....—
Oct 11, 1923—SW FRANCIS 450 NW Mission NW 25xSW 150. Ray Overhouse to whom it may concern.. .....October 11, 1923
Oct. 13, 1923—E TWENTY-THIRD Ave 75 S Geary S 25xE 106. Klaus Adler to whom it may concern.. .....Oct. 13, 1923
Oct. 13, 1923—E TWENTY-THIRD Ave 75 S Geary S 25xE 106. Klaus Adler to whom it may concern... .....Oct. 13, 1923
Oct. 13, 1923—E TWENTY-THIRD Ave 100 S Geary S 25xE 120. J O Onstott to Klaus Adler...Oct. 13, 1923
Oct. 13, 1923—NW MASON & SHERman Place W 60xN 20. Carlo Matraia to J Del Favero...Oct. 10, 1923
Oct. 13, 1923—N HOWARD 95-10 E Beale Christie Machine Works to Wm Martin.....Oct. 10, 1923
Oct. 13, 19.3—N HOWARD 45-10 E Beale. Christie Machine Works to Wm Martin.....Oct. 10, 1923
Oct. 13, 1923—S JACKSON 112-6 E Brodcrick. John J Kingwell to whom it may concern....Oct. 10, 1923
Oct. 13, 1923—W FOURTEENTH AV 125 N Judah N 25xW 127-6. The McCarthy Co to James Arnott & Sons.....Oct. 11, 1923
Oct. 13, 1923—E TWENTY-SEVENTH Ave 137-6 S West Clay S 18-9xE 120; E Twenty-seventh Ave 206-3 S West Clay S 18-9xE 120. J B Hanson to whom it may concern..... .....October 11, 1923
Oct. 13, 1923—NE PALOU AVE 125 NW Keith 25x100 being Lot 15 Blk 309 South S. F. Hd and R R Assn Geo Lorenz to T L Sharman..... .....October 1, 1923
Oct. 15, 1923—N TWENTY-FOURTH 135 E Mission 25x100. Jean and Anna Pats to H Mainberger..... .....Oct. 11, 1923
Oct. 15, 1923—NE GOUGH & CHESTnut 25x87-6. George Ravani to V Maffei.....Oct. 10, 1923
Oct. 15, 1923—S LOMBARD 175 W Van Ness Ave W 25xS 137-6. Fio Vasconi to John Harder..Oct. 5, '23
Oct 15, 1923—W ELEVENTH AVE 250 S Moraga S 25xW 120. A S Gagnon to J A Jenkins...Sept. 12, '23
Oct. 15, 1923—S O'FARRELL 68-9x 137 W line Lot being 68-9 E Taylor Lawrence Barrett to Barrett & Hilp.....Oct. 15, 1923
Oct. 15, 1923—N BRANNAN AND Second NW 160xNE 100. Los Angeles Soap Co to Brass & Kuhn Co .....Oct. 9, 1923
Oct. 15, 1923—SW ANZA AND 41ST Ave S 100xW 81-6. Wm H Barry to Meyer Bros.....Oct. 10, 1923
Oct. 15, 1923—S SUTTER 217-6 E Montgomery S 119-4½ m or l SW 71-10½ N 159-8⅞' m or l to beg. Provident Securities Co to Lawton & Vezey.....Oct. 13, 1923
Oct. 15, 1923—W TWELFTH AVE 100 S California. Lena Blakesley and Regina Hecht to Thos. McCormick .....Oct. 15, 1923
Oct 15, 1923—W FIFTEENTH AVE 100 S Cabrillo 25x127-6. Strand & Strand to whom it may concern .....October 14, 1923
Oct. 15, 1923—W THIRTY-NINTH Ave 100 S Anza S 25xW 120. Moses Little to whom it may concern.... .....October 11, 1923
Oct. 15. 1923—SE TURK & LEAVENworth 57-6x82-6. D J Clancy to whom it may concern..Oct. 15, 1923

Oct. 16, 1923—SE LISBON 150 NE Avalon Ave NE 50xSE 100 Ptn Blk 31, Excl. Hd. Assn. Henry and Katherine Dobert to whom it may concern.....Oct. 15, 1923
Oct. 16, 1923—W THIRTY-THIRD Ave 93 S Cabrillo S 32xW 120. J F Dowling to whom it may concern.....Oct. 16, 1923
Oct 16, 1923—NW PAGE AND LAguna W 107-6xN 120. The Emanu-El Sisterhood Inc to Barrett & Hilp.....Oct. 15, 1923
Oct. 16, 1923 — N KIRKHAM 95 W Fifth Ave 25x130. Charles Monson to whom it may concern.....October 15, 1923
Oct. 16, 1923—LOTS 5 AND 6 BLK "H" Mission Terrace. Walter E Hansen to whom it may concern.....Oct. 15, 1923
Oct. 16, 1923—N ORTEGA 107-6 W 19th Ave 25x100. Loraine Johnson to whom it may concern.....Sept. 5, 1923
Oct. 16, 1923—W GUERRERO 180 S Twenty-seventh 33x100. Mrs. C J Carlson to J Eldrup and C Hermanson.....Oct. 12, 1923
Oct. 16, 1923—E THIRTY-SEVENTH Ave 150 N Cabrillo N 25xE 120. Roy A Pratt to whom it may concern.....Oct. 16, 1923
Oct 16, 1923—E THIRTY-SEVENTH Ave 125 N Cabrillo N 25xE 120. Roy A Pratt to whom it may concern.....Oct. 16, 1923
Oct. 16, 1923—E THIRTY-FIFTH Ave 125, 150, 250 and 275 S Taraval S 25x120. Parkside Realty Co. of S. F. to whom it may concern.....Oct. 13, 1923
Oct. 16, 1923—E THIRTY-EIGHTH Ave. 100 S Baloa S 100 -4 x E 120 Fred Andersen to whom it may concern.....Oct. 1, 1923
Oct. 16, 1923—E MISSION 215 S 19th 45 x 90. The Rudolph Wurlitzer Co to Fred Wagner, Sept 22; Crown Electric Co., Sept. 22; Brumfield Electric Sign Co., July 31; P. A. Smith, Oct. 15; P. Grassi. Oct. 15, 1923
Oct. 17, 1923—E STOCKTON 90-6 S Pine 47x137-6. E V Lacey to Mission Concrete Co.....Oct. 15, 1923
Oct. 17, 1923—E FORTY-SECOND AV 50 S Balboa 50x82-6. J W Edmonds to whom it may concern. Oct. 17, 1923
Oct. 17, 1923—W FIFTEENTH AVE 275 S Judah S 25xW 127-6. John E and Ethel M McCarthy to whom it may concern.....Oct. 15. 1923
Oct. 17, 1923—E FIFTEENTH AVE 250 S Lincoln Way 25x127-6. O. J. Ohlson to whom it may concern.....Oct. 17, 1923
Oct. 17, 1923—S UNION 112-6' W Broderick W 25xS 137-6. Mary A Wright to whom it may concern.....October 11, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

Oct. 11, 1923—S PACIFIC AVE 123 E Van Ness Ave E 125xS 127-8¼. Truscon Laboratories and Chas. Holloway Jr vs A A Tiscornia...$147
Oct. 13, 1923—E TWENTY-SEVENTH Ave 175 N Geiry N 25xE 127-6. P E O'Hair & Co vs Carl A Schneider and D J Beasley.....$308.81
Oct. 16, 1923—S BROADWAY 160 E Leaveworth E 46xS 60. Jas E Lennon Lime & Cement Co vs W H Depew and Harland Enlow.$289.15
Oct. 16, 1923—SW LINCOLN WAY & Thirty-second Ave W 125xS 75. Jas E Lennon Lime & Cement Co vs Fernando Nelson, T W McClenahan and H E Weiser.....$289.87
Oct. 16, 1923—W SEVENTEENTH AV 175 N Fulton W 120xN 25. William M Buick vs G E Watson.....$725
Oct. 17, 1923—E MISSION 215 S 19th S 45xE 122-6. Reinhart Lumber & Planing Mill vs M E Green and The Rudolph Wurlitzer Co...$3734.87
Oct. 17, 1923—COM. 75 E Lee and 375 N Holloway Ave E 25 N 98-2 m or l to Ocean Ave NW 25.88 m or l S 105.5 m or l Ptn Blk F Lakeview. Ellis Hallsor vs John Morrison & J P Pressans $18 65

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Oct. 11, 1923—W JONES 60 N Pacific N 20xW 68-6. White Bros to Hyman Bros .....
Oct. 11, 1923—NW MORSE 134 NE Lowell NE 25 NW 122 m or l SW 25 m or l SE 122 m or l. Pioneer Plate & Window Glass Co to A M Tadwick and Chas Delmarter.....
Oct 11, 1923—W SECOND AVE 300 S Anza S 25xW 120. J E Higgins Lumber Co to W H Price, Ethel Price, Wm O Snell, San Francisco Hardwood Floor Co.....$1,257.12
Oct. 13, 1923—SW STEINER & McAllister S 55xW 104-11. Lester H Buckley, Adm Est H. S. Buckley, deed to J L and Ada Price.....$587.50
Oct. 15, 1923—S BUSH 186 W Steiner W 36.5xS 137.5. Wayne Millwork & Lumber Co to Annie and Gust Bernda and Geo A Williams.....
Oct. 16, 1923—NW MORSE 134 NE Lowell NE 25xNW 122 m or l. Chas D Delmarter to Anthony M Tadwick .....
Oct. 16, 1923—S BUSH 186 W Steiner W 36-6 x S 137-6. The Roman Paint Co. to Gus & Annie Berndt, Jones Bros. .....
Oct. 16, 1923—S BUSH 186 W Steiner W 36-6 137-6 137-6 E 36-6 N 137-6. Harry Hardwood Floor Co., Goldberg & Wilson Electric Co. to Gus Berndt, Anna Berndt and Geo. A. Williams .....
Oct. 16, 1923—N 15 FT LOT 14 & S 25 ft lot 15 blk 3252 Balboa Terrace. Reinhart Lumber & Planing Mill Co. to C. F. Parker, Anna D. & Bernard B. Stimmel $1558.80

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Oct. 13, 1923—SE ELLIS AND FILLmore S 83xE 71. Joel Investment Co as to improvements on property .....
Oct. 13, 1923—S HAIGHT 162-6 E Octavia. Edwin T Cooper as to improvements on property.....
Oct 15, 1923—NO. 146-148 MAIDEN Lane. Carrie E or Mary E Bridge as to improvements on property..

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4739	Werner	Owner	2500
4740	Day	Designers	5950
4741	Lalson	Conrad	10700
4742	Armstrong	Owner	7500
4743	Krieger	Owner	6000
4744	Bramstrey	Brenman	600
4745	Boulus	Elliott	5000
4746	Keck	Owner	2500
4747	Edwards	Owner	3000
4748	Edwards	Schmidt	9450
4749	Coates	Owner	2000
4750	Mose	Goodrich	2000
4751	McElhinney	Muller	6500
4752	Ballem	Owner	2750
4753	Kimball	Glaser	3200
4754	Bank of Italy	Owner	7000
4755	Garrett	Mattison	3300
4756	Schnect	Owner	8000
4757	Perkins	Conner	3500
4758	Zampes	Owner	3500
4759	Drysdale	Owner	3500
4760	Shell Co.	Owner	3500
4761	Morrison	Owner	4000
4762	Waters	Walker	12500
4763	Thatcher	Frostholm	6100
4764	Cord	Owner	2900
4765	Burks	Owner	3500
4766	Minius	Larmer	4900
4767	Cormick	Thomas	1800
4768	Vivian	Owner	2500
4769	Latapsie	Gaubert	3000
4770	Clark	McKay	1000
4771	Jewish Relief	Mission	12620
4772	Pac Tel.	Monson	57640
4773	Lion	Anderson	9485
4774	Goodwin	Woodward	8000
4775	Hiester	Blethroad	4500
4776	Johnson	Lehman	4390
4777	Haven	Norwood	1000
4778	Normandie	Martin	4000
4779	Kelly	Reite	3500
4780	Schneider	White	4250
4781	Swanson	Owner	3000
4782	Francis	Owner	4000
4783	Paul	Atteberg	3000
4784	Gow	Owner	3600
4785	Brown	Owner	6500
4786	O'Neal	Palton	2750
4787	Orton	Owner	3500
4788	American	Owner	3000
4789	Wielhauer	Petersen	4000
4790	Whitmore	Owner	2000
4791	Jacobsen	Skaggs	7000
4792	Elliott	Petersen	7000
4793	Clark	Owner	3000
4794	De Long	Ward	3000
4795	Merlingones	Owner	4600
4796	Reeves	Owner	2000
4797	Prewett	Alexander	3000
4798	Butler	Owner	12000
4799	Schomlg	Boeddeker	2000
4800	Hambleton	Owner	3600
4801	College	Amer.	4178
4802	College	Ostlund	10195
4803	College	Cal. Art.	4842
4804	Ng Shun Leong	Powers	23200
4805	Rosana	Holm	2000
4806	Brazier	Owner	4000
4807	Chandler	Koski	1000
4808	Meader	Owner	3000
4809	Pavert	Owner	7900
4810	Wickland	Monroe	1000
4811	Granquist	Owner	3000
4812	Ramin	Owner	1500
4813	Crust	Owner	6000
4814	Greenberg	Rich	4000
4815	Ingram	Owner	3000
4816	Center	Gyde	4000
4817	Reeves	Owner	7200
4818	Ross	Mattison	3500
4819	Rosenkranz	Land	4400
4820	Sigwald	Owner	3750
4821	Heeseman	Leiter	2750
4822	Bredehoft	Owner	2500
4823	Goodale	Carper	5000
4824	Jocuzzi	Owner	1200
4825	Bartlett	Baker	2500
4826	Young	Pearson	2500
4827	Willis	Owner	3200
4828	Axdal	Andresen	4600
4829	Palmer	Sommarstrom	4000
4830	Burns	Peterson	10500
4831	Wahmuth	Vollmer	1500
4832	Stone	Owner	12950
4834	Landenholm	Erickson	4650
4835	Colton Bros.	Owner	3000
4836	Thatcher	Frostholm	6000
4837	Anderson	Owner	3000
4838	Holland	Dinwiddie	1000
4839	Mer'ntl T'st Co.	Holmes	7350
4840	Mer'ntl T'st Co	Hillam	1946
4841	Mer'ntl T'st Co	Campanile	795
4842	Mer'ntl T'st Co	Knights	630

DWELLING
(4739) NO. 2508 ACTON ST., Berkeley. One-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2500

DWELLINGS
(4740) NO. 532 AND 534 COLUSA ST., Berkeley. Two one-story 4-room dwelling.
Owner—W. E. Day, 2526 Grove St., Berkeley.
Architect—None.
Contractor—Designers & Builders Corporation, 1956 University Ave., Berkeley. $2950 each

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

DWELLING
(4741) NO. 1631 OXFORD ST., Berkeley. Two-story 12-room dwlg.
Owner—Oscar Lalson.
Architect—None.
Contractor—Allen & Conrad, 357 12th St., Oakland. $10,700

DWELLING
(4742) NO. 1776 HEARST AVE., Berkeley. Two-story 7-room dwlg.
Owner—F. E. Armstrong, 2610 Hillegass Ave., Berkeley.
Architect—None. $7500

DWELLING
(4743) NO. 1964 EL DORADO ST., Berkeley. Two-story 7-room dwlg.
Owner—C. J. Krieger, 2513 Keith Ave., Berkeley.
Architect—None. $6000

DWELLING
(4744) NO. 728 ARLINGTON ST., Berkeley. Two-story 7-room dwlg.
Owner—D. M. Bramstrey.
Architect—None.
Contractor—J. P. Brennan, 2110 Shattuck Ave, Berkeley. $6000

DWELLING
(4745) NO. 950 SAN BENITO, Berkeley Two-story 6-room dwelling.
Owner—Fred D. Baulus, 1567 San Lorenzo Ave., Berkeley.
Architect—None.
Contractor—O. E. Elliott, 908 Peralta Ave., Berkeley. $5000

DWELLING
(4746) W SIXTY-FIRST AVE. 120 S Braun, Oakland. 1-story 4-room dwelling.
Owner—Paul Louis Kick, 2325 Humboldt Ave., Oakland.
Architect—None. $2500

DWELLING
(4747) W MINNA ST. 65 N Dale Place, Oakland. 1-story 5-room dwelling.
Owner—George Edwards, 3801 E-12th St., Oakland.
Architect—None. $3000

DWELLING
(4748) 875 CLEVELAND Oakland. 2-story 7-room dwelling.
Owner—D. N. Edwards.
Architect—None.
Contractor—B. H. Schmidt, 2237 E-16th St., Oakland. $9450

DWELLING
(4749) W EASTMAN AVE. 237 S Penniman Ave., Oakland. 1-story 4-rm. dwelling.
Owner—W. J. Coates, 3121 Peralta Ave. Oakland.
Architect—None. $2000

DWELLING
(4750) E MIDVALE 750 N Wisconsin, Oakland. 1½-story 5-room dwlg.
Owner—Ruth W. Moss, 4151 35th Ave., Oakland.
Architect—None.
Contractor—W. S. Goodrich, 4151 35th Ave., Oakland. $2000

STORES
(4751) W GRAND AVE., bet. Santa Clara and Elwood, Oakland. 1-story 3-room stores.
Owner—D. McElhinney.
Architect—None.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $6500

DWELLING
(4752) E SIXTY-SEVENTH AVE. 320 S Avenal, Oakland. 1-story 4-room dwelling.
Owner—R. J. Ballem, 802 27th St., Oakland.
Architect—None. $2750

DWELLING
(4753) 2732 SIXTY-FIRST AVE., Oakland. 1-story 5-room dwelling.
Owner—Mrs. F. A. Kimball, 2113 Valdez St., Oakland.
Architect—None.
Contractor—Allen & Glaser, 1815 83rd Ave., Oakland. $3200

CONC. VAULT
(4754) 3204 E-FOURTEENTH ST., Oakland. Concrete vault and alterations
Owner—Bank of Italy.
Architect—None. $7000

DWELLING
(4755) 4016-EVERETT AVE., Oakland 1-story 5-room dwelling.
Owner—J. Garrett.
Architect—None.
Contractor—E. T. Mattison, 3629 Laguna Ave., Oakland. $3300

DWELLINGS
(4756) 3378 & 3384 MAINE ST., Oakland. Two 1-story 5-room dwlgs.
Owner—A. W. Schneet, 3404 Maine St., Oakland.
Architect—None. $3000 each

DWELLING
(4757) E SEMINARY 40 N Brann, Oakland. 1-story 5-room dwelling
Owner—A. W. Perkins, 618 33rd Ave., Oakland.
Architect—None.
Contractor—Roy Connor, 2848 Hopkins Oakland. $3500

DWELLING
(3758) NW COR. FORTY-FIRST AND Market Sts., Oakland. 1-story 5-rm. dwelling.
Owner—Pitter Zampes, 1821 Elm St., Alameda.
Architect—None. $3500

DWELLING
(3759) 2321 THIRTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—George H. Drysdale, 3936 Santa Rita, Oakland.
Architect—None. $3500

SERVICE STATION ETC.
(4760) NE COR. FOOTHILL BLVD. & Seminary Ave., Oakland. 1-story steel service station and comfort station.
Owner—Shell Co. of Calif., 343 Sansome St., San Francisco.
Architect—None. $3500

DWELLING
(4761) S SIXTY-SIXTH ST. 240 W Telegraph, Oakland. 1-story 5-rm. dwelling.
Owner—K. C. Morrison, 443 62nd St., Oakland.
Architect—None. $4000

APARTMENTS
(4762) NW COR. SANTA CLARA AND Walsworth, Oakland. 2-story 16-room apts. and garage.
Owner—Margaret Waters, 3231 Boston Ave., Oakland.
Architect—None.
Contractor—S. C. Walker, 3231 Boston Ave., Oakland. $12,500

DWELLING
(4763) LOT 20 BLK D GRAND AVE., Heights, Oakland. All work for 1-story frame dwelling.
Owner—C. C. Thatcher, 333 Park View Terrace, Oakland.
Architect—None.
Contractor—H. M. Frostholm 877 Lakeshore Ave., Oakland.
Filed Oct. 11, 1923. Dated Oct. 10, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6100
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLINGS
(4764) E ONE HUNDRED SECOND Ave. 210 260 290 S Sunnyside Ave., Oakland. 3 1-story 4-room dwlgs.
Owner—E. J. McCord, San Leandro.
Architect—None. $2900

DWELLING
(4765) 5727 FLEMING, Oakland. 1-sto. 5-room dwelling.
Owner—C. E. Burks, 4127 Randolph Av. Oakland.
Architect—None. $3500

STORES & DWLS.
(4766) W GROVE ST. 40 N 57th St., Oakland. 1-story 6-room stores and dwelling.
Owner—W. Minius.
Architect—None.
Contractor—E. W. Larmer, 90 Fairview Ave., Oakland. $4900

DWELLING
(4767) E FIFTY-EIGHTH AVE. 900 S Tevis St., Oakland. 1-story 4-room dwelling.
Owner—E. McCormick, 2212 E-36th St., Oakland.
Architect—None.
Contractor—E. D. Thomas, 3141 West St., Oakland. $1800

DWELLING
(4768) E SIXTY-SIXTH AVE. 73 N E-14th St., Oakland. 1-story 3-room dwelling.
Owner — Wm. Vivian, 1738 Ney Ave., Oakland.
Architect—None. $2500

DWELLING
(4769) N FIFTY-NINTH ST. 60 E Marshall, Oakland. 1-story 4-room dwelling.
Owner—L. Latapsie, 5900 Marshall St., Oakland.
Architect—None.
Contractor—N. Gaubert, 1910 40th Ave., Oakland. $3000

ADDITION
(4770) 1724 EIGHTY-NINTH AVE., Oakland. Addition.
Owner—Margaret A. Clark, 1736 89th Ave., Oakland.
Architect—None.
Contractor—David A. McKay, 1806 38th Ave., Oakland. $1000

BUILDING
(4771) N FOURTEENTH ST. E Brush St., Oakland. All work for 1-story conc. community center building
Owner — Jewish Relief Federation of Alameda County, 326 327 Albany Bldg., Broadway, Oakland.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Contractor—Mission Concrete Co., Call Bldg., San Francisco.
Filed Oct. 11, 1923. Dated Oct. 5, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $12,620
Bond, Sureties, Forfeit, none; Limit 120 days; Plans and specifications filed.

ADDITION
(4772) 3430 FOOTHILL BLVD., Oakland. 3-story brick addition.
Owner—Pac. Tel. & Tel. Co., 333 Grant Ave., San Francisco.
Architect—None.
Contractor—Monson Bros., 251 Kearny St., San Francisco.
Filed Oct. 13, 1923. Dated Oct. 4, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $57,640
Bond, 28,820; Sureties, Hartford Accident & Indemnity Co.; Bonus, $100 day; Forfeit, $100 day; Limit, 50 days after Oct. 16; Plans and specifications filed.

ALTER & ADDITION
(4773) 810 PARU ST., Alameda. Alteration and addition to dwelling and garage.
Owner—E. H. Lion, premises.
Architect—Sidney B. & Noble Newsom Nevada Bank Bldg., S. F.
Contractor—C. M. & Bertha Andersen and L. Anderson.
Filed Oct. 13, 1923. Dated Oct. 9, 1923.
Ready for plaster $2370
Plastered 2370
Completed and accepted 2370
Usual 35 days 2375
TOTAL COST, $9485
Bond, Sureties, none; Forfeit, $5 day; Plans and specifications filed.

DWELLINGS
(4774) 2935 & 2939 ACTON, Berkeley. 2 1-story 6-room dwellings.
Owner—Esther S. Goodwin.
Architect—None.
Contractor—E. W. Woodward, 435 Merritt Ave., Oakland. $4000 ea

DWELLING
(4775) 2015 CARLTON, Berkeley. 1-story 5-room dwelling.
Owner—Mrs. H. Hiester, 2127 Carlton St., Berkeley.
Architect—None.
Contractor—D T. Blethroad. $4500

DWELLING
(4776) 2629 COLLEGE AVE., Berkeley 1-story 5-room dwelling.
Owner—Otis F. Johnson 6425 Telegraph Ave., Berkeley.
Architect—None.
Contractor—J. Lehman, 959 Apgar St., Oakland. $4390

ALTERATION
(4777) 2811 CHANNING WAY, Berkeley. Alteration.
Owner—Chas. D. Haven, premises.
Architect—None.
Contractor — Norwood & Harris, 5912 Ayala St., Oakland. $1000

DWELLING
(4778) 1328 McGEE, Berkeley. 1-story 5-room dwelling.
Owner—Harold de Normandie 1136 Sutter St., Berkeley.
Architect—None.
Contractor—Roy V. Martin, 1616 25th Ave., Oakland. $4000

DWELLING
(4779) 2256 SUMMER, Berkeley. 1-sto. 5-room dwelling.
Owner—Mrs. Margaret Kelly 2542 Hillegass Ave., Berkeley.
Architect—None.
Contractor—Reite Bros., 470 Lincoln Ave., Alameda. $3500

ADDITION
(4780) 2021 VINE ST., Berkeley. Addition.
Owner—A. Schneider, premises.
Architect—None.
Contractor — Joseph A. White, 1631 Edith St., Berkeley. $4250

DWELLING
(4781) 3060 ARKANSAS, Oakland. 1-story 5-room dwelling.
Owner—Axel Swanson, 3085 Capp St., Oakland.
Architect—None. $3000

DWELLING
(4782) 342 CLIFTON ST., Oakland. 1-story 6-room dwelling.
Owner—E. O. Francis, 1422 14th Ave., Oakland.
Architect—None. $4000

DWELLING
(4783) 4143 CARRINGTON AVE., Oakland. 1-story 4-room dwelling.
Owner—Mrs. Myrna A. Paul.
Architect—None.
Contractor—A. R. Attebery, 2036 42nd Ave., Oakland. $3000

DWELLING
(4784) 480 CLIFTON ST., Oakland. 1-story 5-room dwelling.
Owner—Andrew B. Gow, 5668 Ayala St. Oakland.
Architect—None. $3500

DWELLINGS
(4785) 1434 & 1438 E-THIRTY-SIXTH St., Oakland. 2 1-story 5-rm. dwlgs
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000 & $3500

DWELLING
(4786) SW COR. FIFTY-SIXTH AND Market Sts., Oakland. 1-story 4-room dwelling
Owner—Nettie G. O'Neil, 1923 Haste St. Oakland.
Architect—None.
Contractor—Patton & Kelso, 533 46th St., Oakland. $2750

DWELLING
(4787) 5421 FLEMING AVE, Oakland. 1-story 5-room dwelling.
Owner—A. E. Orton, 2558 Seminary Av., Oakland.
Architect—None. $3500

STORE & DWLG.
(4788) W FIFTY-SECOND AVE. 348 S E-14th St., Oakland. 1-story 4-room store and dwelling.
Owner—American Const. Co., 1422 14th Ave., Oakland.
Architect—None. $3000

DWELLING
(4789) S FLEMING AVE. 500 N Courtland, Oakland. 1-story 5-rm. dwlg.
Owner—Frank Wielhauer.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $4000

DWELLING
(4790) N GEORGIA ST. 200 E Peralta Ave., Oakland. 1-story 4-room dwlg
Owner—C. E. Whitmore, 3836 E-14th St., Oakland.
Architect—None. $2000

FLATS
(4791) NE COR. GROVE & THIRTY-fourth Sts., Oakland. 2-story 8-rm. flats.
Owner—C. V. Jacobsen, 3312 Grove St., Oakland.
Architect—None.
Contractor—J. H. Skagg, 536 44th St., Oakland. $7000

APARTMENTS
(4792) SE. COR. HARRINGTON AND San Juan, Oakland. 2-story 8-room apartments.
Owner — A. Elliott, 1922 Harrington, Oakland.
Architect—None.
Contractor—J. P. Petersen, 2053 38th Ave., Oakland. $7000

DWELLING
(4793) 1981 HARRINGTON AV., Oakland. 1-story 5-room dwelling.
Owner—O. R. Clark, 2009 Harrington Ave., Oakland.
Architect—None. $3000

DWELLING
(4794) S HOPKINS 250 W Midvale, Oakland. 1-story 5-room dwelling.
Owner—W. I. De Long, 1725 B St., Hayward.
Architect—None.
Contractor — Percy Ward, 4008 Lyon Ave., Oakland. $3000

DWELLING
(4795) S LOCUST 50 & 80 E 38th Ave., Oakland. 2 1-story 4-room dwlgs.
Owner—Clarence Merlingones, 1225 E-18th St., Oakland.
Architect—None. $2800 each

DWELLING
(4796) 3700 LOMA VISTA, Oakland. 1-story 4-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2000

DWELLING
(4797) N NEY AVE. 256 E 81st Ave., Oakland. 1-story 5-room dwelling.
Owner—Edna E. Prewett.
Architect—None.
Contractor—H. E. Alexander, 8016 Ney Ave., Oakland. $3000

APARTMENTS
(4798) 5679 OAK GROVE AVE., Oakland. 2-story 16-room apartments.
Owner—H. S. Butler, premises.
Architect—None. $12,000

DWELLING
(4799) S SAN CARLOS AVE. 150 E Courtland, Oakland. 1-story 4-room dwelling.
Owner — A. Schomig, 1268 47th Ave., Oakland.
Architect—None.
Contractor—Joe Boeddeker, 1514 34th Ave., Oakland. $2000

DWELLING
(4800) W THIRTEENTH AVE. 125 N Excelsior Ave., Oakland. 1-story 4-room dwelling.
Owner—Fred Hambleton, 3737 13th Ave Oakland.
Architect—None. $3600

MARBLE WORK
(4801) NW COR. SHATTUCK & Addison Sts., Berkeley. Marble work for bank.
Owner—College National Bank.
Architect—M. G. West Co., 385 Market St., San Francisco.
Contractor—American Marble & Mosaic Co. 25 Columbia Sq., San Francisco.
Filed Oct. 15, 1923. Dated Aug. 3, 1923.
1st each month 75%
Usual 35 days 25%
Bond, Sureties, Forfeit, None; Limit, 75 days; Plans and specifications filed.

(4802) CABINET WORK ON ABOVE.
Contractor—Ostlund & Johnson, 1901 Bryant St., S. F.
Filed Oct. 15, 1923. Dated Aug. 3, 1923.
Payments same as above.
TOTAL COST, $10,195
Bond, Sureties, Forfeit, none; Limit, 75 days; Plans and specifications filed.

(4803) BRONZE WORK ON ABOVE.
Contractor—California Artistic Metal & Wire Co., 351 7th St., S. F.
Filed Oct. 15, 1923. Dated Aug. 3, 1923.
Payments same as above.
TOTAL COST, $4842
Bond, Sureties, Forfeit, none; Limit, 75 days; Plans and specifications filed.

FACTORY
(4804) W MARKET ST. 225 N 8th St. N 84½ W 125, Oakland. 2-story concrete factory.
Owner — Ng Shun Leong, Ng Shun Cheng and Ng Shun Kay.
Architect—None.
Contractor—J. J. Powers, 774 20th St., Oakland.
Filed Oct. 15, 1923. Dated Oct. —.
1st forms completed $3000
All concrete poured..... 5000
Plastered 3000
Completed and accepted 6400
Usual 35 days 5800
TOTAL COST, $23,200
Bond, Sureties, none; Forfeit, $10 day; Limit, 90 days after Oct. 4; Plans and specifications filed.

ADDITION
(4805) 933 ADDISON ST, Berkeley. Addition.
Owner—Mrs. Julia Rosano, premises.
Architect—None.
Contractor—John Holm, 2815 9th St., Berkeley. $2000

DWELLING
(4806) 15 CLAREMONT CRESCENT, Berkeley. 1-story 5-room dwelling.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $4000

ALTERATION
(4807) 2619 BENVENUE, Berkeley. Alteration.
Owner—A. E. Chandler, premises.
Architect—None.
Contractor—Matt L. Koskl, 47 Ramona Ave., Oakland. $1000

DWELLING
(4808) 1211 PERALTA, Berkeley. 1-story 5-room dwelling.
Owner—C. E. Meader, 406 11th St., Oakland.
Architect—None. $3000

DWELLINGS
(4809) 1534 & 1538 HOPKINS, Berkeley. 2 1-story 5-room dwellings.
Owner—R. J. Pavert, Mercantile Trust Bldg., Berkeley.
Architect—None. $3950 ea

ADDITION
(4810) 1112 SHATTUCK, Berkeley. Addition.
Owner—G. W. Wickland, premises.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland. $1000

DWELLING
(4811) W THIRTEENTH AVE. opp. E 26th St., Oakland. 1-story 5-room dwelling.
Owner—Jos. L. Granquist, 1226 E-22nd St., Oakland.
Architect—None. $3000

ADDITION
(4812) 2024 NINETY-FOURTH AVE., Oakland. Addition.
Owner—Milda Ramin, premises.
Architect—None.
Contractor—Martin Ramin, prem. $1500

DWELLING
(4813) N ESTATE DRIVE AT LIGGIT Drive, Oakland. 1-story 5-room dwelling.
Owner—Geo. Crust, 4351 Howe St., Oakland.
Architect—None. $5000

DWELLING
(4814) 727 STRATFORD ROAD, Oakland. 1-story 5-room dwelling.
Owner—Rich & Greenberg.
Architect—None.
Contractor—Jas. L. Rich, 243 Hillgirt Circle, Oakland. $4000

DWELLING
(4815) 606 SIXTY-SECOND ST., Oakland. 1-story 5-room dwelling.
Owner — E. L. Ingram, 623 63rd St., Oakland.
Architect—None. $3000

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

CHURCH
(4816) SW COR. EIGHTH AND CENter Sts., Oakland. 1-story church.
Owner—The Center St. Church of God in Christ.
Architect—L. F. Hyde, 372 Hanover Av. Oakland.
Contractor—J. E. Morgan, 1424 11th St. Oakland. $4000

DWELLING
(4817) 3469 75 81 LYNDE ST., Oakland Three 1-story 4-room dwlgs.
Owner—R. E. Reeves, 1505 37th Ave., Oakland. $2400 ea
Architect—None.

DWELLING
(4818) 2945 BROOKDALE AVE., Oakland. 1-story 5-room dwelling.
Owner—A. Ross.
Architect—None.
Contractor—A. T. Mattison, 3629 Laguna Ave., Oakland. $3500

DWELLING
(4819) 1317 EL CENTRO, Oakland. 1-story 5-room dwelling.
Owner—Otto Rosenkranz, 2721 School St., Oakland.
Architect—None.
Contractor—Wm. F. Land. 2721 School St., Oakland. $4400

DWELLING
(4820) 2426 THIRTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—J. W. Sigwold, 3927 Aqua Vista Ave., Oakland.
Architect—None. $3750

EXCAVATION
(4821) NW COR THIRTEENTH AND Clay Sts. N 37-¼ W 40-10¼ N 2-1¼ W 62-2⅝ S 39-1½ E 101-⅞, Oakland. Excavation.
Owner—C. J. Heeseman.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
Contractor—E. T. Leiter, 3601 West St., Oakland.
Filed Oct. 15, 1923. Dated Oct. 13, 1923.
Completed and accepted $2162.50
Usual 35 days .....Balance
TOTAL COST, not over $2750
Bond, $2750; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 15 days; Plans, none; Specifications filed.

DWELLINGS
(4822) NO. 1332 CARLOTTA, Berkeley One-story 5-room dwelling.
Owner—Kay & Bredehoft, 1620 Hopkins St., Berkeley.
Architect—None. $2500

DWELLING
(4823) NO. 84 VICENTE, Berkeley. One-story 6-room dwelling.
Owner—R. H. Goodale.
Architect—None.
Contractor— Orlan D Carper. 1208 Hampel St., Oakland. $5000

DWELLING
(4824) STANNAGE 139 from Hopkins, Berkeley. One-story 2-room dwlg.
Owner—Joe Jacuzzi. 1633 Kains St., Berkeley.
Architect—None. $1200

ALTERATIONS
(4825) NO. 2063 SAN ANTONIO, Berkeley. Alterations.
Owner—Grace M. Bartlett, Premises.
Architect—None.
Contractor—R. Baker. $2500

ALTERATIONS
(4826) NO. 860 WALNUT ST., Alameda. Alterations.
Owner—Mrs. Young, Premises.
Architect—None.
Contractor—S. J. Pearson, 2370 E-24th St., Oakland. $2500

DWELLING
(4827) NO .2611 LINCOLN Alameda. One-story 5-room dwelling.
Owner—W. E Willis, 1131 Adeline St., Oakland.
Architect—None. $3200

DWELLING
(4828) SANTA CLARA bet. Benton & Morton, Alameda. One-story 5-room dwelling.
Owner—Capt. P. Axdal, 1309½ Santa Clara Ave., Alameda.
Architect—None.
Contractor—H. C. Andersen, 1229 Pearl St., Alameda. $4600

ADDITION
(4829) NO. 921 GRAND ST., Alameda. Addition.
Owner—W S. Palmer, Stanford Court Apts., San Francisco.
Architect—None.
Contractor—M. F. Sommarstrom. 403 15th St., Oakland. $4000

DWELLING
(4830- E BAY — S San Antonio St., Alameda. Two-story 9-room dwelling and garage.
Owenr—R. E. Burns, 1915 Santa Clara Ave., Alameda.
Architect—G. E. Bangs, 1st National Bank Bldg., San Francisco.
Contractor— Alfred Petersin, 3918 Linwood, Oakland $10,500

DWELLING
(4831) NO. 2156 BUENA VISTA, Alameda. One-story 3-room dwlg.
Owner—W. H. Wahmuth, Premises.
Architect—None.
Contractor—W. G Vollmer, 1183 Regent St., Alameda. $1500

DWELLINGS
(4832) GARDEN ROAD, Bay Farm Island, Alameda. Five one-story 4-room dwellings.
Owner—E. B. and A. L. Stone, Claus Spreckels Bldg., S. F.
Architect—None. $2450 each

DWELLING
(4833) NO. 1232 E 34th St., Oakland. One-story, 6-room dwelling.
Owner—A. W. Landenholm, 579 42nd St., Oakland.
Contractor—Jos. Erickson, 1120 E 33rd St., Oakland.
Architect—None. $4,650

DWELLING
(4834) NO. 4232 REDDING ST., Oakland. One-story 4-room dwelling.
Owner—Colton Bros., 3824 39th Ave., Oakland. $3000
Architect—None.

DWELLING
(4836) S CROFTON AVE., 250 Walker Ave., Oakland. One-story, 5-room dwelling.
Owner—C. C. Thatcher, Oakland.
Architect—None.
Contractor—H. M. Frostholm, 877 Lakeshore Ave., Oakland. $6000

DWELLING
(4837) SE COR. 26TH AVE. & E 21st Street. One-story, 5-room dwelling.
Owner—Chas. Anderson, 1916 24th Ave. Oakland.
Architect—None. $3000.

UNDERPINNING WALL
(4838) 366 14TH ST., Oakland. Underpinning wall.
Owner—Holland Building Co., Oakland.
Architect—None.
Contractor—Dinwiddie Construction Co Crocker Bldg., San Francisco. $1000

BUILDING
(4839) E TELEGRAPH AVE., 120 N Bancroft Way N 35 E 120, Berkeley Carpentry, lumber, millwork, sash, doors, frames and hardware.
Owner—Mercantile Trust Co.
Architect—None.
Contractor—A Scott Holmes, 888 Willow St., Oakland.
Filed Oct. 16, 1923. Dated Oct. 5, 1923.
First day each month.....75%
36 days after com. & acc.....25%
TOTAL COST, $7630
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and Specifications filed.

(4840) LATH & PLASTER on above.
Contractor—A. J. Hillam, 351 12th St., Oakland.
Filed Oct. 16, 1923. Dated Oct. 5, 1923.
Payments as above.
TOTAL COST, $1946
Bond, Sureties, Forfeit, none; Limit, 30 days; Plans and Specifications filed.

(4841) ELECTRICAL WORK on above
Contractor — Campanile Electric Co., 2310 Telegraph Ave., Oakland.
Filed Oct. 16, 1923. Dated Oct. 8, 1923.
Payments same as on above.
TOTAL COST, $795
Bond, Sureties, Forfeit, none; Limit, 30 days; Plans and Specifications filed.

(4842) PLUMBING on above.
Contractor—Charles W. Knights, 1919 University Ave., Oakland.
Filed Oct. 17, 1923. Dated Oct. 8, 1923.
Payments same as on above.
TOTAL COST, $630
Bond, Sureties, Forfeit, none; Limit, 30 days; Plans and Specifications filed.

ALTERATIONS
NO. 810 PARU ST., Alameda. Alterations.
Owner—E. H. Lion.
Architect—Sydney B. and Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—C. M and L. Anderson, 1853 9th Ave., Oakland. $9500

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Oct. 11, 1923—E BROADWAY 55 N 12th St. N 45xE 100, Oakland. The Oakland Bank to Forderer Cornice Works (2 Completion Notices)... .....Oct. 2, 1923

Oct. 11, 1923—NO. 1757 AUSEON AV., Oakland. J O Whitlock to whom it may concern.....Oct. 10, 1923

Oct. 11, 1923—NW SHATTUCK AND Addison N 55.42 W 94.68 S 55.16 E 90.87, Berkeley. College National Bank to H P Nelson.....Oct. 3, 1923

Oct. 11, 1923—LOT 37 and N ½ Lot 36 Blk "S" Map Regents Park, Berkeley. C. C. Sandidge to whom it may concern.....

Oct. 11, 1923—NW DELMER ST. & Laguna Ave 50x100, Oakland. Paul Mortensen to C. McGregor.. .....October 10, 1923

Oct. 11, 1923—LOT 26 BLK "A" Map Leviston Tract, Berkeley. Flora A Casse to Carl N Zeile..Oct. 10, 1923

Oct. 11, 1923—LOT 1 BLK 6, Northbrae Station Tract, Berkeley. Durand A Hall to whom it may concern.....Oct. 10, 1923

Oct. 11, 1923 — E GILBERT 60 N Ridgeway, 60x120, Oakland. M E Riley to Harry C Knight..... .....Sept. 26, 1923

Oct. 13,1923—LOT 21 BLK "E" Map East Piedmont Heights, Oakland. Beverly B Hook to C Tollefsen... .....October 6, 1923

Oct. 13, 1923—LOTS 57 AND 58 BLK "A" Map Broadway Terrace, Oakland. Caroline H Plumb to Louis Fedt.....Oct. 2, 1923

Oct. 13, 1923—NE E-28TH and NW Twenty-first Ave NE 80xNW 40, Oakland. Pitt and Maude Winchell to J Floyd Perry.....Sept. 15, 1923.

Oct. 13, 1923—LOT 12 BLK "M" Map Maple Heights, Oakland. Herbert C Cameron to whom it may concern .....Oct. 12, 1923

Oct 13, 1923—LOTS 1, 2, 3 and 4 and NW 15 Lot 5 Blk "J" Potters Addition to Valley View, Oakland. Dora C Harrison to S Morris..... .....October 5, 1923

Oct. 13, 1923—PTN LOTS 7, 8 and 9, Blk 9, Map Northbrae, Berkeley. Roy O Long to whom it may concern .....Oct. 13, 1923

Oct. 13, 1923—LOT 22 BLK 2, Map Lakeshore Highlands, Oakland. M A Rose and L H Covey to whom it may concern.....Oct. 1, 1923

Oct. 13, 1923—PTN LOTS 5 and 6 Blk 9, Map Northbrae, Berkeley. Roy O Long to whom it may concern.. .....October 13, 1923

Oct. 11, 1923—NO. 658 SANTA ROSA Ave, Berkeley. J Harry Smith to E F Henderson.....Oct. 11, 1923

Oct. 15, 1923—LOT 9 BLK "L" Map Subdivision Blks I, J and L of Harmon Tract, Berkeley. Marion McArthur to Wallace MacArthur .....Oct. 11, 1923

Oct. 15, 1923—NO. 486 PRINCE ST., Oakland. Edwin A Hemenway to whom it may concern...Oct. 10, 1923

Oct. 15, 1923—NO. 836 FORTY-fourth St., Oakland. Enrico and Pierina Cerrina to J A McCord.... .....Oct. 11, 1923

Oct. 15, 1923—S BUENA VISTA AVE 216 W Paru W 69xS 300, Alameda. Mamie Gintjee to A B Gow..... .....October 5, 1923

Oct. 16, 1923—LOTS 10 AND 11 BLK 12, Watson Tract, Oakland. Mabel Honigsberger to W C Constable.. .....Oct. 16, 1923

Oct. 16, 1923—S RUSSELL 40 W Fulton St. W 42-6xS 101.60, Berkeley. E Ellison to whom it may concern.....Oct. 16, 1923

Oct. 16, 1923—S ECHO AVE 340 E Piedmont Ave., Oakland L C Swain to California Builders Co. .....Oct. 13, 1923

Oct. 17, 1923—2721 FIFTY-FIFTH Ave. Oakland. A E Orton to whom it may concern.....Oct. 15, 1923

Oct. 17, 1923—NE ALLENDALE AVE 145 SE 38th Ave SE 36xNE 137.5, Oakland. C W and Earl C Kramer to whom it may concern..... .....Sept. 29, 1923

Oct. 17, 1923—NO. 5415 FLEMING Ave., Oakland. A E Orton to whom it may concern.....Oct. 15, 1923

Oct. 17, 1923—NO. 1243 GRAND AVE Piedmont. E B Leonard to whom it may concern.....Oct. 15, 1923

Oct. 17, 1923—NO. 2233 RANSOME St., Oakland. J T Nittler to whom it may concern.....Oct. 15, 1923

Oct. 17, 1923—S CENTRAL AVE 350 W Willow W 45xS 150, Alameda. John A Rymer to F A McCausland .....October 10, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Oct. 11, 1923—LOT 11 BLK "G" Map Waterside Terrace, Oakland. J A Freitas vs F J McQuaid.....$272 68

Oct. 11, 1923—SW WEST & BERKELEY Way W 145 S 206-5 E 35 N 103-6 E 110 N 103, Beerkeley. Sunset Lumber Co vs C A Allen, Ben D Conrad (Allen & Conrad) and Browning Preserving Co.....$1734.74

Oct. 11, 1923—SW WEST AND BERKELEY Way W 145 S 206-5 E 35 N 103-5 E 110 N 103, Berkeley. C A Allen and Ben D Conrad (Allen & Conrad) vs Browning Preserve Co $11,102.10

Oct. 11, 1923—LOT 52 BLK 6, Map Resbdvn Ptn North Cragmont, Berkeley. Duner-Matheny Sash & Door Co vs A D and Gladys L Whearty $133.75

Oct. 11, 1923—NE VICENTE PERalta Reserve and NW Ocean View Ave NW 173.02 SE 95.13 NE 20.66 SE 110.57 SW 75, Oakland. Cadwallader-Gibson Co, $725; Robert Howden & Sons, $879.20; Chris Nelson Co, $303.65; Sunset Lumber Co, $353.91 vs F A Anderson and J B Boardman.....

Oct. 13, 1923—W TWENTY-THIRD Ave 110 N Boehmer St. W 125xN 50, Oakland. H W Norman vs Tuttle Food Products Co.....$1151

Oct. 13, 1923—LOT 11 BLK "G" Map Waterside Terrace, Alameda. Day & Night Water Heater Corp, $80.85 R A Kronke,$182.60 vs F J and Mrs F J McQuaid and Guy L Rosenbrook .....

Oct. 15, 1923—W 42.50 of E 82.50 Lots 10 and 11 Blk "A" Map Suburban Tract, Berkeley. Charles G Marshall vs Elias Ellison and S Morris & Son.....$196

Oct. 15, 1923—LOTS 11, 12, 19 AND 20 Blk 9, Map Pearce Tract, Hayward Air & Josephs vs R T Davis and Mark Templeton.....$324.68

Oct. 15, 1923—LOT 11 BLK "G" Map Waterside Terrace, Albany. Lannon Broa Mfg Co, $1683; M Ebinger, $400 vs F J McQuaid and G L Rosebrook .....

Oct. 16, 1923—NE 26.94 LOT 32 and all Lots 33, 34 and 35 Blk H Map Broadway Terrace, Oakland. Pacific Iron Works vs Oakland, S. F. Improvement Co, W A Knowles and J C Downey.....$413.85

Oct. 16, 1923—SW WEST AND BERkeley Way W 145 S 206-5 E 35 N 103-5 E 110 N 103, Berkeley. Michel & Pfeffer Iron Works vs Browning Preserve Co and Allen & Conrad $199.20

Oct. 16, 1923—LOT 11 BLK "G" Map Waterside Terrace, Alameda. J A Freitas vs F J McQuaid and Guy L Rosebrook $272.68

Oct. 17, 1923—NE 20 LOT 29 and NW 20 Lot 30 Blk 12, Boulevard Park, Oakland. G A Johnson vs F A Loretz andS I Lundberg..$1016.99

Oct. 17, 1923—LOT 5 BLK 1, Map Upper Claramont, Berkeley. Oakland Building Material Co vs John C Beach and Mrs. E N Dondero... ....$233 90

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Oct. 10, 1923—LOTS 2 AND 3 BLK "L" Map Foothill Park, Oakland. Henry Cowell Lime & Cement Co to Geo Hill $46.50

Oct. 11, 1923—LOT 8 BLK "F" Mont-Clair Tract, Oakland. Sunset Lumber Co to M Schoonmaker et al.... .....$602.90

Oct. 11, 1923—BLOCK BOUNDED BY Third, First, Filbert and Linden Sts., Oakland. Detroit Steel Products Co, $510; Edw L Soule Co, $3564.15; Contra Costa Building Materials Co, $4040.12; Oakland Machinery Co, $282; Maxwell Hardware Co, $54.86; Oakland Lime & Cement Co, $253; W P Fuller & Co, $702.27; Harbor Brand Paint Co, $232; Pacific Iron Works, $291; Hogan Lumber & Mill Co, $2033.16; California Brick Co, $132.01 ;Carl T Doell, $180 to W G McGinty & Sons and California Packing Corp

Oct. 15, 1923—NO. 415 ADAMS ST, Oakland. Yves Calloudec to Chas M Wiggins $23

Notice of Non-Responsibility

ALAMEDA COUNTY

Oct. 11, 1923—LOT 16 and Ptn Lot 17 Blk "A" Sheet 1 May Country Club Acres, —. Realty Syndicate Co as to improvements on property.....

Oct. 13, 1923—LOTS 35 AND 37 Sheet No. 1, Terminal Junction Tract. Albany. Terminal Junction Land Co as to improvements on property .....

Oct. 16, 1923—SW THIRTY-THIRD Ave and E-14th St. W 50 S 100 E 25 N 30 E 25 N 70, Oakland. John Mitrovich as to improvement on property.. .....

Oct. 17, 1923—NW FIFTIETH AVE and Clement St. N 178.4 W 78 S 160 E 80, ——. Henry Von Tagen as to improvements on property.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

MARBLE WORK
SACRAMENTO. Marble work on bank building.
Owner—Farmers & Mechanics Bank, Premises.
Architect—None.
Contractor—American Marble & Mosaic Co, 25 Columbus Sq., S. F.
Filed Oct. 9, '23. Dated Oct. 1, '23.
TOTAL COST, $24,000

DWELLING, one-story 5-room and garage, $3200; No. 4732 9th Ave., Sacramento; owner, F. C. Weil, 817 J St., Sacramento; contractor, H. G. Birdsall, 1503 13th St., Sacramento.

DWELLING, 1-story 5-room and garage, $6000; No. 2935 24th St., Sacramento; owner, Greer & Harrigan, 708 J St., Sacramento; contractor, H. G. Birdsall, 1503 13th St., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, 1-story 5-room and garage, $5000; No. 2608 3rd Ave., Sacramento; owner, Greer & Harrigan, 708 J St., Sacramento; contractor, H. G. Birdsall, 1503 13th St., Sacto.

DWELLING, one-story 6-room and garage, $4500; No. 1115 35th St., Sacramento; owner, Geo. Atkinson, 815 J St., Sacramento; contractor, H. M. Earle, 1035 Dolores Way, Sacto.

ADDITION, one-story and basement, $6143; No. 611 J St., Sacramento; owner, M. L. Rich, Franklin Blvd., Sacramento; contractor, J. T. Ransdall, 1055 41st St., Sacramento.

DWELLING, 2-story 4-room and garage, $3000; W ½ Lot 4, F, G, 19th and 20th Sts., Sacramento; owner, Geo T. Brown, 1926½ F St., Sacramento; contractor, C. W. Palmer, 2422 F St., Sacramento.

DWELLING, one-story 4-room and garage, $3000; No. 3525 38th St., Sacramento; owner, J. Zirbes, 1905½ J St., Sacramento.

DWELLING, one-story 5-room and garage, $2900; No. 2800 Second Ave., Sacramento; owner, Alta N. Dixon, 1015 23rd St., Sacramento.

DWELLING, one-story 5-room and garage, $2900; No. 2808 Second Ave., Sacramento; owner, Alta N. Dixon, 1015 23rd St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

Oct. 9, 1923—S 76 FT. LOT 8, J, K, 14th and 15th Sts., Sacramento. Chauncey H Dunn to whom it may concern.....Oct. 1, 1923

Oct. 9, 1923—S 76 FT LOT 8, J, K, 14th and 15th Sts., Sacramento. Chauncey Dunn to whom it may concern.....Oct. 1, 1923

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

MILL WORK
LOTS 8 10 12 16 BLOCK 100 N OF Center St., Stockton. Mill work for building.
Owner—Bertha Dohrman.
Architect—None.
Contractor—Bruce Martin (Union Planing Mill), 801 W Vine, Stockton.
Filed Oct. 6, 1923. Dated Sept. 30, 1923.
Payments not given.
TOTAL COST, $——
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

PAINTING & FINISHING ON ABOVE.
Contractor—Jack Cunney, 347 Sacramento, Stockton.
Filed, —. Dated Sept. 15, 1923.
Payments not given.
TOTAL COST, $1790
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

ELECTRIC WORK ON ABOVE.
Contractor—Commercial Elec. Co. (C. D. Bass & C. J. Frank), 311 E Market, Stockton.
Filed Oct. 6, 1923. Dated Oct. 2, 1923.
Payments not given.
TOTAL COST, $1540
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

PLASTERING ON ABOVE.
Contractor—Charles Porta.
Filed Oct. 6, 1923. Dated Sept. 27, 1923.
Payments not given.
TOTAL COST, $550
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

BUILDING
LOT 9 BLOCK 2 NORTHCREST, Stockton. All work for building.
Owner—Anthony Puppo, 533 S Grant St., Stockton.
Architect—None.
Contractor—V. Grey, 729 E Worth St., Stockton.
Filed Oct. 6, 1923. Dated Oct. 5, 1923.
Payments not given.
TOTAL COST, $7232
Bonds, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

BUILDING
NE COR. AMERICAN AND LINDSAY Sts., Stockton. All work for bldg.
Owner—Trinity Lutheran Congregation
Architect—None.
Contractor—Carl Nelson, 1421 Channel, Stockton.
Filed Oct. 8, 1923. Dated Oct. 1, 1923. Payments not given.
TOTAL COST, $8400
Bond, Sureties, Forfeit, none; Limit, between Feb. 15 and March 1, 1924; Plans and specifications, none.

SCHOOL
CASTLE GRAMMAR SCHOOL DIST., Stockton. 1-story brick and tile school building.
Owner—Castle Grammar School District, Stockton.
Architect — Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Contractor—E. L. Fetters, Stockton.
Filed Oct. 9, 1923. Dated Oct. 4, 1923.
TOTAL COST, $14,995
Bond, Sureties, Forfeit, none; Limit, 70 days; Plans and specifications filed.

ALTERATION
HIGH SCHOOL DISTRICT OF SAN Joaquin Co., Stockton. Complete changes in heating system of high school building.
Owner—Board of Education of High School District, J. R. Humphreys, president; Ansel S. Williams, secy.
Architect—None.
Contractor—Ed. L. Gnekow 111 W Park St., Stockton.
Filed Oct. 14, 1923. Dated Oct. 10, 1923. Payments not given.
TOTAL COST, $2487
Bond, Sureties, Forfeit, none; Limit 20 working days; Plans and specifications none.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Oct. 13, 1923—PTN LOT 7 BLK 1 Greer's Addition No. 2 to Manteca. All being in A Veach's Subdivision of Manteca. Gustaf A. Johnson to whom it may concern....Oct. 1, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Oct. 8, 1923—LOT 11 BLK 1 OAKhurst. Union Street Lumber Yard (John Jackson McIntire) vs. Jennie Maxwell, F. B. Thrasher, Jane Doe Thrisher, San Joaquin Valley Bldg and Loan association, a corporation, W. L. Small, Fred Ambord, John Doe, et al $511.06
Oct. 6, 1923—315 W POPLAR ST Lot 10 Blk 31 Victory Park Terrace, Stockton. Stockton Lumber Co., a corp. vs. A. B. Willis....$450.10
Oct. 13, 1923—W 70.73 ACRES OF SW ¼ of Sec. 36 T. 1 S. R 6 E. Julius Palm vs Mrs. Mary Angello....$475
Oct. 16, 1923—S ½ OF LOTS 1 & 3 IN Blk 67 E of Center St., Stockton. D. Bregante vs. James Cassunelli & Andren Pasquetti $171.80

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING
LOTS 738 TO 745, 772 TO 779, Bullard Lands Irrigated Sub. 6, Fresno. All work for dwelling.
Owner—A. C. Martin.
Architect—None.
Contractor—Howard Dickey, 150 Howard St, Fresno.
Filed Oct. 9, '23. Dated Oct. 8, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $4400
Bond, $2200. Sureties, J. C. Young and Ed. Hertweck. Limit, 40 working days from Oct. 8. Forfeit, none. Plans and specifications filed.

BARN
NE ¼ OF SEC. 30,16-21, Fresno. All work for frame barn.
Owner—Henry W. Keller.
Architect—None.
Contractor—Squire Cooper.
Filed Oct. 3, '23. Dated Sept. 29, '23.
Frame up $500.00
Completed 493.75
Usual 35 days..... 331.25
TOTAL COST, $1325.00
Bond, none. Limit, Nov. 15, 1923. Forfeit, none. Plans and specifications filed

DWELLING, $6000; No. 532 Terrace Ave., Fresno; owner, P. A. Wolff, 1094 Roosevelt St., Fresno; contractor, P. A. Wolff Bldg. Co., 1094 Roosevelt St., Fresno.
DWELLING, $5000; No. 843 Thorne Ave., Fresno; owner, B. G. Townsend, 1043 Thorne Ave., Fresno.
DWELLING, $6000; 930 934 Forthcamp Ave., Fresno; owner, Carl Gustafson, 530 N Angus, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Oct. 10, 1923—LOT 3, Gordondale Tct, Fresno. M A Robinson to whom it may concern.....Oct. 9, 1923
Oct. 10, 1923—LOTS 3 AND 4 BLK 7, La Sierra Tract, Fresno. J A Schlotthauer to whom it may concern .....Oct. 9, 1923
Oct. 10, 1923—LOT 24 W ½ Lot 25 Blk 1, Bartlett Heights, Fresno. Robt S Gass et ux to whom it may concern.....Oct. 1, 1923
Oct. 11, 1923—LOTS 11 AND 12 BLK 9, Pinedale. Elsie D Morehouse to whom it may concern..Sept. 27, 1923
Oct. 11, 1923—LOTE J & INYO STS., Fresno. Mrs. A. Goorabian to Frederickson & Shannon.Sept. 27, '23
Oct. 11, 1923—LOTS 9 AND 10 BLK 11, New High School Addition, Fresno. A F Wood to whom it may concern.....Oct. 10, 1923
Oct. 13, 1923—LOTS 24 AND 25, BLK 2, Griffith Add., Fresno. K H Nishkian to whom it may concern .....Sept. 27, 1923
Oct. 13, 1923—LOTS 54 & 55 Ingersoll Tract, Fresno. Sam Greenberg to J R Church.....Oct. 11, 1923
Oct. 13, 1923—LOTS 16 TO 19 BLK G Selma. W M Hough to Roy E Cartner .....Oct. 10, 1923
Oct. 13, 1923—LOTS 11 & 12, Prichard Place, Fresno. J A Schlotthauer to whom it may concern.Oct. 11, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
Oct. 9, 1923—LOTS 7 AND 8 Whitehouse Tract, Fresno. Routt Lumber Co vs Walter B and Florence W Berton $742
Oct. 9, 1923—LOTS 32 TO 35 BLK 3, Torrance Terrace, Fresno. W H Cox vs N E Deardorf & W E Bush (3 liens) $349
Oct. 10, 1923—E ½ LOT 1, North Villa Tract, Fresno. Routt Lumber Co vs L L Howard et al (time extended to Jan. 1, 1924).....$349
Oct. 10, 1923—LOTS 33, 34 BLK 2, Tarrance Terrace, Fresno. Routt Lumber Co, $589; Bingham-Wenks Planing Mill, $324 vs N E Deardorf (time extended 60 days fram Oct. 8, 1923) .....
Oct. 13, 1923—LOT 21, Winterton Tct, Fresno. F P Burris vs D Tarlack and P C Rambaud.....$223
Oct. 13, 1923—LOTS 9, 10, & 11 BLK 5, College Park, Fresno. Smith Hardware Co vs Adolph Janss....$42
Oct. 13, 1923—LOT 6 (except S 97 ft.) Blk 12, Wilson N. F. Tract, Fresno. Valley Tile & Mantel Co vs Walter B Berton et al.....$226
Oct. 15, 1923—LOTS 9, 10 AND 11 Blk 5, College Park, Fresno. Routt Lumber Co, Inc vs Adolph Jauss.. .....$1636

BUILDING CONTRACTS

SAN MATEO COUNTY

HEATING
ROOSEVELT SCHOOL, Burlingame. Gas heating for school bldg.
Owner—Burlingame Grammar School.
Architect—E. L. Norberg 593 Market St. S. F. and Burlingame.
Contractor — Williams Radiator Co Monadnock Bldg., S. F.
Filed Oct. 11, 1923. Dated Sept. 24, 192
Roughed in $44
Completed and accepted 2
TOTAL COST, $9
Bonds (2) $484, $484; Sureties, Hartfo
Accident & Indemnity Co.; Forfeit, $
day; Limit, 90 wk. days; Plans a
specifications filed.

COTTAGE
HANOVER ST. CROCKER TRACT N 1, San Mateo. All work for 4-roo cottage.
Owner—Edwin Allsebrook, 1127 Muni, San Francisco.
Architect—None.
Contractor — Edwin Allsebrook, 11 Munich, San Francisco.
Filed Oct. 13, 1923. Dated Oct. 6, 192
Framed 2
Brown coated 2
Completed and accepted 2
Usual 35 days 2
TOTAL COST, $27
Bond, Sureties, Forfeit, none; Limit, wk. days; Plans and specificatio none.

BUNGALOW and garage, $11,275; El worth and Poplar, San Mateo; ow er, M. A. Pass; contractor, Chas. Pede sen, 60 Peninsular Court, San M teo.
BUNGALOW and garage, $8000; S. Park Poplar and Crescent Ave., S Mateo; owner, H. E. Trumbo, Leavenworth St., S. F.; contract P. Brizza, 679 Bryant St., S. F.
BUNGALOW and garage, $5000; Lot Blk 8 Wisnom Ave., San Mat owner, Mrs. A. Olahan, 14 Highla Ave., Burlingame; contractor, G. sen, 38 n "E" St. San Mateo.
BUNGALOW and garage, $9000; I 194 S M Park Occidental Ave., S ,Mateo; owner, O. L. Cavanaugh, State St., San Mateo.
COTTAGE. 4-room, $2000; Lot 17 B ner Sub 1st Ave. San Mateo; ow J. F. Michalls, 224 s. "E" St., S Mateo.
BUNGALOW and garage, $3000; Lot Blk 4 Villa Park 3rd Ave, San M teo; owner, H. B. Howe.
BUNGALOW and garage, $4000; Lo Blk 1 Blgme. Grove Mills Ave, B lingame; owner, F. E. McInto 1437 Drake Ave., Burlingame.
ADDITIONS, $42,730; n.w. corner C Grove Ave. and Highway, Burl game; owner, Blgme. Gramm School District; architect, E. N berg, Burlingame; contractor, T Stickle, So. San Francisco.
BUNGALOW and garage, $4000; Lot Blk 60 Easton 6 Carlos Ave., B lingame, owner, Ethel I. Putnam
BUNGALOW and garage, $2900; Lot Blk 3 Villa Park Morello Ave., B lingame; owner, D. P. Harkins.
BUNGALOW and garage, $3000; Lot Blk 6, Burlingame Grove, Ca chino Ave., Burlingame; owner, W. Williams Co.
BUNGALOW and garage, $4000; Lot Blk 6, Burlingame Grove, Ca chino Ave., Burlingame; owner, W. Williams.
BUNGALOW and garage, $3000; Lot Blk 6, Villa Park Morell Ave., B lingame; owner, E. A. Aland.
BUNGALOW and garage, $4000; Lo Blk 4, Burlingame Grove, Pal Ave, Burlingame; owner, M. Waraock.
COTTAGE, $2300; Lot 11 Blk 4 V Park 4th Ave., Burlingame; ow Victor Shew.
BUNGALOW and garage, $3000; Lo Blk 48 Lyon & Hoage Sub., Bur game; owner, Herbert Holland
ALTERATION and additions $1500; cor. of Primrose and Bellview Burlingame; owner, Dr. Off Offield Bldg., Burlingame.
BUNGALOW and garage, $5000; L Blk 48 Easton 4 Cortez Ave., B lingame; owner, H. C. Browne.
BUNGALOW and garage, $5000; L Blk 6 Easton 1 Capuchino A Burlingame; owner, E. S. Sha 838 Highland, S. M.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Acce
Oct. 9, 1923—LOT 20 BLK N MI sion St. Land Co. Homestead Real Co to whom it may concern. Oct. 1

Oct. 9, 1923—LOT 14 BLK 12 DINGEE Park, Redwood City. J. R. Fox to H. C. Groom .....Oct. 3, 1923
Oct. 9, 1923—PART LOT 12 BLK 1 Bowie Estate. Martha Q. Keplinger to Cavanaugh Bros.....
Oct. 8, 1923—LOT 10 BLK 34 LYON & Hoag Sub, Burlingame. J. P. Nelson to D. F. Valentine....Oct. 5, 1923
Oct. 6, 1923—LOT 10 BLK 26 LYON & Hoag sub Burlingame. W. H. & Mary Mallessa Medley to Charles C. Adams .....Oct. 4, 1923
Oct. 6, 1923—S ½ LOT 5 BLK 8 San Mateo. Henry Formon to Charles Pedersen .....Oct. 1, 1923
Oct. 6, 1923—N ½ LOT 5 BLK 8 SAN Mateo. E. C. Cottin to Charles Pedersen .....Oct. 1, 1923
Oct. 11, 1923—LOT 19 BLK 36, Lyon & Hoag Sub, Burlingame. Morris Ivensen to whom it may concern.. .....Oct. 9, 1923
Oct. 11, 1923—LOT 1 BLK 20, Lomita Park. Francis P O'Toole to whom it may concern.....Oct. 1 1923
Oct. 13, 1923—LOT 3 BLK 4 EASTON Add, Burlingame. August E. Bale to whom it may concern. Oct. 11, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Oct. 11, 1923—LOTS 2 AND 3 BLK 10, zLomita Park. William Woolley vs Anna Laumeister and M Dragalvich $110.12
Oct. 11, 1923—LOT 7 BLK 52, Easton No. 5, Burlingame. Christenson Lumber Co vs Alfred C Dahl..$608.73
Oct. 11, 1923—LOT 10 BLK 7, Burlingame Park No. 2, Burlingame. H F Cosey Company vs R H Gattey et al $451.37
Oct. 11, 1923—LOT 10 BLK 7, Lomita Park. William Woolley vs George H Bragg $42.77
Oct. 11, 1923—LOT 14 BLK 3, Lomita Park. William Woolley vs Frederick W Helms.....$74.90
Oct. 13, 1923—PTN LOT 6 BLK A Paraiso Park, San Mateo. Dudfield Lumber Co. vs. A. J. McCoy et al $37.10

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Oct. 8, 1923—LOTS 11 & 12 BLK 20 Easton No. 2, Burlingame. Wm. Smith Co. to Janette M. and A. Boradet & James Keyou....$1309.39

BUILDING CONTRACTS

SANTA CLARA COUNTY.

$1,000 and Over Reported

COTTAGE
LOT 87, Orchard Park Spb., San Jose. All work for one-story 5-room cottage and garage.
Owner—J. F. Randolph, Los Altos.
Architect—None.
Contractor—William H. O'Neil, 500 N-15th St., San Jose.
Filed Oct. 1, '23. Dated Oct. 1, '23.
Roof on $981
Brown cortar on inside..... 981
Accepted by owner 981
Usual 35 days..... 981
TOTAL COST, $3924
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COTTAGE, 5-room, owner, 3975; Acacia near Poplar; owner, W. H. O'Neil, 500 N 15th, San Jose.
ADDITION to store, $1250; 352 Willow, San Jose; owner, A. Badalamente, 1003 Lick, San Jose.
COTTAGE, 4-room, $1500; Harliss near Edwards, San Jose; owner, Hugh Bayles, 918 Harliss.
COTTAGE, five-room, $3750; William St. near Fifteenth St., San Jose; owner, W. M. Lewis.
DUPLEX cottage, $6000; 17th St. near St. John, San Jose; owner, Mrs. Ursula Burgess; contractor, Taintor Realty Co., 42 E-Santa Clara St., San Jose.
ALTERATIONS, $1000; No. 440 Jerome St., San Jose; owner, Ida Laughorne.
COTTAGE, 5-room, $4500; Clayton St. near San Pedro, San Jose; owner, Chas. Thomas.
COTTAGE, 5-room, $3450; Martin St. near Jerome, San Jose; owner, D. Circigliano; contractor, Felix Savio, 44 N-River St., San Jose.
ALTERATIONS, $1850; No. 242 S-15th St., San Jose; owner, J. Faser, 242 S-15th St., San Jose; contractor, C. S. Collins, Rhoades Court, San Jose
COTTAGE, 5-room, $3500; 11th St. near Washington St., San Jose; owner, B. J. Smith.
ALTERATIONS, $1500; No. 325 S-7th St., San Jose; owner, G. B. Deiter; contractor, B. J. Smith.
COTTAGE, 4-room, $1250; Whitton St. near 24th, San Jose; owner, J. D. Jasper.
ADDITION to store, $1550; NE 10th and Julian Sts., San Jose; owner, S. Saso, 451 E-Julian St., San Jose; contractor, V. Maggio.
COTTAGE, 5-room, $2500; Fuller St. near Delmas, San Jose; owner, Leo Schutte.
COTTAGE, 4-room, $1400; Whitton St. near 28th, San Jose; owner, M. Castropilla.
COTTAGE, 5-room, $2500; Sixteenth St. near St. John, San Jose; owner, J. F. McCart, Sn Ant Apts., San Jose;
COTTAGE, 5-room, $1600; S 22nd and San Antonio Sts.., Sai Jose; owner, M. S. Ennie.
COTTAGE, 5-room, $4375; Hartford St. near Palm Haven, San Jose; owner, E. F. Lindgren; contractor, Carl Maurer, 241 Locust St., San Jose.
COTTAGE, 5-room, $2330; N 13th St. near Empire St., San Jose; owner, A. Correa; contractor, W. H. O'Neil, 500 N-15th St, San Jose.
COTTAGE, 5-room, $4600; E Santa Clara near 26th, San Jose; owner, J. Gomes, 1140 S-11th St., San Jose; contractor, Frank Neves.
COTTAGE, 5-room, $4750; 12th St. near William, San Jose; owner, Thomas Fawcett; contractor, McCrary & Sharp.
COTTAGE, 6-room, $4000; Clintonla St. near Coe, Son Jose; owner, E. L. Wolfe, 911 Clintonla; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, E. L. Wolfe, 911 Clintonla St., San Jose.
COTTAGE, 4-room, $1000; S 19th St. near San Fernando, San Jose; owner, S. E. M. Tooker.
RESIDENCE, 2-story, 3 family, $8500; No. 417 S-Eighth St., San Jose; owner, F. J. Pascoe; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, Benj. Ouimet
ALTERATIONS, $1000; No. 172 Balbach St., San Jose; owner, Angelina Miles.
COTTAGE, 4-room, $3360; Spencer St. near Home, San Jose; owner, Mrs. M. Wehner; contractor, A. V. Lane.
COTTAGE, 4-room, $1950; Virginia St. near Orchard, San Jose; owner, Ditto De Franco; contractor, D Amoroso, 939 Park Ave., San Jose.
COTTAGE, 4-room, $2975; Sixth St. nr. Julian, San Jose; owner, E. A. Roberts.
COTTAGE, 3-room, $1950; S-Tenth St. near Reed, San Jose; owner, G. W. Nugent; contractor, Logan & Kay.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $5100; SE Barrett and Eighth Sts., Richmond; owner, Chas. Hunt, NW Cor. Eeighth and Barrett Sts., Richmond; contractor, Carl Overaa, 2105 Roosevelt Ave., Richmond.
GARAGE, one-story concrete, $5000; W San Pablo St., bet. McBryde and Esmond, Richmond; owner, Shubat & Sindicich, Cor. San Pablo and McBryde Sts., Richmond.
DWELLING, one-story frame, $3200; E Portola bet. Nevin and Barrett Sts., Richmond; owner, A. Pinoli, 1431 Mason St., San Francisco.
DWELLING, one-story frame, $2500; E-21st St. het. Macdonald and Bissell, Richmond; owner, J. Tickel, 2117 Barrett Ave., Richmond.
DWELLING, one-story frame, $3300; N Pennsylvania St., bet. 7th and 8th Sts., Richmond; owner, M. Myklieck 1329 5th Ave., San Francisco.

BUILDING CONTRACTS

MARIN COUNTY

RESIDENCE, $6000; Hillside Ave., Mill Valley; owner, Valeska Holcombe.
RESIDENCE, $2500; Walnut Ave., Mill Valley; owner, R. S. Jerome.
RESIDENCE, $2500; Eldridge Ave., Mill Valley; owner, A. J. Sheppard.
RESIDENCE, $2500; Magee Ave., Mill Valley; owner, Paul Sturdevant.
RESIDENCE, $2200; Helen's Lane, Mill Valley; owner, Chas. T. Gruenhagen.
GARAGE, $1600; Lovell Avenue, Mill Valley; owner, M. M. Miller.
SERVICE STATION, $2500; Blithedale and Sunnyside, Mill Valley; owner, Shell Oil Co.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., OCTOBER 27 1923

Published Every Saturday
Twenty-third Year No. 43

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

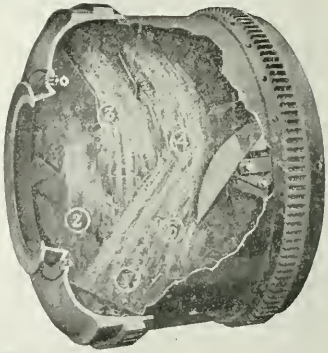
For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., OCTOBER 27 1923 | Twenty-third Year No. 43

BUILDING and ENGINEERING NEWS

No. 818 Mission Street.
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

CONSTRUCTION DROPS 3% DURING SEPTEMBER, REPORT SHOWS

The decline in construction volume which began in June continued through September, according to F. W. Dodge Corporation. However, the September drop from August was only 3 per cent. Total September building contracts in the thirty-six Eastern States (including about seven-eighths of the total construction volume of the country), amounted to $288,931,700.

In the twenty-seven States for which records were kept last year the drop from September, 1922, was 7 per cent. In these twenty-seven States construction during the first nine months of this year has been just equal to the amount for the corresponding period of last year, although June 1 this year had a lead of 15 per cent over last year.

This year's construction volume to date in the thirty-six Eastern States has amounted to $3,012,610,500.

Last month's record for the thirty-six States included the following important items: $111,906,000 or 39 per cent for residential buildings; $55,010,800 or 19 per cent for public works and utilities; $44,141,700, or 15 per cent for business buildings; $38,059,300, or 13 per cent for industrial buildings and $16,399,000 or 5 per cent for educational buildings.

Japanese Rebuilding Program To Extend Over Five Year Period

It is estimated in Tokyo that the rebuilding of the devastated area of Japan will be extended over a period of from five to seven years and that the full employment of labor during that period will cause greatly increased activity throughout the Empire, says a cable received by the Far Eastern Division of the Department of Commerce from the Commercial Attaché at Tokyo. This activity will be reflected not only in the foreign purchases of building and construction materials for the rehabilitation of the stricken cities but in increased purchasing power of the masses at large, and causing the imports of all necessities and so called luxuries to show increases. Plans and specifications for the rebuilding of the affected area are being drawn up at present by the Capital Restoration Board and it is expected that they will be completed in time to be submitted to the Diet when it convenes on November 10. Meantime no permanent construction is permitted and the temporary buildings that are springing up like mushrooms throughout the stricken area gives it the appearance of our mid-west boom-town belt.

Demand for Electrical Equipment

The shipbuilding and electrical industries were seriously damanged by the earthquake and the demand for electrical equipment is heavy at present. It is stated that the government will probably make direct purchases of lumber and steel products in the United States. Steel framed reinforced concrete buildings are generally conceded to be best suited for business buildings in Japan and a heavy demand for structural steel and other building materials is anticipated. Demand for machinery to replace that destroyed in factories is heavy and the demand for saw mill equipment is especially active. Many inquiries are being received regarding portable houses and heavy purchases of motor cars and trucks are reported.

Financial Condition Satisfactory

Following the lifting of the mortorium financial conditions have been generally satisfactory although the question of fire insurance is still unsettled. The fire insurance companies contend that without government aid they will be unable to pay more than four per cent of the losses covered by policies amounting to a billion dollars. With government assistance the Industrial bank is aiding the rehabilitation of factories while the Hypothetic Bank is assisting other establishmments through mortgage loans. The Yokohama Specie Bank is placing credits against 25 per cent cash security. It has been decided by the government to compensate the Bank of Japan for all losses involved in rediscounting bills and the time of rediscounting has been extended to two years.

During the week ended October 14 ready money was very plentiful. Bankers and more money than could be disposed of and call money consequently showed a downward tendency. The money market is reported to be quiet but firm and any but influential firms are finding it difficult to negotiate loans. Large American and Japanese firms are having no difficulty in securing their regular line of credit. The usual discount rate is one-eighth of one per cent. Foreign exchange remains steady and it is probable that specie held abroad will be used if any weakness develops.

Increased Cotton Yarn Production

The production of cotton yarn during September amounted to 144,000 bales, compared with 182,000 bales during July of this year. It is reported that the cotton yarn industry as a whole has been benefitted by the earthquake since it tended to eliminate the surplus spindles and cut down surplus stocks. The total stocks of raw cotton at Osaka and Kobe on September 13 amounted to 250,000 bales, of which 34,000 bales were American cotton. This compares very favorably with the 309,000 bales of raw cotton on hand at the ports of Kobe, Osaka and Yokohama at the end of July considering the decreased spindleage. Stocks of cotton yarn on hand at the end of September amounted to 50,000 bales.

As a result of the heavy demand for shipping in transporting reconstruction materials charter rates have advanced considerably especially on lumber shipments. Yokohama is now handling import and export cargo in considerable quantities and it is expected that it will resume its importance as a shipping port. The docks and warehouses at Kobe are reported to be somewhat congested as a result of cargoes being diverted there from Yokohama. Wages are advancing in anticipation of heavy demands for labor during the reconstruction period.

PROSPERITY ON COAST SEEN BY LUMBER CHIEF

"I find that business conditions on the Atlantic and Pacific coasts are prosperous, the outlook good, and that the conditions in the South and Southwest and in a few of the Middle West states bad and a poor outlook," declares Robert G. Kay, former president of the Philadelphia Lumbermen's Exchange. Kay is making a tour of the United States surveying lumber, building, transportation and business conditions.

"The Southern and Middle Western states are in a bad state," continued Kay. "Drops in the price of oil and expensive costs from the Olkahoma and Texas fields are causing a depression. A shortage in cotton in the South has created a business depression.

"The working people of the nation are making the big mistake of their lives by not making greater efforts to save now that wages are good. I think that wages in the building trade will fall, as the wages paid are not in proportion to other lines of endeavor."

City Trustees of Taft, Calif., set November 27 as the date to vote bonds of $148,000 to finance the installation of a modern street lighting system.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Conditions affecting construction activities next Spring will be closely similar in character to those which prevailed at the opening of the eccentric building season of 1923, according to indications drawn from statements of leading general contractors and other observers of the trend of operations. These statements, made exclusively for the "Constructor," the publications of the Associated General Contractors of America, stripped of localisms, also seem to coincide upon the thought that owners and others will do well to use caution next year in timing their operations, lest a "mad-market" for labor and materials, such as threatened early this year be encountered and the entire situation demoralized. The belief in some quarters, as expressed in the statements published in the current issue of the "Constructor," also seems to be that an unusual amount of work is to be undertaken for completion during the first months of 1924. In some sections of the country, where the deficiency in buildings is especially noted, leaders are advocating that winter construction be urged, with a softening of prices of materials and of wages being held as inducement for this step to be taken to avert an extraordinary demand during the months when construction most ordinarily is placed under way. Many of these individual statements deal directly with the question of whether curtailment of operations, such as was advocated and initiated by the Associated General Contractors of America last Spring, be held as policy next year to avoid runaway prices of materials and costs of labor, or whether a relaxation, perhaps entire absence of action, will be more advisable.

American manufacturers of portable houses have an opportunity to help in the reconstruction of Japan and at the same time create a market for their products in a country where they have not heretofore had large sales. Commercial Attache Arnold at Tokyo has cabled the Bureau of Foreign and Domestic Commerce, according to advices received by the District Office in the Customhouse, that he desires quotations for the Japanese government on Adrian barracks and other styles of portable American houses. He also advises that the Japanese government has lifted all restrictions against private shipments of lumber.

The Sacramento Building Trades Council has filed an appeal in the Supreme Court from the order made by Superior Judge P. J. Shields, granting a temporary injunction of the Metal Workers' Local No. 16, of Sacramento, to restrain the city council from collecting a per capita tax of $4.50 from the metal workers. The injunction was granted pending the trial of the case before Judge Shields.

To develop a type of construction that will withstand earthquake shock, the American Society of Civil Engineers will co-operate with other organizations here and abroad in a study of data accumulated through observation following the recent Japanese disaster. It is expected that information of great service to future generations will be gathered.

Los Angeles was third among the cities of the U. S. in building for September with a total nearly fourteen millions behind Chicago and more than four millions ahead of Detroit, which was fourth. Philadelphia was fifth and St. Louis sixth. San Francisco was ninth in the list; Portland, Ore., fifteenth; Oakland eighteenth and Long Beach, Calif., twenty-sixth, a few thousand dollars ahead of Seattle. Compared with September, 1922, New York City showed a small loss, while Chicago's total was more than doubled. Detroit showed a small loss, while Philadelphia's total dropped off a third. St. Louis gained nearly 200 per cent. For September, 1923, reports from 206 cities showed a total of 67,051 permits issued with an estimated valuation of $213,933,110. For the same month a year ago these cities reported 58,921 permits and an estimated valuation of $203,401.56. For the month of August, 1923, 205 cities reported a total of $250,984,735. The total for September dropped back very close to that for the first month of the year and about $184,000,000 under the peak total for the year recorded in March. Thirty-five cities reported building in excess of $1,000,000 for September, 1923, as compared with 40 cities for August. Of these 35 cities, six are in California.

The California Door Company has been fined $100 by Justice of the Peace J. W. Shanklin at Placerville on a charge of burning brush without a permit, in violation of the state fire laws. Three charges originally were preferred against the company, which is alleged to have been responsible for the fire which destroyed the town of El Dorado and much brush and timber last month. The company pleaded guilty to one charge and the others were dropped.

The Los Angeles Lumber Products Company has filed an application with the Railroad Commission for the suspension of proposed reductions in rates on lumber and lumber products from producing to consuming points in the State of California, ordered by the Railroad Commission, effective October 31, 1923, pending a hearing by applicants, who allege that the proposed reductions will be injurious to their business.

The 6th Annual convention of the Common Brick Manufacturers of America will be held at Los Angeles in February. Special trains will be operated from Chicago and Kansas City, at which points the delegates in many sections of eastern, southern, and middle states will unite and make the trip together.

Of 307,522 male immigrants admitted to this country in the fiscal year ended June 30, 12,035 were carpenters, 2,550 were painters and glaziers, 1,197 were plumbers, 521 were stone cutters, 512 were sheet metal workers, and 83,552 were common laborers.

A $3,000,000 block of state highway bonds will be sold at public auction November 8. The bonds will bear interest at the rate of 4¼ per cent, an increase of one-half of one per cent over the interest rate for bonds sold in the past. The increase has been ordered to facilitate the sale.

ALONG THE LINE

Examiners of the Washington State Bureau of Accountancy has started an investigation of expenditures of 1923 road funds in two of the three highway district in Kings county, Washington. The total of these expenditures has been put at over $1,000,000. The investigation was begun after County Engineer Beeman charged that expenditures were being made illegally in one of the two districts which is represented by County Commissioner Paul. Beeman alleged that advertising and reports required by law had been omitted.

Arthur P. Davis, late director U. S. Reclamation Service, has been appointed chief engineer, and Gen. George W. Goethals, of New York City, and William Mullolland, of Los Angeles, consulting engineers, of the East Bay Municipal Utility District, comprising municipalities across the bay from San Francisco. The first objective of the district is to purchase the existing privately owned waterworks serving that territory, and the next is to construct additional supply works.

Basing their attitude on wage increases granted their craft in other sections of the state, the plumbers of Marysville and Yuba City have submitted to the Marysville Builders' Exchange a proposition for an advance in their wage scale from $9 a day to $10.50. The exchange has taken the matter under advisement.

The city of Los Angeles has voted $1,000,000 to finance construction of the Mulholland Skyline highway. The highway will be a 200-ft. boulevard extending from the top of Cahuenga Pass to Calabasas, approximately twenty-five miles.

The Central Committee on Lumber Standards will meet at the Congress Hotel, Chicago, October 31. This meeting will be preceded by a meeting of the Consulting Committee on Lumber Standards on October 30.

H. O. Foster, formerly associated with the state highway commission, has become affiliated with the Industrial Testing Laboratory of Los Angeles as engineer in charge of road construction.

The Sprusteel Ladder Company, capitalized at $100,000 has been incorporated in Oakland. Incorporators are: L. C. Whitaker and M. E. Shea. The amount subscribed is $30.

E. M. Tilden, president of the Builders' Exchange of Alameda County, has left for San Antonio, Texas, to attend the Western States American Plan conference to be held in that city.

Bids to construct the Exchequer dam will be opened by the directors of the Merced Irrigation District on November 8th.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

WOMEN ENROLL IN ARCHITECTURE COURSES AT U. OF C.

Women architects and draughtsmen are about to supplant men in this profession if enrollment records of the University of California bear any evidence on the matter.

That steadily increasing numbers of co-eds are signing up in architectural courses is reported on the campus. And such college records also show that the great interest of the women registered in this branch of academic learning is in home-designing.

"Homes for women designed by women, why not?" ask the co-eds enrolled in these courses in answer to criticism of male students that they are "invading" a man's field. If women do not know more things about a home than a man, what then is she supposed to know?"

Windows with east and west exposures, drains in the right place, steps that are not too steep, attractive nooks, the proper place for chimneys—these are but a few of things upon which they can give expert advice say, the co-ed home designers. While many of the women are taking general artectural courses, the majority are interested in home-designing, according to Professor John Galen Howard, university architect, and Prof. W. C. Hays, who are in charge of the co-ed courses.

Among the well known co-eds enrolled in the college of architecture are Irene McPhal, Rose Lewis, Esther Baum, Edna Boyd, Louise Russel, Caroline Coffin, Margeurite Faucett and Elizabeth Boynton.

LAW EXEMPTING NEW HOMES FROM TAXATION DECLARED VALID

The tax exemption law of 1920, involving homes owned by at least 50,000 individuals, valued at nearly $250,000,000 in New York City, was declared constitutional in an unanimous decision handed down by the Appellate Division of the Supreme Court.

The decision reverses the recent decision of Justice Tierney of the Supreme Court, which held that the tax exemption of ten years on new buildings was invalid. The Tierney decision was in the suit of Hermitage company, a real estate corporation, asking for an injunction to prevent the New York City tax department from collecting taxes from the Hermitage company on property it owns which was not exempt.

The decision probably will be appealed to the Court of Appeals, but real estate men, city officials and others are hopeful that, as the Appellate justices were unanimous in their opinion, the appeal to the highest court will be more or less of a formality. If there had been any conflict or doubt in any of the minds of the justices there might be a chance that there would be a knockout in the Court of Appeals.

It had been calculated by real estate, tax, and legal experts that if Justice Tierney's decision was sustained by the Appellate justices it would mean a loss of approximately $80,000,000 to property owners and the money would go to the city in taxes on the nearly 50,000 new homes costing a quarter of a billion dollars.

American Society Of Engineers Sends Scathing Letter To Work On Dismissal Of Director Davis

The American Society of Civil Engineers meeting in convention at Richmond, Va., October 18, unanimously endorsed action of the Board of Directors of the Society recommending the sending of a scathing letter of protest to Secretary of Interior Work for his action in removing A. P. Davis as director of the U. S. Reclamation Service and his statement that engineers are not qualified to direct government irrigation.

The letter which was sent to Secretary Work, follows:

Your courteous reply of August 14th to our inquiry of June 27th, has been very carefully considered and the whole matter of your dismissal of Director A. P. Davis of the reclamation service has been investigated by this board, aided by a special committee of two fair-minded engineers, widely experienced in public service and business affairs, one of whom is an honorary member and the other a past president of this society. We regret to have to state that, after mature deliberation, we feel constrained to protest against your action with the utmost vigor.

Dismissal Arbitrary, Unjust

1. Because the dismissal, made so suddenly and but little over three months after you became secretary, was arbitrary and was unjust to a highly efficient and experienced public official, a most eminent civil engineer of long recognition national and international standing in his profession, whose high qualifications you yourself have certified by offering to make him consulting engineer of the reclamation service.

2. Because the action necessarily must undermine the morale and loyalty of the whole reclamation service, tending to substitute political standing for merit and leading to the danger that the public funds may be wasted through inefficiency. Similar action applied to other technical bureaus would demoralize the entire technical and scientific service of the government.

Subterfoge Resorted To

3. Because the action was taken by the device of nominally abolishing the position and immediately creating its equivalent under another name, a subterfuge which, as we are informed, it has been attempted to legalize by an ex post facto executive order. Furthermore, the charge repeatedly has been made in the press and without denial by you, that your offer to retain Mr. Davis as consulting engineer of the reclamation service was on condition that he omit to state that his resignation was requested by you. To this fact your letter contained no reference.

Politics Before Efficiency

4. Because there is great danger that the effect of your action may eventually lead to the waste of vast sums of public funds to meet political demands put forward in behalf of selfish private interests, disagreeing entirely with your views. We consider it established that efficient technical bureaus such as the reclamation service in the past (with its world wide recognition as a model for other nations), can meet all just needs of the government irrigation projects. Farmers generally throughout the United States are suffering under present conditions no less than those on reclamation projects. Engineering ability and experience are essential to the directions of the management no less than to the building of the reclamation projects.

5. Because business and engineering ability both are necessary qualifications for the efficient discharge of the duties of the director of the reclamation service, or, as now called, the commissioner of reclamation.

Profession Slandered

6. Indeed, the whole engineering profession resents most strongly the slander (implied in your letter) that engineers cannot, or at least do not, possess business qualifications of the highest order. In transportation, in mining, mechanical, electrical and other great industries, engineering executives play a most important part. Engineers are presidents of the Pennsylvania Railroad, the New Haven, the Delaware and Hudson, the Chicago and Northwestern, the Santa Fe, the Great Northern, the Chicago and Great Western and many others. Both presidents of our two big electrical companies are engineers. Many of our largest firms and manufacturing operations are headed by engineers; in fact, engineers play important parts in business affairs in a long list of human activities in the United States. The fact that hundreds of thousands of Americans are content to trust investments of billions of dollars to the hands of engineers is ample proof—if any be needed—of the falsity of the charge that engineers are not business men.

Explanation Inadequate

Your explanation, therefore, is inadequate in every respect. Your action is of a character most dangerous as well as unjust. We protest it in the strongest terms.

ALAMEDA COUNTY EXCHANGE ADOPTS ETHICS CODE

A Code of Ethics, pledging each member to deal fairly and squarely with the public and fellow members and setting up a high standard of moral aid civic obligations, has been adopted by the Builders' Exchange of Alameda County.

Recognizing that the success of the Builders' Exchange depends upon the character of its membership, upon their honesty of purpose and unselfish devotion to good building, the Code of Ethics committee, L. C. Fraser, chairman; Harry McManus and James B. McKeon, submitted the code to the directors. It was unanimously adopted.

BUSINESS OPPORTUNITY

The Oriental Publicity & Commercial Bureau, 33 Queen's Road, Central Hongkong, China, announce that they are prepared to receive catalogs and printed matter from San Francisco manufacturers desirous of having their business connections extended in that territory. These catalogs will be for free distribution in Hongkong and throughout South China. This service is rendered free of charge, and in the case of samples, they will be received only for exhibition and the Bureau will bear no liabilities toward same. The Bureau does not act as agent or solicit orders, but is established to push forward the sale of "Made in America" goods.

BUILDING PERMIT TOTALS

Following building permits totals, covering activities for September, 1922 and 1923, are compiled by the California Development Association, as follows:

	Building Permits 1923	1922
San Francisco	$2,907,389	$2,951,858
Los Angeles	14,099,353	10,267,894
Oakland	2,068,124	1722,573
San Diego	1,324,907	1,501501
Long Beach	1,409,462	1,317,438
Sacramento	429,998	338,560
Pasadena	1,601,338	788,439
Fresno	296,659	282,867
Stockton	316,615	148,936
San Jose	184,685	37,880
San Bernardino	223,786	156,035
Bakersfield	*	
Riverside	328,425	182,225
Modesto	39,334	45,350
Santa Rosa	55,538	161,908
Santa Barbara	*	
Berkeley	765,160	461,400
Alameda	78,410	49,645

* Not Reported.

TARIFF BOARD ACTS ON LUMBER ISSUE

The Tariff Commission, in an opinion sent to President Coolidge, holds that it is without jurisdiction under flexible provisions of the tariff act, to alter the retaliatory duty provided under section 401, which covers logs of fir, spruce, cedar or Western hemlock. It was the first opinion to be rendered to the President under the flexible provisions.

The commission's decision was on an application filed by the Bloedel-Donovan Lumber Company for a reduction of the duty of $1 per thousand board feet on imports from countries imposing a duty against American exports of the same commodity By a vote of 4 to 2 the commission held that a duty imposed through such a proviso as would characterize a retailatory rate was not subject to increaes or decrease by Presidential proclamation.

PUBLICATIONS

The Asphalt Association, 25 West Forty-third street, New York City, has published four interesting pamphlets relating to the use of asphalt in street and highway paving. Of these, one is a comprehensive census of paving that lists for the principal cities of all the states the yardages of all standard types of paving. Its title is, "How American Cities Are Paved." A second pamphlet deals with the Bates road experiment during 1922 with special reference to the asphalt sections. A third discusses the asphaltic concrete base from the standard of its making possible a rapid paving program. The fourth is concerned with the varied uses of asphalt in highway construction.

"Clinton Mortar Colors" and "Color Harmony in Brickwork" are the respective titles of two folders that both contractors and architects may find of considerable value. They have just been issued by the Clinton Metallis Paint Company, Clinton, New York, as instructive guides to the building of beautiful brick walls.

Yeomans Brothers Company, 1433 Dayton street, Chicago, has published a well printed and illustrated 19-page booklet, punched for filing, that presents an effective description of the Shone System of Pneumatic Sewage Ejectors. The bulletin should prove of especial interest to engineers.

Demand For Lumber Strong— Survey Shows Good Outlook

The lumber market continues active with fall needs running into substantial volume and asserting a strengthening influence on prices, especiallly in view of low stocks of popular woods. There is a heavy call for ward and shed items, says the American Lumberman, Chicago. Building is active in most cities. The large number of building permits taken out and other facts indicate not only that there will be great activity in the construction field as long as the weather remains open, but also a continuation of building throughout the winter for early spring delivery. Reports from agricultural sections indicate steady, though slow, improvement in country trade and lumbermen believe this month will bring out considerable business from this source. Industries remain busy, and are buying fairly well.

Orders for straight cars are more in evidence than for some time, showing that, though strict conservatism is still practiced, many dealers are at last rounding out their broken stock. Those wanting mixed cars often experience trouble in placing their orders, because of the unfavorable supply situation at many mills. Due to the difficulty in securing Douglas fir, which is in very strong position on account of the heavy cargo trade, much of the middlewestern and eastern trade goes to southern pine. While prices on this wood have shown no notable advances recently, they hold strongly and manufacturers refuse to bid for orders.

Southern pine exporters state that demand and inquiries from Europe, the West Indies and South America are heavy and that prices on export stock are advancing. Japan is reported to have begun buying for reconstruction purposes on the west coast, taking squares and sawn lumber in quantities.

Northern pine and hemlock are somewhat stronger, but other softwood shows no essential change. Cypress and redwood are firm, while western pines and North Carolina pine are still weak.

Continued expansion in demand for hardwoods is reported from all producing sections. There is a steady flow of orders from all leading consumers, who are buying frequently rather than in quantity. The hardwood market meanwhile is working into a stronger position, and the price tendency is more markedly upward as the scarcity of dry stocks increases.

NEW PLANS FOR ANTIOCH SPAN SUBMITTED BY DELTA BRIDGE CORP.

Plans for a new type of bridge across the San Joaquin River at Antioch have been prepared by the Delta Bridge Corporation and submitted to Major U. S. Grant, III. United States District Engineer. Copies of the plans also have been sent to Stockton and navigation interests that protested the former types of bridge proposed by the company.

Frank H. Reynolds, engineer for the company, announces that the new plans for the proposed bridge provide for an ascent from the Sherman Island side on an 850-foot concrete trestle at a grade of 6 per cent, 225 feet on concrete span, a 300-foot stationary steel span, a 300-foot lift span, 2,000 feet of 100-foot spans descending at a grade of 1½ per cent and 850 feet on concrete trestle on the Contra Costa shore.

The new plans give an opening of 270 feet in the clear in both the stationary and lift spans. The lift span, when raised, will give a clearance of 135 feet above high water, and when in place will be seventy feet above high water, the same as the adjoining stationary 300-foot span. The 2,000 feet of 100-foot spans will range from sixty feet above high water, near midstream, to thirty-two feet above high water, near the shore.

Reynolds says that the new plans are expected to meet nearly all objections raised against the previous bridge, and which resulted in the company's application being refused by the war department. The new bridge also is held to comply with Major Grant's ideas.

Reynolds says the stationary span, the lift span in place and most of the 100-foot spans will provide for all ordinary river navigation and small craft. The width of the new lift span span is expected to meet the objection interposed by Stockton, which looked toward the completion of Stockton's proposed deep-water channel for ocean going vessels.

The new plans were forwarded to Major Grant recently, according to Reynolds, and he now has them under consideration. The location of the proposed bridge would be the same as for the former proposals.

In rejecting the former plans of the company for a bridge, the chief of engineers at Washington said that plans for a bridge at West Island would be considered.

TRUSCON STEEL HAS BUILDING METHOD LOWERING COSTS

The Truscon Steel Company has developed a system of reinforced concrete construction that, calling for more steel than usual, combines the virtues of a steel-framed structure with those of a reinforced concrete building, and that, at the same time, so eliminates form work and shoring that construction costs are kept down to a practical basis.

The method calls for joists made up of I-beams. The upper flange of each of these is sheared in such a manner so as to form rigidly connected diagonals extending up into the concrete above. The I's thus serve the double function of a strong reinforcing for the completed concrete structure and a support for the removable floor pans. The only shoring that is then necessary is one row at the center of each span or bay. Very little other form work is required. The floor space is thus left open for storage of materials and for the work of the trades that follow up the steel and the concrete gangs.

Forms for several floors may be erected at once, at a great saving, and because of the extra support given the concrete by the I-beams, the pans may be removed somewhat earlier than would be possible under other conditions. Thus, construction is speeded up without sacrificing costs or strength of the building. The cost of construction is low because of the saving of material and labor. The great steel tonnages of a structural steel job are avoided, while the complicated form work and centering of most reinforced concrete jobs is not necessary.

This form of construction has been fully tested in laboratories, has stood many hard tests, and is now an established practice.

Building News Section

APARTMENTS

Plans Completed.
APARTMENTS Cost, $17,000
SAN FRANCISCO, SW Franklin and Francisco.
Two-story and basement frame (3 pats)
Owner—Capt. Edw. Mason, 1258 Union St., San Francisco.
Architect—J. A. Porporato, 619 Washington, San Francisco.

Sub-Figures Being Taken—Reinforcing Steel and Concrete Work Awarded.
APARTMENTS Cost, $100,000
SAN FRANCISCO. NW Stockton and California Sts.
Six-story and basement reinforced concrete apartment building (44 2-room and 2 3-room apts.)
Owner—L. B. Ham, 110 Sutter St., San Francisco.
Architect—A. J. Horstman, 110 Sutter St., San Francisco.
Reinforcing steel to Gunn-Carle Co., 444 Market St.
Concrete work to Adam Arras Co., 185 Stevenson St.

Sub-Figures Being Figured.
APARTMENTS Cost, $100,000
SAN FRANCISCO. SE Sacramento and Octavia Streets.
Six-story and basement reinforced concrete apartment house (12 3-room and 34 2-room apts.)
Owner—L. B. Ham, 110 Sutter St., San Francisco.
Architect—A. J. Horstman, 110 Sutter St., San Francisco.

Completing Plans — Figures to be Taken in Two Weeks.
APARTMENTS Cost, $250,000
SAN FRANCISCO. NW Sutter and Leavenworth Streets.
Ten-story steel frame Class A brick and concrete apartments (75 2-rm. apts.)
Owner—L. B Ham, 110 Sutter St., San Francisco.
Architect—A. J. Horstman, 110 Sutter St., San Francisco.

Concrete Work, Roofing and Pumps Contracts Awarded — Sub-Figures Being Taken.
APARTMENTS Cost, $200,000
SAN FRANCISCO. SW Jones and Sacramento Streets.
Six-story and basement reinforced concrete apartment building (70 2 and 3-room apts.)
Owner—Chas. Johnson, 36 Steiner St., San Francisco.
Architect — H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Sub-figures are being taken for steam heating, plumbing, electric wiring, elevator, sheet metal, painting, wall beds, etc.
Concrete work awarded to C. Vanucci, 16th and Valencia Sts.
Roofing (T. & G.) to Jas. Cantley, 180 Jessie St.
Pumps to Simonds Co., 117 New Montgomery St.

Contract Awarded.
APARTMENTS Cost, $15,000
OAKLAND, SW 40th and Lusk Sts.
Two-story 16-room frame apts.
Owner—Frank Dunn.
Contractor — California Builders Co., Oakland.

Owner Taking Sub-Figures — To Be Done By Day's Labor.
APARTMENTS Cost, $18,000
SAN FRANCISCO, E Van Ness Ave., 163.3 N Broadway.
Three-story and basement frame, (3 apartments).
Owner—Dr. F. C. Keck, Liberty Bank Building, San Francisco
Architect—W. F. Gunnison and Grace Jewett, 57 Post Street, S. F.

To be Done by Day's Work.
APARTMENTS Cost, $32,500
BERKELEY, Alameda Co., Cal. No. 1610-12-14-16-18 University Ave.
Three-story 40-room frame apartment house and tile garage.
Owner—Lichens & Williamson, 695 37th St., Oakland.

Plans Being Prepared.
APARTMENTS Cost, $60,000
SAN FRANCISCO, NE 4th Ave. and California.
Three-story frame and stucco apts. (12 4-room apts.) composition roof.
Owner—I. F. Epp, 12th Ave. & Geary Sts., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared—To Be Done By Day's Work.
APARTMENTS Cost, $50,000
SAN FRANCISCO, Page St., between Pierce and Scott.
Three-story frame brick veneer and stucco apartment house (9 4-room apartments).
Owner—Adolph Petry, 890 Page St., San Francisco.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., S. F.

Contract Awarded.
APARTMENTS Cost, $25,000
SAN FRANCISCO, SW Clement & 23rd Avenue.
Three-story and basement frame stores and 8 apartments.
Owner—Jos. Varsi, 234 10th Ave., San Francisco.
Architect — Milton W. Morrison, 716 41st Ave., San Francisco.
Contractor—O. M. Oye, 67 Carmel St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $14,000
SAN FRANCISCO—S Seventeenth St. 134 E Church St.
Two-story and basement frame (4) apartments.
Owner — Miss Winifred Gaffney, 824 Castro St., San Francisco.
Architect — Geo. N. Wiemeyer, 76 Eureka St., San Francisco.
Contractor—R. H. Kelly, 57 Grattan St., San Francisco.

To be Done by Day's Work and Sub-Contracts.
APARTMENTS Cost, $25,000
SAN FRANCISCO—E Fillmore 105-4½ S Pacific Avenue.
Three-story and basement frame (12) apartments.
Owner—C. C. McKenzie and J. Prout, 515 Magellan Ave., San Francisco
Architect—None.
Contractor—J. Prout, 515 Magellan Av., San Francisco.

To be Done by Day's Work.
APARTMENTS Cost, $15,000
BERKELEY, Alameda Co., Cal. No. 1725 Oxford St.
Two-story 20-room frame apartments.
Owner—Wm. Oszdorff, 2641 Webster St., Berkeley.
Architect—None.

LOS ANGELES, Cal.—J. Kelch, 507 E 33rd St., has had plans prepared and will erect a 96-room 30-apartment bldg on Leeward Ave. near Vermont Ave, for himself. Three-story 45x135 ft., frame and plas. construction, comp. rfg., pine trim, oak htrs., steam htg.; $50,000.

LOS ANGELES, Cal.—J. M. Williams, 4661 W 18th St., has the contract to erect a 2-story brick store, office and apartment bldg. at n.e. cor. of Washington and Crenshaw Blvds., for V. C. Williams. Dimensions 52x125 ft., brick walls, press. brick facing, plate glass, steel beams, comp. rfg., pine trim, oak and pine flrs, tiled baths, water htrs., wall beds; cost $40,000.

LOS ANGELES, Cal. — James W. Weitzman, 207 Union League Bldg., has had plans prepared and will erect a 4-story and basement brick apartment house on Union Ave. near Acacia St. for himself. Seventy-nine rooms, 39 apartments ;brick walls, 60x110 ft., press. brick facing, comp. rfg., fire escapes, pine trim., tiled baths, wall beds, steam htg., water htr.; $100,000.

LOS ANGELES, Cal—Norman F. Barber, 2603 W. 7th St., has prepared plans for a 4-story class C brick apartment house to be erected on Allison Ave. It will contain 128 rooms, arranged in 64 apartments; brick walls, 100x126 ft., press. brick facing, marble and tile work, comp. rfg., pine trim., oak and pine flrs., tiled baths, wall beds, steam htg.; cost $130,000.

LONG BEACH, L. A. Co., Cal.—Milwaukee Building Co., 3155 Wright & Callender Bldg., has prepared sketches for a 14-story class A store and office bldg. to be erected at Ocean Ave. and Pine St., Long Beach, for W. L. Porterfield. Dimensions 80x270 ft., reinf. conc. construction; $2,000,000.

LOS ANGELES, Cal.—Roy L. Jones, 311 S. Western Ave., is preparing plans for a two-story 28-room, 14-unit, frame apartment building to be erected by day work at Franklin Ave. and Ivy Pl. for Mr. Larsen. Stucco exter., comp. and tile rf., hardwood flrs., disappearing beds, tile baths and drainboards, gas heating, basement laundry and hot water system.

LOS ANGELES, Cal.—Roy L. Jones, 311 S Western Ave., is preparing plans for a 1-story 37-room, 15-unit, frame apt. bldg. and an 8-car garage and laundry bldg. to be erected by day work at Montclair and W 28th Sts. for Mr. F. H .Heep. Stucco exter., comp. rfg., hardwood flrs., tile baths and drainbds., disap. beds, aut. water htr., gas rads.

LOS ANGELES, Cal.—Roy L. Jones, 311 S Western Ave., is preparing plans for a 2-story, 48-room 12-unit frame apt. bldg. to be erected on W. Washington St. near La Salle Ave., for C. W. Hyde and Dr. R. R. Russell. Stucco exterior, comp. rf., hardwd. fls., tile baths and drainbds., disap. beds, gas rads.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 GALLON $2.00 Gal.
5 GAL. CANS $1.75 Net
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF
FROM JITTER ONLY

Independent Material & Supply Co.
SAND, ROCK, GRAVEL
ESTIMATES FURNISHED
PHONE S. R. 89 OFFICE 409 B ST., SAN RAFAEL

LOS ANGELES, Cal.—Thos. B. Morrison, 1122 Pacific Finance Bldg., has completed plans and has the contract to erect a 40-rm., 20 single apartment bldg., at 1421 Acasia St., for A. L. French. Frame constr., plaster exter., tile and comp. rfg., 2-story and part basement, tile and comp. rfg., 2-story and part basement, hardw. fls., tile baths and drainbds., wall beds, gas rads., aut. water htrs., O. P. trim; cost $50,000.

LOS ANGELES, Cal.—Roy L. Jones, 311 S Western Ave., is preparing plans for a 40-room 20-unit, frame apt. bldg. to be erected by day work on S Flower St. near Santa Barbara Ave., for Mr. Adams. Stucco exter., comp. rf., hardwood fls., tile baths and drainbds., disappearing beds, gas rads., basement laundry, general hot water system.

LOS ANGELES, Cal.—Roy L. Jones, 311 S Western Ave., is preparing plans for a 4-story and basement 104-rms., 51-suite, class C apt. bldg., to be erected by day work on Virgil Ave. near 6th St. for Joe Jacubwitz and Mr. Mintz. Found. 46x159 ft., rug. brick front, art. stone trim, marble steps and entrance vestibule, basement laundry, steam heat, automatic elec. elevator, hardwd. fls., disap. beds, tile baths and drainbds., comp. rfg.

BONDS

PLACERVILLE, El Dorado Co., Cal.—City council will call election to vote bonds of $10,000 to erect fire house.

FULLERTON, Orange Co., Cal.—Bonds for the $160,000 city hall, and the $25,000 fire engine house bonds were voted at the recent election. The $15,000 furniture issue failed to carry.

SAN DIEGO, Cal.—A special election will be called by the city board of education to vote on bonds in the sum of $750,000 for two additional junior high schools. Will Angier, secy., Southern Title Bldg.

EUREKA, Humboldt Co., Cal.—Until Nov. 13 bids will be rec. by county supervisors for purchase of $40,000 bond issue of Ferndale School District; proceeds of sale to finance construction of new school building.

ALBANY, Alameda Co., Cal. — City will vote bonds of $63,000 Nov. 3, to finance purchase of additional lands and erection of additions to Cornell school.

RICHMOND, Contra Costa Co., Cal.—Nov. 6 is date set by city council to vote bonds of $150,000 to finance construction of Harding Memorial (municipal) hospital. A $50,000 issue to finance construction of municipal bath house will also be submitted. A. C. Faris, is City Clerk.

CHURCHES

Bids to be Asked Shortly.
CHURCH Cost, $18,000
ESPARTO, Yolo Co., Cal.
Brick and concrete church, tile roof.
Owner—Community Church of Esparto.
Architect—Glenn Allen, 41 S-Sutter St., Stockton.

Contract Awarded.
CHURCH Cost, $40,000
BERKELEY, 1965 Hopkins St.
All work except heating, ventilating & glass for a frame & stucco church.
Owner—Northbrae Methodist Episcopal Church.
Architect—Geo. Rushforth, 354 Pine St. San Francisco.
Contractor — Thos. Cuthbertson, 1766 12th Ave., San Francisco.
Figures for the heating, ventilating and art glass will be taken later.

SIERRA MADRE, L. A. Co., Cal. — Archt. A. C. Martin, 228 Higgins Bldg., is preparing plans for a Spanish style church and shrine to be erected at Sierra Madre for Roman Catholic Bishop. Brick construction, plas. exter., clay tile rfg., pine trim, gas. htg.; $10,000.

TULARE, Tulare Co., Cal.—Dismantling of the od Christian church bldg. has been started and work on the new $35,000 structure will start soon. The First Christian Church of Tulare will have a modern Mission style church plant, with auditorium seating 500, 56 by 65 ft. There will be a basement and Sunday school section. Exterior will be stucco with Kellastone finish. Rev. H. E. Stubbs, E. San Joaquin St., Tulare, is pastor.

LONG BEACH, Cal. — The Second Church of Christ, Scientist, Long Beach has appointed a bldg. committee to promote the selection of an archt. and the bldg. of a new $200,000 church at 7th St. and Cedar Ave., Long Beach, according to announcement by R. D. Horton, director. Committee members are: Frank Griffin, chairman; Frank Cross, Mrs. Orchard Adah Allen and Mrs. R. D. Horton.

FACTORIES AND WAREHOUSES

Contract Awarded on Cost-Plus Basis
WAREHOUSE Cost, $281,000
SAN FRANCISCO, Ninth and Brannan Streets.
Five-story and basement reinforced concrete warehouse, 180x100.
—Standard Sanitary Mfg. Co
Architect— Weeks & Day, 347 Montgomery St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.
The architects are revising the plans. Sub-figures will be taken shortly

Figures to be Taken In a Week.
FACTORY BLDG. Cost, $10,000
SAN FRANCISCO, Folsom St. near 8th.
Two-story and basement reinforced concrete factory building.
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
FACTORY Cost, $5000
SAN FRANCISCO, 7th St. near Byrant.
One-story reinforced concrete factory.
Owner—Dr. Howe.
Architect—A. S. Bugbee, 26 Montgomery St., San Francisco.
Contractor — Buschke & Brown, 185 Stevenson St., San Francisco.

Sub-Figures To Be Taken—To Be Done By Day's Work.
FACTORY Cost, $15,000
SAN FRANCISCO, SW Howard and Russ Streets.
Two-story and basement concrete factory.
Owner—J. H. Hjul, 1342 Mission St., San Francisco.
Engineer—Owner.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?

For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.

OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.

A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1759
SAN FRANCISCO
LOS ANGELES

LOS ANGELES, Cal. — Joseph F. Rhodes, 113 N Vermont Ave., has the contract to erect a 4-story class A warehouse on Commercial St. between Alameda and Hewitt Sts., for Pasadena Electric Express Co., 4453 Commercial St. Dimensions, 40x125 ft., reinf conc construction, comp rfg., steel sash metal skylights, elevator; cost $50,000.

LOS ANGELES, Cal.—Austin Co. of Cal., A. G. Bartlett Bldg., has prepared plans and has the contract to erect a 1-story factory bldg. at 38th St. and Compton Ave. for Robinson Furniture Mfg. Co. Dimensions 100x220 ft., brick and concrete walls, steel frame and roof trusses, steel sash, comp. rfg., conc flr., sprinkler system; $35,000.

LOS ANGELES, Cal.—Austin Co. of Cal., A. G. Bartlett Bldg., has prepared plans and has the contract to erect a 1-story factory bldg. at 38th St. and Compton Ave. for Robinson Furniture Mfg. Co. Dimensions, 100x220 ft., brick and concrete walls, steel frame & roof trusses, steel sash, comp. rfg., conc. fls., sprinkler system; $35,000.

LOS ANGELES, Cal.—Y. P. Gilbert, 705 Citizens Nat. Bank Bldg., has completed plans and has the contract to erect a 1-story and part 2-story factory bldg., at 2115 E 9th St., for Shorten & Curtiss. Brick front, 44,130 ft., corrugated iron side and read walls, cement and O. P. fls., plate and wire glass, press. brick facing, steel sash, metal skylights, rolling steel door, comp. rfg.

LOS ANGELES, Cal. J. B. Harris, 4923 W Pico St., was low bidder at $149,260 on the general contract for erecting a 3-story class A reinf. conc. addition to the warehouse on San Pedro St. south of Pico St. for the Board of Education. Low bidders on other contracts were: Coker & Taylor on plumbing at $3231; Arenz-Warren Co. on painting at $2130, and American Electric Construction Co. on wiring at $3796. The bids were: General Contract —J. B. Harris, $149,260; K. R. Bradley Construction Co., $152,997; Weymouth Crench Co., $153,800; C. L. Peck, $154,840; Larsen-Siegrist Co., $155,000; J. C. Banister, $155,430; Pozzo Construction Co., $160,000; Darrell Condley Co., $162,212; Trewhitt & Shields Co., $163,944; Davidson Construction Co., $164,536; H. H. Hinds, $166,000; North Pacific Construction Co., $171,200; Macdonald & Driver, $181,000; Bavin & Burch Co., $185,953; J. A. Hill Construction Co. $168,873; Anton Johnson Co., $190,160; Willard-Brent Co., $192,300; T. J. Armstrong, $206,668. Plumbing—Coker & Taylor, $3231, add $2040 for sprinkler system; W. H. Robinson, $4600; Ashworth & Gallop, $4670; J. Hokom, $5192; Painting — Arenz-Warren Co., $2130; Winrich Decorating Co., $2525; H. H. Mann, $2760; Paul B. Johnston, $2780; Alhambra Wall Paper & Paint Co., $3435; E. A. Lindgren, $3564. Wiring—American Electric Construction Co., $3796; Woodill-Patterson Co., $3855; Newbery Electric Corp., $3889; H. H. Walker, $3998; Graham Electric Co., $3995; Southern California Electric Co., $5000.

LOS ANGELES, Cal.—Archt. John M. Cooper, 321 Marsh-Strong Bldg., has completed plans and has the contract to erect a 4-story class A loft bldg. at the corner 11th and Santee Sts. for the Electric Corp. Dimensions, 55x150 ft., reinf. conc. constr., plaster exter., comp. rfg., plate glass, spiral chute, elevator, steel sash, gas htg., wire glass; cost $100,000.

SAN FRANCISCO — See "Banks, Stores & Offices," this issue.

LOS ANGELES, Cal.—Archts. Meier & Bouneiheau, 516 Title Insurance Bldg., have prepared preliminary plans for a class A factory bldg., to be erected at the City Industrial Tr., for a local client. Dimensions, 200x350 ft., 1-story and part 2-story, reinf. conc. constr.; comp. rfg., conc. fls., steel sash, wire glass; $150,000.

LONG BEACH, Cal.—The American Avenue Hardware Co., Long Beach, is reported preparing to erect a $50,000 brick and conc. warehouse on W Anaheim Ave., near the flood control channel, Long Beach.

LOS ANGELES, Cal.—Austin Co. of California, 733 Bartlett Bldg., submitted low bid to harbor comm., Oct. 19, at $37,650 for constructing steel frame shed for cotton compress at L. A. harbor; time limit, start in 10 days, complete in 60 days. Other bids were: Union Iron Works, $41,916, 10 to 70 days; Anton Johnson, $45,638, 30 to 130 days; Brombacher Iron Works, $54,400.

WASCO, Cal.—Vanderuff Petroleum Co., Inc., of San Diego, will erect a refinery at Devils Den, near Lost Hills, for the production of various petroleum products, according to W. S. Hillyer, supt. of the company. Work will be started at once on a 250-bbl. refinery costing $35,000. It is planned to make ammonia sulphate, and icthyol is produced in Austria.

FLATS

Sub-Figures Being Taken—To Be Done By Day's Work.
FLATS Cost, $16,500
SAN FRANCISCO, N Clay St. 114-6 W Larkin.
Three-story and basement frame (3) flats.
Owner—W. R. Proll, 1607 Clay St., S. F.
Architect—P. Righetti, 12 Geary St., San Francisco.

Contract Awarded.
FLATS Cost. $12,000
SAN FRANCISCO, E Leavenworth 98-10 S Lombard.
Two-story and basement frame (2) flats.
Owner—Phillip L. Delucchi.
Contractor—G. Carraro, 750 Felton St., San Francisco.

Plans Being Figured.
FLAT BLDG. Cost, $—
SAN FRANCISCO, W 5th Ave. 200 S Clement.
Two-story and basement frame and stucco flat bldg.
Owner—J. M. Boscus.
Architect—O. R. Thayer, 110 Sutter St. San Francisco.

Plans Being Prepared.
FLATS Cost, $12,000
SAN FRANCISCO, NE 4th Ave. and California.
Two-story frame and stucco flat bldg. (2 5-room flats) composition roof.
Owner—I. F. Epp, 12th Ave. and Geary St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Sub-Figures to be Taken Next Week—To be Done by Day's Work.
FLATS & STORE Cost, $10,000
SAN FRANCISCO, S Union St. 62½ W Gough St.
Three-story and basement frame (2) flats and store.
Owner—V. Regel, 619 Washington St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco.

Plans Being Prepared.
FLATS Cost, $15,000
SAN FRANCISCO, S Anza St W 43rd Av
Two-story frame and stucco residential flats (2 6-room flats).
Owner—Dr. B. B. Masten.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, W 20th Ave. 150 N Fulton.
Two-story frame (2) flats.
Owner—Anna S. Ralston, 458 3rd Ave., San Francisco.
Archt. & Contr.—F. F. Ralston, 458 3rd Ave., San Francisco.

SAN FRANCISCO — See "Banks, Stores & Offices," this issue.

GARAGES

Contractor Taking Sub-Figures.
GARAGE Cost, $50,000
SAUSALITO, Marin Co., Water St.
Two-story and mez. floor reinforced concrete garage.
Owner—Clinton Mason, Sausalito.
Engineer—R. S. Chew, Rialto Bldg. San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.

Contract Awarded.
GARAGE Cost, $15,000
OAKLAND, NW E-14th St. & 41st Ave.
One-story brick and concrete garage.
Owner—C. S. Booth.
Contractor—S. A. Warner, 850 Cleveland, Oakland.

ALAMEDA, Alameda Co., Cal.—Until Nov. 6, 8 p. m., bids will be rec. by W. E. Varcoe, city clerk, to construct additions to municipal garage annexed to city hall. Cert. check 10% payable to city req. Plans obtainable from city clerk.

GOVERNMENT WORK AND SUPPLIES

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. Sealed proposals will be received here until 11 A. M. Nov. 16, 1923, for installing oil burning equipment and oil storage tank at Fort McDowell, Calif. Information upon application.

SAN FRANCISCO—Until Oct. 31, 10 a. m. bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4902-505 for fur. and del. Rio Vista, Solano county: miscellaneous castings. Complete details of materials required will be furnished on request.

SAN FRANCISCO—Until Oct. 30, 11 a. m., bids will be rec. by U. S. Engineer Office, 58 2nd St., under Order No. 4901-505 for fur. and del. Rio Vista, Solano county: electrical supplies. Complete particulars will be furnished on request.

SAN DIEGO, Cal—Com. DeWitt Webb announces that $500,000 will be expended on additions to the naval hospital at Balboa Park. Plans are being prepared in the 11th naval dist. public works office for additional ward, laboratory, out-patients ward, and an incinerator, together with necessary steam, water, sewer, gas and electric lighting distributing systems. Bids will be called for within a month.

FORT MASON, Cal.—The following bids were received on October 22nd by the office of the Constructing Quartermaster, Fort Mason, for roofing certain storehouses at the Presidio of San Francisco with asbestos or 26 gauge galvanized iron.

Bids ran high and will probably be rejected and the work done by the government forces:

	Galv. Iron
Conlin & Roberts	$ 7,590
J. Pringle (Asbestos $8665.)	7,944
I. L. Todd	8,382
Geo. E. McHugh	11,558
Jas. Currie	9,174
Jones Bros. Asbestos Supply (Asbestos, $8233.)	

MARE ISLAND, Cal.—As previously reported, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., until Nov. 14, 11 a. m., for fuel oil storage project at Mare Island Navy Yard. Project involves the construction of two 50,000-bbl. fuel oil tanks; 3 motor driven centrifugal oil pumps; one motor driven centrifugal pump for fresh water; one motor driven foam chemical agitating pump; air compressors; foam solution tank on steel towers; earth embankments around fuel oil tanks; three pump houses; tank heater house; valve chambers; catchbasins and necessary piping, valves and fittings. Pump houses and heater house will have concrete foundations, brick walls, wood roof framing and slate & tin roofing. Work under Specification No. 4717. **See call for bids under official proposal section in this issue.**

WASHINGTON, D. C.—Until Nov. 5, 10:30 a. m., bids will be rec. by General Purchasing Agent, Panama Canal, under Circular No. 1566, for fur. and del. Balboa (Pacific Port): cast iron car wheels, tractor, lawn mowers, hub-odometers, electric lighting outfit, triple-acting chain blocks, foundry brushes, steel cans, lamp chimneys, fire-bricks, ready roofing, liquid coal tar, black ship glue, pig tin and lead, white bristol board, southern yellow pine and Douglas fir lumber and timbers, and creosoted yellow pine or Douglas fir piles. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

KLAMATH FALLS, Ore.—Until Nov. 12 bids will be rec. by Bureau of Reclamation, Klamath Falls, Ore., to construct building and appurtenant structures for Dry Lake pumping plant, Klamath project, Ore.

PEARL HARBOR, T. H.—Pan-American Petroleum & Transport Co., has awarded contracts in connection with const. of a fuel storage plant at Pearl Harbor naval base, Hawaii, as follows: (1) to M. W. Kellogg, 90 West St., New York City, at $342,000 for piping systems, fire prevention system, pumps, compressors, motors, etc.; (2) to Armstrong Cork Co., Pittsburg, Pa., at $40,000 for material for the gasoline storage tanks; (3) to U. S. Steel Products Co., New York City, at $96,000 for superstructure of oil storage bldg.; (4) to Hawaiian Electric Co., at $47,000 for electric work.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing and delivering materials to Navy Yards, as follows: date for opening bids as noted at close of each paragraph:

Schedule 1446, Puget Sound, miscellaneous salinity equipment, Nov. 16.

Sched. 1447, for Mare Island, 7000 lbs. litharge, 400 lbs. ultramarine blue, 5000 lbs. lamp black in oil, 2000 lbs. chrome yellow, 5800 gals. pine oil, 40,000 lbs. red Indian dry, 8500 gals turpentine, Nov. 13.

Schedule 1448, for Mare Island, 317 pcs. cast iron pipe, 8 hydrants, 6 wrenches, miscellaneous valves, etc., Nov. 13.

Schedule 1453, for Puget Sound, 17,750 standard bolts and nuts, 6750 do, Nov. 13.

Sched. 1455, for San Diego, 25,000 pints liquid metal polish, Nov. 6.

Sched. 1462, for Mare Island, 625 reams emery cloth, Nov. 6.

Sched. 1465, for eastern yards, miscellaneous deck scrubbing brushes, and for Mare Island and San Diego, 12,000 do, Nov. 13.

Sched. 1471, eastern yards, 52,000 lbs. calcium chloride, and for western yards 65,000 lbs do, Nov. 13.

Sched. 1473, for San Diego and Mare Island, 50,000 lbs. boiler compound, Nov. 13.

WASHINGTON, D. C. — Following bids rec. by Bureau of Yards and Docks Navy Department, to erect 3200-ft. steel pipe masts with concrete foundations at the navy yard, Puget Sound:

Item 1, work complete; 2, complete, based on alternative 1.

Parker & Wood, Bremerton, Wash., item 1, $9386, 145 days; 2, $17,000, 180 days.

C. F. Martin, 204 Seaboard Bldg., Seattle, Wash., item 1, $14,300, 120 days 2, $16,921, 180 days.

Nicholas Fleiness, 539 N 80th St., Seattle, Wash., item 1, $10,125; 2, $17,245.

Pole & Tube Works, Inc., 907 Evans Bldg., Washington, item 1, $8965.

HALLS AND SOCIETY BUILDINGS

SANTA ANA, Orange Co., Cal.—Bowman & Prebble, Santa Ana were awarded contr. by Santa Ana Ebell Club at $53,325 for constructing the new club house on French St., bet. 6th and Stafford Sts. Frederick H. Eley, Santa Ana archt. The bldg. will be part 1 and part 2 sto. with auditorium. The award was made on the proposition to erect bldg. complete except floor work and inside work.

Planned.
TEMPLE BLDG. Cost, $—
SACRAMENTO, Sacto. Co., Cal., NE 14th and L Sts.
Fireproof temple building.
Owner — Ben Ali Temple of Shriners, Sacramento, Cal.

RED BLUFF, Tehama Co., Cal.—F. H. Horn, Red Bluff, at $15,455 submits low bid to Chester Cole, architect, Waterland-Breslauer Bldg., Chico, to erect one-story brick club building for Women's Club of Red Bluff. Other bids were:

Frank Hendricks, Red Bluff, $15,512
J. F. Mackey Prop. (3), Sisson, Cal., $16,640.
Herndon & Finnegan, Sacramento, (2) add $707; $15,913.
C. N. Bostrom, Orland (for 2 add $500); $15,831.
Taken under advisement.

SANTA MONICA, L. A. Co., Cal. — Archt. W. Asa Hudson, rm. 9, Woods-Beekman Bldg., Beverly Hills, is preparing plans for adding a top story and general remodeling in converting the 3-story 100x100 ft. frame Santa Monica Bathhouse bldg. into quarters for the Santa Monica Athletic Club with lobby and bathers quarters on 1st floor; lounge, clubrooms, dining room, kitchen, billiard room and card room on 2nd floor; 12 sleeping rooms, gymnasium and locker rooms on 3rd floor; and balcony and handball courts on 4th floor. Stucco exter., comp. rf., hardwood and tile floors, heating and laundry plant, elevators.

HOSPITALS

SPRINGVILLE, Tulare Co., Cal. — Templeton Bros., Porterville, at $62,599, alternate bid $2000 (deduct) submits low bid to Tulare and King County supervisors to erect childrens' ward at hospital, from plans of Antone Johnson, architect, Kingsburg. J. H. Palm, Kingsburg, $68,450 submitted only other general contract bid with alternate of $4500.

Bids for plumbing and heating follow:

Visalia Plbg. Co., Visalia	$10,966
Alternate $10,300.	
Horlock-Clow Co., Hanford	8,846
Alternate $8,636.	
F. W. Stone, Visalia	9,878
Alternate $9,278.	
Edw. Magnuson, Kingsburg	9,800
Alternate $8,720.	
Gilbert & Sa, Visalia	10,780
Alternate $9,880.	

Bids of the lowest bidders were taken under advisement until Oct. 23, all others being rejected.

RICHMOND, Cal.—See "Bonds," this issue. Harding Memorial Hospital.

VISALIA, Tulare Co., Cal. — Tulare and Kings county supervisors, in joint session, reject bids received to construct children's tuberculosis ward at Springville hospital and plans will be revised to bring the cost within the amount available for construction. The estimated cost of Antone Johnson, architect, Kingsburg, Calif., is $53,000.

HOTELS

Permit Applied For.
KITCHEN Cost, $15,000
SAN FRANCISCO, S Market W 8th, Hotel Whitcomb.
Construct kitchen on roof.
Owner—Whitcomb Estate, Jas. Otis Tr
Architect—Geo. Rushforth, 354 Pine St. San Francisco.
Mgr. of Constr.—MacDonald & Kahn, 130 Montgomery St., S. F.

Sub-Figures Being Taken.
HOTEL Cost, $300,000
MARYSVILLE, Yuba Co., Cal., 5th & E Sts., 163 x 119-8.
Five-story reinforced concrete hotel, 141 rooms, 11 sample rooms and 80% baths (pressed brick with terra cotta trim exterior).
Owner—Marysville Hotel Co.
Architect — Edward Glass, Underwood Bldg., San Francisco.

The hotel company has requested I. C. Evans, 802 E St., Marysville, general contractor and stockholder, to submit a bid for the complete construction of the hotel. If it is within the estimate, the contract will be awarded to him and work will be started immediately. Mr. Evans wants sub bids on all branches of the work.

Plans Being Prepared.
HOTEL Cost, $86,000
MERCED, Merced Co., Cal.
Four-story reinforced concrete frame and tile curtain walls annex for hotel.
Owner—John H. Simonson (Hotel El Capitan), Merced.
Architect — Glass & Butner, Cory Bldg., Fresno.

Addition will contain 2 stores on ground floor with 33 rooms on upper floors, all of which will have private baths in addition to private banquet room, 22 by 46 feet.

LOS ANGELES, Cal.—Archts. Pierpont and Walter S. Davis, 3215 W 6th St., and H. W. Bishop, assoc., Wilshire Blvd. and Fairfax Ave., have completed plans and are taking bids for a class C hotel bldg. to be erected at Carthay Center, Wilshire Blvd. and Fairfax Ave., for the J. Harvey McCarthy Co., H. W. Hellman Bldg.; will contain 100 rms., 100 per cent baths, lobby, dining rm., kitchen, etc. Brick walls, 2-story and basement, tile rfg., steam htg. sys., storage water htr., plaster exter exter., tiled baths, marble, O. P. and hardw. fls., hardw and pine trim; the first unit which will be built at this time will contain 37 rooms.

ALHAMBRA, L. A. Co., Cal.—Archt. William L. Stoddard, of New York City has completed plans for the new "La Granada Hotel" the community hotel to be erected on Garfield Ave. for the Community Hotel Corp. of Alhambra; cost $325,000. Moorish style, part 2 and 3-story, with stores on the Garfield frontage; dining room to seat 200; living room, 93x78 ft; terrace cafe; mezzanine etc. Stucco exter., tile rfg., plate and frosted glass. The archt. will be in the city Nov. 5 at which time bids will be called.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kolamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing
PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

SANTA MONICA, L. A. Co., Cal. — Gutleben Bros., 609 1 .W. Hellman Bldg. Los Angeles, have been awarded the contract on a percentage basis for erecting the first unit of the new Miramar Hotel, Wilshire Blvd. and Ocean Ave., Santa Monica. Their contract amounts to $410,000 and sub-bids will be taken on practically all the work, except the wiring contract, amounting to approx. $12,000, which will be let later by the owners. Tropico Potteries have been awarded the terra cotta contract. The structure will be L-shaped, 186x48 ft. x 107x48 ft. and will have 6 stories and full basement. Excav. is under way. Reinf. conc. constr; press. brick exter. with terra cotta trim; the entire exter. of the first story will be of terra cotta facing. Granada tile rf., pine interior finish; painting and decorating; wrought iron work; elevator, etc. W. W. Ache, 1616 4th Ave., Los Angeles, is the archt. Later it is planned to build a similar unit to the northwest with a U-shaped unit in the center, all facing the ocean.

POWER PLANTS

TURLOCK, Stanislaus Co., Cal. — Turlock Irrigation District votes bonds of $500,000 in addition to the construction of 90 miles of electrical transmission lines.

PUBLIC BUILDINGS

SACRAMENTO, Cal.—City Manager H. C. Bottorff will recommend appropriation of $4500 to purchase site at 43rd and J streets for new fire house.

SAN JOSE, Santa Clara Co., Cal. — Sample & Cody, Call Bldg., S. F., are taking sub-figures for plastering, composition roofing, Kalamein doors, wood carving, and sash and doors for the two State Normal School buildings now under construction in San Jose.

OAKLAND, Cal.—Until Nov. 19, 10 a. m., bids will be rec. by Geo. E. Gross county clerk, to repair floor in County Recorder's office. Plans obtainable from clerk on deposit of $10, returnable after 10 days. Cert. check 10% payable to county clerk req. with each bid.

SAN ANDREAS, Calaveras Co., Cal. —Until Nov. 5, 3 P. M., bids will be rec. by A. W. Poe, County Clerk, to fur. and install in office of clerk one metal counter, 13 ft. 3 in. wide, 3 ft. 8 in. deep and 3 ft. 6 in. high, containing roller shelves, drawers and compartments. Cert check 10% payable to County req. Further information obtainable from clerk.

LONG BEACH, L. A. Co., Cal. — W. P. Hayes & Son, 142 E 3rd St., Long Beach, were awarded the contr. at $33,736 for erecting the Belmont branch fire house. C. T. McGrew & Son bid $35,965; Chas. Rowe, $36,000; Beswick Constr. Co., $36,517; W. J. Burgin, $36,650; J. D. Sherer, $37,250; H. R. Bradley, $40,600; Piper, Kahrs, Dedrick & Bobbe(archts. Three-story, brick and steel, comp. rf., found., 40x60 ft. cem. fls., gas htg.

SAN FRANCISCO—Until Nov. 14, 3 p m. bids will be rec. by Bd. Pub. Wks. to furnish and install chairs in Municipal Auditorium; est. cost $10,000. Specifications obtainable from Bureau of Architecture, 2nd floor, City Hall.

Owner Taking Figures.
DWELLING Cost, $25,000
SAN FRANCISCO, Cal., Jackson Street near Octavia.
Two-story and basement, frame and stucco residence and garage with tile roof (10 rooms).
Owner—Fred Grannis.
Architect—E. E. Young, 2002 California St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $11,000
OAKLAND, Alameda Co. Cal. Arimo.
Two-story frame and stuco residence and garage (tile roof).
Owner—Withheld.
Architect—C. W. McCall, Central Bank Bldg, Oakland.
Figures are being taken for a general contract.

Plans Being Figured.
RESIDENCE Cost, $15,000
OAKLAND, Alameda Ca., Cal. Vernon Street.
Two-story frame and stucco residence with asbestos shingle roof.
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Figures are being taken for a general contract.

Contract Awarded.
DWELLING Cost, $12,000
SAN FRANCISCO, NW Balboa St. and 46th Ave.
Two-story and basement frame dwlg.
Owner—Wm. Glendeman, 823 Fillmore St., San Francisco.
Contractor — Marcus Marcussen, 485 California.

Contract Awarded.
RESIDENCE Cost, $15,000
SAN FRANCISCO, NE 3rd & Quesada Way.
One-story and basement frame store & residence
Owner—Geo. & Rose E. Peterson.
Contractor—S. H. Hansen, 1526 Hudson Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $13,865
SAN FRANCISCO, Lot 4 & NW Ptn Lot 5 Blk 17 St. Francis Wood.
Two-story and basement frame residence.
Owner—Bert Nordman.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $40,000
SAN FRANCISCO, S Broadway 175 W Baker.
Two-story and basement concrete hollow tile and frame residence.
Owner—Mrs. G. A. Lansburgh, 2122 Pacific Ave., S. F.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor—Taylor & Jackson, 290 Tehama Sts., S. F.

Completing Plan.
RESIDENCE Cost, $70,000
ATHERTON, San Mateo Co., Cal.
Two-story and basement frame and stucco residence with tile roof (21 rooms, 8 bathrooms, separate garage, sunken garden swimming pool, tennis court, pagodas etc. Brick interior trim, high class plumbing and all modern conveniences).
Owner—Withheld.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
Contractor — Selected by owner, name withheld for the present.

Plans Being Figured.
RESIDENCE Cost, $5500
SAN JOSE, Santa Clara Co., Cal.
One-story frame residence.
Owner—Mr. Mattich.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Plans Being Figured.
RESIDENCE Cost, $4500
SAN JOSE, Santa Clara Co., Cal.
One-story frame residence.
Owner—Mr. Zannucci.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

BEVERLY HILLS, L. A. Co., Cal. — H. S. Belland, 435 Canyon Dr., Beverly Hills, is preparing to start work on a $55,000 2-story 19-room Italian Villa frame dwelling at Summit Dr. and Benedict Canyon Rd., Beverly Hills, for Fred C. Porter of the Porter lumber interests of Chicago. Plans by Clinton E. Kolyer, Stucco exter., tile rf., 5 tile baths, 3 marble and cast stone mantels, stone balustrades, cast stone walls in 18x48 ft. liv'ng rm., 6x19 ft. leaded glass windows, retaining walls, swimming pool, tennis court, tea house, bath house, garage with 5 servants apts., unit heating, hand wrought iron and brass staircase, oak trim, plas. relief and satin hung walls in several rms., tile vestibule and terrace fls., terrazzo recep. rm. fl., walnut wainscoting in dining rm., red gum paneling.

LOS ANGELES, Cal—Archts. Ruoff & Munson, 1107 Story Bldg., have completed plans and are taking bids on gen. Contr. with painting, heating, wrought iron, elec. fixtures, tile and tile mantels separate, for a 19-room duplex residence, to be erected on N Kenmore Ave., for Mrs. Carie L. Smith and Frances L. Alexander. Brick veneer and frame constr., plaster and brick exter., 2-story, shingle and comp. rfg., 54x72 ft., part basement, gas unit htg., 5 tile baths and drainbds., O. P. and hardw. trim. and fls., 2 tile mantels, wall beds, tile vestibules, storage water htr.; $35,000.

SCHOOLS

Plans Being Prepared.
SCHOOLS Cost, $100,000
SALINAS, Monterey Co., Cal., Maple & California Sts. & Central Ave. & Capitol St.
Two 1-story concrete school bldgs.
Owner—Salinas School District.
Architect—John J. Donovan and Davis-Heller-Pearce Co., Delta Bldg., Stockton, associated.
Bond election will be held shortly.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

C. H. BROWN
Plaster Contractor
220 S. TWELFTH ST.
Richmond, California
PHONE RICHMOND 1035

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Plans Being Prepared.
SCHOOL ETC. Cost, $—
ALBANY, Alameda Co., Cal.
School and addition to present cornell School.
Owner—Albany School District.
Architect—J. J. Donovan, Tapscott Bldg Oakland.

SAVANNAH, Cal.—McFallen & Winkelman, 1102 W Pico St., were awarded a contract at $49,160 for all work complete for erecting a new school bldg. at Rosemeed for Savannah school district. Frame and plas. construction, tile rfg. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., archts.

CHICO, Butte Co., Cal.—Elmer Goble, Chico, at $2691.20 awarded contract by Chico High School District to construct two tennis courts at highway school. Complete list of bids follow: (1) wood fencing with chicken wire; (2) pipe fencing and chicken wire; (3) black piping and chicken wire; (4) galv piping with Standard Fence Co's netting:

Elmer Goble (1) two courts $2324.60; three courts $3487; (4A) two courts, $2691.20, three courts $4038.40; (4B) two courts $2538.40, three courts, $3,801.60.

James Orendorff (1) two courts, $2,460.67, three courts $3490.12; (2) two courts $3223.14, three courts $4390.59; (3) two courts $3057.17, three courts $4234.59.

William J. Schalz, (1) two courts $2495, three courts $3325; (2) 2 courts $3385, three courts $4305; (3) 2 courts $3140, three courts $4035; (4) two courts $3280; three courts $4190.

LEMOORE, Kings Co., Cal.—Owing to fact that clear title could not be obtained to property In Lemoore Ave., trustees of Lemoore Union High School District proposed to call election and permit voters to select site for new high school buildings. W. H. Weeks, 369 Pine St., S. F., is the architect.

SANTA MONICA, L. A. Co., Cal. — Archts. Allison & Allison, 1405 Hibernian Bldg., Los Angeles, have been commissioned by Santa Monica school board to prepare plans for an addition of 11 or 12 rooms to the new McKinley school, East Santa Monica.

LOS ANGELES, Cal.—Witt & Ike, 5530 Central Ave., were low bidders at $41,677 on the general contract for erecting a brick addition to the Budlong Ave. school building. Alfred W. Rea and Chas. E. Garstang are the architects. Low bidders on other contracts were: Frank Davidson on heating at $3311; Leo H. Hubbert on painting at $1880; Newbery Elec. Corp. on wiring at $908.

SAN JOSE, Santa Clara Co., Cal. — Until Nov. 6, 4 p. m., bids will be rec. by Trustees Mt. Pleasant School District for alterations and additions to present school. Chas. S. McKenzie, architect, Bank of San Jose Bldg., San Jose. Cert. check 5% req. with each bid. Plans obtainable from architect. Bonds to the amount of $10,000 have been sold.

LOS ANGELES, Cal.—Archt. Loy L. Smith, Byrne Bldg., has been commissioned to prepare working plans for an addition to be erected at Alexandria Ave. school site. It will be 2-story and will contain 11 rooms. The construction will be brick. Cost, $77,000. O. W. Ott was appointed heating engineer.

LOS ANGELES, Cal. — Wm. Stacko, 1710 W Adams St., was awarded the general contract at $59,500 for erecting a new gymnasium bldg. at Manual Arts high school; plans by architectural department of board of education. Other contracts were awarded as follows: Plumbing to Ashworth & Gallop at $3875; heating to J. Hokom at $8833; painting to Paul B. Johnston at $1700, and wiring to H. H. Walker at $1690.

LOS ANGELES, L. A. County, Cal. — Archts. Norenberg & Johnson, 401 L. A. Ry. Bldg., have been commissioned to prepare plans for a 12-unit elementary school bldg., to be erected at the Ford Ave. school site, Boyle Hts for the Board of Education. Brick walls 2-story and part basement, comp. rfg., maple and cem fls.; $84,000.

LOS ANGELES, Cal. — Wm. Stacko, 1710 W Adams St., was low bidder at $228,000 on the general contract for erecting a new auditorium bldg. at Polytechnic high school; Morgan, Walls & Morgan, 1124 Van Nuys Bldg., archts. Low bidders on other contracts were: Coker & Taylor on plumbing at $8999; J. Hokom on heating at $30,700; E. A. Lindgreen on painting at $4250, and H. H. Walker on wiring at $12,549. The bldg. will be 3 story and will contain 24 class rooms and an auditorium to seat 2000 people; dimensions 316x160 ft. brick construction, plas. exter., cast stone trim., comp. rfg., steel sash, pine trim. The bids were: General Contract —Wm. Stacko, $228,000; K. R. Bradley Construction Co., $260,598; Larsen-Siegrist Co., $266,405; Salih Bros., $272,480; North Pacific Construction Co., $279,000; Darrell Condley Co., $282,529; Wm. G. Reed, $283,598; C. E. Downs, $285,900; J. F. Kobler, $294,598; Kinne-Westerhouse Co., $298,300; J. M. Cooper $315,000; B. D. Kronnick, $340,000. Plumbing—Coker & Taylor, $8999; Ashworth & Gallop, $11,106; W. H. Robinson, $12,000; J. Hokom, $11,396; G. C. Sutton, $12,716. Heating—J. Hokom, $30,700; L. Z. Brown, $30,927; Munger & Munger, $32,810. Painting—E. A. Lind-Green, 4250, except exterior plas. and decorating auditorium; Paul B. Johnston, $9500; Winvick Decorating Co., $10,970; H. H. Mann, $11,262; Alhambra Wall Paper & Paint Co., $12,540; R. Zelinsky, $16,770. Wiring—H. H. Walker, $12,549; Newbery Elec. Corp., $12,908.

SAN FRANCISCO—Golden Gate Iron Works, 1541 Howard St., at $67,100 awarded contract by Bd. Pub. Wks. for fur. fabricate and erect structural steel and cast iron for High School of Commerce addition in Fell St., bet. Van Ness Avenue and Franklin St.

LOS ANGELES, Cal.—Archt. Arthur S. Heineman, 831 San Fernando Bldg., has completed plans for a 15-rm English style residence, to be erected at Brentwood Park, for a local client. Brick walls, 2-story, brick and half timber exter., slate rf., basement, 4 tile baths, art. stone trim, gas unit htg. system, hardw fls., leaded glass, storage water htr., tile mantels, hardw and O. P. fls. brick terrace.

NORWALK, L. A. Co., Cal. — T. C. Kistner Co., archts. 616 Pantages Theatre Bldg. and 573 Spreckels Bldg., San Diego, are preparing plans for 3 high school bldgs. to be erected at Norwalk for the Excelsior Union High School District. There will be a class A auditorium bldg., with a seating capacity of 1100, a class C manual arts bldg. and a class C gymnasium bldg. Press. brick facing, 1-story and 2-story, tile and comp. rfg., cement and maple fls.; $201,000.

LOS ANGELES, Cal.—The following bids were received by the board of education for installing heating system in the John C. Fremont high school bldg.: L. Z. Brown, (1) indirect heating, no bid; (2) steam work In boiler room, no bid; (3) all steam htg except radiation and Vento, no bid; (4) gas steam radiator system, no bid; (5) steam heating and ventilating complete $46,307; Coast Radiator Corp., (4) $9,900; W. F. Creller, (5) $49,807; Carl Doell, (1) a$24,864; (2) $13,917; (3) $58,795; (5) $64,875; Thos. Haverty Co., (1) $20,100; (2) $8631; (3) $13,356; (5) $48,120; Hoagland-Lakin Co., (1) $21,126; Lohman Bros., (5) $47,593; W. C. Merritt Co., (5) $46,920; J. E. O'Mara Co. (5) $54,270.

Sam Le Clair,
Le Clair Scraper,
Hyde Street,
San Francisco.
Dear Sam:

SANDY PRATT supposes.
* * *
YOU SAW his order.
* * *
FOR LE CLAIR scraper No. 4.
* * *
OR THE fourth one.
* * *
NOW IN use.
* * *
BY CLARENCE Sand Pratt, President.
* * *
OF THE Pratt Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
SAM, WE have.
* * *
ONE OF your steel creations.
* * *
AT THE Marysville sand plant.
* * *
TWO AT the big city.
* * *
OF PRATTCO, Monterey County.
* * *
AND ONE at Sacramento.
* * *
HOME OF Pratt's American River sand.
* * *
AND IF Sandy Pratt, "Mayor."
* * *
OF BEAUTIFUL Westwood Park.
* * *
HAD USE for your scraper.
* * *
HE WOULD have one.
* * *
IN HIS beautiful home.
* * *
IN WESTWOOD Park.
* * *
WHERE 650 contented families.
* * *
LIVE IN happiness.
* * *
AND EVERYTHING.
* * *
BUT SANDY is willing.
* * *
TO LIVE in Westwood Park.
* * *
EVEN WITHOUT a Le Clair scraper.
* * *
PROVIDED SANDY.
* * *
CAN HAVE one.
* * *
AT EACH.
* * *
OF HIS sand producing plants.
* * *
"I THANK you."

Soon Sam Le Clair will make so much money selling his wonderful scrapers that he will be riding a horse in Golden Gate Park and owning a pretty bungalow home in beautiful Westwood Park, next to "Mayor" Sandy Pratt, producer of clean, sharp rock.

SAN FRANCISCO—Until Oct. 31, 3 p. m., bids will be rec. by Board of Pub. Wks. for mill work and miscellaneous items for shooting gallery in Mission High School; est. cost $1000. Bond of $250 req. of successful bidder. Plans obtainable from Bureau of Architecture, 2nd floor City Hall.

SAN FRANCISCO—Until Oct. 31, 3 p. m., bids will be rec. by Board of Public Works for miscellaneous iron work for shooting gallery in Mission High School addition. Est. cost $1000. Bond of $250 req. of successful bidder. Work to be started 5 days after award of contract and completed in 60 days. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall.

FULLERTON, Orange Co., Cal. — O. T. Moore submitted low bid to trustees of the Fullerton grammar school at $52,378 for the construction of the (Maple Ave) southside grammar school Frank K. Benchley, Fullerton, archt. Other low bids were: Painting — McBride & Crane, $3400; heating, Modern Appliance Co., $4378; electric work, Taylor Electrical Co., $2613; plumbing, Charles F. Carlson, $4796. Other bids were:

General—A. H. Pibel, $63,995; Homan & Tully, $66,000; R. C. McMillan, $66,896; H. D. Coon, $66,900; Geo. Trout, $68,150; George C. Pickering, $71,800; South & Franzen, $72,226; C. T. McGrew & Sons, $72,500; Frank Hudson, $80,000.

Painting—Alhambra Paint and Paper Co., $3600; John McFadden, $3746; T. H. McCarter, $4275.

Heating—Potter Radiator Co., $5420.

Electrical work—R. H. Walker, $3000 J. J. Farley, $4415.

Plumbing—Ehlen & Dedericks $5250; McFadden, $5300; Terry E. Hickman, $5249; Ed Mannering, $5175; F. H. Garrison, $5293; Hill & Sons, $5593; H. H. Armbrust Co., $5685.

LOS ANGELES, Cal.—McFadden and Winkelman, 1102 W Pico St., were low bidders at $44,900 for erecting a new school bldg. at Rosemead for the Savannah school dist.: Morgan Walls & Morgan, 1124 Van Nuys Bldg., archts. It will contain 4 class rooms and auditorium; frame and plas. constr., tile rfg., pine trim. The bids were: McFadden & Winkelman, $44,900; add $1600 for cem. walks; add $350 for slate blackboards; add $860 for maple fl. in auditorium; add $1450 for rolling partitions; R. S. Martin $46,933; Robert E. Millsap, $47,190; Escherich Bros., $47,390; J. C. Thurman, $48,700; Gene Foster, $51,000; Fred Walsh, $49,996; S. K. Fraser, $51,500; A. C. Miller, $54,672.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., are preparing plans for an 8-room addition to be erected at Cornwall St. school site Two-story, brick constr., face brick cast stone trim., comp. rfg., pine interior trim, maple fls., $64,000.

FAIR OAKS, Sacramento Co., Cal.—Until Nov. 3, 7:30 p. m., bids will be rec. by A. Van Maren, clerk, San Juan High School District, to erect auditorium-Gymnasium addition to San Juan school. Cert. check 10% payable to district required with each bid. Plans obtainable from Eugene J. Scadler, architect, Mitau Bldg., Sacramento. **See call for bids under official proposal section in this issue.**

SANTA MONICA, L. A. Co., Cal.—Archt. Edward Cray Taylor and Ellis Wing Taylor, engr., 713 W 8th St., have completed sketches for additions to public library at Santa Monica, for the city of Santa Monica. There will be a 1-story top add. to present 2-story bldg. and 2 side additions, 23x31 ft. and 31x53 ft., brick walls, tile rf., press. brick facing; $80,000. The city of Santa Monica will vote on a bond issue for the above funds at the next election.

PACIFIC GROVE, Monterey Co., Cal. Until Nov. 2, 8 P. M., bids will be rec. by J. P. William, Clerk, Pacific Grove High School District, to construct cement wall at tennis court at high school. Plans and further information obtainable from clerk.

POMONA, L. A. Co., Cal.—Archts. W. H. Weeks, of S. F. and Robert H. Orr, associated, 1305 Corporation Bldg., have been commissioned to prepare plans for two gymnasium bldgs. and a manual training bldg. to be erected at Pomona City High school site. The gymnasium will be 70x120 ft., brick construction. The manual training bldg. will be 40x120 ft. (The work will also include bleachers of frame construction to seat 1000 people. Bonds in the sum of $125,000 will be voted.

SAN FRANCISCO—D. N. & E. Walter & Co., 562 Mission St., at $855.65 awarded contract by Bd. Pub. Wks. to furnish and install door and window shades in Galileo High school.

LIVINGSTON, Merced Co., Cal.—Merced Union High School District trustees purchase 14-acre W. J. Curtner site for proposed new Livingston branch high school for which $100,000 were voted.

BIGGS, Butte Co., Cal.—Pritchard & Bacon, Biggs, Calif., at $385 awarded cont. by Biggs Union High School District to paint school with 2 coats of paint and one coat of stain. C. Sooy, Gridley, bid $1055 for 2 coats of paint and one coat of stain and for second coat of stain, $550.

LOS ANGELES, Cal.—Witt & Ike, 5530 Central Ave., were awarded the general contract at $41,677 for erecting an addition at Budlong Ave. school site; Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., architects. Other contracts were awarded as follows: Heating to Frank Davidson at $3311; painting to Leo H. Hubbert at $1880 and wiring to Newberry Elec. Co. at $908.

BANKS, STORES & OFFICES

Contract Awarded.
STORE Cost, $12,000
SAN FRANCISCO, Geary St. E Polk.
One-story reinforced concrete store building.
Owner—B. Getz.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.

Contract Awarded.
STORE BLDG. Cost, $21,000
SAN FRANCISCO. N Bryant St. 425 E Third St.
Two-story and concrete store building
Owner—L. A. Myers, 68 Post St., San Francisco.
Architect—S L. Hyman, 68 Post St., San Francisco.
Contractor—O. W. Britt, 1257 Arguello Blvd., San Francisco.

Contract Awarded.
AUTO SALES BLDG. Cost, $20,000
SAN FRANCISCO. NE Howard and Grand Streets.
One-story reinforced concrete auto sales building.
Owner—M. A. Harris & Elmer B. Stone.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Buschke & Brown, 185 Stevenson St., San Francisco.

Figures To Be Taken in a Week.
STORE BLDG. Cost, $25,000
EUREKA, Humboldt Co., Cal., Corner 4th and G Sts.
One-story frame store bldg. (6 stores).
Owner—Daly Bros., Eureka.
Architect—Wm. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.

Permit Applied For Today.
STORES ETC. Cost, $35,000
BERKELEY, SE 55th and Grove Sts.
Two-story and basement frame stores, offices and apartments.
Owner—Aurelia H. Reinhart, Mills College, Oakland.

Plans Being Prepared.
OFFICE & STORE Cost, $450,000
OAKLAND, Cal., 19th & Broadway adj. Tapscott Bldg.
Ten-story concrete office and store bldg. (pressed brick exterior & T & G roof) 225 offices, 4 stores and an arcade , 3 elevators.
Owner—F. M. Ray, Oakland.
Architect—Willis C. Lowe, Monadnock Bldg., S. F.
Mgr. of Constr.—P. A. Palmer, Monadnock Bldg., S. F.
Plans will be ready for sub-figures in about 90 days.
The Corporation Finance Co. are agents for the building.

Contracts Awarded.
COM. BLDGS. Cost, $—
SAN FRANCISCO, S Bryant 286-1½ W Second.
Two 1-story reinforced concrete commercial buildings.
Owner—Smith O'Brien & C. B. Hobson, 742 Market St., S. F.
Architect—Smith O'Brien, 742 Market Street, San Francisco.
General contract to Buschke & Brown, 185 Stevenson St., S. F.
Plumbing to Monahan & Slavin, 1554 Fulton.
Electric Work to Central Elec. Co.
Cold Water Painting to P. J. Brickley 180 Jessie St., S. F.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

Contract Awarded.
STORE BLDG. Cost, $11,650
SAN FRANCISCO, SW Mission & Sycamore Streets.
One-story concrete store building.
Owner—B. Berry, 248 Russ Bldg., San Francisco.
Architect—J. G. Little Co.
Contractor—Diestel & Vezina, 248 Russ Bldg., San Francisco.

Figures To Be Taken in a Week.
STORE Cost, $40,000
SAN JOSE, S 1st and Fountain Sts.
Reconstruct 3-story and basement brick dept. store erect steel frame 2 elevators etc.
Owner—Max Blum.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
The present building will be all torn down except the outside walls.

Plans Being Prepared.
OFFICE ETC. Cost $750,000 approx
SAN FRANCISCO, Harrison, Steuart & Spear Sts. 275 x 276.
Five or 6-story reinforced concrete office, factory and warehouse bldg.
Owner—Hills Brothers (Coffee merchants).
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg. San Francisco.

Working Drawings Being Prepared.
OFFICE BLDG. Cost, $1,250,000
SAN FRANCISCO, NE Post and Mason Streets.
Twelve or fifteen-story class A Physicians and Dentists Office Bldg.
Owner—Medico-Dental Building Cptn.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg. San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Plans Being Figured.
ALTERATIONS Cost, $8000
SAN FRANCISCO, 22nd Ave. & California Street.
Alterations to flat and shoppe (alter. for store and remodel interior of flat).
Owner—Mrs. John E. Binnie.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

Completing Plans.
ALTERATIONS Cost, $8000
OAKLAND, 575 14th St.
Alterations to 2-story music store.
Owner—Rudolph Wurlitzer Co.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

Plans Being Prepared.
STORE Cost, $10,000
OAKLAND, 15th and Franklin Sts.
1½-story brick store building (asbestos shingle roof).
Owner—Thos. F. Williams.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Contract To Be Awarded.
STORE ETC. Cost, $175,000
OAKLAND, Alameda Co., Cal., Downtown district.
Three-story reinforced concrete store loft and dance hall building.
Owner—M. F. Smith
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Low Bidders—Schuler & McDonald, 308 12th St., Oakland.

KING'S
ORIENTAL
STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St. San Francisco

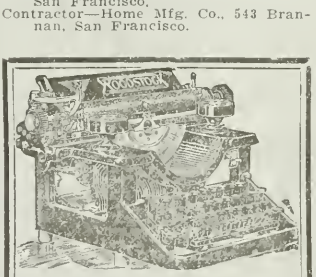
Contracts Awarded.
BANK Cost $—
VALLEJO, Solano Co., Cal., Georgia St. in the 300 block.
One-story and basement reinforced concrete and steel bank (terra cotta exterior).
Owner—Central Commercial Bank.
Architect—Herman Safe Co., 216 Fremont St., S. F. & W. A. Jones, Vallejo, associated.
Contractor—Larsen-Siegrist Co., Claus Spreckels Bldg., S. F.
Bids were as follows on the general contract:
Larsen-Siegrist Co., S. F. $75,977
C. W. Heyer Jr., S. F. 84,700
R. W. Moller, S. F. 85,295
Robt. Trost, S. F. 86,617
Cavalo & Lamb, Vallejo..... 91,980
Barenchi & Paganini, Vallejo.. 92,813
Taylor & Goericke, S. F..... 94,770
Alfred Vogt, S. F. 94,843
Heating & Ventilating
Awarded to Scott Co.....$6582
Excavating
McGill, Vallejo (completed).....
Interior marble, bronze, electric clock, decorating, light fixtures, etc. will be awarded October 22nd.

General Contract Awarded — Sub-Figures Being Taken.
REMODELING Cost, $40,000
SAN LEANDRO, Alameda Co., Cal.
Remodeling bank.
Owner—State Bank of San Leandro.
Architect—Herman Safe Co., 216 Fremont St., San Francisco.
Contractor — Geo. Peterson, San Leandro.
Bids are being taken for the marble, work, bronze work, light fixtures, decorating etc. Contracts to be awarded next week.

Permit Applied For—Sub-Figures To Be Taken .
BANK & STORE BLDG. Cost, $50,000
OAKLAND, W College Ave. at Shafter Avenue.
Two-story concrete bank and store building.
Owner—Bank of Italy, 550 Montgomery St., San Francisco.
Architect—H. A. Minton, 550 Montgomery St., San Francisco.
Sub-figures to be taken by Wm. Cuneo, 550 Montgomery, manager of construction.

Bids In and Under Advisement.
BANK & OFFICE BLDG. $1,000,000
FRESNO, Fresno Co., Cal., Mariposa & J Streets.
15-story class A bank and office bldg.
Owner—Pacific Southwest Trust and Savings Bank.
Architect — R. L. Felchlin, Patterson Bldg., Fresno.
It will take about a week to tabulate the bids, therefor the lowest bidders can not be given at this time.

Contract Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, 41 Stockton St.
Change store front; rearrange interior of bakery and restaurant.
Owner—Chas. A. Hellwig, premises.
Architect—A. G. Schulz, Phelan Bldg., San Francisco.
Contractor—Home Mfg. Co., 543 Brannan, San Francisco.



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

LOS ANGELES, Cal.—Archts. John C. Austin and Frederick M. Ashley, 1125 Detwiler Bldg., and Archt. Lyman Farwell, associated, have prepared preliminary plans for a 14-story class A office bldg. to be erected at the s.e. cor. of 9th and Hill Sts. by Birch Co., 108 N Larchmont Blvd. for a local syndicate. The bldg. will be 145x159 ft. and will contain 10 stores and 350 offices.

LOS ANGELES, Cal. — See "Apartments," this issue.

SAN FRANCISCO—See "Residence," this issue.

LOS ANGELES, Cal—Ransford-Globe Co., 1643 Highland Ave., has the contract to erect a 2-sto. brick store bldg. on Hollywood Blvd. near Hudson Ave. for Lele B. Elliott. Dimensions, 60 by 110 ft., brick walls, press. brick and terra cotta facing, plate glass, comp. rfg., metal skylights, cem. and wood fls.; $42,000.

LOS ANGELES, Cal.—Merchants National Bank, 6th and Spring Sts., have had plans prepared and have taken bids for a branch bank, store and office bldg., to be erected at n.e. cor. Washington and Main Sts., for themselves; it will contain 5 stores, 11 office suites and branch bank. Brick and conc. const. 1-story and part 2-story, terra cotta exter. walls, granite base, reinf. conc. inlets, 60x137 ft., comp. rfg., metal skylights, reinf. conc. vault, safety deposit dept., marble fl. in banking space, part basement, plate glass, cement and hardwd. fls., copper store fronts, bronze grille, tile toilets. Joseph Weston, Hollywood Security Bldg., archt.

LOS ANGELES, Cal.—Archts. Morgan Walls & Morgan, 1124 Van Nuys Bldg., are preparing plans and remodeling the store room at n.e. cor. of 6th and Main Sts. for Germain Seed Co. Work will include a mezzanine floor of steel and concrete construction and interior partitions and alterations; $50,000.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., has completed plans for a 5-story and basement class A mercantile bldg. to be erected on east side of Broadway between 6th and 7th Sts. for Columbia Investment Co. It will be occupied by Desmond's. Dimensions 62x154 ft., steel frame, brick walls, terra cotta facing, plate glass, reinf. conc. flrs, hardwd. trim, marble and tile work, elevators, steam htg.; $500,000, bids will be taken this week.

LOS ANGELES, Cal.—Archt. Chas. F. Plummer, 1108 Story Bldg., has completed plans for a 3-story and basement class A store and general market bldg. to be erected at s.w. cor. 7th St. and Union Ave. for Young's Market Co. It will contain stores, main offices and central market, bakery and shipping departments of Young's Market Co. Dimensions, 150x140 ft., steel frame, brick walls, granite and Bedford stone facing, reinf. conc. flrs, and roof slab, plate glass, metal store fronts, marble and dtile work, terrazzo flr, freight and passenger elevators, steam htg., refrigerating system; $500,000. Bids will be taken this week. (45900) 1st report April 10; 3rd Sept.

CROWE
GLASS
CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

LOS ANGELES, Cal.—L. A. Bldg. and Contr. Co., Marsh-Strong Bldg., has been awarded the general contract at $66,500 for a branch bank, store and office bldg., to be erected at n.e. cor. Washington and Main Sts. for Merchants National Bank; will contain 5 stores, 11 office suites and branch bank. Joseph Weston, Hollywood Security Bldg., archt. Brick and concr. constr., 1-story and part 2-story, terra cotta exter., granite base and bank entrance, comp. rfg., reinf. conc. lintelt, 60x137 ft., reinf. conc. vault, safety deposit dcpt., metal skylights, and wire glass, part basement, marble fl. in banking space, cement and hardwood fls., copper store fronts, tile toilets, bronze grille; cost $110,000.

THEATRES

Plans Being Figured.

THEATRE Cost, $—
MORGAN HILL, Santa Clara Co., Cal.
One-story hollow tile motion picture theatre.
Owner—Withheld.
Architect — Miller & Warnecke, Perry Bldg., Oakland.
Figures are being taken for a general contract.

Sub-Figures Being Taken—To be Done by Day's Work.

THEATRE, ETC. Cost, $45,000
SAN FRANCISCO—S Third St. 41-3 N Quesada.
Class A theatre and store building (cement exterior and tile roof).
Owner—Otto Roeder.
Architect—Chas. F. Strothoff and Gustave Stahlberg, 2274 15th St., S. F.

SANTA BARBARA, Cal.—Archt. Geo. W. Smith, Santa Barbara, and E. L. Mafberrf, engineer, 472 Pac. Elec. Bldg. L. A., are preparing new plans for a community playhouse to be erected at Santa Barbara for Community Arts Association. Reinf. conc. and hollow tile construction; cost $100,000.

WHARVES AND DOCKS

MONTEREY, Monterey Co., Cal.—Chamber of Commerce committee will confer with city council regarding construction of new concrete municipal wharf on Monterey waterfront. H. D. Severance, City Eng.

LOS ANGELES, Cal. — Bethlehem Shipbuilding Corp. announces through O. B. Kibele, mgr., that $1,500,000 will be expended on the Los Angeles harbor plant of the company. Plans include a $500,000 drydock, and slips. J. J. Tynan of San Francisco, vice-pres. and Pacific Coast mgr. of the Bethlehem Corp., has approved the plans.

MISCELLANEOUS BUILDING CONSTRUCTION

CLAREMONT, California.—American Crushed Rock Co., 622 American Bank Bldg., Los Angeles, plans to erect ruch crushing gravel plant on a 171-acre tract in the Peter Fleming Estate in the San Antonio Wash, bet. Foothill Blvd. and Cucamonga Ave., 165 acres in Los Angeles county and 6 acres in San Bernardino county, on the route of the Santa Fe Ry. The plant, which will cost $150,000, will have a daily capacity of 60 cars. It is expected that the plant will be in operation about December 15.

SACRAMENTO, Cal. — Corning DeSaules, City Controller, will sell at public auction, Oct. 25, 2 second hand steel vault doors. Further information obtainable on request.

SACRAMENTO, Cal.—Until Nov. 1, 12 M., bids will be rec. by State Board of Control, State Capitol Bldg., Sacramento, for the sale and disposition of the old state printing plant at Fifteenth and L streets, comprising a three-story brick and frame building, a one-story warehouse together with several galvanized iron additions and sheds. Further information obtainable from above.

SAN DIEGO, Cal.—T. C. Kistner Co., archts., 616 Pantages Theatre Bldg., and 573 Spreckels Bldg., San Diego, have completed plans for a 1-story and part 2-sto dormitory bldg to be erected at San Diego for the Helping Hand Society. It will have sleepingrms., kitchen, diningrms., ets. Hollow tile walls plaster exter., 1-story and part 2-story, cement and hardwd fls., comp rfg., steam htg. sys., O. P. trim; $50,000. The project will not mature before Jan. 1st, as the funds will not be raised before that time.

MADERA, Cal.—Brown & Stafford, general contractors of Madera, Cal., have dissolved partnership, F. M. Stafford having sold his interest to R. W. Brown, who will continue the business, operating under the name of R. W. Brown Construction Company.

SAN DIEGO, San Diego Co., Cal. — Plans will be ready about Nov. 1 on the new Fine Arts bldg. which will be erected in Balboa Park by Mr. and Mrs. A. S. Bridges, who will present the bldg to the people of San Diego. The proposed bldg. will be of reinf. conc. and designed to conform with the architecture of the present park bldgs. Est. cost $300,000. The plans will be submitted to Mr. Bridges for approval before bids are advertised.

SAN PEDRO, Cal. — General Petroleum Co. will erect 4 additional 80,000-bbl. storage tanks on Terminal Island, near the Bethlehem shipyard. Nineteen ft. firewalls are being constructed around them.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Foreign and Domestic Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-867—Modesto, Calif. Party is in market to purchase pleating machines.

D-868—Salt Lake City, Utah. Party desires to get in touch with glass companies. Has Silica sand for sale which assays 93% silica. Also wishes to get in touch with paint companies; ros some brown mineral paint that assays 60.3% iron oxide.

D-872—Grinnell, Iowa. Manufacturer of washing machines desires to get in touch with live-wire distributor.

D-874—Hollywood, Calif. Party desires to establish a selling organization with the object of selling Eastern made goods in the West and Western made goods in the East. Will be very glad to furnish banking references and further information to anyone who might become interested in proposition.

D-876—Bellingham, Wash. Specialty Company desires to get in touch with manufacturers of automobile accessories seeking distribution of their products.

D-878—East Stroudsburg, Pa. Party desires to get in touch with sales agents who cater to hardware stores who may be interested in handling a line of bathroom accessories.

7572—Hamburg, Germany. Exporters of iron and steel ware, machinery, electrical articles, wooden, glass, etc. desire a local market for their merchandise.

7573—San Juan, Porto Rico. Firm of commission merchants desires connections with manufacturers and exporters dealing in manufactured goods, greases, oils, lumber, and all products demanded in the Porto Rican market.

7585 — Melbourne, Australia. Gentleman desires to obtain the agency from San Francisco firms for office equipment, gasoline, and carbide, for the Australian territory.

7591—Chinandega, Nicaragua. Firm of engineers and merchants is in the market for second-hand cinematograph machines, apparatus and supplies, new and second-hand dynamos for above, second-hand marine stationary gasoline and crude oil engines, electrical apparatus, dynamos, etc.

7593—San Francisco, Cal. A Japanese business man wants a connection with reliable firm as sales agent in Japan for building materials.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE. WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

Leads for Business

HARNESSMAKERS—Cosbie & Lawless, 1555 Folsom.
HOTEL—A. Gigot and H Couture buying Amador Hotel, 301 Columbus Ave. October 22.
Victor Anderson buying Outside Inn Hotel, 2524 Lombard.
ICE CREAM—Royal Velvet Ice Cream Parlor, 510 Haight.
IMPORTERS—Barrios Octavio & Co., 112 Market.
Lap Lap Importing Co., 433 Grant Ave.
Tozai Trading Co., Marvin Bldg.
Tom Yom Co., 617 Montgomery.
INSURANCE—West Coast Life Ins. Coo Branch, 3004 16th.
INVESTMENTS—Atlas Investment Co., 1161 Market.
The Cornelius O'Connor Co., and J. J. Whalan, 240 Montgomery.
JEWELERS — Steffen Bros., 2146 to 2120 Mission.
M. Emanuel, 96 Third.
LABORATORY SUPPLIES—Carl Koeltze (Scientific Supply Co.) 209 Post to 2780 California.
LADDERS—San Francisco Ladder Co., 1348 Valencia to 1224 Folsom.
LAUNDRY—City Rough Dry Laundry, 250 14th.
Economical Laundry, 3314 Army.
Crystal Laundry, 1700 Folsom.
LAW SCHOOLS—Blackstone Institute, 821 Market.
LUMBER—Sudden & Heitman Lumber Co., Fife Bldg.
J. M. Huddart Lumber Co. (R. M. Gardiner) 110 Market to Fife Bldg.
MACHINERY—C. W. Marwedel Warehouse, 76 1st to Ecket and Jessie. Cassidy-Otto Mfg Co. will have building erected opposite present location 952 Folsom.
Tokheim Oil Tank & Pump Co., Sharon Bldg., to 524 2nd.
MFRS. AGENTS — Myers & Schwartz (90 New Montgomery) opening warehouse 63 Bluxome.
J. H. Mulerin, 681 Market.
I. E. Thayer & Co., Marvin Bldg. to 215 Market.
Geo. P. Theller and R. M. Chaplin (Maurer, Washburn &Gondon and National Leather Co.), 625 Market to St. Clair Bldg.
MARBLE AND GRANITE—A. H. MacNutt Marble & Granite Works, Pacific Marble & Granite Works, (Chas. J. Trenoff) 1377 Valencia to 1275 Fiolsom.
MARKETS — New Laguna Market (Giacomelli & Malpiede, meat) 3023 Laguna.
Grand Pacific Mafrket, 5450 Geary.
MEAT PACKERS—Roth Winter & Walsh, 1271 Mission to 370 Townsend.
MUSICAL—Granada Music Shop (Mark Goodman, 1072 Market
NOTARIES — Orah M. Nichols, 306 Crocker Bldg. to 564 Market Nov. 1
OIL—American Petroleum Corp., 343 Sansome to 201 Sansome.
OPTICIANS—W. L. Saphiro, 2124 Mission.
OYSTERS—Ed's Parlor, 1600 Dolores.
PRODUCE—S. Traversaro, 430 Davis.
PUBLISHERS — Ramsey Oppenheim, 821 to 564 Market November 1.
RAZOR STROPS — J. S. Torrence, 9 Main to 103 Main.
REAL ESTATE—S. Salomon & Co., 760 to 564 Market November 1.
M. U. B. MacAdam, 58 Sutter to occupy new building about 51 Sutter.
M. Breitman, 109 Montgomery.
State Realty Co. (Louis Minck) Chronicle Bldg. to 1650 Divisadero.
California Fig Orchards Inc. (J. H. Gorman) 760 Market.
M. D. Ferrera, Sentinal Bldg.
RESTAURANT — Washington Restaurant 386 3rd.
John Morris, 15 7th.
Vincent Tamaro, 3274 24th.
State Teachers College Cafeteria, Waller and Buchanan.
J Shinohara buying Original Restaurant, 648 Pacific Avenue.
SEWING MACHINES — Pacific Appliance Co., 2112 Mission.
SIDEWALK LIGHTS—Pacific Sidewalk Light Co. (J. A. Fitzgerald) 252 Lobos.
SIGNS—Card Sign Shop (C. Wolfe) Grand Building.
STOVES AND RANGES—Geo. M. Clark & Co. (Jewel) 86 3rd.
TAILORS—M. Miller (pants) Wilson Bldg. to 709 Mission.
Adams & Allegri, 21 Taylor.
T. Shagechi, 1604 Geary.
C. W. Miller, was Ben Herman) 902 Pine.
S. Bernard, 854 Geary.
Henry Leveridge, 209 Embarcadero to 28 Sacramento.
Berkowitz & Liff (pants) 935 to 964 Market.
S. Lalagune, 861 Kearny.
Korean Tailors, 812 Post.
Diamond Theatre Co. (incorporated $10,000) M. A. Naify can be reached via T & D Jr., Enterprises, 150 Leavenworth.
MISCELLANEOUS—J C Hughes (State Ice Cream Assn) 564 Market Nov. 1.
Fisher Finance Corp. (incorporated $100,000) See Wm. E. Fisher, 724 Van Ness Avenue.
Pacific Tel. & Tel. Co. to occupy several floors new Finance Bldg. next to Hobar Bldg.
Multistamp Sales Co., 833 Market.
W. A. Griffin, 760 Market.
Jefferson System, Grant Bldg.
American Crayon Co., 45 2nd.
Maurice Browne, Hewes Building.
Engraver Co., 157 7th to 1128 Howard
School of the Arts of the Theatre, Hewes Building.
Shanghai Domino Co., Call Bldg.
Galapagos Cooperative Colony, Williams Bldg.
Minute Men of the West (with Geo. F. Owens) 681 Market.

LEASES — Sept. 19, 1923, Gracieuse Idiart to Pierre Hidondo and Jacques Urzainqui, Bon Gont Restaurant 1230 Powell st 5 yrs $3000.
Sept. 15, 1923. Mary A Fritz to J E Cullen, W C Maushardt and C E Rankin, S Ellis 137-6 W Mason W 137-6 x 137-6 15 yrs $2000 per mo etc.
Oct. 12, 1923, Genevieve P Anderson to M Susumi, SE cor Stockton and Sacramento sts 760 Stockton st 120 mos $25,800.
Nov. 1, 1923, James H Dignan to Willt Boernsen and Louis Grundwick, S Geary 75 E 17th ave 5237 Geary st 3 yrs $1800.
ASSIGNMENTS OF LEASES—Oct. 17, 1923. Wm Eltringham or J Wallman to Wm Davis, A K Williams and Fred Peterson, NE cor Sacramento & Fillmore sts 5 yrs.
Oct 17, 1923. Wm Eltringham or J Wallman to Wm Davis, A K Williams and Fred Peterson, 618 o r 442 NE corner Fillmore and Sacramento sts 2200 Fillmore 4 yrs.
ASSIGNMENT OF LEASE AND CHATTEL MORTGAGE—Oct. 11, 1923, Geo. A and Nellie Brown Clough to Edwin C Hegler, 760 o r S SE Jessie 161-3 SW 6th SW 31-3 x SE 75.
CANNERIES—J. F. Butts Co., 2 Pine, announce change of name to Isleton Canning Co.
ADVERTISING—D. T. Prenter, 58 Sutter.
J. S. Haley, 620 Market.
Nathan Advertising Agency (F. L. Perkins, mgr.) Phelan Bldg.
APARTMENTS — Jacob Pogrebmak buying Iris Apartments, 1655 Leavenworth. October 19.
ARCHITECTS—M. A. Schmidlin and M. A. Sheldon, French Bank Bldg. to 681 Market.
ARMY SALVAGE STORES—Greenberg Bros. & Sugarman of L. A. opening Spear November 1st.
J. B. Greenberg at Palace Hotel.
ART METAL—Jauchen's Old Copper Shop, 1391 to 969 Sutter.
ARTISTS—Gillies & Adams, 681 Market
ATTORNEYS—G. S. Arnold, 1 Montgomery to 41 Sutter.
Jared How, Mills Bldg. to 41 Sutter soon.
Nathan M. Moran, 721 First Natl. Bk. Bldg. to 41 Sutter.
E. T. McMurray, 26 Montgomery to 564 Market, November 1st.
F. V. Stover, 1161 Market.
AUTOMOTIVE—Mary E. Crawford to buy Granada Garage, 256 Turk.
Avenue Auto Rental Co., 418 Golden Gate Ave.
Automotive Accessories Co., Ensign Carburetor Co., Electric Vehicle Co. (trucks) 1583 Bush.
Julius Brunton & Sons Co. (battery service) 154 Columbus.
Guarantee Sales & Auto Rental Co., 321 Van Ness Ave.
Market St. Auto Rental Co., 1460-Market.
L. E. Eddleman (garage) 333 Jones.
R. N. Roach Co. (tools) Rialto Bldg.
Brunswick Tire Corp., 650 2nd.
Jos. Wolking (garage) 730 Ellis.
BAKERIES—Mary Orthober (1350 23d) to buy Richelieu Bakery, 1000 Guerrero. October 19.
BARBERS—Harry Duran, 1005 Bush.
BEAUTY PARLORS—Specialty Beauty Shop (Bertha Alexander, Mrs. Dodge) 512 Clement.
BROKERS—Van Vliet & Co., 112 Market.
Geo. D. Shadburne (loans) 681 to 564 Market.
C. A. Edwards (import) Kohl Bldg.
BUILDING DIRECTORIES — Building Directory Co. (Mark Roth) and Greenwood Co., 660 Market St. to Heineman Building.
CANDY—Mrs. Eleanor Walsh, 3599 24th to 1549 Dolores.
Mrs. P. Noodleman, 4500 18th.
Eline's Chocolates, 215 Market.
CARPET CLEANING — Sunset Carpet Cleaning Works, 40 Eldridge.
CHINESE MERCHANDISE—Gin Lung & Co., 805 Grant Avenue.
CIGARS—P. H. Burns, 137 Turk.
Wm. Davis et al to buy stand NE Sacramento and Fillmore, Oct. 18.
Vincent Barsotti, 506 Gough.
CLEASING & DYEING — Onondaga Dyeing & Cleaning Works, 4797 to 4849 Mission.
Korean Tailor, to 1313 Mason.
Y. Hisashima, 1509 Hyde.
CLOTHING—Sam Finkelstein & Co. (S Shirek) 821 Market.
M. Rosenfeld, 135 5th.
M. Aronson (2nd hand) 695 Mission.
COMMISSION—Leutzinger & Lane, 324 Drumm to 76 Clay.
Jones & Pettigrew, 324 Drumm.
CREDIT RATINGS—Golden Gate Credit Exchange, Chronicle Bldg.
DAIRY PRODUCE — P. Lerner Co. to 328 Clay.
DECORATOR—J. C. Pugh, 1315 Howard
Bach & Korn, 4618 3rd.
DENTAL SUPPLIES—Bjorn Jorgensen & Co., 2780 California.
Dr. P. S. Haley, 135 Stockton to 889 Geary.
DESKS—J. Blumberg to buy retail desk business 779-781 Mission, Oct 18
DRAYAGE—Fillmore Transfer Co, 2190 Bush.
Lee Ming Transfer Co., 39 Spofford to 1064 Stockton.
DRESSMAKERS—Mrs. P. Fambrini, 805 Union.
ELECTRICAL—Crescent Electric Supply Co. to 161 7th.
Electrical Development Co. of California, Underwood Bldg.
North Beach Electric Co. (J. J. Joseph) 1318 Polk St.
EMPLOYMENT AGENCIES—Nora Judge, 564 Market St.
ENGINEERS — F. R. Lawton (const.) Chronicle Bldg.
FINANCE—Merchants Law & Finance Co. (A. W. Higgins) 155 Montgomery to 564 Market—Nov. 1.
FLOOR POLISHING—Derrickson Floor Polishing Co., 922 Ellis to 2471 Sacramento.
FLOORING—Orion Hardwood Floor Co. (C. W. Seely) 422 Presidio Ave.
FLORISTS—Cadwalder Florist Store, 1534 Mission St.
FOOD PRODUCTS—F. E. Davis, 220 Montgomery to 58 Sutter.

FRUIT—Nosler Fruit Co., 425 Front.
GOWNS—Francis Paris, 210 Stockton.
GROCERS—H. T. Sovle, 215 Detroit.
Republic Grocery, 1862 Divisadero.
Moretti Corrado & Co., 400 Bay
A. L. Annandale, bought 1559 Hyde.
S. Seike, bought 521 3rd.
H. Bearwald, 2601 Diamond.
E. A. Bassetti, 1141 Folsom.
Joe's Grocery, 1198 Pacific.
LEASES—Store about 68 Eddy probably leased.
Aug 22, 21—Mrs. M. M. Twombley to Dora Kearns—N Eddy No. 130 48 mos $300 per mo.
Oct. 13, 23— Great Western Power Company of California to Edwin S or E. S. Katz—229 Post st bet Grant av & Stockton 8 yrs 6 mos 12 days $109,316.65.
LEATHER DRESSINGS — Western Leather Dressing Co., 565 Folsom to 1861 Mission .
LUMBER—Paramino Lumber Co., fitting up additional offices expanding to 10th floor Fife building.
McCullough Fagan Lumber Co., 112 Market to 9th Floor Fife Building.
Western States Lumber Co., to 9th floor Fife Building.
Jones Hardwood Co., 16 California to 485Beale.
Henry Hess Co. ($1,000,000) corporation) with Sudden & Christenson. 230 California.
MACARONI—Gragnano Products Inc., 823 Valencia to new factory 956 Bryant.
MACHINE WORKS—Christie Machine Works, 191 Fremont to 222 Howard.
MACHINERY—C. A. Henshaw (conveyors) 139 Spear to 429 Matson Building, November 1.
Cleveland Electric Tramrail Co., St. Clair Building.
Walker Electric Truck Agency, Wells Fargo Building.
MFGRS. AGENTS—I. E. Thayer & Co., Marvin Building to 1029-30 Matson Building.
Western Sales Co., 35 Montgomery.
MARKETS — Copper Country Market, 2893 Mission.
MATCHES—Ohio Match Co (E. W. Allen) to open 406-407 Matson Building November 1.
MILLINERY—Simon Millinery Supply Co. (Meadowbrook Sport Hats) 883 Market leased two upper floors 985 Market.
Luxor Millinery & Dress Shop, 667 Geary.
NOTARIES—Miss Katherine Hallahan, 639 Mills Building to 412 Matson Building.
OPTICIANS—R. A. Gamble, 2561 Mission to 3224 22nd.
PHONOGRAPHS—Schwerin & Canepa, 406 Sutter.
PHOTOGRAPHERS—H. P. Fisher to open 165 Post.
PHYSICIANS—Dr. H. C. McClenahan, 135 Stockton.
Dr. D. B. Domb, 406 to 391 Sutter.
PLUMBING—Jas. Cally, 432 to 416 Divisadero.
PNEUMATIC EQUIPMENT—U. S. Air Compressor Co. formerly 500 Van Ness Ave., to be handled by Harron Rickard & McCone, 139 Townsend.
Westinghouse Pacific Coast Brake Co., 65 Market to 1101 Matson uldg.
PRINTING — Richard Meschke, 1527 Pine.
Multigraph Printing Co., Marvin Bldg., to 418 Matson Building.
Merchants Lithograph Co. (Incorporated $125,000) 1177 Howard.
Economical Printing Co., 1180 McAllister.
PRODUCE—Hamilton & Co., 325 Davis.
PUBLISHERS — Designer Publishing Co. and Butterick Publishing Co., Hansford Building to 350 Mission.
RADIO—E. A. Portal Co., 463 Geary
REAL ESTATE — Berkeley Water Front Co. (John Spring) 1 Drumm.
Haines & Co., 4871 Mission.
J. P. Martin & Co., 235 Montgomery.
Star Realty Co., 247 9th.
Bay Counties Realty Co. (Incorporated $100,000) Melville G. Franklin. Chronicle Building.
Costello Realty Co., (F. J. Costello) 58 Sutter.
REED AND RATTAN WORKS — Jacobson Rattan Works, 412 14th.
RESTAURANT—Nick Derehitis buying 2954 16th, October 29.
Geo. C. Cohn to buy L. & S. Coffee House, 65 6th October 27.
G. G. Kourelis, 405 Eddy.
Russion Hill Tea Shop, 1001 Vallejo.
Tom's Coffee Club, 209 6th.
Ever Fresh Box Lunch Co, 621 Washington.
Original Boston Beanery, 285 6th.
RICE & SUGAR—A. A. Brown & Co., Hind Building to 112 Matson Bldg.
RUGS—Oriental Rug Co., 323 Sutter.
LEASES—Aug. 18, 1923—Union Trust Co. of San Francisco and John T. Harmes gdns estate Eric Leon Treadwell incmpt to Bernard Harris and Joseph Rude as The Harris Co—N Mission bet. 1st and 2nd Sts., Nos. 508-510 Mission St., 5 years. $12,000.
Sepa. 20, 1923—William and James Varni to B. Caterini—5108 Mission St. 4 years 6 months, $38 per month.
Aug. 20, 1923—Frank H and Freda W. Ames to Henry W. Bode—E Valencia 65 S 24th S 155 x E 117-6 M 1; 176, 6 years, $18,000.
Oct. 15, 1923—Peter Janakas to Louis Liebert—2496 San Bruno Ave., 2 yrs. $35 mo. and option to renew.
Oct. 10, 1923—George J. and Albert E. Sweetser to Sam and Laura Rabinowitz—2282 24th St., 3 yrs. $2340.
ACCOUNTANTS—W. J. Young and A. V Travis, 485 California.
Chas Usinger, 310 Sansome to 401 Matson Bldg.
APARTMENTS—Clara Hill leased Ardmore Apts., 1525 Clay.
ARCHITECTS—J. C. Thayer, Claus Spreckels Bldg.
ARTISTS—A. R. Wallace, 821 Market.
ATTORNEYS — L. D. Hargis, Claus Spreckels Bldg.
S. B. Whitwell, 1 Montgomery to 41 Sutter.
Bar Association, Pacific Bldg. contemplates change of quarters.
AUTOMOTIVE — Wm. Staller to buy Monarch Garage, 1361 Bush, Oct. 26.
Mamlock Bros. (garage) 299 Claremont.
Liberty Spark Plug Co. (N. W. Schmitt) 1191 Stanyan.
R. L. Brown (shop) 757 Folsom.
Harbor Auto Repair Co., 21 Clay.
Madigan & O'Dia (shop) 440 Valencia
Manila Auto Service, 848 Kearny.
Rickenbacker Co. (sales dept.) American Bank Bldg.
BAKERIES—Ye Liberty Bakery (Arthur Price) 638 Irving.
Morgan & Cahill (West Portal Bakery) 33 West Portal.
Dubocc Bakery, 704 14th.
Wm. E. Gootz to buy 2933 24th.
Mary Orthober (Apple Blossom Bakery) 1000 Guerrero.
Mission Cracker & Biscuit Co., 2853 Mission.
Olden's, Union and Hyde.
BANKS — Mercantile Trust Co. (464 California) to open branch ground floor Matson Bldg.
BEAUTY PARLORS—Mrs. Lulu Barish, 976 Valencia.
Winifred's Beauty Parlor, 612 O'Farrell.
Mrs. Peggy Carlson, 406 Sutter.
Claremont Beauty Shop, 286 Claremont.
Edna Duchi, 2883 Mission.
BLUE PRINTS—Strecker Blue Print Co., 118 Sansome to 142 Sansome.
BRAID AND TRIMING—Castle Braid Co., 742 Market.
BROKERS—H. C. Morehouse, Hearst Bldg.
J. S. Coates, 328 Sacramento to 149 California.
R. J. Murphy (beans) 204 Sacramento to 149 California.
BUILDING MATERIAL — Pig Tail Staple Co. (519 California) opened factory 115 Stillman.
BUILDING WRECKERS-Dolan Wrecking Co., 6949 Mission.
CAMERAS—American Camera Co (Murray Sullivan) 681 Market to 240 California.
CANDY—Wm. Schmick to buy 879 Bush October 27.
Saml Morris, 881 Sutter.
Ethel Scott, 1901 Hayes.
Eline's Inc. (chocolates) 1025 Matson Bldg
Forget Me Not, 601 Kearny.
CANNERIES — Hawaiian Pineapple Co., 112 Market to 1422 Matson Bldg. soon.
CEMENT—California Concrete Work Co (D. Piombo) 8 Avery.
CHIROPODIST—Maurice N. Mattson, Hewes Bldg.
CHIROPRACTORS—F. J. Oakes to 1026 Market
CIGARS—General Cigar Co. to open stand in lobby Matson Bldg.
F. A. George to buy 1118 Fillmore, October 27.
Portola Cigar Co., 1859 Powell.
CLEANING & DYEING—Spic-n-Span Cleaners, 1026 Pine.
Alexandria Cleaning Works(M. Brown) 1624 Geary.
Grahams Renovatory, 2804 Greenwich
CLOAKS & SUITS — Mrs. H. Jacobs (The Marquise) 1045 to 1031 Market.
CLOTHING — Maurice Rosenthal, 19 Battery to buy Barney Frankel business, 970 Market and 2782 Mission, October 25th.
Union Clothing Co., 83 3rd.
COFFEE—Wholesale business to open 1-29 Drumm.
COMMISSARY CONTRACTOR — M. C. Threlkeld, Phelan Bldg. to 409-11 Matson Bldg.
COMMISSION — Alexander & Baldwin Ltd., Alaska Com'l. Bldg. to 13th floor Matson Bldg
Welch & Co., 244 California to 1401 Matson Bldg. soon.
American Factors Ltd., 310 Sansome to 1115 Matson Bldg. soon.
CONTRACTORS—S. A. Born Bldg. Co., 660 to 681 Market.
CONTRACTORS' EQUIPMENT — Contractors' Equipment Co. to Balboa Bldg.
DECORATORS—Decorative Art Studios (Bert Haseltine) 259 Geary.
Mrs M. A. Fields (interior) 2600 Sutter to 2414 Mission.
DENTISTS—E. A. McEvoy, 430 Castro.
H. H. Bjornstrom, 135 Stockton.
Rohrer Dental Laboratory, 1095 Market.
DRAYAGE—Jenny & Schade, 306 Leavenworth.
DRESSMAKER—R. H. Carter, 570 Castro.
DRUGS—Ralph S. Hibbard to buy Wynne's Pharmacy, 2599 Folsom, October 29.
Upjohn Co., 585 Mission to 199 First.
DRY GOODS — R. M. O'Neill(1689 Church) 2862 24th
EMPLOYMENT AGENCIES — Maude Gilbert's Intelligence Agency, 444 California to Royal Ins. Bldg.
ENGINEERS—Beckman-Linden Corp. and Bissell & Sinnicks, 605 Market to 458 Brannan.
Bay Construction & Engineering Co., Claus Spreckels Bldg.
A. Heise (mining) Claus Spreckels Bldg.
FACTORIES—Archts. Fabre & Hildebrand to erect 2-story factory (4100 square feet) available for desirable tenants.
FEED—A. W. Scott, 112 Pine to 314-318 Matson Bldg.
FERTILIZER—Pacific Guano & Fertilizer Co., 114 Sansome to 1226 Matson Bldg., soon.
FINANCE—Surety Finance Co. and Peoples Finance & Thrift Co. (E. D. Fillsbury and W. E. Morris) 1151 Market.
Pacific States Auto Finance Corp., 332 Pine.
FRUIT—Noyo Grape Packing Co., 620 Market.
FURNITURE—Right Way Upholstering & Furniture Mfg. Co., Inc., 2700 Geary.
Jos. Toff et al to buy Argyle Furniture Co., 1646 Ellis.
Flash Furniture Co., 1955 Chestnut.
L. E. Bridgford (refinisher) 745 Lincoln.
FURRIERS—B. & M. Cohn, 830 to 742 Market.
Felder-Gale Co. (raw furs) 576 Sacramento to 38 Sansome.
J. L. Powell Co. (incorporated $100,000) 742 Market.
Becker Bros. & Co. (E. C. Alyea) 259 Geary.
Zivian & Gerson, 133 Geary.
GROCERS—Leva Italian Grocery, 1773 Market.
L. Pardini & Co., 520 Washington.
Ernest Veroni buying 198 Collingwood, October 26.
Adolfo Bagnani and Emilio Magnont to buy Jersey Creamery (grocery and fruit business) 2110 Fillmore, Oct. 27.
HARDWARE—Gregory & Handu, 3145 Geary.
HEATERS — Waterman & Green, 228 Fulton.
HOTEL — Geo. S. Fall to buy Hotel Rood, 740 Howard.
IMPORTERS—Tung Foon Co., Marvin Bldg.
INCORPORATIONS—Winsett Way & Co. (incorporated $200,000) 1151 Market.
Flatopa Binding Corp., 535 Sacramento.
INSURANCE—H. A. Dutton, Claus Spreckels Bldg.

Official Proposals

NOTICE TO CONTRACTORS

(Reclamation District No. 1660)

Sealed bids will be received by the Trustees of Reclamation District No. 1660, at the office of said district, Room 301, California Fruit Building, Sacramento, California, up to the hour of 10 o'clock, A. M. October 23rd, 1923, for the construction of drainage ditches in said District, requiring excavations of 1,000,000 cu. yds., more or less, and in full conformity with the provisions of the specifications governing said work now on file at the office of said District, and at the office of J. C. Boyd, 803 Forum Building, Sacramento, cal.

Each bid must be accompanied by a certified check, cash or bond, as provided for in said specifications, and in the sum of Ten Thousand ($10,000) Dollars, as a guarantee of good faith.

By order of the Trustees of Reclamation District, No. 1660.

J. C. BOYD,
Engineer for Said District.

NOTICE TO CONTRACTORS

Merced Irrigation District—Exchequer Dam Project)

Notice is hereby given that sealed proposals for the construction of the Exchequer dam across the Mercer river at Exchequer, Mariposa county, California, together with appurtenant works, will be received by the Board of Directors of Merced Irrigation District at its office in theBarcroft Building, in the City of Merced, State of California, at any time **up to 11 o'clock A. M. of Thursday, November 8, 1923,** at which time and place all bids so received will be opened in public by said board. Thereafter said board will let said work to the lowest responsible bidder, but said board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

The work for the doing of which proposals are hereby invited is the construction of said dam and appurtenant works, in accordance with the specifications and drawings therefore, requiring if completed to the full height shown in the drawings about 60-000 cubic yards of excavation, largely in rock, the placing of approximately 300,000 cubic yards of concrete and about 600 tons of metal work, together with other related features, as set forth in said specifications and drawings, but the district reserves the right to stop the work before the dam is completed to said full height. Bidders are therefore required to submit a unit price for placing concrete if the quantity should vary as follows: if 280,000 cubic yards or less, but more then 240,000; if 240,000 cubic yards or less, but more than 200,000; if 200,000 cubic yards or less, but more than 160,000; if 160,000 cubic yards or less, but more than 140,000.

The specifications and drawings aforesaid may be seen at said office of said Board in said City of Merced, or at the office of Theho, Starr & Anderton, Sharon Building, San Francisco, California. Copits of said specifications and drawings may be obtained at the office of said board upon deposit of $10.00 for each copy, said deposit to be returned to the successful bidder and to any others upon the return of the specifications and drawings in serviceable condition.

Any bidder to whom a contract for said work may be awarded must furnish bonds as provided by law, to-wit; a bond in the sum of at least one-half of the contract price to secure the payment of claims of materialmen, mechanics and laborers employed upon said work, and a bond in the sum of at least 25 per cent of the contract price, conditioned for the faithful performance of the contract.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rates 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Each bid must be accompanied with cash or a cashier's or certified check, payable to Merced Irrigation District, for an amount equal to not less than 5 per cent of the total amount of the bid as a guaranty that if the bid is accepted, the bidder will, within ten days after its acceptance, enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit, it will be assumed (without so guaranteeing) that the quantities will be as estimated in the specifications for the dam completed to the full height shown in the drawings.

All proposals must be on forms which will be furnished by the district at the office of said board, and must be in sealed envelopes, addressed to the Board of Directors of Merced Irrigation District, and marked to indicate that each is a proposal for the construction of said dam.

Dated at Merced, California, October 17, 1923.

By order of said Board of Directors.

A. L. COWELL,
Secretary.

NOTICE TO CONTRACTORS

(Gold Creek Jarbidge Highway)

Sealed proposals for constructing the above-named National Forest Highway, located within the Humboldt National Forest, County of Elko, State of Nevada, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 400 Bay Building, 9 Main Street, San Francisco, California, until **2:00 o'clock P. M. on the 9th day of November, 1923,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The project to be constructed consists of two portions of the Gold Creek-Jarbidge Road, located 3 to 16 miles north of Gold Creek and 75 miles north of Elko. The project is also accessible from Southwestern Idaho via Jarbidge and Rowland, Nevada. The length of the project is approximately 8.87 miles and the principal items of work are as follows:

Excavation—53,500 cu. yds.
Corrugated Metal Pipe—1660 lin. ft.
Timber Bridging—24 MBM.
Cement Rubble Masonry—300 cu. yds.

Construction shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer, which notice will not be given until weather conditions render it practicable to prosecute the work to advantage in the spring of 1924, and shall be completed within 150 weather working days after said notice to start construction has been given.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

400 Bay Building, 9 Main St., San Francisco, California.

Gold Creek Ranger Station, Gold Creek, Nevada.

Forest Supervisor, Elko, Nevada.

District Engineer, Bureau of Public Roads, Kiesel Bldg., Ogden, Utah.

The Bureau of Public Roads will furnish corrugated metal culvert pipe at Elko, Nevada. The Bureau has also available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Some similar equipment is available at Ogden, Utah. Bidder will state in his bid the Government equipment that he will use during construction and the minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government. Government explosives are available according to the terms of the specifications.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

October 19, 1923.

C. H. SWEETSER, District Engineer.

BIDS WANTED FOR GOVERNMENT HIGHWAY

NOTICE TO CONTRACTORS

(Murphy-Big Trees National Forest Highway)

Sealed proposals for constructing the above named National Forest Highway located partly within the Stanislaus National Forest, County of Calaveras, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture at 400 Bay Building, No. 9 Main Street, San Francisco, California, **until 2 o'clock p. m. on the 13th day of November, 1923,** at which time and place they will be publicly opened and read.

The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and financially responsible.

The project to be constructed is located about 55 miles northeast of Stockton, California. The length of the project is approximately 15.5 miles.

The principal items of work are as follows:

Clearing, 100 acres.
Excavation, 133,400 cu. yds.
Class "A" concrete, 45 cu. yds.
Class "C" concrete, 280 cu. yds.
Corrugated metal pipe, 4300 lin. ft.
Ditch paving, 20 sq. yds.
Crushed rock surfacing (optional) 18,000 cu. yds.

Construction shall be started within 15 days after notice so to start has been given the contractor by the District Engineer, which notice will not be given until warranted by weather conditions in the spring of 1924, and shall be completed within 200 weather

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

working days after said notice to start has been given. Clearing and burning must be started during the winter of 1923-1924 and must be completed by April 30, 1924.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

400 Bay Bldg., 9 main St., San Francisco, California.

H. S. Tolen, Hwy. Engr., Bureau Public Roads, Avery, Calif.

A. J. Gianelli, Murphy, California.

The Bureau of Public Roads will furnish corrugated metal culvert pipe F. O. B. cars Angels Camp, California. The Bureau has available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the government equipment that he will use during construction and minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government. Government explosives are also available according to the terms of the specifications.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER, District Engineer.
October 23, 1923.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Farm Building, Sacramento, Cal., until 2 o'clock P. M., on November 19, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications thereto or to which special reference is made, of portions of State Highway as follows:

Riverside County, in the City of Beaumont (VII-Riv-26-A), about seven tenths (0.7) mile in length, to be paved with asphalt concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary
Dated: October 22, 1923.

NOTICE TO CONTRACTORS

(San Juan Union High School District)

Notice is hereby given by the undersigned, the Trustees of the San Juan Union High School District of Sacramento County, in the State of California, that on Saturday, the 3rd day of **November, 1923, at the hour of 7:30 p. m. of said day** at the office of the Principal of said San Juan Union High School in the High School Building in said district, sealed bids will be opened for the erection and completion of an Auditorium - Gymnasium addition to said building, according to the plans and amended specifications therefore on file with the Clerk of this Board, and duplicates whereof are to be seen in the office of Eugene J. Seadler, Architect, 301 Mitau Building, Sacramento, California.

All bids must be accompanied by a certified check, payable to said Union High School District, in a sum equal to ten per centum of the amount of such bid as evidence of good faith.

A. VAN MAREN,
Clerk of the Board of Trustees,
San Juan Union High School District.
Fairoaks, Calif.

BIDS WANTED FOR OIL BURNING EQUIPMENT & STORAGE TANK

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. Sealed proposals will be received here until 11 A. M. Nov. 16, 1923, for installing oil burning equipment and oil storage tank at Fort McDowell, Calif. Information upon application.

NOTICE FOR BIDS

(Thermalito Irrigation District)

Sealed bids will be received by the Board of Directors of the Thermalito Irrigation District at the office of the Board, Oroville, California, **until one o'clock P. M., November 9th, 1923,** for the following work: Lake Wilenor Storage Works in Butte County including about 500 cubic yards of loose rock excavation, 300 cubic yards of solid rock excavation, 2200 cubic yards of concrete masonry, together with all fittings and hauling of materials.

Contract will be let to the lowest responsible bidder. Plans and specifications can be seen at the office of the Board, Oroville, California, and at the office of L. Jorgensen, Consulting Engineer, 1202 Hobart Building, San Francisco.

R. A. LEONARD,
Secretary, Thermalito Irrigation Dist.

NOTICE TO CONTRACTORS

(Mare Island Fuel Oil Storage Project)

SEALED Proposals, Indorsed "Proposals for Fuel Oil Storage, Mare Island, Calif., Specification No. 4717," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m., Nov. 14, 1923, and then and there publicly opened, for two 50,000-barrel fuel oil tanks; three motor-driven, centrifugal oil pumps; one motor-driven, centrifugal pump for fresh water; one motor-driven foam chemical agitating pump; air compressor; foam solution tanks on steel towers; earth embankments around fuel oil tanks; three pump houses; tank heater house; valve chambers; catch basins, and necessary piping, valves and fittings, at the Navy Yard, Mare Island, Calif. The pump houses and heater house will have concrete foundations, brick walls, wood roof framing and slate and tin roofing. Drawings and Specification No. 4717 may be obtained on application to the Bureau of to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $20 payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawing and specification. L. E. GREGORY, Chief of Bureau. September 22, 1923.

NOTICE TO CONTRACTORS

(City of Sacramento—Cast Iron Pipe)

Bids will be received by the City Council of the City of Sacramento in the Council Chamber of the City Hall on I Street between 9th and 10th Sts., **between the hours of 8:15 and 9:15 o'clock P. M., on Thursday, November 1st, 1923,** for the furnishing of 10,000 feet of 6 inch cast iron pipe to be used for the extension of water mains, in accordance with specifications adopted by the City Council on October 18th, 1923, and now on file in the office of the City Clerk.

All proposals must comply with requirements of the City Charter of the City of Sacramento, effective June 30, 1921, and bidders are hereby cautioned that no bid which fails to comply therewith can be considered.

Bids must be submitted upon printed proposal and affidavit form supplied by City Clerk, without charge, to prospective bidders.

A certified check made payable to the City Controller of the City of Sacramento as prescribed in Section 256 of said Charter for not less than five per cent (5%) of the aggregate of the proposal must accompany each bid, which must be enclosed in a sealed envelope marked "Proposal for Water Pipe," before filing with City Clerk.

The right to reject any and all bids is reserved to the City Council by provisions of said charter.

H. G. DENTON,
City Clerk of the City of Sacramento.

NOTICE FOR BIDS

(Oroville-Wyandotte Irrigation Dist.)

Sealed bids will be received by the Board of Directors of the Oroville-Wyandotte Irrigation District at the office of the Board, Oroville, California, **until two o'clock P. M., November 10th, 1923,** for the following work in the vicinity of the Lost Creek Dam in Butte County, California.

Tunnel No. 1, on South Feather Ditch: including approximately 1140 lineal feet of tunnel; 370 cu. yds. Solid rock excavation and 210 cu. yds. Loose rock excavation at Portals.

Construction of Road: including 1800 cu. yds. solid rock excavation and 4400 cu. yds. loose rock excavation.

Contract will be let to the lowest responsible bidder. Plans and specifications can be seen at the office of the board, Oroville, California.

W. J. MONRO,
Secretary, Oroville-Wyandotte Irrigation District.

BIDS WANTED FOR U. S. GOVERNMENT HIGHWAY

NOTICE TO CONTRACTORS

Sealed proposals for constructing or improving the Waldo-Elk Creek Section of the Grants Pass-Crescent City National Forest Road project located partly within the Siskiyou National Forest, States of Oregon and California, Counties of Josephine (Oregon) and Del Norte (California) will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 316 New Postoffice Building, Portland, Oregon, until **10 o'clock A. M. on the 8th day of November, 1923,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except those from contractors ascertained to be experienced and responsible.

The length of project to be constructed or improved is approximately 7.2 miles, and the principal items of work are approximately as follows:

Clearing, 35 acres.
Grubbing, 21 acres.
Rock excavation, 5000 cubic yards.
Common excavation, 53,000 cu. yds.
Finishing earth road, 7.2 miles.
Class A concrete, 120 cubic yards.
Class C concrete, 145 cubic yards.
Reinforcing steel, 9600 pounds.
Culverts, 1760 lineal feet.

The work embraced in this contract shall be completed within 180 weather working days following the execution of the contract by the Secretary of Agriculture.

The Bureau of Public Roads has available for loan to contractors on a rental basis, equipment as listed in the proposal sheets. Bidder will state in his bid the amount of government equipment that he will use during construction and the minimum rental period thereof. The estimated rentals will be taken into consideration and award will be made on bid to best advantage to the Government.

The contract form and the maps, plans, specifications, and estimates of quantities may be examined by responsible contractors at Bureau of Public Roads, Postoffice Building, Portland, Oregon, and at the office of the Forest Supervisor, Grants Pass, Oregon.

Plans and specifications will be furnished contractors who contemplate

bidding upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms, and in accordance with instructions, forming a part of the specifications above referred to, and must be accompanied by a proposal guaranty in an amount at least equal to five (5) per cent of the total amount of the proposal.

C. H. PURCELL,
District Engineer.

INFORMATION TO CONTRACTORS

(Yuba Pass National Forest Highway)

The District Engineer, Bureau of Public Roads, U. S Department of Agriculture, No. 9 Main St., San Francisco, Calif., proposes to advertise the Yuba Pass National Forest Highway Project early in January 1924, for construction during the season of 1924. A location survey has been made of this project and the center line staked. Blueprints showing this center line and tentative grades are ready for distribution to interested contractors. Design and contract quantities have not yet been completed. Approximate quantities are as follows:

Clearing, 10 Acres.

Excavation, unclassified, 135,000 cu. yds.

Concrete, 310 cu. yds.

Corrugated Metal Pipe, 3,500 lin. ft.

The Chief of Survey Party writes as follows:

"The proposed highway will present many attractive features to prospective contractors; a large quantity of excellent team work; some very good work for a light steam shovel; and the fact that the proposed construction is at all points near a good mountain road. Good camping places are in abundance with plenty of running water and camp fuel. There are 370 Stations of the very best team work and 130 Stations of good team work. Some of this, however, may be considered good steam shovel or station work."

As the country will soon be covered by snow, contractors who will want to file bids on formal advertisement should secure plans and go over the work not later than October 25th.

C. H. SWEETSER,
District Engineer.

October 13, 1923.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on **November 7, 1923,** for constructing portions of the State Highway System as follows:

(1) Bids received until and opened at 1:00 P. M. for grading, construction of culverts and placing a gravel surface in Churchill County, between Eastgate and Carroll Summit.

(2) Bids received until and opened at 2:00 P. M. for grading and construction of culverts in Washoe County between Lawtons and 2 miles East of Verdi.

Inspection is invited at this time over the proposed construction between Carroll Summit and Peterson's Ranch, Lander County, which project joins the Churchill County project on the east. Bids for this work will be called for shortly.

Plans may be examined and form of proposal, contract and specifications secured at the office of the undersigned. May also be examined at the County Clerk's Office in Fallon for Churchill County work; and Reno for Washoe County work; the Division Engineer's office in Las Vegas, Reno, or Elko; and District office of Bureau of Public Roads, Bay Building, San Francisco, California Cash deposit of fifteen dollars, ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided, that they are returned within thirty (30) days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid with a certificate from a surety company, duly authorized to do business in this state, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN.
State Highway Engineer,
Carson City, Nevada.

BIDS WANTED FOR STATE HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., Until 2 o'clock P. M., on November 13, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, of portions of State Highway as follows:

Siskiyou County, between 2 miles south of Hornbrook and Oregon State Line (II-Sis-3-C), about nine and eight (9.8) miles in lenghth to be graded and surfaced with crushed gravel or broken stone.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No Bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated October 15, 1923.

BIDS WANTED FOR PUMP & MOTOR AND ADDITION TO PUMP HOUSE

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif Sealed proposals will be received here until 11 A. M., Nov. 5, 1923, for installing pump and motor, and constructing addition to pump house, at Presidio of San Francisco, Calif. Information upon application.

TRIAL ORDER OF AMERICAN CEMENT FOR GREECE

Under the Grecian customs regulations, which have recently become effective, allowing the free importation of building materials to be used in the reconstruction of the portion of a city burned in 1917, a trial order of American cement has arrived. This cement was sold by the importer at a lower price than cement prepared in Greece. If consumers are satisfied with quality, it is possoble that a permanent market will be developed, unsles exchange conditions again become so unfavorable as to prohibit buying in foreign markets any materials which are produced locally.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Engineering News Section

BRIDGES

STOCKTON, San Joaquin Co., Cal. — Plans for a new type of bridge across San Joaquin river at Antioch have been prepared by the Delta Bridge Corp., and submitted to Major U. S. Grant, III, U. S. Dist. Eng. Copies of the plans have been forwarded to Stockton and navigation interests that protested the former types of bridge proposed by the company. Frank H. Reynolds, engineer for the company, announces the new plans provide for an ascent from the Sherman Island side on an 850-ft. conc. trestle at a grade of 6%, 225 ft. on conc. span; a 300 ft. stationary steel span, a 300 ft. lift span, 2000 ft. of 100-ft. spans descending at a trade of 1½% and 850 ft. on concrete trestle on Contra Costa shore. New plans give an opening of 270 ft. in the clear in both the stationary and lift spans. The lift span, when raised, will give a clearance of 135 ft. above high water and when in place will be 70 ft. above high water, the same as the adjoining stationary, 300 ft. span. The 2000 ft. of 100 ft. spans will range from 60-ft. above high water, near midstream to 32-ft. above high water, near the shore.

BLYTHE, Cal.—Until 12 o'clock M. Nov. 3, bids will be rec. by the Palo Verde Joint Levee Dist in Blythe for constr. of four small timber bridges over levee borrow pits of protection levee, involv. 775 lin. ft. wood piling, 15,500 ft. B. M. of bridge lumber, 800 cu. yds. earthwork. Plans obtainable on deposit of $10. cert. check 10%. Tony Seeley, secy.

BLYTHE, Cal.—Until 12 M., Nov. 3, bids will be rec. by Palo Verde Drainage Dist. to const. two small timber bridges over drainage ditches, involv. 450 lin. ft. wood piling; 10,000 ft. B. M. bridge lumber; 600 cu. yds. earthwork. Plans obtainable from office of the Dist. Copies may be obtained upon deposit of $10. Cert. check 10%. A. T. Galloway, secy.

SONORA, Tuolumne Co., Cal.—Until Nov. 6, 2 p. m., bids will be rec. by county supervisors to const. rein. conc. slab bridge over Big Creek on road leading to Boltano ranch, north of Groveland also for 1000 ft. of road from point on Big Creek road 200 ft. west of Second Garrote creek to pt. on opposite side of proposed bridge. Robert Thom, county surv.

MIAMI, Ariz.—Gov. W. P. Hunt approves proposed const. of bridge across Colorado river, by the State of Arizona, at Pierces Ferry, or some other feasible point.

FRESNO, Fresno Co., Cal.—Frederickson and Shannon, Cory Bldg., Fresno at $3850 awarded contract by supervisors to construct combination bridge and bulkhead across Fancher Creek on Del Rey Ave.

YUBA CITY, Sutter Co., Cal.—Holdener Construction Co., Bryte Bldg., Sacramento, at $1273 awarded cont. by supervisors to const. Chandler bridge over Marcum slough in Rd. Dist. 5.

REDWOOD CITY, San Mateo Co., Cal —City votes bonds of $10,000 to finance construction of conc. bridge in Jefferson Ave. and outfall sewer in Bradford Street.

LOS ANGELES, Cal.—Pacific Electric railway Co. applies to U. S. engineer office, war department, for permit to build treatle railway bridge 469.34 ft. long and 12 ft. wide across an arm of Alamitos bay, 1100 ft. from the east city limits of Long Beach, and 7800 ft. from the mouth of Alamitos bay.

SAN RAFAEL, Marin Co., Cal.—Until Nov. 6, 2 p. m., bids will be rec. by Rob. E. Graham, county clerk, to const. rein. conc culvert in Homestead Valley in Rd. Dist. 3. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans on file in office of clerk.

SAN RAFAEL, Marin Co., Cal. — County Surv. preparing estimates of cost for bridge on Marshall and Wilson rd. in Salmon Creek and for bridge at the Corda ranch; also for bridge north of Corda ranch on Novato and Hicks Valley Rd. in Rd. Dist. 5.

RED BLUFF, Tehama Co., Cal.—Until Nov. 14, 10 a. m. bids will be rec. by H. G. Kuhn, county clerk, to const. bridge over canal near Hamilton Place on Red Bluff and Tehama Rr., in Supervisor District No. 5. Cert. check 10% payable to Chairman Bd. of Sups. rep. Plans obtainable from county surv. C. F. Lunning.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Nov. 2, 2 p. m., bids will be rec. by H. E. Miller, county clerk, to const. bridge over Carbonero creek. Cert. check 10% req. with each bid. Plans obtainable from County Surv. Lloyd Bowman on deposit of $5, returnable.

PHOENIX, Ariz.—Awards on const. of bridges and culverts on the Tucson-Nogales route, made by state highway dept. were:

Shumway Constr. Co., Mesa, at $16,602.51 for structures on federal aid project No. 75; also at $11,698.18 for const. 8 small bridges on federal aid project No. 66.

Lown & Woods, Nogales, at $22,779.62 for four small bridges on federal aid project No. 25-B.

State furnishes materials.

PORTLAND, Ore.—Atkinson & Atkinson (Guy F. Atkinson, 308 Chamber of Commerce Bldg., Portland at $1,618,000 for const. piers and Chapman Bldg. Los Angeles) submitted low bid to commissioners of Multnomah county, Oct. 22, at $1,618,000 for constructing piers and abutments for the Burnside bridge. J. H. Tillman was the only bidder at $1,670,000.

Pacific Bridge Co. submitted low bid at $414,000 for constructing the Ross Island bridge. Other bids were: Missouri Valley Bridge Co., $630,000; J. H. Tillman, $658,000.

Bids were received at the same time for 270,000 bbls. Portland cement for the above work.

SAN JOSE, Santa Clara Co., Cal. — City votes bonds of $150,000 to finance construction of new bridges within city limits. Wm. Popp is city eng. and John J. Lynch, city clerk.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

HANFORD, Kings Co., Cal.—County purchasing agent instructed to purchase materials to reconstruct four county bridges, the estimated cost of the improvements being $3000, work to be done by county surv. Roy May.

SAN BERNARDINO, Cal.—Until 11 a. m., Nov. 12 bids will be rec. by supervisors for fabrication and delivery of one 60-ft. span, steel girder bridge, f. o. b. San Bernardino. Plans and spec. are on file at the office of the county surveyor. Cert. check 5%. Harry L. Allison, clerk.

SAN FRANCISCO—C. B. Scovig, 180 Jessesie St., at $18,890 awarded contract by Board of Public Works to paint 4 bridges in south of Market street district.

SAN MATEO COUNTY, Cal.—John Lyle Harrington, of the firm of Harrington, Howard and Ash, engineers, Kansas City, recently granted permit by War Department to construct bridge over San Francisco Bay at points opposite Redwood City, San Mateo county and Newark, Alameda County, has arrived in San Francisco to complete preliminary arrangements to have the structure under way Jan. 1, 1924. The bridge will be of concrete and steel construction and will cost approximately $1,700,000.

SAN JOSE, Santa Clara Co., Cal. — City votes bonds of $150,000 to finance construction of new bridges within city limits. Wm. Popp is city eng. and John J. Lynch, city clerk.

DREDGING, HARBOR WORKS AND EXCAVATIONS

HAMILTON, Montana.—A. W. Quist Co., Seattle, at $274,326 awarded contr. by Bitter Root Valley Irrigation District to rehabilitate main ditch in district, approx. 72-mi. long.

SANTA PAULA, Cal.—United Conc. Pipe Co., Montavio, awarded cont. by Limoneira Co., Santa Paula, for approx. 13,000 cu. yds. excav. and backfill for 15,212 lin. ft. trench, at 50c yd. for 6-ft. trench; 60c yd. 8-ft. trench, and 75c yd. for trench over 8-ft. The same company is furnishing 15,212 lin. ft. of 27-in. and 24-in. conc. pipe. V. M. Freeman, Santa Paula, is engineer.

ONTARIO, Cal.—An election will be held in the San Antonio storm water dist. Oct. 29 to vote on a $40,000 bond issue for const. levees, protection fences, embankments, culverts. Russell K. Pitzer, clerk of the board of the dist.

IRRIGATION PROJECTS

HANFORD, Kings Co., Cal.—W. F. McClure, State Department of Public Works, Forum Bldg., Sacramento, has called a meeting in Hanford for Dec. 7, to determine the feasibility of giving the Tulare Lake Storage Water District a state permit. The meeting was called after the district had established the sufficiency of its permit before him. The district proposes to water 176,000 acres in the San Joaquin valley, the majority of which lies in Kings county.

OROVILLE, Butte Co., Cal. — See "Miscellaneous Construction," this issue. Bids wanted for tunnel and road. Oroville-Wyandotte Irrigation District.

MERCED, Merced Co., Cal. — Until Nov. 8, bids will be rec. by Merced Irrigation District for purchase of $1,320,000 block of bonds, dated Jan. 1, 1922, bearing interest at 5½% per annum, payable semi-annually.

PORTERVILLE, Tulare Co., Cal. — Carlson Bros., Turlock, at $48,000 awarded cont. by South Tule Independent Ditch Company to cement ten miles of ditches, to be reinforced throughout. Bent Bros., and Clark, bid approx. $30,0400 and Frederickson and Shannon, Fresno, approx. $65,000. Geo. Blair Sturgeon, engineer in charge, 260 California street, San Francisco. (Mr. Sturgeon will maintain offices in the Jewel Clark Apts., at Porterville until completion of the work).

BYRON, Contra Costa Co., Cal.—Following contracts awarded by Byron-Bethany Irrigation District for various improvements in district:

Earthwork awarded to E. T. Hanson, Byron, $8.20 cu. yd.

Pipe Line to J. D. Christie, Knightsen, $10,705.85. Other bids: Merritt Concrete Pipe Co., $15,610.50; Merced Concrete Pipe Co., Merced, $16,000; Stanley Construction Co., $12,800.

Concrete channel line, Adel-Cartwright Co., bid $.1509 per sq. ft. surface; $19.43 cu. yd. John D. Christie, $.14¾ sq. ft. for 3-in. line and $.14½ 2½-in. line. A. Mansfield, $.17¼ sq. ft. $22.16 cu. yd. These bids rejected and work will be done under Gunite system (by district).

Concrete retaining wall, awarded to J. D. Christie, Knightsen, $1460.

Pump and motor and priming unit: Calif. Hydraulic Eng. Co., $1,92 pump; $1107 motor; $900 priming unit installed. De Laval Turbine Co., $1150 pump; $955 motor; $900 priming unit. Allis-Chalmers Mfg. Co., $2215 pump; $1670 motor, f. o. b. Byron. Byron Jackson Iron Works, $4614 pump; vertical pump and motor $3561, priming unit wiring $3561, etc. all installed complete. Contract awarded last named bidder.

NOTE—Complete particulars regarding this work were described in Larsen Reports of September 22 and to which subscribers are referred for further information.

KINGMAN, Ariz.—A project is being undertaken by residents of Wallapal Valley to bring 2000 acres in that dist. under cultivation for dry farming. The dam planned is to be built on bedrock and the water raised to the surface so that it can flow into the valley by gravity. Engineers are now making a survey for a ditch.

LIGHTING SYSTEMS

CHINO, Cal.—A. C. Rice, 1963 Santee St., awarded cont. by city trustees at $13,907.24 to const. ornamental lighting system in portions of Sixth St., D St and Riverside Dr., involv. granite conc. post complete at $94; conc. base only, $15; ¾-in. sheraridized conduit with No 6 lead covered cable at 58c ft. Other bids were D. S. McWean, $14,539.70; Walker & Martin, $14,629.24; Newport Bay Elec. Co., $15,058.88; H. H. Walker $15,178.40; Underground Constr. Co., $15,546.80; Jos. A. Lieb, $16,028T.61; Osborn Elec. Co., $16,846.20; D. J. Sphar, $18,378.85.

TAFT, Kern Co., Cal.—Nov. 27 is date set to vote bonds of $148,000 to finance installation of street lighting system. Edw. M. Lynch engineer, Central Bldg., Los Angeles.

EUREKA, Humboldt Co., Cal.—Until Nov. 6, 5 p. m., bids will be rec. by A. Walter Kildale, city clerk, for fur. for a period of one year: 249 or more 20 ampere 600 candle power, gas filled, incandescent street lamps, to be of equal candle power and existing lamps to be placed at the same locations as now installed.

SANTA MARIA, Cal.—City trustees declare inten. to const. ornam. lighting system on Broadway bet. Feslar St. and Garcy Rd., and on Main St., bet. the baseball park and Pac. Coast Ry. station.

LOS ANGELES, Cal.—Until 11 a. m., Nov. 19, bids will be rec. by supervisors to fur. and install ornamental lighting system in the Graham Lighting Dist. Plans and spec. on file at the office of the supervisors. Cert. check or bond 10%. A. M. McPherron, deputy clerk.

MACHINERY & EQUIPMENT

FRESNO, Fresno Co., Cal.—Supervisors will purchase portable crane for use in highway construction. A railroad crane, formerly used by the county has been sold to the California Construction Co., for $6025. D. M. Barnwell is county clerk and Chris P. Jensen, Cory Bldg., County Surv.

SAN BRUNO, San Mateo Co., Cal.—Until Nov. 14, 8 p. m. bids will be rec. Nettie A. Willits, city clerk, for fur. one 1½w speed Ford truck chassis equipped as follows: electric starter; solid tires on rear, pneumatic on front (standard quality); steel extension frame, 20-in.; auxiliary transmission reduction gear box. Further information obtainable from city clerk.

ORANGE, Cal. — The Mansur Motor Co., local Ford agency, awarded contr. by council at $722.38 for one 1-ton dump truck. O. A. Haley, Santa Ana Dodge Agency, bid $2195.

LOS ANGELES, Cal.—Until 4 p. m., Nov. 5, bids will be rec. by board of education for two 3½-ton delivery trucks. Spec. on file at office of W. E. Record, bus. mgr., 1437 San Pedro St. Cert. check 5%.

LOS ANGELES, Cal.—Until 4 p. m., Nov. 5, bids will be rec. by the purchasing dept. of Los Angeles City School Dist. for one dump truck. Plans and spec. on file at the office of the purchasing agent, 1437 San Pedro St. W. E. Record, bus. mgr. Cert. check 5%.

RAILROADS

WASHINGTON, D. C. — North and South Railway Co. has petitioned the Interstate Commerce Commission for authority to construct a new railroad, 232 miles in length, from Miles City, Mont. to Casper, Wyo., designed to serve territory embraced in the Salt Creek oil fields.

FIRE EQUIPMENT

SAN FRANCISCO—Until Nov. 5, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, 270 City Hall, for fur. and del. hose for fire dept. Further information together with blanks for bidding obtainable from above.

BAKERSFIELD, Kern Co., Cal. — Seagraves Co., Los Angeles, at $11,560 (net) awarded contract by city council to fur. and del. 1000-gal. fire engine.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Until 3 p. m., Oct. 26, bids will be rec. by public comm., 207 S Bdwy., for non-skid pneumatic automobile and truck casings, semi-pneumatic and solid casings. Spec. under joint adv. No. 133. Jas. P. Vroman, secretary.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, appropriates $635 for purchase of weatherproof copper wire for city electrical dept.

RESERVOIRS AND DAMS

OROVILLE, Butte Co., Cal. — Until Nov. 9, 1 p. m., bids will be rec. by R. A. Leonard, secy. Thermalito Irrigation District, to const. concrete arch dam on Concow Creek a tributary of the West branch of the Feather river, 24 miles north of Oroville; will be 70-ft. high, 200-ft. long, involv. 2000 cu. yds., the district to furnish cement required in the work, delivered Oroville. Plans on file in office of secretary at Oroville or Lars Jorgensen, consulting engineer, 1202 Hobart Bldg., San Francisco. S. J. Norris, 400 Lincoln St., Oroville, is chief eng. for district.

SANTA CRUZ, Santa Cruz Co., Cal.—Egan Construction Co., Stockton, at $147,075 awarded contract by city council to const. Bay Street Reservoir, a part of municipal water system improvements. Will have capacity of 31,600,000 gals. Project involv. 73,500 cu. yds. earth to be excavated, placed and rolled; 2300 cu. yds. rock to be excavated and placed; 4500 cu. yds. rein. conc. in reservoir lining, valve control chamber, overflow structure; 35 cu. yds. rein. conc. outlet tower; 5 cu. yds. rein. conc. supports for bridge; 50 cu. yds. plain conc.; 1600 lin. ft. 6-in. porous tile drain and 3200 lin. ft. porous tile drains; 16,800 lin. ft. filling contraction joints; placing 60,000 lbs. metal work (materials furnished by city); 2000 ft. B. M. lumber in bridge floor; 150 lin. ft. galv. iron or steel pipe railing for bridge; 60 lin. ft. galv. steel ladders. Other bids were: Blumenkranz and Vernon, Stockton, $241,895; W. E. Miller, Santa Cruz, $177,702.50; Leonard F. Youdall, Stockton, $192,495; and Granite Construction Co., $231,545.

MERCED, Merced Co., Cal. — Until Nov. 8, 11 a. m., bids will be rec. by A. L. Cowell, secy. Merced Irrigation District, Barcroft Bldg., Merced, to const. Exchequer dam across Merced river at Exchequer, Mariposa county, together with appurtenant works. Project involv. approx. 60,000 cu. yds. excavation, largely in rock; placing of approx. 300,000 cu. yds. conc. and about 600 tons metal work, together with other related features. Bidders are requested to submit unit price for placing concrete if the quantity should be more than 280,000 cu. yds. and alternative prices if the quantity should vary as follows:

If 280,000 cu. yds. or less, but more than 240,000;

If 240,000 cu. yds. or less, but more than 200,000.

If 200,000 cu. yds. or less, but more than 160,000;

If 160,000 cu. yds. or less, but more than 140,000.

Cert. check 5% payable to District req. Plans obtainable from Engineers Thebo, Starr and Anderton, Sharon Bldg., San Francisco and on file in office of district at Merced. **See call for bids under official proposal section in this issue.**

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. — Junction Valencia
24 VAN NESS AVENUE — Phone Market 8926 — Near Market

OROVILLE, Butte Co., Cal.—Until Nov. 9, 1 P. M., bids will be rec. by R. A. Leonard, sec't'y., Thermalito Irrigation District, to const. Lake Wilenor Storage works in Butte county, involv. approx. 500 cu. yds. loose rock excavation; 300 cu. yds. solid rock excavation; 300 cu. yds. masonry, together with fittings and hauling of materials. Plans on file in office of secretary and office of L. Jorgensen, Consulting Engineer, 1202 Hobart Bldg., San Francisco. **See call for bids under official proposal section in this issue.**

PIPE LINES, WELLS, ETC.

LOS ANGELES, Cal.—Pacific Pipe & Supply Co., 1002 Santa Fe Ave. awarded contr. by the public service commission at $325,788.80 for fur. French made cast iron pipe, f. o. b. Aqua Siding, in 4 metre (13.12 ft.) lengths, as follows: 20,000 pcs. 4-in. class B pipe at $64.16 per ton; 10,000 6-in. class B pipe at $60.16 per ton; 1000 pcs. 8-in. class B pipe at $60.16 per ton; 650 pcs. 12-in. class C pipe at $60.16 per ton; shipment to commence in 10 weeks and to be completed in 10 weeks thereafter. Other bids were:

National Cast Iron Pipe Co.—(12-ft. lengths): 4-in. pipe $65.70 per ton; 6-in. pipe at ..61.70 per ton; 8-in. pipe at $61.70 per ton; and 12-in. at $61.70 per ton.

American Cast Iron Pipe Co.—(12 ft. lengths): 4-in. at $65.39 per ton; 6-in. 8-in. and 12-in. at $61.39 per ton each; total, $332,236.30; total for 16-ft. lengths, $330,284.09.

U. S. Cast Iron Pipe & Fdy. Co.—(12 ft. lengths): 4-in. pipe at $66.14 per ton; 6-in. 8-in. and 12-in. pipe at $62.14 per ton each; total, $336,168.95. This company also submitted a bid on Delavaud pipe at 94c ft. 6-in. pipe; $1.34 ft. 8-in. pipe and $2.31 per ft. 12-in. pipe; total on Delavaud pipe $146,898.

LOS ANGELES, Cal.—National Cast Iron Pipe Co., 429 A. G. Bartlett Bldg., awarded contr. by public service comm. for fur. cast iron pipe as follows: 120 pcs. 24-in. class B pipe in 12-ft. lengths at $60.82 per ton; 440 pcs. 4-in. class C pipe, in 16-ft. lengths at $64.62 per ton; both f. o. b. Enterprise St.; 500 pcs. 6-in. class C pipe, 16-ft. lengths, at $63.11 per ton; 720 pcs. 4-in. class C pipe 16-ft. lengths, at $67.11 per ton; both f. o. b. Van Nuys. Shipment of 6-in. in December; 4-in. and 24-in. in January.

MONROVIA, Cal.—Until Nov. 6, bids will be rec. by Walnut Grove Mutual Water Co., R. F. D. box 180, Monrovia, for 1200 ft. 20-in., 12-gauge, double riveted and double dipped steel water pipe, f. o. b. Los Angeles.

LOS ANGELES, Cal.—Pacific Pipe & Supply Co., 1002 S. Santa Fe Ave., awarded cont. by public service comm. at approx. $326,000 for cast iron water pipe, comprising aprox. 60 miles of pipe. The greater part of this pipe will be laid during the first six months of 1924, to meet the needs of the 8000 new water users each month.

ARCADIA, Cal.—Until 8 p. m., Nov. 7 bids will be rec. by city trustees to fur. and lay 3300 ft. more or less, of 8-in. riveted steel pipe and standard screw pipe on Orange Ave. Ethel G. Farwell, city clerk.

SACRAMENTO, Cal. — Until Nov. 1, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, for fur. 10,000 ft. 6-in. c. i. pipe for water main extensions. Cert. check 5% payable to City Controller req. Albert Givan, city eng. **See call for bids under official proposal section in this issue.**

SEWAGE DISPOSAL PLANTS

TRACY, San Joaquin Co., Cal.—City trustees vote to proceed by day labor with the construction of the sewage disposal plant, from plans of Consulting Sanitary Engineer Clyde F. Smith, 516 Santa Barbara Rd., Berkeley. Bids were received on this project twice and in each instance the figures exceeded the amount available for construction. Low bid unler last call was presented by Davis-Heller-Pearce Co., Stockton at $63,408. Project involv. 6600 lin. ft. outfall sewer; 18-in. conc. vit. or wood stave pipe; Imhoff tanks; two units with sludge drying beds; 2 dosing tanks with Miller syphons; trickling filter, secondary settling tank of 3 units; pump house with 2 pumps and gasoline motors; 400 ft. 12-in. vit. conc. or wood stave pipe in By-pass; boring one well. W. D. Harrington, city eng.

LA HABRA, Cal.—Chamber of Commerce has appointed a committee to prepare details for the formation of a sanitary dist. bounded on the east by Fullerton Rd., on the north by the state highway, on the west by Idaho St., and on the s by Ocean Ave. The cost, as estimated by W. L. Elrod, sanitary engr., will be $100,000. The plans include cost of land, sewer system, and disposal plant.

LOS ANGELES, Cal.—The Dorr Co., 108 W 6th St., submitted only bid to Bd. Pub. Wks. at $21,493 for pneumatic sewage ejector system for the south plant of the Hyperion sewage treatment plant; f. o. b. P. E. Ry. cars at Hyperion siding, Los Angeles. Shipment 60 days after formal award of contract; delivery 2 to 3 weeks after shipment.

MISCELLANEOUS CONSTRUCTION

OROVILLE, Butte Co., Cal. — Until Nov. 10, 2 p. m., bids will be rec. by W. J. Monroe, secretary, Oroville-Wyandotte Irrigation District, to const. tunnel No. 1, on South Feather river ditch, involv. approx. 1140 lin. ft. tunnel; 370 cu. yds. solid rock excavation; 210 cu. yds. loose rock excavation at portals.

Separate bids, same date, to const. road involv. 1800 cu. yds. solid rock excavation and 4400 cu. yds. loose rock excavation. Plans on file in office of secretary at Oroville. **See call for bids under official proposal section in this issue.**

OROVILLE, Butte Co., Cal.—Until Nov. 10, bids will be rec. by directors of Oroville-Wyandotte Orrigation District to const. tunnel, 1140 ft. in length in vicinity of Lost Creek reservoir, now under construction; also for construction of roadbed to take the place of county road which will be submerged when reservoir is filled. Further information obtainable from secretary of district at Oroville.

WATER WORKS

STOCKTON, San Joaquin Co., Cal.—City council, A. L. Banks, clerk, will receive bids until Oct. 29, 5 p. m., for the purchase of 15 water meters no longer required by the city. Further information obtainable from clerk.

SACRAMENTO, Cal.—See "Pipe Lines & Wells," this issue. Bids wanted for 10,000 ft. 6-in. c. i. water pipe.

TUJUNGA, Cal.—Haines Canyon Water Co. files application with state railroad comm. for permit to incr bonded debt from $30,000 to $250,000 for financing additions to plant and extenhions of service.

COMPTON, Cal.—Chicago Bridge & Iron Works awarded contract by council at $5930 to const. elevated steel tank and tower for the city water works.

SANTA CRUZ, Santa Cruz Co., Cal.—See "Reservoirs and Dams," this issue. Reservoir contract let.

REDWOOD CITY, San Mateo Co., Cal.—City votes honds to purchase privately owned water works to operate as municipal project.

SOUTH PASADENA, Cal.—Until 5 p. m. Oct. 29, bids will be rec. by city clerk for:

Item 1—Fur. 17,000 ft. 16-in. double riveted steel pipe, 8 to 12 gauge, dipped and wrapped.

Item 2—Fur. three 16-in. horizontal balance check valves; three 8-in. double disc gate valves, and one 16-in. automatic cushion check valve.

Item 3—Fur. four 2-in. air and vacuum valves and 3 pressure air valves.

Item 4—Fur. all labor and equipment for laying steel main as per Item 1.

Item 5—Alternative bid for furnishing all labor, material, pipe, gates, air valves and fittings for laying steel main as per Items 1, 2, 3 and 4.

Item 6—Bids for extra work for installing extra fittings as may be called for by City Manager.

Cert. check or bid bond for 10% required. R. V. Orbison, city mgr.

PLAYGROUNDS AND PARKS

PACIFIC GROVE, Monterey Co., Cal.—Until Nov. 2, 8 p. m., bids will be rec. by J. J. Williams, clerk, Pacific Grove High School District, to construct cement wall at tennis court at high school. Plans and further information obtainable from clerk.

CHICO, Butte Co., Cal.—See "Schools" this issue. Contract awarded for tennis courts.

MERCED, Merced Co., Cal. — Until Nov. 5 bids will be rec. by city trustees for purchase of $25,000; proceeds of sale to finance park improvements.

SEWERS & STREET WORK

LOS ANGELES, Cal.—J. Paul Benson, 247 Douglas Bldg., submitted low bid to supervisors at $18,407.70 for im. Santa Anita Ave., bet. city limits of Pasadena and 117 ft. n of Paloma Ave., 3400 lin. ft. or .64 mi. (cash job 208), involv. 2312 cu. yds. excav. $1.25 yd.; 8650 sq. yds. shaping roadbed 14c yd; 7556 sq. yds. removing old macad. 20c yd.; 8650 sq. yds. conc. pave. $1.35 yd; 38 ft. curb $1 ft.; 40 ft. curtain wall $1.50 ft.; 6800 ft. shaping shoulders 15c foot.

LOS ANGELES, Cal.—Baker & Kinsman, 739 H. W. Hellman Bldg., submitted low bid to Bd. Pub. Wks. to imp. Glenhurst Ave., bet. Tyburn St. and Glendale Blvd. involv. grading, $137.50 (lump sum); 26,500 sq. ft. oil and roll 6.5c ft.; 313 ft. curb 60c ft.; 1600 sq. ft. walk 22c ft.; 4076 sq. ft. gutter 32c ft.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266.

SAN LUIS OBISPO, Cal.—Heretofore, it has been the custom of the city of San Luis Obispo to retain the deposit placed for plans and specifications. In future, Street Superintendent Walter B. Roselip announces, the city will charge a deposit for plans under the Improvement Act but will refund the same on the return of the plans and specifications.

LOS ANGELES, Cal. — A tentative agreement bet. the state highway com. and Los Angeles county supervisors has been reached whereby the state and county authorities propose to send $600,000 within the next two years to construct a scenic road through the Arroyo Seco and upper reaches of the San Gabriel Canyon. The proposed arrangement calls for the expenditure of $150,000 a year by Los Angeles county and a like sum by the state. Partial surveys have been made and the work of routing the mountain driveway will soon be completed.

PORTLAND, Ore.—Until Nov. 8, 10 a. m., bids will be rec. by C. H. Purcell, Dist. Eng. U. S. Bureau of Public Roads, 316 New Postoffice Bldg., Portland, to const. Waldo-Elk Creek Sec. of Grants Pass-Crescent National Forest Road project partly located in states of California and Oregon, 7.2 mi. in length, involv. 35 acres clearing; 21 acres grubbing; 5000 cu. yds. rock excavation; 53,000 cu. yds. common excavation; 7.2 mi. finishing earth road; 120 cu. yds. class A conc.; 145 cu. yds. class C concrete; 9600 lbs. reinforcing steel; 1760 lin. ft. culverts. **See call for bids under Official Proposal Section in this issue.**

OROVILLE, Butte Co, Cal. — Until Nov. 10, 2 p. m., bids will be rec. by W. J. Monro, secretary, Oroville-Wyandotte Irrigation District, to const. road involv. 1800 cu. yds. solid rock excavation and 4400 cu. yds. loose rock excavation. Plans on file in office of clerk at Oroville. **See call for bids under official proposal section in this issue.**

WHITTIER, Cal.—City trustees declare inten. to imp.:

Rose Dr., bet. Pickering Ave. and 625 ft. west; grade and pave with 4-in. bitum. base and 2-in. asph. conc. wearing surface.

Alta Ave., bet. Camilla St. and 302 ft. north; grade and pave with 4-in. bitum base and 2-in. asph. conc. wearing surface.

Maulsby Ct., bet. Short St. and Painter Ave., grade and pave with 6-in. cem. conc.; 1911 Act. C. O. Trueblood, city clerk, Paul E. Todd, city engineer.

INGLEWOOD, Cal.—Until 8 p. m., Oct. 22, bids will be received by City Clerk, Otto H. Duelke, to imj. streets in Inglewood Sidewalk Dist. No. 4 (Fair View Hts., northeast part of city) involv. approx. 573,720 sq. ft. grading; 115,590 sq. ft. 6-in. cem. conc. pavement; 106,550 sq. ft. 2-in. macad. pavement with 4-in. edges; 83,980 sq. ft. oiling; 98,050 sq. ft. sidewalk and 21,660 lin. ft. curb. Work will be done under 1911 Act and 1915 Bond Act. Arthur W. Cory, city engr.

VERNON, Cal.—Joe Chutuk, 343 Wilcox Bldg., submitted low bid to city trustees at $4.85 lin. ft. to const. 2200 ft. 8-in. vit. pipe sewer in East 26th St. Nick Rasich bid $5.65 ft. Joe Chutuk also submitted low bid at $2.65 ft. for const. 700 ft. 8-in. vit. pipe sewer in East 27th St. Nick Rasich bid $3.10. Joe Chutuk was also low bidder at $2.65 for constructing 1200 ft. 8-in. vit. pipe in St. Charles and Junior Sts. Nick Rasich bid $3.75. Howard McCurdy, 394 Pac. Elec. Bldg., Los Angeles, engr.

AUBURN, Placer Co., Cal.—City trustees, by vote of 3 to 2, select asphalt pavement for streets connecting with Sacramento, Colfax and Grass Valley highways. Bids were recently asked for both asphalt and concrete pavements but these were rejected. J. A. Barieau, city engineer.

ALHAMBRA, Cal.—Until 8 p. m., Nov. 5 bids will be rec. by city commission to const. 8-in. vit. pipe sewer in Stoneman Ave., bet. 28 ft. so. of Main St. and 27 ft. no. of Huntington Dr., and portions of other streets, including manholes, junction chambers, 4-in. hse. sewers; 1911 act.

REDWOOD CITY, San Mateo Co., Cal.—Chambers and DeGolyer, Bacon Bldg., Oakland, awarded cont. by city trustees to sewer portions of Redwood rd., etc., involv. 8-in. vit. sewer pipe, $.67 lin. ft.; 4-in. pipe, $.57 lin. ft.; 8-in. by 4-in. vit. wyes, $1.50 ea; manholes with c. i. frames and covers, $70; lampholes with c. i. frames and covers, $30 each.

SAN RAFAEL, Marin Co., Cal.—Supervisors reject bids to surface with crushed rock Main street in town of Tomales. New bids will be asked.

GLENDALE, Cal.—Until 7 p. m., Nov. 1 bids will be rec. by council to imp.:

Concord St., Patterson Ave., Fairmont Ave. and Pioneer Dr., involv. 1306 lin. ft. grading; 3110 ft. class B curb; 100 ft. class A curb; 16,300 sq. ft. walk; 311 sq. ft. gutter; 17,250 sq. ft. 3-in. oil macad.; 1168 8-in. cast iron water pipe; 114 ft. 6-in. cast iron water pipes; 675 ft. 4-in. cast iron water pipe; storm drain complete.

Alameda Ave., Glenwood Rd. and Mountain St., involv. 3083 lin. ft. grading 60-ft. wide; 1033 lin. ft. grading 30 ft. wide; 6615 ft. curb; 6346 sq. ft. gutter; 119,919 sq. ft. 5-in. oil macad. paving; 2140 ft. 4-in. class B cast iron water pipe; 844 ft. 2-in. galv. iron standard screw pipe.

Stanley Ave. and Verdugo Rd., involv 770 lin. ft. grading; 1574 ft. curb; 2990 sq. ft. gutter; 7900 sq. ft. walk; 20,486 sq. ft. oil macad. paving; 820 ft. 4-in. class B cast iron water pipe.

Railroad St., involv. 646 lin. ft. grading; 1252 ft. curb; 662 ft. 4-in. class C cast iron water pipe; 18,117 sq. ft. 6-in. cem. conc. paving.

Plans on file at office of city clerk, A. J. Van Wie.

POMONA, Cal.—Fleming Constr. Co., 105 N Park Ave., Pomona, awarded contr. by council at $8924 to pace Central Ave., bet. San Antonio Ave. and east city limits of Pomont with 5-in. oil macad; const. cobblestone curbs, and grading complete.

COMPTON, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles, awarded cont. by city trustees at $93,958 for imp. Tamarind St., Raymond and other streets, involv. 199,360 sq. ft. grading 4c ft.; 199,360 sq. ft. 5-in. cem. conc. paving 21c ft.; 11,050 ft. curb 60c ft.; 55,160 sq. ft. walk 20c ft.; 1500 ft. 16-in. vit. pipe main sewer $2.50 ft.; 2400 ft. 8-in. sewer $1.30 ft.; 1500 ft. 6-in. vit. hse. sewers $1.30 ft.; 6 manholes and 4 junction chambers $110 ea; 3 drop manholes $225 ea.; 7 flushtanks $175 ea; reconst. flushtank, $100; 6260 ft. 4-in. wood stave pipe $1.23 ft.; 1760 ft. 2-in. galv. service connections $1.50 ft. Other bids were: Gibbons & Reed Co., $99,948.36; Hall-Johnson Co., $103,105.46.

SAN LUIS OBISPO, Cal.—Until 7:30 p. m., Oct. 22, bids will be rec. by city trustees to const. three sewer units as follows:

Div. L: Involving 70 ft. standard 6-in. steel pipe; 210 ft. 6-in. vit. pipe; 10 6-in. wyes with 4 inlets; one manhole; one flushtank; convert one flush tank to manhole; frames and covers also to be furnished by contractor.

Div. K: 1000 ft. 6-in. vit. sewer pipe; 30 6-in. wyes with 5-in. inlets; change flushtank to manhole; 2 manholes and one flushtank to be constructed; city reserves the right to increase quantities.

Div. J: 950 ft. 6-in. vit. pipe; 40 6-in. wyes with 4-in. inlets; 4 manholes with frames and covers to be constructed.

Contract to be paid for out of bond fund. Walter B. Roselip, street supt. Plans and spec. upon payment of $2.50 each set. Cert. check 5%. Callie M. John, city clerk.

ENGINEERING, INDUSTRIAL, TECHNICAL & SCIENTIFIC BOOKS

TECHNICAL BOOK COMPANY

Mills Building -- San Francisco

Phone Garfield 19

REPRESENTING

D. Van Nostrand Co., John Wiley & Sons, Inc., J. B. Lippincott Co., Longmans, Green & Co.

REDWOOD CITY, San Mateo Co., Cal.—City votes bonds of $10,000 to finance construction of outfall sewer in Bradford St. and conc. bridge in Jefferson Avenue.

COMPTON, Cal.—Geo. H. Oswald, 366 E 58th St., submitted low bid to city trustees at $6631.80 for imp. Palm St., involv. 23,220 sq. ft. grading 3c ft.; 23,220 sq. ft. 5-in. conc. paving 21c ft.; 1290 ft. curb 60c ft.; 190 ft. 6-in. vit. hse. sewers $1.50 ft.

hse. sewers $1.50 ft. Hall-Johnson Co. bid 4c grading; 22c paving; 62c curb; $1.64 hse. sewers; total $7150.50.

Geo. H. Oswald low bidder at $12,063 to imp. Almond St., involv 35,375 sq. ft. grading 3.5c ft.; 16,370 sq. ft. 5-in. conc. paving 21.5c ft.; 19,006 sq. ft. 3½-in. bitum base with 1½-in. Willite surface 26c ft.; 371 ft. hse sewers $1.50 ft.; one flushtank to be moved $100; 1116 ft. 4-in. woodstave water pipe $1.23 ft.; 228 ft. 2-in. standard galv. service connections $1.50 ft. Hall-Johnson Co. bid $12,826.36. Bids taken under advisement. Edw. M. Lynch, Central Bldg., Los Angeles, city engr.

SOUTH SAN FRANCISCO, San Mateo Co., Cal—City trustees, Daniel McSweeney, clerk, declare inten. to imp. Grand Ave., bet. Chestnut Ave. and Mission rd., involv. const. comb. cem. conc. curb and gutter; cem. conc. walks includ. grading for same; const. 1 br. catchbasin with c. i. frame and cover, 1911 Act. Protests Nov. 5. Geo. A. Kneese, city engineer.

LYNWOOD, Cal.—Hall-Johnson Co., P. O. Box 51, Lynwood, awarded contrs by city trustees to imp:

So. Long Beach Blvd., at $64,090, involv. 227,075.1 sq. ft. grading 3.5c ft.; 227,075.1 sq. ft. 5-in. to 6-in. paving 22c ft.; 9517.4 ft. curb 65c ft.; cem. walk 18.75c ft.

No. Long Beach Blvd. $30,810.20, involv. 109,045 sq. ft. grading 3.5c ft.; 109,045 sq. ft. 5-in. to 6-in. conc. paving 22c ft.; 4621.1 ft. curb 65c ft.; cem. walk 18.75c ft.

Poplar Dr. and other streets at $107,655 involv. 422,900 sq. ft. grading 3c ft; 18,800 sq. ft. oiling 4.5c ft.; 404,100 sq. ft. 4-in. macad. at 13.25c ft.; 84,900 sq. ft. walk 17.85c ft.; 28,800 sq. ft. gutter 27.5c ft.; 27,900 ft. curb 60c ft.

NATIONAL CITY, Cal. — Pioneer Truck Co., San Diego, submitted only bid to city trustees at 10.5c sq. ft. for paving 8th St. involv. 47,700 sq. ft. 3-in. bitum. macad. City Engr. C. B. Ireland states that the contr. will not be awarded on this basis.

HUNTINGTON PARK, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, submitted low bid to city trustees at $23,347 for paving Albany St., involv. grading and paving with 4-in. conc. (approx. 102,972 sq. ft.) 17c sq. ft.; grading and paving with 5-in. 19c sq. ft.; gutter, 22c sq. ft.; curb, 70c ft.; walk, 22c sq. ft. Other bids were:

L. A. Paving Co.—2.5c grading; 16c 4-in. paving; 18c 5-in. paving; 5-in. gutter, 27c sq. ft.; 6-in. gutter, 29c sq. ft.; curb, 70c ft.; walk, 21c sq. ft.; total $26,004.

Geo. R. Curtis—$1.25 lin. ft. grading; 15.5c 4-in. paving; 15.5c 5-in. paving; 30c gutter; 60c curb; 20c walk; total, $26,025.

L. A. Paving Co., 2900 Santa Fe Ave. low bidder at $57,785 to pave Santa Fe Ave., involv. grading 3c sq. ft.; 184,640 sq. ft. 8-in. conc. paving 24c ft.; curb 70c ft.; walk 25c ft.; culverts, $4500. Other bids were:

Griffith Co.—27c sq. ft. grading and paving; 35c gutter; 70c curb; $5520 culvert; total, $58,051.

Geo. R. Curtis—$1.25 lin. ft. grading; 29.5c paving; 35c gutter; 60c curb; 20c walk; $4400 culvert; total, $67,781.

NEVADA—Until Nov. 9, 2 p. m., bids will be rec. by C. H. Sweetser, District Engineer, U. S. Bureau of Public Roads, 9 Main St., San Francisco, to construct Meadow Creek section, Gold Creek-Jarbidge Forest Highway in Humboldt National Forest, county of Elko, Nevada. Project consists of two sections of the Gold Creek-Jarbidge road, located 3 to 16 miles north of Gold Creek and 75 mi. north of Elko, approx. 8.87 mi. in length, involv. 53,500 cu. yds. excav.; 1660 lin. ft. corru. metal pipe; 24 M.B.M. timber bridging; 300 cu. yds. cement rubble masonry. **See call for bids under official proposal section in this issue.**

Why Not Have Streets That Will Stand It?

Nothing in your town has harder usage than your streets. They are completely exposed to all the whims of the seasons—and to traffic as well.

Concrete Street pavement cannot blow away. Rain only makes it stronger. It can be built to carry any kind of traffic indefinitely, practically, without repairs.

Concrete makes easy driving. Concrete makes driving safe. It is rigid, unyielding, skid-proof. Concrete Streets are as good one time of the year as another. *Concrete pavement has the maintenance built into it.*

These are some of the reasons for the rapidly growing popularity of Concrete Streets.

Our Booklet R-4 tells other interesting things about Concrete Streets. Write for your copy.

PORTLAND CEMENT ASSOCIATION
785 Market Street
SAN FRANCISCO

A National Organization to Improve and Extend the Uses of Concrete

Offices in 27 Other Cities

OAKLAND, Cal.—Until Nov. 1, 12 m. bids will be rec. by E. K. Sturgis, city clerk, to imp.:

Alice St., bet. 2nd and 7th Sts., involv. const of sewers, manholes, catchbasins, conduits, wye branches, slants and dr-p connections; remove certain existing manholes.

Portions of East 18th St., involv. grade and pave; const. curbs, gutters and walks.

12th St., bet. Market and Kirkham Sts., involv. grade and pave; const. conc. curbs and gutters; reset granite curbs; const. sewer, manhole, lamphole, wye branches, catchbasins and conduits.

All under 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

SAN DIEGO, Cal.—City Council declares inten. to imp. Girard Ave. and Coast Blvd., involv. 118,601 sq. ft. paving with 5-in. Port. cem. conc.; 291.4 sq. ft. cem. conc. sidewalk; 120 lin. ft. cem. conc. curb; 3 conc pipe culverts. 12 to 16-in. diameter. F. A. Rhodes, city engineer.

LOS ANGELES, Cal.—The $1,000,000 bond issue to const. Mullholland Skyline highway carried at the recent election. This highway will be a 200-ft. boulevard extending from the top of Cahuenga Pass to Calabasas, approx. 25 miles.

SISKIYOU CO., Cal.—Following bids received Oct. 22 by State Highway Commission to const. 32,340 lin. ft. guard rail in Siskiyou county, betw. Hornbrook and Yreka.

Calvert & Calvert, Schrader & Pierce, Grant Pass, Ore.	$25,548.60
Shell & McKy, Oakland	28,782.60
Frank Bryant, Plaza Hotel, Napa	28,863.45
A. J. McGarry, Santa Barbara	28,944.30
T. A. & M. C. Polk, Chico	28,944.30
Chas. Thompson, L. A.	29,106.00
F. M. Auburn	34,927.20
J. G. Liebert, S. F.	37,158.66
Blumenkranz & Vernon, Stktn	38,161.20
H. S. Williams, S. F.	39,778.20
Jenkins & Elkin, Sacto.	39,778.20
West Coast Construction Co. San Francisco	44,305.80
W. G. Ellis, Berkeley	45,761.10
Hill & Warren Co., Reno, Nev.	49,480.20
Engineer's Estimate	25,872.00

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to imp. Ave. bet. Merrill and Vienna Sts., involv. 7000 cu. yds. cut; 28 br. catchbasins; 840 lin. ft. 10-in. ironstone pipe culvert; 10,296 sq. ft. conc. pavement. Est. cost, $37,275, of which city will pay $23,000 from Good Rroads Fund to finance 20-ft. concrete strip in center of roadway.

LOS ANGELES, Cal.—H. G. Feraud, 1215 Detwiler Bldg., awarded contr. by supervisors at $23,719.43 to imp. portions of Lennox Ave. and Hawthorne Ave. under County Imp. No. 26.

ARCADIA, Cal.—Gilmore Oil Co., 700 Van Nuys Bldg., Los Angeles, was only bidder at $2.25 per bbl. for fur. city with 90% asph. road oil f. o. b. plant.

Union Rock Co. submitted only bid on crushed rock as follows: No. 1 and No. 2 crushed rock, $2.20 per ton; No. 3, $2.10 per ton; No. 4, $2.65 per ton.

All bids were rejected. Ethel G. Farwell, city clerk.

FRESNO, Fresno Co., Cal—City council, R. Y. St. George, clerk, declares inten. to imp. Divisadero St., bet. Park Blvd. and Blocks 1 and 14, Central Addition, and portions of other sts., (Res. of Inten. 1431) involv. grade and pave 4-in. asph. conc. base with 2-in. Warrenite-Bitulithic wearing surface; construct conc. curbs, gutters and walks; culvert manholes; 2 conc. sewer manholes and 46 ft. 18-in. conc. storm sewer. 1911 Act. Protests Nov. 8. Wm. Stranahan, city eng.

WOODLAND, Yolo Co., Cal. — Until Nov. 5, 2 p. m., bids will be rec. by H. R. Saunders, county clerk, to imp. sts. extending from easterly edge of state highway pavement at B and 4th Sts., (Woodland), via 4th, G, 2nd and E Sts, to north edge of state highway pavement at 1st and E Sts. Cert. check 10% payable to county req. Plans on file in office of clerk and obtainable from Asa G. Proctor, county surveyor.

OAKLAND, Cal.—Bids will be asked shortly by county supervisors to const. sewer system, septic tank and appurtenances at county farm at Del Valle Farm at Cresta Blanca. Est. cost $7500. Geo. Posey, county surv.

SAN RAFAEL, Marin Co., Cal.—Until Nov. 6, 2 p. m., bids will be rec. by Rob. E. Graham, county clerk, to surface with crushed rock the county road in Town of Tomales, Rd. Dist. No. 4. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans on file in office of clerk.

ALHAMBRA, Cal.—Until 8 p. m., Nov. 5, bids will be rec. by R. B. Wallace, city clerk, for 52,956 lin. ft. 8-in. vit. sewer, 137 manholes, 46 flush tanks, 1491 hse. connections of 4-in. cast iron pipe. Plans obtainable from M. H. Irvine, city engr., Alhambra.

RIVERSIDE COUNTY, Calif.—Until Nov. 19, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with asph. conc. 0.7 mi. in Riverside county in city of Beaumont, R. M. Morton, State highway eng. **See call for bids under official proposal section in this issue.**

SEATTLE, Wash.—City council rejects bids to grade and pave Avalon Way. Lowest bid received was $315,321. New bids will be asked.

SANTA BARBARA, Cal.—City council awards conts for st. work as follows: To Charles T. Richardson at $19,079.82 for paving Padre St., bet. Santa Barbara and Laguna Sts. Sam Hunter bid $19,449.40. Engrs. est. $18,826.15. To A. B. Cook at $260 for paving strip on Anapamu St.

PORTLAND, Ore.—Until Nov. 8, 10 a. m., bids will be rec. by C. H. Sweetser, Dist. Eng. U. S. Bureau of Public Roads, 316 New Postoffice Bldg., Portland, to const. Niagara Section of Detroit-Niagara National Forest road, partly located in Santiam Natl. Forest, Marion County, Ore., 7.2 mi. in length, involv. 17 acres clearing; 12 acres grubbing; 83,000 cu. yds. rock excavation; 60,000 cu. yds. common excavation; 500 cu. yds. structure excavation; 7.2 mi. finishing; 930 lin. ft. pipe culverts; 85 cu. yds. class B conc. Further information together with plans and specifications obtainable from engineer.

PORTLAND, Ore.—Until Nov. 8, 10 a. m., bids will be rec. by C. H. Purcell, Dist. Eng. U. S. Bureau of Public Roads, 316 New Postoffice Bldg., Portland, to const. Bogachiel-Hoh River (Olympic Highway) Natl. Forest Rd. Project, counties of Clallam and Jefferson, State of Washington, 9.3 mi. in length, involf. 45 acres clearinb and 34 acres of grubbing. Further information together with plans and specifications obtainable from engineer.

PORTERVILLE, Tulare Co., Cal. — Until Nov. 8, 7:30 p. m., bids will be rec. by Geo. D. Avery, city clerk, to imp. portions of Henrahan, Valentine, Fourth Sts., etc., etc., grade; const. conc. curbs, gutters, walks and culverts; cem. conc. conduit; storm water drains; pave with 5-in. hyd. conc. 1915 Bond Act. Cert. check 10% payable to city req. Fred Pease, city engineer.

REDWOOD CITY, San Mateo Co., Cal. —Until Nov. 5, 10 a. m., bids will be rec. by Elizabeth M. Kneese, county clerk, to imp. following sts., in Rd. Dist. Imp. No. 2: San Marco, Santa Domingo, Santa Lucia, Santa Inez, Santa Clara Aves, etc., grade; pave with 1½-in. Warrenite-Bit. surface on 4-in. hyd. cem. conc. base; 4-in. vit. sidew sewers; 18-in. vit. storm sewer; 1 br. manhole with c i frames and cover. Work under Road Dist. Imp. Act 1907. Cert. check 10% payable to Chairman of Bd. of Sups req. Plans obtainable from County Surv Geo. A. Kneese.

MANHATTAN BEACH, Cal.—By C. Nichols, Manhattan Beach, awarded cont. by city trustees at $27,581.74 for imp. Manhattan Ave. through blocks 2, 3, 4, 5, 7 and 8, Peck's Manhattan Beach Tract, involving curb at 75c lin. ft.; redwood headers at 30c lin. ft.; cem. conc. paving at 34c sq. ft.; 10-in. outlets, $5 ea. Kuhn Bros. Bid 75c; curb; 29c headers; 35.5c paving; $5 outlets; total, $28,568.65.

PORTERVILLE, Tulare Co., Cal. — Until Nov. 8, 7:30 p. m., bids will be rec. by Geo. D. Avery, city clerk, to imp. Belleview Ave., bet. Hawaii and Palm Aves., involv grade; const. cem. conc. curbs, culverts and pave with 5-in. hyd. conc. 1915 Bond Act. Cert. check 10% payable to city req. Fred Pease, city engineer.

WHITTIER, Cal.—City trustees declare inten. to imp. alley bet. Greenleaf and Comstock Aves., from Camilla St. to 420 ft. so. grading and paving with 5-in. cem. conc.; 1911 Act. C. O. Trueblood, city clerk.

LOS ANGELES COUNTY, Cal. — H. E. Cox, Pasadena, at $12,660 awarded cont. by State Highway Commission to pave with Port. cem. conc. 0.2 mi. in Los Angeles county, bet. Santa Clara river and one-fifth mile easterly. Revised engineer's estimate on project was $11,794.02.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. Orange Ave., bet 119 ft. s of Hill St. and State St., 249 ft. or .47 mi., under County Imp. No. 16 involving 2590 cu. yds. excav., 5538 so yds. 5-in. macad., 4264 sq. yds. oil and screenings shoulders; est. contr. price $10,625.55. Av. haul, .75 mi. from Burnett on P. E. Ry.

SANTA CRUZ, Santa Cruz Co., Cal. — County supervisors seek authority o State Railroad Commission to separate highway and railroad grades at Aptos Improvements contemplated will cos $50,000. Lloyd Bowman, county surv.

RICHMOND, Contra Costa Co., Cal.—L. L. Page, 728 Bissel Ave., Richmon at $14,318.55 awarded cont. by cit council to imp. Main Ave., bet. 23rd S and S. P. right of way, involv. gradin and paving with Richmond Standar macadam; cem. conc. curbs with galv steel bars; cem. conc. gutters, side walks, wing walls and portals and cen conc. and corru. iron or steel culverts and 27th St., bet. Maine Ave. and Cer ritos Addition by grading and pavin with Richmond stand. macadam; cen conc. curbs and r.w. headers.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

SAN LUIS OBISPO, Cal.—No bids rec. Oct. 22 by city council to const. sewers in Divisions L, K and J and new bids have ordered received up to Nov. 5, 7:30 p. m. Bonds have been voted to cover cost of the work, segregated as follows:

Div. L, involving 70 ft. standard 6-in. steel pipe; 210 ft. 6-in. vit. pipe; 10 6-in. wyes with 4 inlets; one manhole; one flushtank; convert one flush tank to manhole; frames and covers also to be furnished by contractor.

Div. K: 1000 ft. 6-in. vit. sewer pipe; 30 6-in. wyes with 5-in. inlets; change flushtank to manhole; 2 manholes and one flushtank to be constructed; city reserves the right to increase quantities.

Div. J: 950 ft. 6-in. vit. pipe; 40 6-in. wyes with 4-in. inlets; 4 manholes with frames and covers to be constructed.

Walter B. Roselip, street supt. Cert. check 5%. Callie M. John, city clerk.

SAN JOSE, Santa Clara Co., Cal. — City fails to vote bonds of $100,000 to finance city share of cost in separation of railroad grade on the Alameda.

SAN JOSE, Santa Clara Co., Cal. — City votes bonds of $400,000 to finance construction of sewers. Wm. Popp, city eng. and John J. Lynch, city clerk.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. Rieker Ave., bet. Whittier Blvd. and Louisiana St., 2344 ft. or .44 mi., under County Imp. No. 23, involv. 1012 cu. yds. excav., 9997 sq. ft. conc. gutter, 4572 ft. curb, 17,234 sq. ft walk, 62,700 sq. ft. oiling and screenings wearing surface; est. cont. price $12,680.95 Protest Nov. 19.

CALAVERAS COUNTY, Calif.—Until Nov. 13, 2 p. m., bids will be rec. by C. H. Sweetser, Dist. Eng. U. S. Bur. of Pub. Rds. to const. Murphy-Big Trees Natl. Forest highway in Calaveras county, located about 55-mi. s.e. of Stockton, 15.5 mi. in length, involv. 100 acres clearing; 133,400 cu. yds. excavation; 45 cu. yds. A and 280 cu. yds. C conc.; 4300 lin. ft. corru. metal pipe; 20 sq. yds. ditch paving; 18,000 cu. yds. crushed rock surfacing (optional). **See call for bids under official proposal section in this issue.**

SAN BRUNO, San Mateo Co., Cal.—City trustees, Nettie A. Willits, clerk, declare inten. to imp. portions of Elm, Acacia, Cypress, Hazel, Clark, Crystal Springs Aves., involv. grade; const. comb. cem. conc. curbs, gutters and walks; pave with asph. conc. base with Warrenite-Bit. wearing surface; steel reinforced cem. conc. storm water conduit; 8 and 6-in. ironstone pipe sanitary sewers; 4-in. vit. lateral side sewers; vit. pipe storm sewers, etc. 1911 Act & Bond Act 1915. Protests No. 14. Geo. Kneese, city eng.

PRESCOTT, Ariz. — Warren Bros. Paving Co. awarded cont. to pave portions of Sheldon and Marina Sts., involv. grading at $9610 (lump sum); curbs, gutters and street monuments, $3981 (lump sum); and 1½-in. paving on 3½-in. bitum. base at $33,114 (lump sum).

BAKERSFIELD, Kern Co., Cal.—Bids will be asked at once by county supervisors, to be opened probably Nov. 17, to construct Arvin-Weed Patch road system, estimated cost $270,000.

OAKLAND, Cal. — Oakland Sewer Const. Co., 1003 85th Ave., Oakland, awarded cont. by council to const. 8-in vit. sewer in San Pablo Ave., from existing sewer in Virginia Ave. to pt. 565 ft. southerly; br. manhole with c. i. curb and cover.

SANTA MONICA, Cal.—Until 10 a. m., Nov. 7, bids will be rec. by council to imp:

26th St., bet. Colorado Ave. and Wilshire Blvd.; grade; pave; const. curb, walk, manholes, junction chambers, reinf. conc. storm drain; 6-in. cem. pipe hse. sewers.

5th St., bet. Santa Monica Blvd. and Montana Ave.; grade; pave; const. cem. walks, curb.

Berkeley St., bet. Utah and Colorado Aves.; grade; pave; const. curbs and walks.

1911 Act. Cert. check or bond 10%. John A. Morton, city engr.

ARCADIA, Cal.—Until 8 p. m., Nov. 7 bids will be rec. by city trustees to pave with oil macadam following sts.: Baldwin Ave., bet. Palm Dr. and Azusa Rd.; California St., bet. Second and Fifth Aves; El Molino St. bet. Huntington Dr. and S. P. Ry.; Genoa St., bet. First and Fifth Aves. Plans on file at office of city clerk, Ethel G. Farwell. Cert. check 10%.

SACRAMENTO, Cal. — Preliminary plans are being made by State Highway Department to reconst. state highway bet. Sacramento and Elk Grove, commonly known as Upper Stockton rd., Section is approx. 10-mi. in length. New road will be paved with concrete for approx. 3-mi. out of Sacramento, 24-ft. wide, the remaining seven miles to be 20-ft. wide.

Bids will be asked shortly by commission to pave gap in state highway through the town of Galt. Sacramento county also for widening and resurfacing highway bet. Vacaville and Batavia, approx. 9 mi. Highway will be widened to 20 ft.

R. M. Morton, Forum Bldg., Sacramento, state highway eng.

SAN GABRIEL, Cal.—Until 7:30 P. M., Nov. 13 new bids will be rec. by City Clerk Ira H. Stouffer, to imp. Arroyo Dr., bet. Santa Anita St. and N end of the street, involv. 2983 ft. curb; 50,941 sq. ft. 1-in. oil macad; 4290 cu. yds. grading; Vrooman act. Cert. chk. or bond, 10%.

EL SEGUNDO, Cal.—Until 8 P. M., Nov. 13, bids will be rec. by City Trustees to imp. Main St., bet. Grand and Collingwood Aves., grade and pave with 5-in. oil macad.; const. cem. curbs, walks, 59 reinf. concr. lighting posts; sherardized or equal iron conduits; 1911 act. Victor D. McCarthy, city Clk.

HANFORD, Kings Co., Cal. — City Eng. Ben Duffield instructed to prepare plans to imp. Florinda St., which work will be done with the Myrtle St. improvement under one contract.

HANFORD, Kings Co., Cal.—California Const. Co., 58 2nd St., San Francisco, at $56,322.95 awarded cont. by council to imp. E-6th St., bet. Harris and Corcoran highway, Brown St., bet. 5th and 7th Sts., and Green from 6th to alley north of 7th St., and at $9893.59 to imp. W 9th St., bet. Irwin and Phillips.

SAN FRANCISCO—Bd of Pub. Wks. awards contracts to improve following streets:

J. R. McElroy, 180 Jessie St., at $29,021.48 to imp. Buchanan St., bet. Herman and Duboce Aves., involv. 22,091 cu. yds. cut; 623 lin. ft. conc. curb; 370 lin. ft. 8-in. sewer; 24 8-in. wye branches; 2 br. manholes; 4364 sq. ft. br. pave; 7715 sq. ft. asph. conc. pave.

Ray Imp. Co., Phelan Bldg. at $3179 to imp Alabama St., bet. Mariposa and 18th Sts. (where not already improved) involv. 750 cu. yds. cut; 200 lin. ft. conc. curb and 5000 sq. ft. asph. conc. pavement

C. B. Eaton, 715 Ocean Ave., at $20,077.21 to imp. Jamestown bet. 3rd and Ingalls and crossing of Jamestown with Jennings and Ingalls, involv. 1854 cu. yds. cut; 709 cu. yds. fill; 3 br. catchbasins; 77 lin. ft. 10-in. culvert; 2128 lin. ft. conc. curb; 18,548 sq. ft. art. stone walks; 39,776 sq. ft. asph conc. pave; 5 conc. stairways.

Manuel Smith, 1003 85th Ave., Oakland, to imp. Montcalm St., bet. Franconia and Peralta and Franconia bet. Montcalm and Wolf, involv.: 400 lin. ft. 8-in. sewer; 24 8-in. wye branches; 110 lin. ft. 12-in. sewer; 8 12-in. wye branches; 2 br. manholes; 2 lampholes.

Manuel Smith, 1003 85th Ave., Oakland, at $3143 to sewer Rodeo Ave., bet. Arleta and Teddy Aves., and Teddy Ave bet. Dodeo and Alpha, involv. 361 lin. ft. 15-in. sewer; 403 lin. ft. 8-in. sewer; 2 br. manholes; 12 15-in. wye branches and 28 8-in. wye branches.

E. J. Treacy, Call Bldg., at $7243 to imp. San Bruno Ave., bet. 19th and 20th Sts., involv. 750 lin. ft. conc. curb; 10,000 sq. ft. conc. pave; 10,000 sq. ft. conc pave

SAN LUIS OBISPO, Cal.—City Eng. Walter B. Roselip instructed to prepare spec. to grade and gravel Grove St., bet. Palm and Mill; Pismo bet. Essex and S. P. tracks and Toro St., bet. Monterey and Palm. Also planned to pave on each side of highway paving in Higuera St., bet. Nipomo St. and P. C. depot.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares inten. to imp. portions of Divisadero St., etc., grade; const. conc. curbs, gutters and walks; corru. metal culvert manholes; pave with 4-in. asph conc. base with 2-in. Warrenite-Bit. wearing surface; 46-ft. 18-in. conc. storm sewer; 2 conc. sewer manholes. 1911 Act. Protests Nov. 8. Wm. Stranahan, city engineer.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3889	Morris	Owner	5000
3890	Gullmes	Owner	6600
3891	Davidson	Owner	1000
3892	South	Grant	6500
3893	Nelson	Owner	7500
3894	Weil	Neil	1000
3895	Voorhies	Owner	21000
3896	Casanova	Buneo	6000
3897	Boyd	Sommer	1000
3898	Koenig	Owner	20000
3899	Janssen	Owner	6950
3900	Same	Same	4000
3901	Taylor	Owner	3000
3902	Regel	Owner	10000
3903	Galland	Barrett	5495
3904	McCarthy	Arnott	4000
3905	Greenback	Owner	40000
3906	Fraser	Hamill	24000
3907	Arnott	Owner	4000
3908	Arnott	Owner	12000
3909	Arnott	Owner	4000
3910	Arnott	Owner	20000
3911	Gray	Meyer	10140
3912	Thompson	Meyer	10140
3913	Klute	Meyer	15000
3914	Myers	Britt	21000
3915	Harris	Brown	20000
3916	Ham	Owner	95000
3917	Roeder	Owner	45000
3918	Walsinghaus	Wood	1000
3919	Phelan	Owner	8000
3920	Lind	Owner	2500
3921	Schwartz	Owner	3000
3922	Frisken	Owner	3000
3923	Urban	Owner	8000
3924	Hunt	Owner	2000
3925	Arnott	Owner	72000
3926	Forsell	Dohlberg	7055
3927	Wilhelm	Thomas	8500
3928	Fed Reserve	Fuller	5335
3929	French Hospital	Vogt	6300
3930	Bisso	Ferroni	20000
3931	Roonsy	Hallgren	6450
3932	De Benedetti	Owner	4000
3933	Hardicman	Owner	7000
3934	Parma	DeMartini	2500
3935	Delucchi	Carraro	12000
3936	Berry	Diestel	11650
3937	Schmidt	Owner	2000
3938	Tiscornia	Owner	3000
3939	Meyers	Owner	6000
3940	Ebenbauser	Owner	4000
3941	Harris	Buschke	25250
3942	Walter	Ulrich	2150
3943	Nordman	Mangels	13865
3944	Smith	Grant	6500
3945	Glindeman	Marcussen	12000
3946	Varsi	Oyen	25000
3947	Hjul	Owner	15000
3948	Strand	Owner	20000
3949	Thorinson	Owner	3500
3950	Doud	Meyer	8000
3951	Murphy	Coburn	5250
3952	Nelson	Owner	3500
3953	Same	Same	3500
3954	Schell	Owner	1400
3955	Milanese	Croggini	3000
3956	Peterson	Hansen	15000
3957	Heights	Michel	3300
3958	Carroll	Walthall	4000
3959	Hallenbarter	Owner	3500
3960	Ralston	Ralston	10000
3961	de Latour	Taylor	5000
3962	Lindeman	Owner	10000
3963	Mason	Owner	17000
3964	Plume	Owner	3000
3965	Peters	Gillogley	8000
3966	Brymner	Owner	12000
3967	Howe	Buschke	4000
3968	Galland	Barrett	5495
3969	Lager	Moller	18000
3970	O'Brien	Buschke	11610
3971	Same	Monihan	1025
3972	Allyne	Musto	1010
3973	Same	Pacific	1240
3974	Prout	Prout	25000
3975	Foon	Mulcahy	1000
3976	Allyne	Rouleau	3450
3977	Landon	Owner	2500
3978	Leigh	Owner	5000
3979	Gaffney	Wiemeyer	14000
3980	Klute	Meyer Bros.	12000
3981	Perkins	Owner	90000
3982	St. Francis	Owner	12000
3983	Nelson	Owner	3800
3984	Berry	Diestel	11650
3985	Brownstone	Pac Mfg	9675
3986	Brownstone	Daspit	4415

DWELLING
(3889) S BALBOA 120 W Eleventh Ave. One-story and basement frame dwelling.
Owner — A. T. Morris, 602 9th Ave., San Francisco.
Architect—None. $5000

FRAME FLATS
(3890) N CLEMENT 32-6 W Twenty-eighth Ave. Two-story and basement frame (2) flats.
Owner—V. Gullmes, 1828 Castro St., San Francisco.
Architect—None. $6600

ALTERATIONS
(3891) NO. 307 EIGHTH AVE. Alte two-story flats for (2) stores.
Owner—Mrs. Jeanette Davidson, Prem
Architect—None. $100

FRAME FLATS
(3892) W EIGHTH AVE 250 S Irving Two-story and basement fram (2) flats.
Owner—Lucy P. South, Shreve Bldg San Francisco.
Plans by Contractor.
Contractor—W. E. Grant, 1032 Irvin St., San Francisco. $650

DWELLINGS
(3893) E FORTY-FIRST AVE 303-8 Balboa. Two one-story and base ment frome dwellings.
Owner—H. S. Nelson, 454 Second Ave San Francisco.
Architect—None. $3750 cac

DWELLING
(3894) E FORTY-SEVENTH AVE 32 S Kirkham. One-story and base ment frame dwelling.
Owner—Elizabeth Neil, 331 Octavia S San Francisco.
Architect—None.
Contractor—Robert Neil, 331 Octavi St., San Francisco. $100

APARTMENTS
(3895) W MASON 6, 92 and 118 N Fu ton. Three two-story and base ment frame buildings (4) apart ments each.
Owner — W. R. Voorhies, 12 Loyol Terrace, San Francisco.
Architect—None. $7000 eac

DWELLING
(3896) W MMISSION 75 N Foot One-story and basement fram dwelling.
Owner—Luis Casanova, 40 Foote S San Francisco.
Architect—None.
Contractor—John P. Cuneo, 5079 Mi sion St., San Francisco. $60

ALTERATIONS
(3897) NO. 216 PINE. Construct offi partitions.
Owner—Alexander Boyd Estate, 2 Pine St., San Francisco.
Architect—None.
Contractor—I. M. Sommer & Co., 9 Bryant St., San Francisco. $10

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

PARTMENTS
(3898) N POST 110 E Steiner. Three-story and basement frame (12) apartments.
wner—Chas. J. U. Knenig, 520 Church St., San Francisco.
rchitect—None. $20,000

RAME FLATS
(3899) W SEVENTH AVE 169 N Cabrillo. Two-story and basement frame (2) flats.
wner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
rchitect—None. $6950

WELLING
(3900) E SEVENTH AVE 150 S Cabrillo, One-story and basement frame dwelling.
wner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
rchitect—None. $4000

WELLING
(3901) E TWENTY-FIFTH AVE 125 N Kirkham. One-story and basement frame dwelling.
wner—Gordon Taylor, 1448 25th Ave., San Francisco.
rchitect—None. $3600

RAME FLATS
(3902) S UNION 62½ W Gough. Three-story and basement frame (2) flats and store.
wner—V. Regel, 619 Washington St., San Francisco.
rchitect—J. A. Porporato, 619 Washington St., S. F. $10,000

LTERATIONS
(3903) SE FOLSOM & EIGHTH STS. Remove concrete wall; construct concrete floor; hollow tile partitions; new metal stairs (Laundry).
wner—Galland Laundry, premises.
rchitect—S. Heiman, 57 Post St., San Francisco, Calif.
ontractor—Barrett & Hilp, 918 Harrison St., San Francisco, Cal. $5,495

WELLING
(3904) E JULES AVE., 110 N Grafton. One-story and basement frame dwelling.
wner—McCarthy Co., 316 Bush St., San Francisco, Calif.
rchitect—None.
ontractor—Jas. Arnott & Son, 235 Granville Way, San Francisco, Cal. $4000

PARTMENTS
(3905) N McALLISTER 137' 6" E Larkin. Five-story and basement, reinforced concrete (29) apartments.
wner—J. Greenback, 49 Plato St., San Francisco, Cal.
rchitect—None. $40,000

LATS
(3906) W TWENTY-EIGHTH AVE., 265 288-9 312-6 336-3 S Geary. Four 2-story and basement frame (2 in each) flats.
wner—Simon Fraser, 770 Third Ave., San Francisco, Cal.
chitect—None.
ntractor—Thos. Hamil, 6140 Geary St., San Francisco, Cal. $6,000 each

VELLING
(3907) S DE MONTFORD 25 E Jules. One-story and basement frame dwelling.
wner—Jas. Arnott & Son, 235 Granville Way, San Francisco, Cal.
chitect—None.
y Work. $4000

VELLINGS
(3908) W FAXON AVE., 250 275 and 350 S Holloway. Three one-story and basement frame dwellings.
wner—Jas. Arnott & Son, 235 Granville Way, San Francisco, Cal.
chitect—None.
y Work. $4000 each.

VELLING
(3909) SE JULES & DeMONTFORD One-story and basement frame dwelling.
wner—Jas. Arnott & Son, 235 Granville Way, San Francisco, Cal.
chitect—None.
y Work. $4000

DWELLINGS
(3910) S KENSINGTON 108 138 168 198 and 228 E Claremont Blvd Five 2-story and basement frame dwellings.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco, Cal.
Architect—None.
Day Work. $4000 each.

COTTAGES
(3911) W FORTY-FIRST AVE., 150 N Cabrillo N 50xW120. All work for two six-room frame cottages.
Owner—J. Gray, 5326 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Oct. 18, '23. Dated Oct. 11, '23.
Frame up $2535
Brown coated 2535
Completed and accepted..... 2535
TOTAL COST, $10,140
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications f 4 plans and specifications, none.

COTTAGES
(3912) W FORTY-FIRST AVE 200 N Cabrillo N 50xW 120. All work for two six-room frame cottages.
Owner—Dr. C. P. Thompson, 5326 Geary Sa., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Oct. 18, '23. Dated Oct. 11, '23
Frame up $2535
Brown coated 2535
Completed 2535
Usual 35 days..... 2535
TOTAL COST, $10,140
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COTTAGES
(3913) E THIRTY-NINTH AVE 60 N Balboa N 75xE 120. All work for three frame cottages.
Owner—Wm. Klute, 5326 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Oct. 18, '23. Dated Oct. 17, '23.
Side and roof sheathing on....$3750
Brown coated 3750
Completed and accepted..... 3750
Usual 35 days..... 3750
TOTAL COST, $15,000
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

STORES
(3914) N BRYANT 425 E Third. Two-story concrete stores.
Owner—L. A. Myers, 68 Post St., San Francisco.
Architect—Samuel Lightner Hyman, 68 Post St., San Francisco.
Contractor—O. W. Britt, 1257 Arguello Blvd., San Francisco. $21,000

AUTO SALES BLDG.
(3915) NE HOWARD AND GRAND. One-story reinforced concrete auto sales building.
Owner—M. A. Harris and Elmer B. Stone, 26 Montgomery St., S. F.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Buschke & Brown, 185 Stevenson St., S. F. $20,000

APARTMENTS
(3916) SE SACRAMENTO & OCTAVIA Six-story and basement concrete Class C (47) apartments.
Owner—L. B. Ham, 110 Sutter St., S. F.
Architect—A. J. Horstmann. $95,000

THEATRE
(3917) S THIRD 41-3 N Quesada. Class A theatre and store building.
Owner—Otto Roeder, % Architect.
Architect—Chas. F. Strothoff and Gustave Stahlberg, 2274 15th St., San Francisco. $45,000

ALTERATIONS
(3918) NO. 147 BRONTE. Remove partitions and construct bath room in residence also 2-room addition with bath.
Owner—Ebber Walsinghaus, Premises.
Architect—None.
Contractor—Frank G. Wood, 251 Lobos Ave., San Francisco. $1000

FRAME FLATS
(3919) W FOURTEENTH AVE 143 S Anza. Two-story and basement frame (2) flats.
Owner—P. J. Phelan, 480 Funston Ave San Francisco.
Architect—None. $8000

DWELLING
(3920) S HOLLOWAY 25 W Capitol. One-story and basement frame dwelling.
Owner—Oscar Lind, 1162 Capitol Ave., San Francisco.
Architect—None. $2500

DWELLING
(3921) W NINETEENTH AVE 200 S Taraval. One-story and basement frame dwelling.
Owner—Schwartz & George, 837 Clement St., San Francisco.
Architect—None. $3000

DWELLING
(3922) S PETERS AVE 210 S Fair Ave. One-story and basement frame dwelling.
Owner—James Frisken, 74 Coleridge St., San Francisco.
Plans by Owner. $3000

STORE BLDG.
(3923) S OCEAN AVENUE 55 N Ashton One-story frame store.
Owner — Urban Realty Improvement Company, 39 Montgomery St., San Francisco, Calif.
Architects and Contractors—Leonard & Holt, 39 Montgomery St., San Francisco, Calif. $8000

CAR STORAGE
(3924) W HYDE 87-6 N Ellis, (rear of lot). One-story concrete car storage rooms.
Owner—M. A. Hunt, 1332 Lombard St., San Francisco, Cal.
Plans by owner. $2000

DWELLINGS
(3925) E TWENTY-THIRD AVE., 50 75 100 125 150 175 200 225 250 275 N Judah and E Twenty-third Ave., 100 125 150 175 200 225 250 275 S Irving. Eighteen 1-story and basement frame dwellings.
Owner—Jas. Arnott & Sons, 235 Granville Way, San Francisco, Cal.
Architect—None. $4000 each.

FRAME BLDG.
(3926) N MAGELLAN AVE 170 W Cortez W 33-4xN 100. All work except Tuft roofing, wall paper & electric fixtures for two-story frame building.
Owner—Berger and Rhoda C. Forsell, 316 Magellan Ave., San Francisco.
Architect—Edw. E. Young, 2002 California St., San Francisco.
Contractor—Dahlberg & Peterson, 330 Morega St., San Francisco.
Filed Oct. 19, '23. Dated Oct. —, '23.
Frame up $1322.75
Brown coated 1322.75
Standing trim on..... 1322.75
Completed and accepted..... 1322.75
Usual 35 days..... 1764.00
TOTAL COST, $7055.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(3927) E BRODERICK 60 S Greenwich S 27-6xE 87-6. All work for two-story frame flats.
Owner—Fred E. and Hazel M. Wilhelm, 720 Jones St., San Francisco.
Architect—None.
Contractor—J. C. Thomas, 5429 Geary St., San Francisco.
Filed Oct. 19, '23. Dated Sept. 7, '23.
As deposit .....$ 500
Roof on 2000
Brown coated 2000
Completed 2000
Usual 35 days..... 2000
TOTAL COST, $8500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING
(3928) NW BATTERY & SACRAMENTO W 275 x N 119-6. Glass for hollow metal partitions in 7-sto. class A bank bldg.
Owner—Federal Reserve Bank.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—W. P. Fuller & Co., Beale & Mission Sts., S. F.
Filed Oct. 19, 1923. Dated Oct. 10, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $5335

Bond, $2668; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, as required; Plans and specifications filed.

CARPENTER WORK ETC.
(3929) SIXTH AVE AND GEARY. Carpenter, plumbing, electric, plastering for alterations to W section of 2nd story of French Hospital.
Owner—La Societe Francaise de Bienfaisance Mutuelle.
Architect — Albert J. Fabre & E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.
Filed Oct. 19, 1923. Dated Oct. 3, 1923.
New work lathed 2362
Completed and accepted 2363
Usual 35 days 1575
TOTAL COST, $6300
Bond, $3150; Sureties, H. W. Gaetjen, John D. Davidson; Forfeit, $10; Limit, 60 days; Plans and specifications filed.

APARTMENTS
(3930) W FRANKLIN 93 S Filbert W 100xS 30. All work except plumbing, painting, finish hardware, shades and electric fixtures for frame apartments.
Owner—G. Bisio.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor — G. Ferroni & Sons, 1926 Filbert St., San Francisco.
Filed Oct. 19, '23. Dated Oct. 3, '23.
Frame up $5000
Brown coated 5000
Completed and accepted..... 5000
Usual 35 days..... 5000
TOTAL COST, $20,000
Bond, $10,000. Sureties, Pilade Carmiguani and Angelo Benedetti. Limit, 120 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3931) W FIFTEENTH AVE 325 S Irving S 25xW 120. All work for two-story and basement frame dwelling.
Owner—James F. Rooney, 229 Downey St., San Francisco.
Architect—None.
Contractor — August Hallgren, 311 Hayes St., San Francisco.
Filed Oct. 19, '23.. Dated Oct. 19, '23.
On execution of contract....$ 200.00
Roof on 1562.50
Finish coat plaster on..... 1562.50
Completed 1562.50
Usual 35 days..... 1562.50
TOTAL COST, $6450.00
Bond, limit, forfeit, plans and specifications, none.

DWELLING
(3932) E COTTER 28 S Alemany. One story and basement frame dwlg.
Owner—A. De Benedetti & Son, 22 Cotter St., San Francisco.
Architect—None. $4000

FLATS, ETC.
(3933) N CLEMENT 82-6 W Twenty-eighth Ave. Two-story and basement frame store and (2) flats.
Owner—Michael D. Hardiman, 423 38th Ave., San Francisco.
Architect—None. $7000

ADDITION
(3934) NO. 705 GREENWICH. Raise roof and make addition to stable.
Owner—G. Parma, Premises.
Architect—None.
Contractor—P. De Martini, 2869 Octavia St., San Francisco. $2500

FRAME FLATS
(3935) E LEAVENWORTH 98-10 S Lambard. Two-story and basement frame (2) flats.
Owner—Philip L Delucchi, 14 Eugenia St., San Francisco.
Architect—None.
Contractor—G. Carraro, 750 Felton St., San Francisco. $12,000

STORES
(3936) SW MISSION AND SYCAMORE One-story concrete stores.
Owner—B. Berry, 248 Russ Bldg., San Francisco.
Architect—J. G. Little Co.
Contractor—Diestel & Vezina, 248 Russ Bldg., San Francisco. $11,650

DWELLING
(3937) S PRECITA 295 E Coso. One-story and basement frame dwelling
Owner — John C. Schmidt, 1545 Treat Ave., San Francisco.
Architect — Adolf Schmidt, 1545 Treat Ave., San Francisco. $2000

DWELLING
(3938) W THIRTY-THIRD AVE 275 N Cabrillo. One-story and basement frame dwelling.
Owner—D. Tiscornia, 188 Bertita St., San Francisco.
Architect — None. $3000

MFG. PLANT
(3939) S TEHAMA 158-9 W Fifth. One-story reinforced concrete manufacturing plant.
Owner — Myers Safety Swith Co., % Architect.
Architect — Mel I. Schwartz, 1202 Nevada Bank Bldg., San Francisco.
Constr. Mgr.—Mel. I. Schwartz, 1202 Nevada Bank Bldg., S. F. $6000

ALTERATIONS
(3940) N TWENTY-FIRST 90 W Mission. Raise and alter for flats and store.
Owner—Ebenhauser Estate, 261 Valencia St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco. $4000

AUTO SALES BLDG.
(3941) NE HOWARD AND GRAND N 192-6 E 113-4 — 55 W 56-8 S 137-6 W 56-8. All work for one-story reinforced concrete Class C auto sales building.
Owner—M. A Harris and Elmer Stone, 26 Montgomery S., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Euschke & Brown, 185 Stevenson St., San Francisco.
Filed Oct. 20, '23. Dated Oct. 19, '23.
Concrete walls poured.....$6312.50
Roofing in place..... 6312.50
Completed and accepted..... 6312.50
Usual 35 days..... 6312.50
TOTAL COST, $25,250.00
Bond, $12,625. Sureties, Theo. De Pass and Frank Davison. Limit, Jan. 1, 1924. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(3942) NO. 1118 CHURCH ST. All work for alterations and additions to building.
Owner—Lydia and Lawrence Walter, Premises.
Architect—John Brymnen, 1280 Page St., San Francisco.
Contractor—I. E. Ulrich.
Filed Oct. 20, '23. Dated Oct. 15, '23.
House raised and moved.....$550
Brown coated 550
Completed and accepted..... 550
Usual 35 days..... 500
TOTAL COST, $2150
Bond, limit, forfeit, none. Specifications only filed.

RESIDENCE
(3943) LOT 4 AND NW PTN LOT 5 Blk 17, St. Francis Wood Extn. No. 1. All work for two-story and basement frame residence.
Owner—Bert Nordman.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Mangels Bros., 5792 Mission St., San Francisco.
Filed Oct. 20, '23. Dated Oct. 19, '23.
Frame up $3466.25
Brown coated 3466.25
Completed 3466.25
Usual 35 days..... 3466.25
TOTAL COST, $13,865.00
Bond, $6932.50 Sureties, Theresa Gamma and John A. F. Steimke. Limit, 130 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(3944) W EIGHTH AVE — S Irving 25x120. All work for two-story frame flat building.
Owner—Lucy P. Smith.
Architect—None.
Contractor—W. E. Grant, 1032 Irving St., San Francisco.
Filed Oct. 20, '23. Dated Oct. 17, '23.
Progressive payments as work progresses .....
TOTAL COST, $6500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(3945) NW BALBOA AND FORTY-sixth Ave. Two-story and basement frame dwelling.
Owner—Wm. Glindeman, 823 Fillmore St., San Francisco.
Architect—None.
Contractor — Marcus Marcussen, 485 California St., San Francisco. $12,000

APARTMENTS
(3946) SW CLEMENT AND TWENTY-third Ave. Three-story and basement frame stores and (8) apartments.
Owner—Joseph Varsi, 234 10th Ave., San Francisco.
Architect — Milton W. Morrison, 710 41st Ave., San Francisco.
Contractor—O. M. Oyen, 67 Carmel St., San Francisco. $25,000

FACTORY
(3947) SW HOWARD AND RUSS Two-story and basement concrete factory.
Owner — J. H. Hjul, 1342 Mission St. San Francisco.
Engineer—Plans by Owner. $15,000

APARTMENTS
(3948) S OAK 100 E Fillmore. Three story and basement frame (12 apartments.
Owner—Strand & Strand, 4 Steiner St. San Francisco.
Architect—H. C. Baumann and Edward Jose, 251 Kearny St., S. F. $20,000

DWELLING
(3949) S ROLPH 161.46 W Athens One-story and basement frame dwelling.
Owner — Thorinson & Stoneson Bros 2329 Sacramento St., S. F.
Architect—None. $350

DWELLINGS
(3950) E TWENTY-SECOND AVE 2 and 50 S Lincoln Way. Two two story and basement frame dwlgs.
Owner—W. E. Doud, 306 Bush St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $4000 each

REPAIRS
(3951) NO. 2261 UNION. Plastering, painting, papering and general repairs for residence.
Owner—J F. Murphy, Premises.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $52

DWELLING
(3952) S VICENTE 70 E Wawona. One story and basement frame dwlg.
Owner—Fernando Nelson & Sons, Inc 2 West Portal Park, S. F.
Architect—None. $350

DWELLING
(3953) E WAWONA 300 S Vicente One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc 2 West Portal Park, S. F.
Architect—None. $350

SERVICE STATION
(3954) NW BRANNAN AND SIXTH Streets. 1-story steel service station.
Owner—Shell Co. of Calif., 343 Sansome St., San Francisco.
Plans by owners. $140

DWELLING
(3955) N HOLLISTER 205 W Hawes 1-story and basement frame dwlg.
Owner—Henry Milanese, 3229 Jennings St., San Francisco.
Architect—G. Pordeni, 1009 Key Ave San Francisco.
Contractor—Gusalo Croggini 1009 Hyde St., San Francisco. $30

STORE & RESIDENCE
(3956) NE THIRD ST. & QUESAD Ave. 1-story and basement frame store and residence.
Owner—Geo. & Rose E. Peterson, 49 Third St. San Francisco.
Architect—None.
Contractor—Samuel H. Hansen, 15 Hudson Ave., S. F. $15,0

APARTMENTS
(3957) N BROADWAY bet. Octavia Laguna. All work for ornamental iron for apartment building.
Owner—The Heights.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., San Francisco.
Contractor—Michel & Pfeffer, Harrison and 10th Sts., San Francisco.
Filed Oct. 22, '23. Dated Oct. 4, '23

On 10th of each month... 75%
Usual 35 days, balance..... 25%
TOTAL COS. $3300
Bond, $1650. Surety, Fidelity & Deposit Co. of Maryland. Limit, none. Forfeit, none. Specifications only filed

BUILDING
(3958) E TWENTY-FIFTH AVE 175 N Judah N 25xE 120. All work for building.
Owner—Mary E. Carroll, Mill Valley.
Architect—None.
Contractor — Wm. H. Walthall, Mill Valley.
Filed Oct. 22, '23. Dated Oct. 8, '23.
Frame up and roof on.....$1100
Brown coated 1100
Completed 1100
Usual 35 days..... 700
TOTAL COST, $4000
Bond, none. Limit, 90 days. Forfeit, none. Specifications only filed.

DWELLING
(3959) SW ARLINGTON 363 W Roanoke. One-story and basement frame dwelling.
Owner—R. Hallenbarter, 235 Park St., San Francisco.
Architect—None. $3500

FRAME FLATS
(3960) W TWENTIETH AVE 150 N Fulton. Two-story and basement frame (2) flats.
Owner—Anna S. Ralston, 458 3rd Ave., San Francisco.
Architect—F. F. Ralston, 458 3rd Ave., San Francisco.
Contractor—F. F. Ralston, 458 3rd Ave San Francisco. $10,000

ALTERATIONS
(3961) E SCOTT 87-6 S Broadway. Remodel interior of residence, general repairs.
Owner—Georges de Latour, Kohl Bldg. San Francisco.
Architect—Howard & White, Lick Bldg San Francisco.
Contractor—Taylor & Goericke, Sharon Bldg., San Francisco. $5000

APARTMENTS
(3962) W ELEVENTH AVE 200 S Cabrillo Two-story and basement frame (4) apartments.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman, 619 27th Ave., San Francisco. $10,000

APARTMENTS
(3963) SW FRANKLIN AND FRANCISCO. Two-story and basement frame (3) apartments.
Owner—Capt. Edward Mason, 1258 Union St., San Francisco.
Architect—J. A. Porporato, 619 Washington St. S. F. $17,000

DWELLING
(3964) S FOERSTER 25 N Hearst. One-story and basement frame dwelling.
Owner—Joseph Plume, 6437 Geary St., San Francisco.
Architect—None. $3000

DWELLING
(3965) N GRATTAN 158-4 E Stanyan. Two-story and basement frame (2) flats.
Owner—David J. Peters, 244 Grattan St., San Francisco.
Architect—None.
Contractor—J. M. Gillogley, 745 San Jose Ave., San Francisco. $8000

DWELLINGS
(3966) E HEARST 112, 137, 162 and 187 N Foerster. Four one-story & basement frame dwellings.
Owner—John Brymner, Forester and Hearst Ave., San Francisco.
Architect—None. $3000 each

FACTORY
(3967) SE SEVENTH AND BRYANT. One-story and part mezzanine floor annex for factory.
Owner—Dr. Lewis Howe, 2735 Green St., San Francisco.
Architect—Arthur S. Bughee, 26 Montgomery St., San Francisco.
Contractor—Buschke & Brown, 185 Stevenson St., S. F. $4000
NOTE—To be occupied by Mutual Adding Mfg. Co.

BUILDING
(3968) SE EIGHTH AND FOLSOM. All work for 2-story class B concrete building.
Owner—Galland Mercantile Laundry.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Oct. 23, 1923. Dated Oct. 18, 1923.
Rein. steel in place $1373.75
Concrete poured 1373.75
Completed and accepted 1373.75
Usual 35 days 1373.75
TOTAL COST, $5495
Bond, Sureties, Forfeit, none; Limit, 45 days; Plans and specifications, none.

APT. HOUSE
(3969) E LEAVENWORTH 65-6 S Ellis. Concrete work etc. for 5-story and basement class C reinforced concrete apartment house.
Owner—M. Lager Val Franz, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Fred Moller & R. De Luca, Call Bldg., San Francisco.
Filed Oct. 23, 1923. Dated Oct. 22, 1923.
Concrete poured 2nd floor level $3375
Conc. poured 4th floor level.... 3375
Ready for roofer..... 3375
Ready for plasterer..... 3375
35 days after compl. of rough cement 3500
When side, basement floor and yard walk completed..... 1000
TOTAL COST, $18,000
Bond, Sureties, Forfeit, none; Limit, 120 days; Plans and specifications, none.

FRAME BUILDINGS
(3970) SE BRYANT 286-1½ SW Second SW 59-10½ SE 80 NE 59-10½ NW 80. All work except sewering, plumbing, gas fitting for two two-story frame buildings.
Owner—Smith O'Brien and C. B. Hobson, 742 Market St., San Francisco.
Architect—Smith O'Brien, 742 Market St., San Francisco.
Contractor—Buschke & Brown, 185 Stevenson St., San Francisco.
Filed Oct. 23, '23. Dated Oct. 18, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $11,610
Bond, $5805. Sureties, Frank Davidson and Theodore De Pass. Limit, Dec. 20, 1923. Forfeit, none. Plans and specifications filed.

(3971) SEWERING, PLUMBING AND gas fitting on above.
Contractor — Monihan & Slavin, 1554 Fulton St., San Francisco.
Filed Oct. 23, '23. Dated Oct. 18, '23.
Sewering, plumbing and gas piping roughed in $400
Completed 368
Usual 35 days..... 257
TOTAL COST, $1025
Bond, none. Limit, Dec. 15, 1923. Forfeit, none. Plans and specifications filed.

MARBLE WOORK
(3972) W MISSION AND ECKER SW 74 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. Marble work for building
Owner—Lucy H. and Edith W. Allyne, 2509 Gough St., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Joseph Musto Sons-Keenan Co., 535 North Point St., S. F.
Filed Oct. 23, '23. Dated Sept. 21, '23.
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, $1010
Bond, none. Limit, as required. Forfeit, none. Plans and specifications filed.

(3973) FABRICATION AND ERECTION in building 1 tank tower on above.
Contractor — Pacific Structural Iron Works, 370 10th St., S. F.
Filed Oct. 23, '23. Dated Sept. 28, '23.
Payments same as above.....
TOTAL COST, $1240
Bond, none. Limit, as required. Forfeit, none. Plans and specifications filed.

APARTMENTS.
(3974) E FILLMORE 105 4½ S Pacific Ave. Three-story and basement frame (12) apartments.
Owner—C. C. McKenzie & J. Prout, 515 Magellan Ave.
Architect—None.
Contractor—J. Prout, 515 Magellan Ave. $25,000

UNDERPINING.
(3975) 734 JACKSON STREET. Underpin east wall of brick stores & rooming house.
Owner—Chin Sin Foon & Chin Sin Parke, 631 Jackson St.
Architect—None.
Contractor—Thos. F. Mulcahy, 180 Jessie St. $1000

PARTITIONS
(3976) 310 MISSION STREET. Install office partitions and fixtures in 2nd, 3rd and 4th floors.
Owner—Messrs. L. H. & E. W. Allyne, 2609 Gough st.
Architect—None.
Contractor—C. L. Rouleau, 7 Moss Ave., Oakland. $3,450.

DWELLING
(3977) S STILLMAN 355 E Fourth One-story and basement frame dwelling.
Owner—John Landon, 184 Stillman st.
Architect—None. $2,500

DWELLING.
(3978) E SEVENTEENTH AVENUE, S Geary. One-story and basement frame dwelling.
Owner—David Leigh, 840 44th Ave.
Architect—None. $5,000

APARTMENTS.
(3979) S SEVENTEENTH 134 E Church. Two-story and basement frame (4) apartments.
Owner—Miss Winifred Gaffney, 824 Castro St.
Architect—Geo. N. Wiemeyer, 76 Eureka St.
Contractor—R. H. Kelly, 57 Grattan Street. $14,000

DWELLINGS
(3980) E THIRTY-NINTH AVE., 60 85 110 N Balboa. Three 1-story and basement frame dwellings.
Owner—Wm. Klute, 5326 Geary St.
Architect—None.
Contractor—Meyer Bros., 5326 Geary Street. $4,000 each

APARTMENTS
(3981) SE TAYLOR & Ellis Sts. Six story and basement concrete (40) apartments.
Owner—W. F. Perkins, C-O architect.
Architect—Edward E. Young, 2002 California street. $90,000

DWELLINGS.
(3982) E THIRTY-EIGHTH AVE., 200 225 250 S Lincoln Way. Three 1-story and basement frame dwellings.
Owner—St. Francis Realty Co., 410 Claus Spreckels Bldg.
Architect—None. $4,000 each

DWELLING.
(3983) E WAWONA 109 S Vicente. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc.
Architect—None. $3,800

BUILDING
(3984) SW MISSION & SYCAMORE S 35 x W 80 M B 64. All work for building.
Owner—B. S. Berry, 248 Russ Bldg S F
Architect—J. G. Little & Co., 251 Kearny St., San Francisco.
Contractor—Diestel & Vezina, 248 Russ Bldg., San Francisco.
Filed Oct. 24, 1923. Dated Oct. 19, 1923.
When walls poured $2184.38
Brown coated 2184.37
White coated 2184.38
Completed and accepted 2184.37
Usual 35 days 2912.50
TOTAL COST, $11,650
Bond, $5825; Sureties, S. W. Band and Edwin T. Petersen; Forfeit, $10; Limit, 70 days after Oct. 22, 1923; Plans and specifications, none.
NOTE—Permit reported Oct. 22, 1923 No. 3936.

MILL WORK
(3985) S JACKSON 124-3 E Franklin E 56-3 x S 127-8¾. Remainder of mill work to complete original contract.
Owner—E. H. Brownstone & I. R. Kissel, 1540 Polk St., San Francisco.
Architect—Bliss & Faville, Balboa Bldg San Francisco.
Contractor—Pacific Manufacturing Co., 177 Stevenson St., S. F.
Filed Oct. 24, 1923. Dated Sept. 25, 1923

Monthly 75%
Usual 35 days 25%
TOTAL COST, $9675

Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

REPAIRS
(3986) S JACKSON BET. VAN NESS ave. and Franklin. Repairs to Brownstone apartments.
Owner—E. H. Brownstone and L. R. Kissel, 1540 Polk St., San Francisco.
Architect—Bliss & Faville, Balboa Bldg San Francisco.
Contractor—Felix Daspit, 2330 Pine St. San Francisco.
Filed Oct. 24, 1923. Dated Oct. 10, 1923
Monthly 75%
Usual 35 days 25%
TOTAL COST. $4485

Bond, $2242.93; Sureties, Indemnity Insurance Co.; Forfeit, none; Limit, 30 days after plaster done; Plans, none; Specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Oct. 18, 1923—LOTS 21, 15, 18 AND 17 Blk 6468-A Harder & Daniels Tract. Harry A Kelley to whom it may concern.....Oct. 3, 1923

Oct. 18, 1923—NW SCOTT & UNION. Union Trust Co. of S F and Charles H Lovell Trs Est Charles G Lathrop decd to The Crown Electric Co. Matthies & Gale and Fred Wagner .....October 5, 1923

Oct. 18, 1923—NW DERBY & MASON N 604xW 77-6. Spring Valley Water Co to Joseph Musto Sons-Keenan Co.....Oct. 15, 1923

Oct. 18, 1923—NW DERBY & MASON N 60xW 77-6. Spring Valley Water Co to A Knowles.....Sept. 20, 1923

Oct. 18, 1923—NW DERBY & MASON N 60xW 77-6. Spring Valley Water Co to C H Jensen & Co and Hermann Safe Co.....Oct. 9, 1923

Oct. 18, 1923—NW DERBY & MASON N 60xW 77-6. Spring Valley Water Co to United States Metal Products Co.....Oct. 10, 1923

Oct. 18, 1923—W WEBSTER 51 S Greenwich. Marie Monteverdi to T L and T F Sharman.....Oct. 17, 1923

Oct. 18, 1923—NW GEARY & LEAVENWORTH W 80xN 62-6. Annie Driscoll to Golden Gate Iron Works.. .....Oct. 13, 1923

Oct. 18, 1923—N TWENTY-SIXTH 228 E Church E 36xN 114. Albert W Clifford to whom it may concern .....October 11, 1923

Oct. 18, 1923—NO. 906 McALLISTER. M J Reeves to Geramin Marty... .....October 11, 1923

Oct. 18, 1923—E SAN RAPHAEL Way 115 N Darien Way N 40xE 100. Fred K Perry to whom it may concern.....Oct. 17, 1923

Oct. 18, 1923—W FRANKLIN 82-6 N Francisco N 55xW 100. Hattie M Mervy to whom it may concern... .....Sept. 27, 1923

Oct. 18, 1923—N O'FARRELL 75 E Taylor E 62-6xN 137-6. Alexander Boyd Estate to H L Petersen..... .....October 15, 1923

Oct. 18, 1923—NW FRANCISCO & Van Ness Ave N 37-6xW 123. J A Hart and Otto F E Burmeister to whom it may concern..Oct. 12, 1923

Oct. 18, 1923—N FULTON 85 W Thirty-third Ave. W 35 N 100 E 30 S 71 E 5 S 29. Samuel F Johnson to whom it may concern..Oct. 18, 1923

Oct. 18, 1923—SE TWENTY-SECOND Ave and Geary 51-8 on Geary and 100 on 22nd Ave. W R Savage to whom it may concern..Oct. 18, 1923

Oct. 18, 1923—W FAXON AVE 225 S Holloway S 25x W112-6 Lot 40 Blk 22, Lakeview. Jas A Arnott to Jas Arnott & Son.....Oct. 10, 1923

Oct. 18, 1923—E LEE AVE 150 S Holloway Ave S 25xE 112-6 Lot 23 Blk "E" Lakeview. Jas A Arnott to Jas Arnott & Son....Oct. 10, 1923

Oct. 18, 1923—LOTS 18 AND 19 BLK "C" Lakeview. Jas A Arnott to Jas Arnott & Son.....Oct. 10, 1923

Oct. 18, 1923—LOTS 35 AND 28 BLK 18, Lakeview. Jas A Arnott to Jas Arnott & Son.....Oct. 10, 1923

Oct. 18, 1923—W GRANADA AVE 200 N Lakeview Ave N 25xW 112-6 Lot 46 Blk 12, Lakeview. Jas A Arnott to Jas Arnott & Son..... .....October 10, 1923

Oct. 19, 1923—W TWENTY-SECOND Ave 208 S Irving S 26xW 120. M C Rench to whom it may concern .....Oct. 18, 1923

Oct. 19, 1923—E CHURCH bet. 15th and 16th 305 Church. Wm Steinhauser to Thomas M Jones..... .....Oct. 13, 1923

Oct. 19, 1923—75 FT. N KIRKHAM. Alpheus Duffee to whom it may concern.....Oct. 18, 1923

Oct. 19, 1923—W TWENTY-FIRST Av 235 N Fulton N 25xW 120. John Little to whom it may concern.. .....October 17, 1923

Oct. 19, 1923—COMG 200 E GENESsee 25 E alg S Joost Ave bet Genesee and Foerster. Belle Davis to whom it may concern..Oct. 15, 1923

Oct. 19, 1923—S BAY 156-3 E Gough S 120xE 25. Minnie V Alibertini to John Harder.....Oct. 19, 1923

Oct. 19, 1923—NW MADRID 25 NE France Ave NE 25xNW 100. Annie D Barman to whom it may concern .....Oct. 14, 1923

Oct. 19, 1923—E WEBSTER bet. Clay and Sacramento. Board of Trustees of Leland Stanford Jr University to John Downey...Sept. 19, 1923

Oct. 20, 1923—SE DIVISADERO AND Clay — 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Sixth Church of Christ Scientist to Carlin Grading Co.....Oct. 10, 1923

Oct. 20, 1923—W SANTA ANA AVE 115 N Darien Way being N 25 ft. Lot 7 and S 15 ft. Lot 6 Blk 3253 Balboa Terrace. O M Hueter to Boxton & Zwieg.....Oct. 1, 1923

Oct. 20, 1923—N MISSION AND FREmont NE 137-6xNW 137-6. Josephine C McCormick. Isabelle Cebrian and Maria C De Caleya to Roy Geary (as Geary Floor Co.), Oct 15, 1923; Pacific Fire Extinguisher Co.....Oct. 17, 1923

Oct. 20, 1923—S JERSEY 130 Diamond E 30x114. Mrs Geo W Drane to Emil Mander.....Oct. 19, 1923

Oct. 20, 1923—LOTS 12, 13, 14 AND 15 Blk bounded by Balboa, Anza 24th and 25th Aves. Pasific Gas & Electric Co to Herman Bosch..... .....October 14, 1923

Oct. 20, 1923—LOT 15 BLK 6468-A. Harder & Daniels Mission Terrace. Wm C McIntosh to whom it may concern.....

Oct. 20, 1923—LOT 16 BLK 6468-A. Harder & Daniels Mission Tract. Victor Holmgren to whom it may concern.....

Oct. 22, 1923—E TWENTY-FIFTH Ave 150 S Cabrillo S 75xE 120. Patrick J Feerick to whom it may concern.....Oct. 22, 1923

Oct. 22, 1922—E VIENNA 100 and 125 S France, 25x100. Joseph Novello to whom it may concern.Oct. 22, 1923

Oct. 22, 1923—E ROSEMONT PLACE 185 N Fourteenth th alg E Rosemont Place 30xS 130. Franciska Bruckner to whom it may concern .....Oct. 16, 1923

Oct. 22, 1923—W ASHBURY 152 S Frederick S 25..... Marks and Lyda Gros to Mattock & Feasey... .....Oct. 19, 1923

Oct. 22, 1923—N BRANNAN AND Second NW 160xNE 100. Los Angeles Soap Co to Heidt Cornice Works and Lamson Co...Oct. 12, 1923

Oct. 22, 1923—N BRANNAN AND Second NW 150 NE 100 SE 160 SW 100. Los Angeles Soap Co to Central Iron Works and J P Fraser.. .....October 13, 1923

Oct. 22, 1923—W HARTFORD 220 N Twentieth N 27-6xW 125. John Speckman to Jenkins & Gross..... .....October 5, 1923

Oct. 22, 1923—LOTS 3 4 5 BLK 3162 Westwood Park. Hans & Esther E. Nelson to whom it may concern.. .....Oct. 20, 1923

Oct. 22, 1923—W FORTY-FIFTH AVE 60 N Anza N 30 x 90. A. W. Erickson to G. E Watson....Oct. 15, 1923

Oct. 22, 1923—W FORTY-FIFTH AVE N Anza N 30 x 90. M. Forstman to G. E. Watson .....Oct. 15, 1923

Oct. 22, 1923—W FORTY-FIFTH AVE 90 N Anza N 30 x 90. M. Forsmann to G. E. Watson.....Oct. 15, 1923

Oct. 22, 1923—E SIXTEENTH AVE 125 N Fulton. Louis F. Geiss to J. Kann .....April 1, 1923

Oct. 22, 1923—W FORTY-FOURTH Ave. 50 S Clement 25 x 120. A. G. Bennett to whom it may concern..

Oct. 22, 1923—E YORK 145 N 34rd N 75 x E 100. Joseph M. Sala to Thos F. Mitchell .....Oct. 19, 1923

Oct. 22, 1923—S BDY MIRANDA Grant with w line Lyon W 92.07 N 277.87 E 57-9 S 279.84. Carlo Matraia to P. Hurley, Oct. 19, 1923; Herrings Mill Inc. .....Oct. 17, 1923

Oct. 22, 1923—A THIRTY-FOURTH Ave 100 S Taraval S 50 x E 120 Samuel L. Hannah Friedman to Ernest Swanson .....Oct. 9, 1923

Oct. 22, 1923—PTN LOTS 19, 20 AND 21 Blk 3166, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Oct. 18, 1923

Oct. 23, 1923—S FRANCISCO 125 W Franklin 25x137-6. Wm Ringen to Harry L Sandow.....Oct. 6, 1923

Oct. 23, 1923—COM. 175 S Anza and 25 due SW 120 on straight line th due N on straight line th 120 due E known as No. 631 39th Ave. G M Hantzsche to whom it may concern.....Oct. 22, 1923

Oct. 23, 1923—W BRODERICK 50 N Hayes N 30xW 112-6. George and Elizabeth Furey to E J Montgomery.....Oct. — 1923

Oct. 23, 1923—N BRANNAN & SECond NW 160xNE 100. Los Angeles Soap Co to Pacific Fire Extinguisher Co, Oct. 18; Malott & Petterson, Oct. 15; James Cantley Roofing Co, Oct. 15; Lawson & Drucker, Oct. 18 and United States Metal Products.....Oct. 15, 1923

Oct. 23, 1923—N CLIFORD 107-1¼ E Upper Terrace 27-6x88. Edward H and Edna M Hansen to McCauley & Weber.....Oct. 22, 1923

Oct. 23, 1923—NO. 1324 WILLARD. Mrs Alfa Rankin to Jack Callaghan

Oct. 23, 1923—S SUTTER 217-6 E Montgomery E 57-6 S 119-4¼ m or l SW 71-10½ N 159-9⅞ m or l. Provident Securities Co to Watts Electric Co.....Oct. 20, 1923

Oct. 23, 1923—NE POWELL 81-6 NW Hanover NW 25xNE 78. Maybell Pinkerton to whom it may concern.....Oct. 22, 1923

Oct. 23, 1923—N MISSION & FREmont NE 137-6xNW 137-6. Josephine C McCormick, Isabelle and Beatrice Cebrian and Maria C de F de Caleya to W P Fuller & Co.... .....Oct. 16, 1923

Oct. 24, 1923—SE JACKSON & TAYlor 206-3 on Jackson and 103-6 on Taylor. Joseph Bauer to Charles Heyer Jr.....Sept. 22, 1923

Oct. 24, 1923—SE FOLSOM 225 NE Nineteenth NE 25xSE 90. Edward and Henrietta Lewis to Charles Schwarz.....Oct. 23, 1923

Oct. 24, 1923—SE BUSH & SANSOME 97x97 No. 60 Sonsome. The Continental Ins. Co. and The Fidelity Phoenix Fire Inc Co to Steinmetz Electric Co.....Oct. 20, 1923

Oct 24, 1923—N ROLPH 150 E Madrid 25x100. A J McDonald to whom it may concern..Oct. 24, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Oct. 18, 1923—S PAGE 141-3 W Masonic Ave W 25xS 137-6. Ben Green vs Wm and Mollie Greendorfer and R B Lewis.....$24.60

Oct. 19, 1923—E SEVENTH AVE 150 S Judah S 25xE 120. Golden Gate Building Materials Co vs Carew W and Charles Peck and Antone Petersen and W P King Co.....$106.34

Oct. 20, 1923—N LAKE 90 W 12th Ave W 30xN 72. Leonard Lumber Co vs John H Kohlmoor and H J Hansen $2555.55

Oct. 20, 1923—S BROADWAY 160 E Leavenworth 46x60. Christensen Lumber Co vs Wm H Depew and R Ehrhart (as R Ehrhart Co)..$1630

Oct. 24, 1923—S DUNCAN 235 W Guerrero W 25xS 106. M J McVeigh vs Allen L and Cecelia McGinn $45

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Oct. 18, 1923—S BUSH 186 W Steiner W 36-6 S 137-6 E 36-6 N 7-6 No. 2345 Bush. P E O'Hair & Co to Gus and Annie Brendt.....$153.67

Oct. 22, 1923—N SACRAMENTO 200-6 W Franklin. J A Black to A F Frick $704.95

Oct. 23, 1923—S BUSH 186 W Steiner W 36-6xS 137-6. Leverett T Spaulding to Annie and Gus Berndt and Geo A Williams.....$390

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Oct. 20, 1923—SW FILLMORE AND Ellis No. 1347 Fillmore. Estate Paul M Fatjo as to improvements on property .....

Oct. 23, 1923—S BROADWAY 155 W Gough W 66-3¾xS 120. Louise H Mahony as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
843	Pavert	Owner	15800
844	Pavert	Owner	15800
845	Pavert	Owner	27650
846	Byron Jackson	Schneider	2000
847	Saulsbrry	Van Ness	2000
848	Bradley	Henderson	2000
849	Smith	Owner	5000
850	St Mary	Owner	3500
851	Early	St. Mary	5000
852	Melvin	Owner	2500
853	Meline	Meline	2500
854	Menke	Macgreger	3900
855	Allyn	Stockholm	1000
856	Morgensen	Owner	15000
857	Remking	Owner	1500
858	Trathier	Moak	2500
859	Early	St. Mary	2500
860	Galeria	Matheyer	3000
861	Whitehouse	Matheyer	3000
862	Field	Owner	4000
863	Benfer	Owner	3500
864	Day	Sheridan	1500
865	Hillen	Owner	8000
866	Kirkland	Petersen	9227
867	O'Leary	Flittner	5610
868	Still	Owner	8000
869	Dunn	Owner	1000
870	Quental	August	1000
871	Booth	Warner	15000
872	Webb	Webb	1000
873	Scott	Henderson	4000
874	Reinhart	Owner	35000
875	Truiberti	Owner	3500
876	Remmell	Olson	1800
877	Hammerberg	Owner	5000
878	Saroni	Pond	16000
879	Williams	Owner	3000
880	Pagni	Owner	1000
881	Namanny	Roust	4730
882	Peterson	Potter	2000
883	O'Leary	Flittner	5300
884	Ghiretti	Campomenosi	4000
885	Wessels	Sorensen	91730
886	Lawton	Thompson	4000
887	Perry	Wishart	1875
888	Kuttil	Owner	2000
889	Jansen	Owner	2700
890	McChesney	Owner	5500
891	Stronch	Pedgrift	4000
892	Cozenave	Alves	2200
893	Dunn	Cal.	15000
894	Lassen	Lassen	5000
895	Matteson	Owner	2800
896	Vlack	Owner	3000
897	Zolski	Constable	3500
898	Cal.	Kopf	2400
899	Williams	Reed	6000
900	Leonard	Anderson	2800
901	Lewis	Patterson	3000
902	Washington	Butterfield	9500
903	Lichens	Owner	30000
904	Same	Same	1500
905	Same	Same	2500
906	Hunter	Owner	3000
907	Craig	Owner	3500
908	Pennycotte	Owner	3500
909	Hanner	Owner	3200
910	Austin	Owner	3000
911	Lieurence	Lawrence	1000
912	Pratt	Owner	10000
913	Liberty	Brumfield	1400
914	Fennelly	Owner	3750
915	Keaton	Frazie	3700
916	Green	Woollpy	4200
917	Goranson	Owner	2950
918	Hageman	Owner	2500
919	Clement	Hewitt	2000
920	Norcross	Paul	2800
921	Portlock	Owner	1800
922	Marquis	Owner	4000
923	Branch	Crane	6000
924	M E Church	Cuthbertson	40000
925	McCash	Franks	6800
926	Weston	Owner	4000
927	Theile	Owner	4900
928	Hudson	Owner	1500
929	Weaver	Owner	6900
930	Rollar	Rollar	6000
931	Coward	Owner	4500
932	Comotto	Begler	4000
933	Ritter	Nichols	2500
934	Laureaux	Van Horn	1500
935	Johanson	Owner	24000
936	Foster	Nichols	1100
937	Brodie	Marshall	10500
938	Pearce	Owner	3000
939	Lambert	Gresham	2500
940	Potter	Houck	7500
941	Heeseman	Leiter	3200
942	Bramlage	Bramlage	8000
943	Berggren	Carlson	5500
944	Conover	Conover	5000
945	Edwards	Edwards	3000
946	Hardy	Owner	4000
947	Divelli	Owner	2500
948	Retkin	Fagerstrom	1500
949	Lundermann	Owner	2500
950	Haltren	MacGregor	3950
951	Hartkop	Sime	3500
952	Castberg	Owner	4000
953	Sumile	Owner	3000
954	Oszdorff	Owner	15000
955	Depue	Wood	1700
956	Brown	Schmidt	6000
957	Rusco	McCord	5400
958	Baughman	Calif Bldrs	6000
959	Quintal	Metz	1550
960	Ball	Stewart	2000
961	Gastman	Owner	2750
962	Dray	Muller	5500
963	Adams	Raines	2000
964	Smith	Been	3000
965	Jockstad	MacDonald	4000
966	Wisl	Oak. Bldrs.	2500
967	Chevrolet	Owner	8500
968	Chevrolet	Owner	212000
969	Chevrolet	Owner	4500
970	Dryline	Shrader	1527
971	Briscelle	Owner	3000
972	Oak. Bank	Heyer	5500
973	Newman	Owner	3000
974	Clift	Westerlund	6000
975	Hartkop	Sims	3040

DWELLINGS
(4843) 1708 1710 1714 1748 VIRGINIA Berkeley, 4 1-story 6-room dwlgs.
Owner—R. J. Pavert, Mercantile Trust Bldg., Berkeley.
Architect—None. $3950 ea

DWELLINGS
(4844) 1717 1715 1711 1709 FRANCISco, Berkeley. 4 1-story 6-room dwellings.
Owner—R. J. Pavert, Mercantile Trust Bldg., Berkeley.
Architect—None. $3950 ea

DWELLINGS
(4845) 1721 1719 1715 1711 1707 1705 1701 McGee, Berkeley. 7 1-story 6-room dwellings.
Owner—R. J. Pavert, Mercantile Trust Bldg., Berkeley.
Architect—None. $3950 ea

FOUNDRY
(4846) 2629 SEVENTH ST., Berkeley. Foundry.
Owner—Byron Jackson Iron Works.
Architect—None.
Contractor—F. J. Schneider, 810 60th St Oakland. $2000

DWELLING
(4847) 3034 DEAKIN, Berkeley. 1-sto. 3-room dwelling.
Owner — Saulsberry, 3032 Decker St., Berkeley.
Architect—None.
Contractor—L. E. Van Ness, 2136 Hopkins St., Oakland. $2000

Diamonds—

Every One Blue-White

This firm handles only brilliant, flashing blue-white stones—the finest obtainable.

Liberal terms extended to persons permanently established and with a good reputation for paying their bills.

The House of Samuels Co. JEWELERS

33 Kearny 895 Market

GARAGE
(4848) 1820 SCENIC, Berkeley. Garage
Owner—E. C. Bradley.
Architect—None.
Contractor—E F Henderson 5744 Keith Ave., Oakland. $2000

DWELLING
(4849) 576 THE ALAMEDA, Berkeley. 1-story 7-room dwelling.
Owner J. Harry Smith, 508 Lexington, Berkeley.
Architect None. $5000

DWELLING
(4850) E AUSEON AVE. 50 N Plymouth, Oakland, 1-story 5-room dwlg
Owner Joe St. Mary, 9411 E-14th St., Oakland.
Architect—None. $3500

DWELLING
(4851) N ALMOND ST. 80 & 115 E-94th Ave., Oakland, 2 1-story 4-room dwellings.
Owner J. J. Early, San Francisco.
Architect—None.
Contractor—Joe St. Mary, 9411 E-14th St., Oakland. $2500 ea

DWELLING
(4852) 1756 EIGHTY-FIFTH AVE., Oakland, 1-story 4-room dwelling.
Owner—H. L. Melvin, 950 Union St., Oakland.
Architect—None. $2500

DWELLING
(4853) 1750 EIGHTY-FIFTH AVE., Oakland, 1-story 4-room dwelling.
Owner—J. F. Meline, 950 Union St., Oakland.
Architect—None.
Contractor—H. L. & J. F. Meline. $2500

DWELLING
(4854) 9226 E ST., Oakland, 1-story 6-room dwelling.
Owner—A. Menke, 9229 D St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3900

ALTERATIONS
(4855) SW COR. GROVE AND TWENtieth St., Oakland. Alteration.
Owner—B. C. Allyn, 316 Lenox Ave., Oakland.
Architect—None.
Contractor—Stockholm & Son, Monadnock Bldg., S. F. $1000

DWELLINGS
(4856) 734 740 746 HADDON ROAD, Oakland. 3 1-story 6-room dwlgs.
Owner—Morgensen Bros., 5664 Broadway, Oakland.
Architect—None. $5000 ea

DWELLING
(4857) S HOPKINS 347 W 38th Ave., Oakland, 1-story 3-room dwelling.
Owner—A. F. Reinking, 3531 Margels Ave., Oakland.
Architect—None. $1500

DWELLING
(4858) 6108 HARMON, Oakland. 1-story 4-room dwelling.
Owner—A. H. Trathier, 2226 Courtland Oakland.
Architect—None.
Contractor—F. G. Moak, 4417 Pampas Ave., Oakland. $2500

DWELLING
(4859) E NINETY-FOURTH AVE. 37 N Almond St., Oakland, 1-story 4-room dwelling.
Owner—J. J. Early, San Francisco.
Architect—None.
Contractor—Joe St. Mary, 9411 E-14th St., Oakland. $2500

DWELLING
(4860) 4201 REDDING, Oakland. 1-story 5-room dwelling.
Owner—Jos. F. Galeira.
Architect—None.
Contractor—L. B. Matheyer & Co., 1369 Hopkins St., Oakland. $3000

DWELLING
(4861) S REDDING ST. 105 W Mayhelle Ave., Oakland, 1-story 5-room dwelling.
Owner Emma M. Whitehouse.
Architect—None.
Contractor—L. B. Matheyer Co., 1369 Hopkins St., Oakland. $3000

DWELLING
(4862) 821 VERMONT ST., Oakland. 1-story 6-room dwelling.
Owner—E. Field, Am. Bank Bldg., Oakland.
Architect—None. $4000

DWELLING
(4862) S WELLINGTON ST. OPP. Leach St., Oakland. 1-story 5-room dwelling.
Owner—Myron Benfer, 1805 Alice St., Oakland.
Architect—None. $3500

ALTERATIONS
(4864) 300-4-6-8 WEBSTER ST., Oakland. Alterations.
Owner—R. S. Day.
Architect—None.
Contractor—Phil. Sheridan. $1500

DWELLING
(4865) 5440 YGNACIO AVE., Oakland. 1-story 8-room 2-family dwelling.
Owner—R. C. Hillen, 5364 Trask St., Oakland.
Architect—None. $8000

BUILDING
(4866) LOT 8 BLK G MAP RESUBdivision Blk G Alton Park, Oakland 1-story class C automotive building.
Owner—A. W. Kirkland, 429 Staten, Oakland.
Architect—C. N. Burrell, Oakland.
Contractor—Peter Petersen, 1252 Sherman, Oakland.
Filed Oct. 18, 1923. Dated Oct. 18, 1923.
Masonry wk scaffold high....$1384
Masonry wk up to truss seats.. 1384
Roof on 1384
Enclosed 1384
Completed and accepted 1384
Usual 35 days 2307
TOTAL COST, $9227
Bond, Sureties, Forfeit, none; Limit, 40 days; Plans and specifications filed.

DWELLING
(4867) NW THIRTY-FOURTH AVE. 824.95 NE E-14th St. NW 139.80 for pt begin NW 130 NE 50, Oakland. All work for 1-story 6-room dwlg. and garage.
Owner—Ella R. O'Leary, 1526 67th Ave Oakland.
Architect—None.
Contractor—Jos. Flittner 1700 35th Ave Oakland.
Filed Oct. 18, 1923. Dated Oct. 18, 1923.
Frame up $1410
Brown coated 1400
Completed and accepted 1400
Usual 35 days 1400
TOTAL COST, $5610
Bond, Sureties, none; Forfeit, $5 day; Limit, 90 days; Plans and specifications filed.

FLATS
(4868) 1753-5-7-9 BERKELEY WAY, Oakland. 2-story 12-room flats.
Owner—Wains Still, 2132 Browning St., Oakland.
Architect—None. $8000

ADDITION
(4869) 9835 BURR ST., Oakland. Addition.
Owner—Wm. Dunn, premises.
Architect—None. $1000

ALTERATION
(4870) 1847 E-FOURTEENTH ST., Oakland. Alterations.
Owner—J. Quental, 1840 E-14th St., Oakland.
Architect—None.
Contractor—Manuel August, 913 Bancroft Way, Berkeley. $1000

GARAGE
(4871 NW COR. E-FOURTEENTH & 41st Ave., Oakland. 1-story brick and concrete garage.
Owner—C. S. Booth.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland, Oakland. $15,000

ADDITION
(4872) 4663 FAIR AVE., Oakland. Addition.
Owner—T. W. Webb, premises.
Architect—None.
Contractor—Webb & Whalin. $1000

DWELLING
(4873) 1956 EL DORADO, Oakland. 1-story 6-room dwelling.
Owner—R. V. Scott.
Architect—None.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $4000

STORES ETC.
(4874) SE COR. FIFTY-FIFTH AND Grove Sts., Oakland. 2-story frame stores; offices and apts.
Owner — Aurelia H. Reinhart, Mills College, Oakland.
Architect—None. $35,000

DWELLING
(4875) N FORTY-THIRD ST. 30 W Market, Oakland. 1-story 5-room dwelling.
Owner—T. Truiberti, 44th and Grove Sts., Oakland.
Architect—None. $3400

DWELLING
(4876) E HILLVIEW ST. 135 S Madeline, Oakland. 1-story 3-rm. dwlg.
Owner—W. Remmell.
Architect—None.
Contractor—A. Olson, 1704 55th Ave., Oakland. $1800

DWELLING
(4877) 859 INDIAN ROCK AVENUE, Oakland, Cal. Two-story 6-room dwelling.
Owner—Albert Hammerberg, 743 Alcatraz Ave., Oakland.
Architect—None. $5000

DWELLINGS
(4878) W SIXTY-EIGHTH AVE 300 340 380 420 N Avenal, Oakland. Five 1-story 5-room dwellings.
Owner—Louis Saroni, 733 Battery St., San Francisco, Calif.
Architect—None
Contractor—C. P. Pond, 6664 E Fourteenth St., Oakland, Cal. $3200 each.

DWELLING
(4879) 3387 SIXTY-FOURTH AVE., Oakland. One-story dwelling.
Owner—E. L. Williams, prem.
Architect—None. $3000

ALTERATION
(4880) SW COR SEVENTH & Campbell Sts, Oakland. Alterations.
Owner—S. Pagni, Oakland, Cal.
Architect—None. $1000

ALTERATION-ADDITION.
(4881) 6401 SHATTUCK, Oakland. Alteration and addition.
Owner—Mrs. P. Mamanny, prem.
Architect—None.
Contractor—A. Roust, 6508 Raymond St., Oakland, Cal. $4730

ALTERATIONS
(4882) 582 THIRTY - NINTH ST., Oakland, Cal. Alterations.
Owner—A. Peterson, 28 Yosemite Ave., Oakland, Cal.
Architect—None.
Contractor—Geo. R. Potter, 19 Randwich, Oakland, Cal. $2000

DWELLING
(4883) E THIRTY-THIRD AVE. 850 NE Fourteenth St., Oakland. One-story 6-room dwelling.
Owner—Mrs. Ella O'Leary, 1526 Sixty-seventh Ave., Oakland, Cal.
Architect—None.
Contractor—Jos. Flittner, 1700 Thirty-fifth Ave., Oakland, Cal. $5300

DWELLING
(4884) 2239 THIRTY-EIGHTH AVE., Oakland, Cal. One-story 5-room dwelling
Owner—P. Ghiretti, 6231 Thirty-eighth Ave., Oakland, Cal.
Architect—None.
Contractor — E. Campowenosi, 5238
Contractor — E. Campomenosi, 5238 Lawton Ave., Oakland, Cal. $4000

APARTMENTS
(4885) S DURANT AVE. 150 E Dana St., Berkeley. All work for 3-story apartments.
Owner—J. J. Wessels, 2500 Durant Ave. Berkeley.
Architect — W. H. Ratcliff, 1st Natl. Bank Bldg., Berkeley.
Contractor—Walter Sorensen, 3221 Ellis St., Berkeley.
Filed Oct. 19, 1923. Dated Oct. 18, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $91,730.50
Bond, Sureties, Forfeit, none; Limit, 125 days; Plans and specifications filed.

DWELLING
(4886) LOT 6 BLK 36 FAIRMONT Park, Albany, 1-story dwelling and garage.
Owner—Rose E. Lawton, 3268 Hannah Oakland.
Architect—Vincent Bunckley, Monadnock Bldg., San Francisco.
Contractor—H. J. Thompson.
Filed Oct. 19, 1923. Dated Oct. 15, 1923.
Contract signed $500
Enclosed 875
Brown coated 875
Completed and accepted 875
Usual 35 days 875
TOTAL COST, $4000
Bond, Sureties, none; Forfeit, $1.50 day; Limit, 90 days; Plans and specifications filed.

DWELLING
(4887) 876 ARLINGTON AVE., Oakland, 1-story 3-room dwelling.
Owner—Mrs. Perry, prem.
Architect—None.
Contractor—John Wishart, 1074 62nd St., Oakland. $1875

DWELLING
(4888) NW COR. C ST. & ELMHURST Ave., Oakland. 1-story 4-room dwlg
Owner—Jos. Kuttil, premises.
Architect—None. $2000

DWELLING
(4889) W EIGHTY-FIFTH AVE, 224 N E-14th St., Oakland. 1-story 4-room dwelling.
Owner—R. N. Jansen, 1223 54th Ave., Oakland.
Architect—None. $2700

GARAGE
(4890) SE COR. E-TWELFTH ST. & 16th Ave., Oakland. 1-story conc. & tile garage.
Owner—W. E. McChesney, 1315 San Luis Ave., Oakland.
Architect—None. $5500

DWLG. & STORE
(4891) SE COR .FIFTY-NINTH ST. & Telegraph Ave., Oakland. 1-story 5-room dwelling and store.
Owner—Arthur Strouch, 2604 Fruitvale Ave., Oakland.
Architect—None.
Contractor — Jas. H. Pedgrift, 4110 Broadway, Oakland. $4000

DWELLING
(4892) 929 FIFTY - SEVENTH ST., Oakland. 1-story 4-room dwelling.
Owner—M. J. Cozenave, premises.
Architect—None.
Contractor—J. W. Alves, 1015 61st Oakland. $2200

APARTMENTS
(4893) SW COR. FORTIETH & LUSK Sts., Oakland. 2-story 16-room apts.
Owner—Frank Dunn.
Architect—None.
Contractor—Calif. Builders Co., 1534 Franklin St., Oakland. $15,000

DWELLING
(4894) 1079 MANDANA BLVD., Oakland. 1-story 6-room dwelling.
Owner—C. C. Larsen.
Architect—None.
Contractor — Lassen & Shields, 5938 Taft Ave., Oakland. $5000

DWELLING
(4895) 2427 SCENIC AVE., Oakland. 1-story 4-room dwelling.
Owner—E. T. Matteson, 3629 Laguna Ave., Oakland.
Architect—None. $2800

DWELLING
(4896) W SPRUCE ST. 100 S Prospect, Oakland. 1-story 4-room dwelling.
Owner—Geo. Van Vlack, 537 21st St., Oakland.
Architect—None. $3000

DWELLING
(4897) E TWENTY-SIXTH AVE. 112 S E-21st St., Oakland. 1-story 5-room dwelling.
Owner—A. Zolski.
Architect—None.
Contractor — W. C. Constable, 3306 School St., Oakland. $3500

ADDITION
(4898) 2107 THIRTEENTH AVE, Oakland. Addition.
Owner—Calif. Rescue Home, premises.
Architect—None.
Contractor—Ben F. Kopf, 845 Pacific Ave., Alameda. $2400

DWELLING
(4899) NO. 549 CRAGMONT, Berkeley. Two-story 6-room dwelling.

Owner—Justus L. Williams, 126 Pine St., San Francisco.
Architect—None.
Contractor—G. G. Reed, 679 62nd St., Oakland. $6000

DWELLING
(4900) NO. 1201 FRANCISCO, Berkeley. One-story four-room dwelling and store.
Owner—Nancy E. Leonard, 1725 Curtis St., Beerkeley.
Architect—None.
Contractor—Anderson & Anderson. $2800

DWELLING
(4901) NO. 723 PERALTA AVE., Berkeley. One-story 6-room dwelling.
Owner—A. Lewis, 735 Peralta Ave., Berkeley.
Architect—None.
Contractor—G. D. Patterson, 1545 Dwight Way, Berekeley. $3000

AUTO SALES ROOM.
(4902) NO. 2611-13 SHATTUCK AVE., Berkeley. One-story Class C auto sales room.
Owner — Mrs. Martha Washington, Shattuck and Kittridge, Bkly.
Architect—None.
Contractor—T. P. Butterfield, 2488 Shattuck Ave., Berkeley. $9500

APARTMENTS
(4903) NO. 1610-12-14-16-18 UNIVERSITY Ave., Berkeley. Three-story 40-room apartments and tile garage
Owner—Lichens & Williams, 695 37th St., Oakland.
Architect—None. $30,000

DWELLING.
(4904) NO. 2009 CALIFORNIA ST., Berkeley. One-story 3-room dwlg.
Owner—Lichens & Williams, 695 37th St., Oakland.
Architect—None. $1500

GARAGE
(4905) NO. 1630 UNIVERSITY AVE. (rear), Berkeley. Tile garage.
Owner—Lichens & Williams, 695 37th St., Oakland.
Architect—None. $2500

DWELLING.
(4906) E BISSELL STREET, 120 W Seventy-third Ave., Oakland. One-story 6-room dwelling.
Owner—R. E. Hunter, 7216 Bissell St., Oakland.
Architect—None. $3000

DWELLING.
(4907) 1657 EIGHTIETH AVENUE, Oakland, Cal. One-story 4-room dwelling.
Owner—Roy King Craig, 3315 Adeline St., Berkeley, Cal.
Architect—None.
Contractor—Kemp & Craig, 834 Alcatraz Ave., Oakland. $3500

DWELLING.
(4908) N EAST FIFTEENTH ST., 50 W Eighteenth Ave., Oakland. One-story, 5-room dwelling.
Owner—J. P. Pennycotte, 2215 Dennison, Oakland.
Architect—None. $3500

DWELLING.
(4909) 1027 FORTY-FIFTH AVE., Oakland. One-story 5-room dwelling.
Owner—W. J. Hanner, 1945 102nd Ave., Oakland.
Architect—None. $3200

DWELLING
(4910) W FOURTEENTH AVE., 75 S-E 24th street, Oakland. One-story 5-room dwelling.
Owner—Doris Austin, 2328 14th ave., Oakland.
Architect—None. $3000

ALTERATION.
(4911) 1092 GRAND AVENUE, Oakland. Alteration.
Owner—A. P. Lieurence, 470 Mandana, Blvd., Oakland.
Architect—None.
Contractor—C. H. Lawrence, 5371 Lawton Ave., Oakland. $1000

DWELLINGS
(4912) 7866-7812-7818-7824-7833 HOLLY St., Oakland. Five 1-story 4-room dwellings.
Owner—C. A. Pratt, 12th and Myrtle Sts., Oakland.
Architect—None. $2000 each.

MARQUISE.
(4913) 2106 HOPKINS STREET, Oakland. Marquise.
Owner—Liberty Theatre Co., premises.
Architect—None.
Contractor — Brumfield Electric Co., 802 E 12th street, Oakland. $140

DWELLING.
(4914) 3217 HYDE STREET, Oakland. One-story 5-room dwelling.
Owner—J. D. Fennelly, 2910 E 22nd street, Oakland
Architect—None. $3750

DWELLING.
(4915) 3732 HIGH STREET, Oakland. One-story 5-room dwelling.
Owner—Sadie Keaton, 2206 Peralta Ave., Oakland.
Architect—None.
Contractor—Jas. V. Frazie, 2324 Peralta Ave., Oakland. $3700

DWELLING.
(4916) S McKINLEY AVE., 75 E Capell St., Oakland. One-story 6-room dwelling.
Owner—W. W. Green, 4950 Manila Ave. Oakland.
Architect—None.
Contractor—B. F. Woolley, 707 Adams St., Albany. $4200

DWELLING.
(4917) 3425 PERALTA AVE., Oakland. One-story 4-room dwelling.
Owner—H. Goranson, 3476 Laguna Ave Oakland.
Architect—None. $2950

DWELLING.
(4918) N SALISBURY ST., 200 W 35th Ave., Oakland. One-story 4-room dwelling.
Owner—Wm. F. Hageman, 2429 E 18th St., Oakland.
Architect—None. $2500

DWELLING
(4919 1223 SEVENTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner—Harry Clement, 1227 73rd Ave. Oakland.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th St., Oakland. $2000

DWELLING
(4920) W SEVENTY-SIXTH AVE. 700 N E-14th St., Oakland. 1-story 4-room dwelling.
Owner—Fred Nobress.
Architect—None.
Contractor—B. M. Paul, 954 Hilldale, Berkeley. $2800

DWELLING
(4921) E SEVENTY-SIXTH AVE. 200 N Garfield, Oakland. 1-story 4-rm. dwelling
Owner — Warren Portlock, 2522 78th Ave., Oakland.
Architect—None. $1800

DWELLING
(4922) NO. 1524 ARCH ST., Berkeley. One-story 6-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Beerkeley.
Architect—None. $4000

DWELLING
(4923) NO 856 CONTRA COSTA AVE. Berkeley. Two-story 7-room dwlg
Owner — D. Branch, 1914 Ward St., Berkeley.
Architect—None.
Contractor—C. B. Crane, 1759 Tacoma St., Beerkeley. $6000

CHURCH
(4924) NO. 1965 HOPKINS ST., Berkeley. Two-story church.
Owner—Northbrae M. E. Church.
Architect — Geo. Rushforth, 354 Pine St., San Francisco.
Contractor—Thomas A. Cuthbertson, 1766 12th Ave., S. F. $40,000

DWELLING
(4925) NO. 1206 OXFORD ST., Berkeley. Two-story 7-room dwlg.
Owner—D. L. L. McCash, Oxford Apts.
Architect—None.
Contractor—P. H. Franks, 2839 Ellsworth St., Berkeley. $6800

DWELLING
(4926) NO 1708 SONOMA, Berkeley. One-story 6-room dwelling.
Owner—John O. Weston, 1731 Dwight Way, Beerkeley.
Architect—None. $4000

DWELLING
(4927) NO. 3221 THOMPSON ST., Alameda. One-story 6-room dwelling.
Owner — T. J. Theile, 2905 Mission St., Alameda.
Architect—None. $4900

DWELLING
(4928) W ATHOL AVE. 160 S Brooklyn, Oakland. 1-story 3-room dwlg.
Owner—Chas. Hudson, 437 Athol Ave., Oakland.
Architect—None. $1500

DWELLING
(4929) N ALMA AVE. 175 W Chatham Road, Oakland. 2-story 6-rm dwlg.
Owner—P. B. Weaver, 4315 Division St. Oakland.
Architect—None. $6900

DWELLINGS
(4930) 876 & 880 BROCKHURST ST., Oakland. 2 1-story 5-room dwlgs.
Owner—Chas. Rollar, 872 Brockhurst St., Oakland.
Architect—None.
Contractor—Rollar & Stone, 872 Brockhurst St., Oakland. $3000 ea.

DWELLING
(4931) NE COR. CHABOT RD. & CHABOT Terrace, Oakland. 1-story 6-room dwelling.
Owner—J. Coward, 349 62nd St., Oakland.
Architect—None. $4500

DWELLING
(4932) W EIGHTY - SEVENTH AVE. 285 N Plymouth, Oakland. 1-story 5-room dwelling.
Owner — Albino Cometto, 86th Ave., Oakland.
Architect—None.
Contractor—H. H. Begier, 154 Talu Ave. San Francisco. $4000

DWELLING
(4933) 1769 EIGHTY-FIRST AVE., Oakland, 1-story 4-room dwelling.
Owner—J. F. Ritter, 82nd Ave., & Birch St., Oakland.
Architect—None.
Contractor—H. J. Nichols, 7710 Foothill Blvd., Oakland. $2500

ALTERATION
(4934) 480 HAWTHORNE AVE., Oakland. Alteration.
Owner—N. J. Leureaux.
Architect—None.
Contractor — D. W. Van Horn, 5931 Muritania Ave., Oakland. $1500

DWELLINGS
(4935) 2721-25-29-33-41-45-49-53 & 57 78th Ave., Oakland. 10 1-story 4-rm. dwellings.
Owner—K. A. Johanson, 2425 13th Ave., Oakland.
Architect—None. $2600 each

DWELLING
(4936) N SUTTER ST. 83 E Over St., Oakland. 1-story 2-room dwelling.
Owner—Marie K. Forster, 541 27th St., Oakland.
Architect—None.
Contractor — Fred Nichols, 718 Brockhurst St., Oakland. $1100

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

FACTORY
(4937) NW COR. SIXTY-FIRST AND Lowell Sts., Oakland. 1-story tile factory.
Owner—Ralph N. Brodie, 1353 E-12th St., Oakland.
Architect—None.
Contractor—Marshall & Burks, Bacon Bldg., Oakland. $10,500

DWELLING
(4938) W SIXTY-EIGHTH AVE. 180 N Flora St., Oakland. 1-story 5-rm. dwelling.
Owner—J. C. Pearce, 8906 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(4939) 4072 WHITTLE AVE., Oakland. 1-story 4-room dwelling.
Owner—Thos. W. Lambert, 4095 Lincoln Ave., Oakland.
Architect—None.
Contractor—F. T. Gresham, 4095 Lincoln Ave., Oakland. $2500

DWELLING
(4940) PTN LOTS 14 & 15 BLK A Piedmont Vista, Piedmont. 1-story dwelling.
Owner—Amanda Lee Potter, Antioch.
Architect—None.
Contractor—H. L. Houck, 934 Alma Ave Oakland.
Filed Oct. 23, 1923. Dated Oct. 17, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $7500
Bond, Sureties, none; Forfeit, $1 day; Limit, 90 days from Oct. 20; Plans and specifications, none.

EXCAVATION ETC.
(4941) NW THIRTEENTH & CLAY Sts. N 37-¼ W 40-10¼ N 2-1¼ W 60-2⅝ S 39-1½ E 101-⅞, Oakland. Excavation, retaining walls.
Owner—C. J. Heeseman, 15th & Washington Sts., Oakland.
Architect—None.
Contractor—E. T. Leiter, 3601 West St. Oakland.
Filed Oct. 23, 1923. Dated Oct. 22, 1923.
Completed and accepted $3200
Usual 35 days .....Balance
TOTAL COST, $4727
Bond, $4727; Sureties, Globe Indemnity Co.; Forfeit, $25 days; Limit, 20 days; Plans and specifications filed.

DWELLING
(4942) NO. 649 ARLINGTON ST., Berkeley. Two-story 8-room dwlg.
Owner—Mabel M. Bramlage, 794 Miramar Ave., Berkeley.
Architect—None.
Contractor—E. D. Bramlage, 794 Miramar Ave., Berkeley. $8000

DWELLING
(4943) NO. 1312 SHATTUCK AVE., Berkeley. One-story 6-room dwlg.
Owner—Fred Berggren, 1720 Parker St., Berkeley.
Architect—None.
Contractor—C. E. Carlson, 2038 Delaware St., Beerkeley. $5500

DWELLING
(4944) NO. 2443 REGAL ROAD, Berkeley One-story 6-room dwelling
Owner—O. W. Conover, 2136 McGee St., Berkeley.
Architect—None.
Contractor—K. M. Conover, 2136 McGee St., Berkeley. $5000

DWELLING
(4945) NO. 1329 ALBINA, Berkeley. One-story 4-room dwelling.
Owner—Hilda Edwards, 1739 Stuart St., Berkeley.
Architect—None.
Contractor—John Edwards, 1739 Stuart St., Berekeley. $3000

DWELLING
(4946) NO 1547 SACRAMENTO ST., Berkeley. One-story 5-room dwlg.
Owner—Wayne B. Hardy, 2104 Derby St., Berkeley.
Architect—None. $4000

DWELLING
(4947) NO. 1121 GILMAN ST., Berkeley One-story 6-room dwelling.
Owner—Joe Divelli, 1125 Gilman St., Berkeley.
Architect—None. $2500

BATH HOUSE
(4948) NO. 1035 GRAYSON, Berkeley. One-story bath house.
Owner—Paul K. Retkin, 1010 Grayson St., Berkeley.
Architect—None.
Contractor — Otto Fagerstrom, 1010 Grayson St., Berkeley. $1500

DWELLING
(4949) NO. 1900 EDITH ST., Berkeley. One-story 4-room dwelling.
Owner—Otto A. Luendermann, 921 University Ave., Berkeley.
Architect—None. $2500

DWELLING
(4950) NO. 2235 PRINCE ST., Berkeley One-story 6-room dwelling.
Owner—Albert Van Halltren, 152 Moss Ave., Oakland
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3950

DWELLING
(4951) NO. 1749 SACRAMENTO ST., Berkeley. One-story 5-room dwlg.
Owner—Robert A. Hartkop, 1826 Milvia St., Berkeley.
Architect—None.
Contractor—Lloyd M. Sims, 1826 Milvia St., Beerkeley. $3500

DWELLING
(4952) NO. 27 MENLO PLACE, Berkeley One-story 5-room dwlg.
Owner—Thos. Castberg, 19 Menlo Place Berkeley.
Architect—None. $4000

DWELLING
(4953) NO. 1364 FRANCISCO, Berkeley One-story 5-room dwelling.
Owner—Ilmari Sumile, 1364 Francisco St., Berkeley.
Architect—None. $3000

APARTMENTS
(4954) NO. 1725 OXFORD ST., Berkeley. Two-story 20-room apartments.
Owner—W. M. Oszdorff, 2641 Webster St., Berkeley.
Architect—None. $15,000

DWELLING
(4955) 1519 EIGHTY-NINTH AVE., Oakland. 1-story 3-room dwelling.
Owner — Geo. Depue, 1723 92nd Ave., Oakland.
Architect—None.
Contractor—A. E. Wood, 2319 92nd Ave. Oakland. $1700

DWELLING
(4956) N EXCELSIOR AVE. 80 W Park Blvd., Oakland. 1-story 5-rm. dwelling.
Owner—Beth Brown.
Architect—None.
Contractor—B. H. Schmidt, 2237 E-19th St., Oakland. $6000

DWELLING
(4957) S E-TWENTY-SEVENTH ST. 476 E 13th Ave., Oakland. 1-story 8-room 2-family dwelling.
Owner—W. A. Rusco, 1361 E-27th St., Oakland.
Architect—None.
Contractor—E. J. McCord, San Leandro $5400

STORES & APTS.
(4958) N E-TWENTIETH ST W 19th Ave., Oakland. 2-story 7-rm stores and apartments.
Owner—H. N. Baughman.
Architect—None.
Contractor — Calif. Builders Co., 1534 Franklin St., Oakland. $6000

OVEN
(4959) 1847 E-FOURTEENTH ST. Oakland. Brick bake oven.
Owner—J. Quintal.
Architect—None.
Contractor — Paul Metz, 855 44th St., Oakland. $1550

DWELLING
(4960) 328 FORTY-NINTH ST., Oakland. 1½-story 3-room dwelling.
Owner—Mrs. G. Hall, premises.
Architect—None.
Contractor—S. L. Stewart, 646 42nd St. Oakland. $2000

DWELLING
(4961) —S. SHAFTER 250 W Bdwy., Oakland. 1-story 4-room dwelling.
Owner—H. H. Gastman, 1263 Euclid Ave., Berkeley.
Architect—None. $2750

STORES
(4962) S SANTA CLARA AVE 60 E Walsworth Ave., Oakland. 1-story, 4-room stores.
Owner—Dray & Kuhlmeyer, Syndicate Bldg., Oakland.
Architect—None.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $5500

DWELLING
(4963) 1477 SEVENTY-SEVENTH AV. Oakland. 1-story 4-room dwelling.
Owner—O. L. Adams, 1846 77th Ave., Oakland.
Architect—None.
Contractor—H. W. Raines, 1486 77th Ave., Oakland. $2000

DWELLING
(4964) W SIXTY-SECOND AVE 120 N East Lawn, Oakland. 1-story 5-room dwelling.
Owner—Mrs. J. G. Smith, 1441 65th Ave Oakland.
Architect—None.
Contractor—M. S. Been, 3083 Capp St. Oakland. $3000

ADDITION
(4965) 654 SIXTY-THIRD ST., Oakland. Addition.
Owner—Chas. Jockstad.
Architect—None.
Contractor — MacDonald & Foreman, 2156 Center St., Oakland. $4000

DWELLING
(4966) 1661 SIXTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—M. F. Wise, 3248 Chestnut St., Oakland.
Architect—None.
Contractor—Oakland Builders. $2500

OFFICE
(4967) SIXTY-NINTH AVE. & FOOTHill Blvd., Oakland. 1-story brick and tile office.
Owner—Chevrolet Motor Co., premises.
Architect—None. $8500

FACTORY
(4968) SIXTY-NINTH AVE. & FOOThill Blvd., Oakland. 2-story rein. conc. auto factory.
Owner—Chevrolet Motor Co., prem.
Architect—None. $212,000

BUILDING
(4969) SIXTY-NINTH AVE & FOOThill Blvd. Oakland. 1-story deck jig building.
Owner—Cheyrolet Motor Co., prem
Architect—None. $4500

REPAIRS
(4970) 612 TWENTY-FIFTH ST, Oakland. Fire repairs.
Owner—Mrs. A. L. Devline, 4104 Montgomery St., Oakland.
Architect—None.
Contractor—J. F Shrader, 2004 Telegraph Ave, Oakland. $1527

DWELLING
(4971) 2239 THIRTY-NINTH AVE., Oakland. 1-story 5-room dwelling.
Owner—J. F. Briscelle, 3301 Byran, Oakland.
Architect—None. $3000

ADDITION
(4972) SE COR. TWENTY-THIRD Ave. & E-14th St., Oakland. Brick Addition.
Owner—The Oakland Bank.
Architect—Reed & Corlett, Oakland Bk of Savings Bldg., Oakland.
Contractor—Chas. W. Heyer Jr., Mills Bldg., S. F. $5500

DWELLING
(4973) W SIXTIETH AVE 80 S Scenic Way, Oakland. 1-story 5-rm dwlg.
Owner—E. A. Newman, 2316 Buena Vista, Oakland.
Architect—None. $3000

ALTERATION
(4974) NE COR WALSWORTH AND Bayo Vista Ave., Oakland. Alterations.
Owner—F. C. Clift.
Architect—Albert Farr, 68 Post St., San Francisco.
Contractor—Fred J. Westlund, 351 12th St., Oakland. $6000

DWELLING
(4975) PTN LOT 5, BLOCK 4 MAP Teachers State University Homestead, Berkeley. All work for 1-story dwelling.
Owner—Robert A. Hartkop, 1826 Milvia St., Berkeley.
Architect—None.
Contractor—Lloyd M. Sims, 1812 Virginia St., Berkeley.
Filed Oct. 24, 1923. Dated Oct. 23, 1923
Frame up $575
Plastered 575
Completed and accepted 1315
Usual 35 days 575
TOTAL COST, $3040
Bond, Sureties, Forfeit, none; Plans & specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Oct. 18, 1923—NE MOSS AVE AND Broadway N 178.75 E 150 N 192 E 250 S 443 W 322-8, Oakland. Fabiola Hospital Assn to Stobbe & Romak.....Oct. 10, 1923
Oct. 18, 1923—W 16⅔ LOT 15 and E 16⅔ Lot 16 Blk 3,—, San Leandro. G R Blasingame to whom it may concern.....Oct. 18, 1923
Oct. 18, 1923—W THIRTY-FIFTH Ave 50 N Penniman Ave 50x120, Oakland. Fred Simon to P J Bold .....October 6, 1923
Oct. 18, 1923—LOT 12 BLK "A" Map Batchelder Tract, Berkeley. Chas E Snook to Harry M Adams and Guy Shipley.....Oct. 10, 1923
Oct 18, 1923—UNIVERSITY AVE Station, Berkeley. S. P. Co to Hutchinson Co.....Oct. 13, 1923
Oct. 18, 1923—NO. 1005 STANFORD Ave., Oakland. H H Easter to whom it may concern.....Oct. 8, 1923
Oct. 19, 1923—MILLS COLLEGE, Oakland. Mills College to David Nordstrom.....Oct. 16, 1923
Oct. 19, 1923—MILLS COLLEGE, Oakland. Mills College to Conner & Conner.....Oct. 3, 1923
Oct 19, 1923—SW SIXTY-THIRD & Doyle SW 260.98 W 100 NE 130.49 W 300 N 128.65 E 400, Emeryville. Western Waxed Paper Co. of Cal. to Barrett & Hilp.....Oct. 19, 1923
Oct. 19, 1923—PARKER ST., Berkeley. S. P. Co. to Hutchinson Co.....Oct. 12, 1923
Oct. 19, 1923—LOT 3 BLK "V" Map No. 2, Subdivision Ptn Central Oakland Tract, East Telegraph Av, Oakland. M G Kendall to California Builders Co.....Oct. 18, 1923
Oct 19, 1923—LOCATION NOT GIVEN Albert Hammarberg to whom it may concern .....—
Oct 19, 1923—LOT 30 BLK 8, Rockridge Park, Oakland. Carlton A Bierce to M E Hopper & Son.....Oct. 15, 1923
Oct. 20, 1923—E HOWE 100 N John Oakland. Nora Voigt to George Ernst .....Oct. 15, 1923
Oct. 20, 1923—LOTS 15 AND 16 BLK "B" Map Lots 12 to 17 Bakers Subdivision of a part Lot 1 Yoakem Tract, Oakland. L H McBride to N M Strobel.....Oct. 18, 1923
Oct. 20, 1923—E 17-4 LOT 18 and W 17-4 Lot 19 Blk 18, Oakland. Chas W Slack to whom it may concern.....October 19, 1923
Oct. 20, 1923—LOT 10 BLK "M" Oakland Highlands Tract, Oakland. Herbert C Cameron to whom it may concern.....Oct. 19, 1923
Oct. 20, 1923—LOT 11 BLK "M" Oakland Highlands Tract, Oakland. Herbert C Cameron to whom it may concern.....Oct. 19, 1923
Oct. 20, 1923—NO. 3507 PARK BLVD, Oakland. Harry Schwartz to Joe Bertoldi.....Oct. 15, 1923
Oct. 19, 1923—NW LAGUNITAS AVE 45 SW Perry SW 45xNW 100, Oakland. Elvira Cordy to S G Johson .....October 17, 1923
Oct. 22, 1923—LOT 26 BLK C MAP Resubdivision Kinsell Tract, Oakland. Joe Cabral to F. J. Leonardo .....Oct. 18, 1923
Oct. 22, 1923—1500-10 MYRTLE ST., Oakland. Freda M. Rocktechell to Clarence M. Starr .....Oct. 22, 1923
Oct. 22, 1923—LOTS 23 & 24 BLK 1 Lakeshore Highlands, Oakland. Lillian M. Wilson to A. Cederburg.....Oct. 18, 1923
Oct. 22, 1923—W PALOMA AVE 79.61 S Calmar Ave. W 70 N 46.42 E 77.63 S 79.51, Oakland. William Jongeneel to A. J. Yerrick .....Oct. 19, 1923
Oct. 22, 1923—N TAYLOR AVE. 205-9½ E Page St. E 35 N 140, Alameda. J. E. Reite to whom it may concern.....Oct. 14, 1923
Oct. 22, 1923—N TAYLOR AVE, 240-9½ E Page St. E 34 N 140, Alameda J. E. Reite to whom it may concern .....Oct. 14, 1923
Oct. 22, 1923—S WENTWORTH AVE. & NW 55th Ave. W 69.55 S 70 NW 105.29, Oakland, Anna Newman to whom it may concern....Oct. 20, 1923
Oct. 22, 1923—1224 EIGHTY-SIXTH Ave., Oakland. Kent B. Moore to whom it may concern....Oct. 20, 1923
Oct. 23, 1923—(1) LOT "F" Map City Hall Tract; (2) Lot 9 Map Ptn Lot "E" City Hall Tract, Oakland. The Midgley Co to Rigney Tile Co., L H Price, Kawneer Mfg Co, Daahl Thomas Awning Co, Seipel & Johnson, C C Severin, Ariss Knapp Co, A K Goodmundson, A Knowles, Stobbe & Romak, H Aronson, F N Phillips, Crowe Glass Co, Ray Cook Marble Co, Fearey & Moll, Ideal Cornice Co, Siepel & Johnson.....October 22, 1923
Oct. 24, 1923—LOT 22 and E 12½ Lot 21 Blk 2092 Map Paradise Plot, Oakland. Elson V Carstens to whom it may concern.Oct. 24, 1923
Oct. 24, 1923—LOT 10 BLK "B" Map Kenwood Park, Oakland. Alyce Dingley to John I Easterly .....October 19, 1923
Oct. 24, 1923—S HOLWAY 285 E Seminary Ave 37x100, Oakland. D W Parks to whom it may concern .....October 24, 1923
Oct. 24, 1923—(1) LOT 27 BLK 7, Hollywood; (2) Lot 2 Blk 7, Hollywood, San Leandro. S Victor Davidow to R E Neikerk..Oct. 24, '23
Oct. 24, 1923—SE 20 LOT 29 and NW 20 Lot 30 Blk 12 Map Boulevard Park Tract, Oakland. Frank A Loretz to whom it may concern.....October 18, 1923
Oct. 24, 1923—SW FRISBIE PLACE 165 SE Fairmount Ave SE 36-4 SW 126.33, Oakland. John J Geary & George F Dowling to whom it may concern.....Oct. 15, 1923
Oct. 23, 1923—(1) SW SAN PABLO Ave 190 NW Fifteenth NW 49 SW 92-10½ SW 52-6 SE 50 NE 30-11 NE 69 (2) Lot 6 Map Ptn Lot "E", City Hall Tract; (3) Lot 7 Map Ptn Lot "E" City Hall Tract, Oakland. The Midley Co to G & M Concrete Co., Rigney Tile Co., L H Price, Fearey & Moll, F N Phillips, Daahl Thomas Awning Co, Stabbe & Romak, Ariss-Knapp Co., Seipel & Johnson, H Aronson, Fearey & Moll, C C Severin, Seipel & Johnson, Kawneer Mfg Co, Ideal Cornice Co, Malott & Peterson, A Knowles, W P Fuller & Co and Ray Cook Marble Co.....Oct. 22, 1923
Oct. 18, 1923—LOT 76 BLK 876 Map Fruitvale Villa Tract, Oakland. George C Georgison vs Sidney H Wolfe $157
Oct. 18, 1923—(1) NW SUNNYSIDE Drive 403 NE E-14th St. NE 40 NW 181.59 SW 40 SE 181.56; (2) NW Sunnyside Drive 483 NE E-14th St. NE 40 NW 181.63 SW 40 SE 181.61, San Leandro. Charles M Hummer vs Darling-Harding & Co and L D Swift $126
Oct 18, 1923—(1) SE SUNNYSIDE Drive 723 NE E-14th NE 40 SE 179.71 SW 40 NW 179.74; (2) SE Sunnyside Drive 76 3 NE E-14th St. E 40 SE 179.68 SW 40 NW 179.71, (3) SE Sunnyside Drive 843 NE E-14th St. NE 40 SE 179.61 SW 40 NW 179.64; (4) SE Sunnyside Dr. 883 NE E-14th St. NE 40 SE 179.58 SW 40 NW 179.61; (5) SE Sunnyside Drive 603 NE E-14th St. NE 40 SE 179 80 SW 40 NW 179.83; (6) SE Sunnyside Drive 523 NE E-14th St. NW 40 SE 179.85 SW 40 NW 179.89; (7) SE Sunnyside Drive 283 NE E-14th St. NE 40 SE 180.05 SW 40 N W 180.80, San Leandro. Chas. M Hummer vs Darling-Harding & Co and L D Swift.....$423
Oct. 18, 1923—NW SUNNYSIDE DR. 605 NE E-14th St. NE 40 NW 181.70 SW 40 SE 181.68, San Leandro. Charles M Hummer vs Darling-Harding & Co. and Maia G Lopes.....$45
Oct. 18, 1923—NW SUNNYSIDE DR. 303 NE E-14th St. NE 60 NW 181 54 SW 60 SE 181.505, San Leandro. Charles M Hummer vs Darling-Harding & Co and P A and Mary A Watson.....$45
Oct. 19, 1923—PTN LOTS 15 AND 16, Hillside Park, Pieldmont. S Leventa vs William King and George W Elliassen $271
Oct. 19, 1923—S COR. CENTRAL Pacific R. R. Co. right-of-way and 50th Ave. SE 680 SW 447.69 NW 383.51 NE 223.05 NW 300 NE 300, Oakland. J T Thorpe & Son, Inc vs Metals & Chemicals Extraction Corp $548.80
Oct. 19, 1923—NE VICENTE PERalta Reserve and NW Ocean View Ave NW 173.02 SE 95.13 NE 20.66 SE 110.57 SW 75, Oakland. Lannon Bros Mfg Co vs F A Anderson.....$2320.25
Oct. 20, 1923—SW BROADWAY AND Ada Sts., Oakland. Young & Schlunegar vs William A Knowles and Jane Doe Van de Car.....$435
Oct. 20, 1923—SW TWELFTH AND Fallon 50x100, Oakland. R Marvin Greathouse and Raymond H Montague (G & M Concrete Co) vs W K Owen & Co and George W Leisz.....$215.68
Oct. 22, 1923—SE VERNON AVE 157-81 SW College Ave. SW 40 SE 130 Oakland. William John Pascoe vs. T. M. Small, H. R. & Ella R. Smith, Harry Tyler $88

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Oct. 18, 1923—LOT 11 BLK "G" Map Waterside Terrace, Alameda. Thos Day Co vs F J McQuaid and G L Rosebrook $208.88

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Oct. 19, 1923—LOTS 35 AND 36 Map Ptn Vischer Tract, Alameda. Thos L Gray to S Forkos.....$215.75

Notice of Non-Responsibility

ALAMEDA COUNTY

Oct. 18, 1923—PTN LOTS 47 AND 48 Map Key Route Acres, Oakland. Alameda Investment Co as to improvements on property.....
Oct. 18, 1923—PTN LOT 48 Map Key Route Acres, Oakland. Alameda Investment Co as to improvements on property .....
Oct. 18, 1923—LOTS 1 AND 2 BLK 5 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, one-story 6-room and garage, $4300; No. 3008 H St., Sacramento; owner, John Eirich, 3026 H St., Sacramento.

DWELLING, one-story 6-room and garage, $5500; No. 817 22nd St., Sacramento; owner, H. Smith, 2804 22n St., Sacramento; contractor, Cole & Holmes, 2624 35th St, Sacto.

DWELLING, one-story 6-room and garage, $4500; No. 861 42nd St., Sacramento; owner, Alice E. Williams, 1305½ G St., Sacramento; contractor, Jas. T. Ransdall, 1055 41st St., Sacramento.

DWELLING, one-story 5-room and garage, $4000; No. 524 21st St., Sacramento; owner, H. F. DeLuca, 2616 13th Ave., Sacramento.

DWELLING, one-story 6-room and garage, $5500; No. 2425 W St., Sacramento; owner, Fred Hall, 520 19th St., Sacramento; contractor, W. C. McMasters, M. R. B. Box 358 Sacto.

DWELLING, one-story, and basement, $4600; No. 917 23rd St., Sacramento; owner, T. L. Shore, 2231 J St., Sacramento; owner, W. P. Cippa, 2650 27th St., Sacramento.

DWELLING, one-story 5-room and garage, $3850; No. 1324 Santa Ynez Way, Sacramento; owner, Leslie Watkins, 1909 M St., Sacramento; contractor, T. B. Hunt, 2926 S St., Sacramento.

DWELLING, two-story 7-room and garage, $6000; No. 1536 38th St., Sacramento; owner, W. G. Stone, 3348 42nd St., Sacramento; contractor, J. W. Hoopers.

DWELLING, one-story 5-room and garage, $3000; No. 2907 H St., Sacramento; owner, Mr. and Mrs. Chas. Schafer, 2000 9th St., Sacramento; contractor, N. Martinello, 1230 E St., Sacramento.

BUSINESS and dwelling, two-story & basement, $9930; No. 1115 Third St., Sacramento; owner, Geo. De Martin, Dale Apts., Sacramento; contractor, Chas. Peterson, M. R. Box, 221, Sacramento.

DWELLING, one-story 5-room and garage $3500; No. 2305 30th St., Sacramento; owner, A. J. Silva, 2301 30th St., Sacramento.

DWELLING, one-story 5-room and garage, $3000; No. 1901 51st St., Sacramento; owner, C. W. Francis, 4401 10th Ave., Sacramento.

DWELLING, one-story 5-room and garage, $3000; No. 3132 T St., Sacto.; Owner, R. F. Amocker, 1715½ 17th St., Sacramento.

DWELLING. 2-story 5-room and garage, $4000; No. 900 48th St., Sacramento; owner, Ed. Davis, 727 M St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.

DWELLING, one-story 5-room and garage, $5000; No. 822 41st St., Sacramento; owner, J. M. Lannon, 710 E St., Sacramento; contractor, E. D. Brier, 813 J St, Sacramento.

DWELLING, one-story 5-room and garage, $5000; No. 2300 23rd St., Sacramento; owner, Mabel C. Thomas, 1808 I St., Sacramento; contractor, E. D. Brier, 813 J St., Sacramento.

DWELLING, one-story 5-room and garage, $3800; No. 3105 O St., Sacramento; Owner, Carly Co., 823 J St., Sacramento; contractor, So. Curtis Oaks Co.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

STORE BLDG.
S PTN LOTS 21, 22 AND 23 BLK 58, City of Tracy. All work for store building.
Owner—Martin Ansbro, Charles Frales, Kelly Bros., 1322 E Main St., Stockton.
Architect—None.
Contractor—Carl Nelson, 1421 E Channel, Stockton.
Filed Oct. 15, 1923. Dated Oct. 12, 1923. Payments not given.
TOTAL COST, $——
Bond, Sureties, Forfelt, none; Limit, 60 working days from Oct. 15, 1923; Plans and specifications filed.

RESIDENCE, $6500; 19 East Anderson St., Stockton; owner, A. Massia.

RESIDENCE, $2750; 2334 Marsh, Stockton; owner, J. M. Drais.

RESIDENCE, $7200; 2301 N El Dorado, Stockton; owner, Anthony Puppo, 533 S Grant, Stockton.

RESIDENCE, $5000; 829 N Argonaut, Stockton; owner, V. P. Vio.

RESIDENCE, $5500; 725 West North, Stockton; owner, F. McHugh.

RESIDENCE, $4900; 1235 West Willow St., Stockton; owner, F. P. Dobson, 1045 Vernal Way, Stockton.

RESIDENCE, $4000 1841 Carmel, Stockton; owner, H. A. Waite.

BUILDING, $30,000; 201 N California, Stockton; owner, L. Bosco.

SERVICE station, $5000; No. 345 E-Washington St., Stockton; owner, Mrs. R. R. Rubenstein.

RESIDENCE, $4400; No. 131 E-Monterey St., Stockton; owner, Salfield Bros.

RESIDENCE, $8500; No. 4 E-Ash St., Stockton; owner, Miss M. Dentoni.

RESIDENCE, $2500; No. 710 W-San Jose St., Stockton; owner, J. Lynch, 233 E-Lindsay St., Stockton.

RESIDENCE, $4200; No. 2029 N-California St., Stockton; owner, J. Marengo, 221 Wyandotte St., Stockton.

RESIDENCE, $6200; No. 1310 N-Yosemite St., Stockton; owner, E. Schalk.

RESIDENCE, $2700; No. 537 W-San Jose St., Stockton; owner, L. V. Blake.

RESIDENCE, $2750; No. 2326 Marsh St., Stockton; owner, M. J. Drais, Bank of Italy Bldg., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY.

Recorded Accepted
Oct. 18, 1923—LOT 9 BLK 1, Willow Tract, Stockton. Perry H Wilson to whom it may concern.Oct. 16, 1923
Oct. 18, 1923—PTN LOTS 1, 3, 7, 13 and 14 Blk 64, E of Center St., Stockton. I M, H E and S H Cowell to J F Shepherd..Oct. 10, 1923
Oct. 20, 1923—LOT 5 BLK 87, East of Center St., Stockton. Fidelity Society by Charles Muthel, K H Altenhoff, George Markert, P R Peikert, Martin Schneider, Building Committee, to Geo H Schroeder .....Oct. —, 1923
Oct. 20, 1923—LOT 7 BLK 2, College Park Subd No. 2 of College Park, Stockton. G D Padduck to James W A Gill.....
Oct. 20, 1923—LOTS 7 AND 8 BLK 3, Lomita Park, Stockton. Walter F Hollenbeck to Mellin & Taylor....—

BUILDING CONTRACTS

FRESNO COUNTY

ADDITION
CARUTHERS SCHOOL DISTRICT, Fresno. All work for addition to steam heating system for school building.
Owner—Caruthers School District.
Architect—None.
Contractor—B. M. Jenkins.
Filed Oct. 20, '23. Dated ———.
TOTAL COST, $644

THREE dwellings and garage, $15,000; No. 1002 Arthur St.; No. 1034 Thorn Ave., and No. 1036 Adoline St., Fresno; owner, J. A. Schlotthauer.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Amount
Oct. 16, 1923—LOTS 14, 15 AND 16 Blk 68, Fresno. S. J. L. & P. C. to Burnett Iron Works....Oct. 15, 1923
Oct. 16, 1923—NO. 3111 TYLER ST., Fresno. John Klasen to whom it may concern.....Oct. 5, 1923
Oct. 16, 1923—LOTS 35 AND 36 BLK 75, Sierra Vista Addition No. 4, Fresno. Herman Goerke to whom it may concern.....Oct. 15, 1923
Oct. 16, 1923—LOTS 7 AND 8 BLK 75, Sierra Vista Add'n, Fresno. H T Wallers to hom it may concern.... .....Oct. 15, 1923
Oct. 16, 1923—LOTS 23, 24 AND 25 Blk 121, Sanger. Valley Bank to whom it may concern...Oct. 15, 1923
Oct. 16, 1923—LOTS 4 AND 5 BLK 84, Fresno. Dean Kevorkian to Cowan & Mitchell.....Oct. 10, 1923
Oct. 16, 1923—LOTS 8 AND 9, Statham Add, Riverdale. Ellen Flehartv to J W Crawford.....Oct. 11, 1923
Oct. 16, 1923—CROSSING IN SELMA. S P Co. to The Right Transfer Co.. .....October 6, 1923
Oct. 17, 1923—LOTS 16, 17 NORMA Tract, 1518 Weldon Ave., Fresno. Walter C. White to whom it may concern .....Oct. 16, 1923
Oct. 18, 1923—ROEDING AND McKinley Aves to Yale Ave, Fresno. Fresno City Water Co to Fredrickson & Shannon.....Oct. 12, 1923
Oct. 18, 1923—LOTS 19 AND 20, West Brae. J A Schlotthauer to whom it may concern.....Oct. 17, 1923
Oct. 19, 1923—LOT 1 BLK 19, Hazelwood. Hagop Avakian to H Zeronian.....Oct. 17, 1923
Oct. 20, 1923—LOTS 17 AND 18 BLK 81, Sierra Vista Addn. No. 4, Fresno. J E Hudson to whom it may concern.....Oct. 19, 1923
Oct. 20, 1923—LOTS 35 AND 36 BLK 5, Torrance Terrace. Evan A Joy to whom it may concern.Oct. 20, 1923
Oct. 22, 1923—LOTS 17 TO 21 BLK 16, Fowler. First Presbyterian Church of Fowler to Wessel Electric Co of Fresno.....Oct. 18, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
Oct. 18, 1923—LOTS 29 AND 30 BLK 16, Fowler. S C Marston vs L Howell $148
Oct. 18, 1923—LOTS 13 AND 14 BLK 8, North Park Terrace, Fresno. Routt Lumber Co, Inc vs Peter A Wolff $2700
Oct. 18, 1923—LOTS 27 AND 28 BLK 2, Torrance Terrace, Fresno. Routt Lumber Co, Inc, $592; Bingham-Wenks Pianing Mill, $759 vs Peter A Wolff.....
Oct. 18, 1923—LOTS 13 AND 14 BLK 8, North Park Terrace, Fresno. Bingham-Wenks Planing Mill vs Peter A Wolff.....$2253
Oct. 20, 1923—LOTS 27 AND 28 BLK 2, Torrance Terrace, Fresno. J T Anderson vs P A Wolff Bldg Co..$14
Oct. 20, 1923—E ½ LOT 6 BLK 11, Wilsoon North Fresno Tct, Fresno. J T Anderson vs P A Wolff Bldg Co $1194
Oct. 20, 1923—LOTS 12 TO 16 BLK 36, Fresno. J A Anderson, $1527; Valley Hardware Co, $309 vs P A Wolff Bldg Co and Martin Soligian.....
Oct. 20, 1923—LOTS 27 AND 28 BLK 2 Torrance Terrace, Fresno. J T Anderson vs P A Wolff Bldg Co....$63
Oct. 20, 1923—LOTS 13 AND 14 BLK 8, North Park Terrace, Fresno J T Anderson vs P A Wolff Bldg Co.... .....$498
Oct. 20, 1923—E ½ LOT 6 BLK 11, Wilson North Fresno Tct, Fresno. Valley Hardware Co vs P A Wolff Bldg Co.....$329
Oct. 20, 1923—LOTS 27 AN D28 BLK 94, Fairmont. Valley Hardware Co vs P A Wolff Bldg Co $32
Oct. 20, 1923—LOT 15 SE 20 FT. LOT 16, K B Hts, Fresno. Valley Hardware Co vs P A Wolff Bldg Co and Elmas Epekjian $45
Oct. 20, 1923—LOT 15 SE 20 FT. LOT 16, K. B. Hts, Fresno. J T Anderson vs P A Wolff Bldg Co and Elmas Epekjian.....$11
Oct. 20, 1923— LOTS 13 AND 14 BLK 8, North Park Terrace, Fresno. J T Anderson vs P A Wolff Bldg Co $254
Oct. 20, 1923—LOTS 13 AND 14 BLK 8, North Park Terrace, Fresno. Valley Tile & Mantel Co vs P A Dolff.....$52
Oct. 20, 1923—LOTS 27 AND 28 BLK 2, Torrance Terrace, Fresno. Valley Tile & Mantel Co vs P A Wolff $8
Oct. 20, 1923—LOTS 16 AND 17 BLK 10, College Add, Fresno. Kutner-Goldstein Co vs P A Wolfe Bldg Co $11

BUILDING CONTRACTS

SAN MATEO COUNTY

SCHOOL
ROOSEVELT SCHOOL BUILDING Burlingame. Plumbing work for school.
Owner—Burlingame School District.
Architect—E. L. Norberg, Balboa Bld San Francisco and Burlingame.
Contractor—H. R. Park, 113 Crescent St., Burlingame.

Filed Oct. 15, '23. Dated Oct. 1, '23.
Roughed in $555.79
Completed 300.00
Usual 35 days..... 300.00
TOTAL COST, $1155.79
Bond, $578 each. Surety, Globe Indemnity. Limit, 90 working days. Forfeit, $5. Plans and specifications filed.

ADDITION
LOT 21 BLK 5, Burlingame. All work for addition to residence.
Owner—H. L. Jones, 1513 Sanchez St, Burlingame.
Architect—Chas. Sorensen.
Contractor—The Larsen Bldg. Co.
Filed Oct. 16, '23. Dated Oct. 9, '23.
Roof on $619
Completed 620
Usual 35 days..... 413
TOTAL COST, $1652
Bond, limit, forfeit, none. Plans and specifications filed.

RESIDENCE
LOTS4 AND 5 BLK 33, San Carlos. All work for residence.
Owner—Besie Hopkins.
Architect—None.
Contractor—Harry W. Arnold, 137 Stratford St., Redwood City.
Filed Oct. 15, '23. Dated Sept. 29, '23.
Frame up $1550
Brown coated 1550
Completed 1550
Usual 35 days..... 1550
TOTAL COST, $6200
Bond, $3100. Sureties, W. P. Gray and Z. T. Thorncey. Limit, 60 working days. Forfeit, plans and specifications none.

SCHOOL
OAK GROVE AVE AND COUNTY RD., Burlingame. Install steam heating system in school.
Owner—Burlingame School District.
Architect—E. L. Norberg, Balboa Bldg San Francisco and Burlingame.
ContractorHerger & Kerr, 8 Tehama St., San Francisco.
Filed Oct. 15, '23. Dated Oct. 1, '23.
Pipe roughed in.....$1155
Boiler set & raidator del..... 1155
Completed 1155
Usual 35 days..... 1155
TOTAL COST, $4620
Bonds, $2310 each. Surety, Hartford Accident & Indemnity Co. Limit, 90 working days. Forfeit, $5. Plans and specifications filed.

PLUMBING ON ABOVE.
Contractor—H. R. Park, 113 Crescent St., Burlingame.
Filed Oct. 15, '23. Dated Oct. 1, '23.
Roughed in $417
Fixtures installed 417
Completed 417
Usual 35 days..... 417
TOTAL COST, $1668
Bonds, $834 each. Surety, Globe Indemnity Co. Limit, 90 working days. Forfeit, $5. Plans and specifications filed.
ALTERATIONS, $2000; 108 Peninsula Ave., San Mateo; owner, Clyde A. Thompson, prem.; contractor, Jas. D. Crichton, 630 Prospect Row, San Mateo.
ALTERATIONS, $1800; 510 Highland Ave., San Mateo; owner, Julius Riordon, 510 Highland Ave., San Mateo.
ALTERATIONS, $2000; 215 Griffith Ave San Mateo; owner, Chas. Furaren, 215 Griffith Ave., San Mateo.
DWELLING and garage, $5000; 171 S M Park W Poplarand Midway, San Mateo; owner, H. C. McCool.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Oct. 16, 1923—LOT 18 BLK 49 Easton No. 4, Burlingame. P J Monahan to whom it may concern.Oct. 13, 1923
Oct. 16, 1923—LOT 5 Burlingame Heights, Burlingame. Fred C and Elanor G Crawford to John M Rutherdale.....Sept. 10, 1923
Oct. 16, 1923—LOT 35 BLK 46, Easton No. 4, Burlingame. Thomas Mikkelsen to Larson Bldg Co.Oct. 10, '23
Oct. 18, 1923—LOTS 21 AND 22 BLK 40, South San Francisco. J J Jennings to R C Stickel.....Oct. 13, 1922
Oct. 19, 1923—NW ELLSWORTH AVE 127 SE Mt. Diablo Ave., Lot 50x127, San Mateo. Joe S Mattos to Frank H Boring.....Oct. 8, 1923
Oct. 19, 1923—LOT 16 BLK 4, Town of Burlingame. David Smith Luddy to Morris Sorensen.....Oct. 17, 1923
Oct. 20, 1923—LOT 11 BLK 5, Dingee Park, Redwood City. Mary M and Henry G Saule to John Hall.....
.....Oct. 20, 1923
Oct. 20, 1922—LOT 9 BLK 13, Easton No. 3, Burlingame. Richard B Brownlee to whom it may concern
.....Oct. 11, 1923
Oct. 22, 1923—LOT 12 BLK 4, Central Addition, San Mateo. Lisette M Beyers et al to William F Coop...
.....October 18,1923
Oct. 22, 1923—LOT 13 BLK 31, Burlingame Grove, Burlingame. Roy A Smith to whom it may concern
.....Oct. 18, 1923
Oct. 22, 1923—PTN LOTS 2 AND 3 Blk Brewer Estate No. 1, Hillsborough. Clara R Henry to Cavanagh & Cavanagh.....Oct. 19, 1923
Oct. 23, 1923—LOT 19 BLK 18, Easton Olla I and Bert Miller to whom it may concern.....Oct. 22, 1923
Oct. 24, 1923—LOTS 21 AND 22 BLK 140, South San Francisco. James J Jennings to R C Stikle.Oct. 13, 1923
Oct. 24, 1923—LOT 394 Mission St. Extension Homestead Association, Daly City. John Sampino to whom it may concern.....Oct. 24, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Oct. —, 1923—LOT 7 BLK 52 Easton No. 5, Burlingame. Marshall Newell Paint Co vs Robert Galway and Alfred C Dahl.....$53.71
Oct. 16, 1923—LOTS 11 AND 12 BLK 20, Easton No. 2, Burlingame. Matthew Graham vs James Keegan Co and Jeanette M and A Baradat
....$115
Oct. 16, 1923—LOT 10 BLK 7, Burlingame Park No. 2, Burlingame. M J Sato vs George Huston and R H Gotley $401.67

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Oct. 22, 1923—LOTS 13, 14 AND 15 Blk 6, Burlingame Grove, Burlingame. D Grant to M T Kresteller and James Oswald.....$210

BUILDING CONTRACTS

SANTA CLARA COUNTY.

ALTERATIONS, $3955; No. 315 W-Santa Clara St., San Jose; owner, Rucker Realty Co, 2nd and Santa Clara Sts., San Jose; architect, Herman Krause, Bird & Palmer Sts., San Jose; contractor, Megna & Newell.
COTTAGE, 5-room, $2500; 16th St. nr. Jackson St., San Jose; owner, R. V. Adoraddio, 584 N-16th St., San Jose
COTTAGE, 5-room, $3500; No. 386 N-Sixth St., San Jose; owner, Frank Klein, Alum Rock; contractor, Ed. Delmaestro, 424 W-Julian St, San Jose.
COTTAGE, 5-room, $3800; Twenty-first St. near Santa Clara, San Jose; owner, J. K. Belknap; contractor, H. M. Nelson, 716 E-Santa Clara St., San Jose.
COTTAGE, 5-room, $3200; Atlanta St. near Bird, San Jose; owner, B. F. Farnsworth; contractor, W. O. Furtwangler.
ADDITION, $1000; No. 507 S-Second St., San Joee; owner, Laura Bassy; contractor, Arthur Drake.
COTTAGE, 6-room, $3000; 24th St nr St. John, San Jose; owner, John Freitas, 176 S-3rd St., San Jose; contractor, Joe Faria.
ALTERATIONS, $1000; No. 342 Vine St., San Jose; owner, G. G Panopulos, 343 Vine St., San Jose; contractor, J. Gillespie, 654 N-3rd St., San Jose.
COTTAGE, 5-room, $6000; Clayton St. near First, San Jose; owner, Mrs. Emma Marten; contractor, F. C. Nelson.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $4400; W-Twelfth St. bet Roosevelt and Clinton Sts., Richmond; owner, K. T. Gillan, 619 17th St., Richmond; contractor, L. S. Roberson, 338 20th St., Richmond.
STORE building, brick veneer, $12,000; S Barrett Ave, E -0th St., Richmond; owner, K. J. Henning, Box 1671, Richmond.
DWELLING, frame, $3000; Cor. 6th & Ripley Sts., Richmond; owner, Joe Bouquet, San Francisco; contractor, A. W. Josselyn, 342 S-17th St., Richmond.
DWELLING, one-story frame, $4300; E 39th St., bet. Clinton and Solano Sts., Richmond; owner, Clyde Baker; contractor, C. Overaa, 2105 Roosevelt St., Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., NOVEMBER 3, 1923

Published Every Saturday
Twenty-third Year No. 44

Schumacher

Office
210 American Bank Building

Permanence
Economy

Wall

Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

KOEHRING HEAVY DUTY

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—*dominant strength concrete*—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., NOVEMBER 3, 1923 — Twenty-third Year No. 14

BUILDING and ENGINEERING NEWS

No. 818 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

BUSINESS GETTERS

Determined to give the industrial opportunities of the east bay from Emeryville to Richmond proper consideration in the many inquiries for factory sites, the East Bay Terminal Association, Emeryville Industries Association and the West Berkeley manufacturers have joined their interests and will hereafter support a "New Industries Committee," whose business it will be to look after prospective manufacturers of that district.

Associated in the new committee are manufacturers, shippers, railway industrial representatives, steamship agents, an attorney, engineers and a detail and publicity secretary. There will be 25 members of the new body, and it will act directly with the three organizations as its leading and supporting factor.

MORE THAN $2,519,000,000 INVESTED IN HOME CONSTRUCTION IN YEAR 1922

Approximately $2,519,000,000 was invested in the building of new homes, apartment houses and business structures in the nation's 272 largest cities in 1922, the department of labor announced following a nation wide survey. The survey was based on building permits issued during the year in principal cities. In taking out a permit, the contractor is required to state the value of the structure to go up.

Building activity during 1922 was ertensive. Work was pressed by contractors and owners in the effort to realize high prices and high rents resulting from the nation wide housing shortage. At the beginning of the year it was estimated the country was short shelter for at least 1,000,000 families.

Dwellings and apartments capable of housing 379,348 families were planned during the year. Approximately $1,627,000,000 went into residential construction, or more than 60 per cent of the year's total investment in new structures.

Construction in 1923 began to go forward at a faster rate than in 1922. Activity was intense during the first four months of 1923. The greatest building boom in history developed. It was indicated that the housing shortage would be very materially reduced before winter. Then construction costs soared. The building boom slowed down. Complete collapse was threatened in several large cities.

Building of residential structures is still going on in large volume but not so large as in the early part of 1923. Despite the slackening of work, it is likely that the housing shortage will be less acute by the close of the year than it was last winter. The relief will not, however, be as far-reaching as was indicated in April and March.

SURVEY SHOWS INCREASE IN CEMENT IMPORTS

Imports of hydraulic cement for the month of August as reported by the Bureau of Foreign and Domestic Commerce, amounted to 323,948 barrels, valued at $562,688. The total for the 12 months of 1922 was 323,823 barrels, valued at $628,846.

The imports in August were from Norway, 80,914 barrels; England, 71,954 barrels; Denmark, 56,149 barrels; Sweden, 51,949 barrels; Quebec Province, Canada, 46,319 barrels; Belgium, 12,427 barrels; Germany, 4063 barrels; other countries, 173 barrels. The imports were received in the following districts: Los Angeles, 121,681 barrels; Florida, 33,314 barrels; Oregon, 32,808 barrels; Porto Rico, 29,906 barrels; North Carolina, 26,213 barrels; Buffalo, 21,441 barrels; Vermont, 14,816 barrels; San Francisco, 11,569 barrels; St. Lawrence, 8817 barrels; other districts, 23,383 barrels.

Exports of hydraulic cement in August, 1923, were 73,201 barrels, valued at $219,072.

Francis Cuttel of Riverside and Geo. H. Rhodes of San Francisco have been appointed members of the State Board of Forestry. Rhodes succeeds former Governor George C. Pardee, resigned. Cuttle succeeds Ed. Fletcher of San Diego, whose term expired.

CONCRETE BLOCK AND TILE SPECIFICATIONS

At the 1923 convention of the American Concrete Institute the following proposed standard specifications for concrete building block and concrete building tile were submitted by the committee on standard building units:

"The average compressive strength of concrete block twenty-eight days after being manufactured, or when shipped, shall not be less than 1,500 pounds per square inch of gross cross-sectional area as laid in the wall, and the compressive strength of any individual block shall not be less than 1,000 pounds per square inch of gross cross-sectional area as laid in the wall.

"The gross cross-sectional area of a block shall be considered as the product of the length times the width of the unit as laid in the wall.

"Concrete block shall not absorb more than 12 per cent of the dry weight of the block when tested as hereinafter specified, except when they are made of concrete weighing less than 140 pounds per cubic foot. For block made of concrete weighing less than 140 pounds per cubic foot, the average absorption in per cent by weight shall not be more than 10 multiplied by 140 and divided by the unit weight in pounds per cubic foot of the concrete under consideration.

"The specimens shall be dried to constant weight at a temperature of from 212 to 250 degrees Fahrenheit and the weight recorded. After drying, the specimens shall be immersed in clean water at approximately 70 degrees Fahrenheit for a period of twenty-four hours. They shall then be removed, the surface water wiped off, and specimens re-weighed. The absorption is the weight of the water absorbed divided by the weight of the dry specimen and multiplied by 100.

LUMBER RATE CUT

The State Railroad Commission has denied the request of the Los Angeles Lumber Products Company for the suspension of proposed reductions in rates on lumber from producing points in California to consuming points in the state, as proposed in tariffs filed by the Southern Pacific Co., Atchison, Topeka and Santa Fe Railway Companys, and the Pacific Freight Tariff Bureau.

The complaining company alleged that the reduction in the lumber rates would result in injury and damage in connection with lumber shipped from its mill in San Pedro.

The commission pointed out that it had received petitions from fifty retail lumber companies, and seventy-five producing mill companies, protesting against any suspension of the rates, and urging that the reduced tariffs be permitted to become effective October 31.

The result of the commission's action will be that the reduced tariffs will go into effect on that date.

Mary I. Crocker and J. E. Peterson Jr., of San Francisco, granted preliminary permit by Federal Power Commission for power project on Mokelumne River and Sutter Creek. The plant is to consist of three reservoirs, three water conduits and three power houses. The total development is to be 48,000 horsepower.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

John Lyle Harrington of the firm of Harrington, Howard & Ash, Kansas City Engineers, recently granted a permit by the War Department to construct a bridge over San Francisco Bay at points opposite Redwood City, San Mateo County, and Newark, Alameda County, is in San Francisco completing arrangements to have construction under way by January 1, 1924. The structure will be of steel and concrete construction and will cost approximately $1,700,000.

Advance figures from the Los Angeles harbor commission show the receipt at the port during July of 114,995,224 ft. lumber; 28,346,270 lath; 15,398,050 shingles; 47,275 shakes; 250,284 lin. ft.; poles and piles; 187,552 ties, and 45,600 bdl. box shooks; a total equivalent to 131,803,099 board feet as compared with 89,745,320 feet for July, 1922, and making a total of 871,084,309 ft. for the 7 months of 1923.

Building permits in Oakland during the first nine months of 1923 totalled $19,949,183 as against $17,496,056 for the corresponding period in 1922, an increase of approximately $2,500,000. The number of permits granted was 8,489 from January 1 to October 1, 1923 and 6,649 for the first nine months of 1922.

Preliminary arrangements for the annual convention of the Southern California Retail Lumber Dealers Association at Long Beach, Nov. 17, call for addresses on salesmanship, credits and collections and figuring costs. An address by George La Shell on "Labor and Profit Sharing" will be the event of the day.

Thomas Weston of Santa Ana was elected chairman of the committee which has been appointed to draft a uniform building code for the cities of Orange county. The work will be done chiefly through sub-committees. The cities of Santa Ana, Orange, Fullerton, Anaheim and Huntington Beach are represented on the committee.

The city of San Jose has voted bonds of $150,000 to finance construction of bridges in the city limits in addition to $400,000 for sewer improvements. The proposition to vote $100,000 as the city's share of the cost of separation of the railroad grade on the Alameda failed to carry by 419 votes.

Department of Commerce announces September sales of fabricated structural steel based on figures received from principal fabricators of the country. Total sales of 118,113 tons were reported for September by firms with a capacity of 223,360 tons per month.

Western Pipe & Steel Company of San Francisco awarded contract by Associated Oil Company to construct six 80,000 barrel tanks at Avon, Contra Costa County. Contract price in neighborhood of $205,800.

Al Kader Temple, Mystic Shrine, Portland, Ore., will hold competitive contest among architects of that city for a $1,000,000 Masonic Temple.

General Motors Company will construct additions to its plant at Fifty-ninth street and Foothill Blvd., Oakland, costing $250,000.

A new plan for diverting water from the Colorado river, making it available for irrigation of upwards of 2,000,000 acres of Arizona land has been proposed by C. C. Tillotson, Clarkdale, Ariz., engineer, and laid before Governor Hunt and the committee of nine. The plan calls for the construction of a dam on the Colorado river more than 700 feet in height, the building of a flume or conduit from the dam, along the river to the mouth of the little Colorado river and thence upstream on the latter to a favorable point estimated at from fifteen to thirty miles from the intake.

Development of an irrigation project involving the expenditure of $4,000,000, by which 100,000 acres of new land may be served with unlimited water through a three-year drought, is being undertaken by ranchers and landowners of the Santa Maria and Santa Ynez valleys, it is announced by State Engineer W. F. McClure, who has recommended two dams, one for the Sisquouc and one for the Santa Ynez river, as the first step in the enterprise.

State Engineer W. F. McClure will attend a meeting in Hanford, December 7, to determine the feasibility of giving the Tulare Lake Storage Water District a permit. The meeting was called after the district had established the sufficiency of its permit before the state engineering department. The district proposes to water 176,000 acres in the San Joaquin valley, the majority of which lies in Kings county.

Barry Dibble in charge of reclamation work on the Minidoka project in Idaho for the past 13 years, at present project manager and head engineer in charge at American Falls, has been transferred to Denver where he succeeds James M. Gaylord, electrical and mechanical engineer.

The Western Lumber Products Company, Inc., has established headquarters at Spokane, Wash., and is erecting a sash and door mill, machinery to be moved from the company plant at Colville, Washington. H. L. Acomb is president of the concern.

According to Clay-Worker a two or three-year course in any trade school is an absurdity. A two or three months' course is ample for a bricklaying course and a longer term is a wanton waste of time.

Hesperides Mining Co., operating just east of the town of Wallace, Calaveras County, plans the installation of a crusher for a commercial gravel plant.

City Park Department of Sacramento will plant trees in all streets in residential section, the work to be done at cost to property owners.

City of Long Beach contemplates the purchase of materials and equipment for the municipal gas plant.

Mill of D. L. G. Lumber Company at Quincy, Calif., suffers $10,000 fire loss. H. J. Langhorst, owner of plant.

T. E. Lundee, retired contracor, died in Sacramento, Oct. 29. He was 80 years ago and a native of Norway.

ALONG THE LINE

C. B. Duncan, superintendent of streets and building inspector of Beverly Hills, and his office assistant, Miss Grace Johnson, have resigned their positions, effective Oct. 15. O'Neill Barnwell, who was assistant inspector in the building department, is acting chief inspector, succeeding Mr. Duncan. Jack Albers was recently appointed city engineer.

John Galen Howard, San Francisco architect, announces his association with E. Geoffrey Bangs, Henry C. Collins, Henry Temple Howard and Chas. F. B. Roeth, architects, for the practice of architecture under the name of John Galen Howard and Associates, with offices in the First National Bank Bldg., San Francisco.

Emmett Britton, assistant to A. E. Wishon, general manager of the San Joaquin Light & Power Company, Fresno, has resigned, effective No. 1, to become associated with King-Knight Co. of San Francisco, manufacturers' representatives for the distribution of mechanical and electrical equipment.

C. E. Cheney, city planning expert employed by the city of Santa Barbara, will assist the building ordinance committee of the Santa Barbara Chamber of Commerce in framing a new building code for the city. It is expected the new ordinance will be presented to the city council in about a month.

F. W. McCarten, City Engineer of Modesto, rejects offer of Stanislaus County Development Board to represent that body in Los Angeles, when Modesto city council votes him $100 a month raise, placing his salary at $300 a month.

State Highway Commision files plans with U. S. Engineer Office seeking permit to construct bridge across Klamath river near Requa, Calif. The proposed structure, authorized by the Legislature, will cost approximately $250,000.

Bruce Hayden of San Francisco has been named vice-president of the American Hardware Manufacturers' Association and National Hardware Association.

Hall & Stevenson, structural engineers, formerly at 551 Stuart Building, Seattle, are now located at 4409 White-Henry-Stuart Building.

Thos. R. Murphy, San Francisco fire chief, has been named chairman of the exhibit committee of the International Association of Fire Engineers.

Don H. Moore appointed by Governor Richardson as harbor master at Eureka, Calif., succeeding S. S. Silkwood, resigned.

South San Joaquin Irrigation District votes bonds of $550,000 to concrete line canals in district.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

STOCKTON BUILDERS' EXCHANGE HOLDS MONTHLY MEETING DINNER

The Stockton Builders' Exchange held its regular monthly open meeting and supper in the exchange quarters in North San Joaquin Street Friday evening, October 26th.

President O. H. Chain presided at the meeting.

An elaborate old-fashioned New England dinner with all accompaniments was served in the banquet hall after which the meeting was called to order in the auditorium.

An interesting program had been arranged, cigars were lighted and business cares banished.

President Frank L. Williams of the State Building and Loan Association was one of the speaker guests and delivered an interesting address on the history, function, uses and applications of the building and loan plan in financing building operations.

Beginning with the early history of the plan, which he stated originated in China many centuries ago, it spread to England and thence to the United States where it has become exceedingly popular.

First there were a number of different plans under which the building and loan plan was operated. Several of these have been discarded and now practically all of the companies are operating under what is called the "guaranteed capital" plan.

Williams showed the members where it would be to their interest to negotiate loans for their clients of a building and loan association where the moral risk was satisfactory and showed them, as well, where it would be to the interest of everyone to convert Liberty bonds into more liquid capital.

The newly formed Belmont quartet of Stockton rendered several selections.

"A State Exchange and its Benefits" was the topic of an interesting talk by Horace C. Jones of the Alameda County Builders' Exchange and the arguments he submitted and the reasons why such an exchange should be created were well accepted by the members. It was a thought, a suggestion, to be considered by the different exchanges and acted upon later.

Alex Emerson, a Scotch vocalist, rendered a group of songs and ballads which made a decided hit with the contractors.

Harry McManus, secretary of the Painters' Association of California, E. W. Shaw, secretary-manager of the Alameda County Builders Exchange and Jos. Odgers, advertising manager for the Daily Pacific Builder, were also speakers.

LUMBER ASSOCIATION OFFERS ITS ANNUAL PRIZE

The National Lumber Manufacturers' Association offers $2000 in prizes for the best ideas that are developed in the field of waste prevention and closer utilization as related either to logging or sawmill operations. The offer applies only to those actually employed in the lumber industry, including, however, technical men who derive their income from the industry. Suggestions should be sent to the Engineering Department, Natl. Lumber Mfrs. Assn., Washington, D. C.

GOOD PUBLICITY

The Master Plasterers' Association of Alameda County, organized to promote better conditions in the industry, has undertaken an advertising campaign in the leading newspapers of the East Bay Cities instructing the public on the art of good plastering.

In a recent issue of the Oakland Tribune the association featured an advertisement with the caption "Plastering—An Art Of The Ages," this being followed up, viz: Good plastering throughout the ages has been recognized both as a utility and an art. The frieze work done by the plasterer in England during the Elizabethan era still stands as a lasting tribute to the craft. America has inherited its plastering art direct from England. GOOD PLASTERING IS THE MARK OF GOOD BUILDING. Members of this association are pledged to Good Plastering.

TENTATIVE PROGRAM FOR ANNUAL MEET OF A. S. M. E. IS COMPLETED

The Forty-Fourth Annual Meeting of the American Society of Mechanical Engineers which will be held in New York, December 3 to 6 will be featured by two sessions of general interest and sixteen technical meetings. These are in addition to the usual presidential address which this year will be followed by the ceremony at which the A. S. M. E. medals will be awarded to John R. Freeman, Past-President, A. S. M. E., and Frederick A. Halsey.

The Wednesday evening session of the meeting will be devoted to the subject of Hydroelectric Power. John R. Freeman, Past-President of the American Society of Civil Engineers and of The American Society of Mechanical Engineers, will outline the fundamental principles underlying the economic developments of Hydroelectric Power. The American Society of Civil Engineers and the American Institute of Electrical Engineers will co-operate in the program and each will be represented by a speaker in the discussion.

Another session of general interest will be held Wednesday afternoon, but the subject and the speaker cannot be announced at this time.

The opening day of the meeting will be devoted to the meetings of the Council and the administrative committees. The technical sessionh will start on Tuesday. The assignment of sessions has not been completed, but in general it is planned to avoid conflict with the National Exposition of Power and Mechanical Engineering which will be held simultaneously with the Annual Meeting. By arranging sesions of interest to power engineers during the mornings of the meetings this conflict will be avoided as the Power Show does not open until noon each day.

The topics which are to be discussed at the various sessions are given here as an indication of the interest the meeting will have for the members of the Society. The Textile Session will discuss the organization and construction of woolen mills and preventing steam loss in finishing plants. At a joint session with the American Society of Refrigerating Engineers heat transfer and insulation will be the topics. The Gas Power Division will have the solid-injection engine and the economic status of oil engines as its topics. The Power Division will have two sessions, one on methode of measuring water flow and another on heat cycles and boiler-plant economics. The Railroad Division is centering on the one subject of modern subway cars and their operation. The Fuels Division and the Materials Handling Division are co-operating in one session on the subject of coal storage in its engineering and economic phases.

The Machine Shop Practice Division will consider the development of modern metal-stamping practice and will hear a progress report of the Research Committee on the present status of the art of cutting metals. The Management Division has a program on the relation of mechanical engineering to management in the metal-working, woodworking and textile industries. The Ordnance Division will consider industrial preparedness plants and will hear a discussion on a technical paper giving the advance in physical measurements in Ordnance Department research. The Aeronautic Session will discuss corrosion of aluminum alloys and some commercial problems of the airplane.

In addition to these technical sessions there will be a public hearing on the Power Test Codes for Stationary Steam Generating Units and the Test Code for Locomotives. There will be an open meeting of the special Research Committee on Fluid Meters at which the report of this committee will be discussed. The Steam Table Research Committee will also have a session at which the progress in the research will be recorded.

There will be an interesting program of social events which will include a Smoker on Tuesday evening, a Ladies' Tea on Wednesday afternoon, and a Dinner Dance on Thursday evening. A large and active Ladies' Committee is busily engaged preparing for the entertainment of the large number of ladies who usually attend the Annual Meeting.

ELECT OFFICERS

C. W. Pinkerton of Whittier reelected president of California Retail Lumbermen's Association. Other officers elected: F. Dean Prescott of Fresno, first vice-president; J. H. Chase, San Jose; E. L. Blackmore, Oakland; A. M. Pearce, Oakland; John H. McCallum, San Francisco; W. E. Landrum, Merced, directors.

Sacramento has been designated as the 1924 convention city of the California Section of the American Water Works Association.

Pig Tail Staple Co., 519 California street, has opened factory quarters at 115 Stillman street, San Francisco.

Asphaltic Concrete Base Makes Possible Rapid Paving Program

By Clifford A. Elliot, Cost Engineer, Pacific Electric Railway, Los Angeles.

(Reprint: Electric Railway Journal)

The Pacific Electric Railway, in operating a large mileage of local street car lines in some ten cities of Southern California, has been confronted with various improvement ordinances requiring reconstructing and repairing of tracks. Such ordinances specify that the pavement in and about high T and grooved-girder rail shall consist of 6 in. of hydraulic concrete base and 2 in. of sheet asphalt wearing surface. It has been found to be an impossibility to continue the use of this type of pavement due to street traffic, both automobile and street car, and to the inability to kill one track of a double-track line during the period of reconstruction and paving. A new type of paving was therefore necessary and the resultant type has come as an outgrowth of nine years of experimenting. It has met the approval of the municipalities where permission has been granted to substitute it for the former type.

The company is now using a type made up of an asphalt concrete base with sheet asphalt wearing surface. This type meets all requirements in that it can be successfully placed in and about the rails while the track is in service. This pavement gives a resiliency desired in the track structure, and the after results are most favorable for making repairs to the rail joints and track bonds because of the ease with which the paving material may be removed and replaced. In the old standard, when hydraulic concrete base was used, the depth of the base was 6 in., while the sheet asphalt surface was 2 in. in depth. In using this new type of base its dept his confined to 5-in. and the wearing surface depth to 2 in. The cross-section illustrating this type of pavement indicates how the asphalt concrete base is carried down beneath the base of the rail for a depth of 3 in. in order to provide additional reinforcement for the rail.

Many items enter in the selection of the proper base when a paving program is proposed, among them being the amount of interruption to traffic over the section undergoing improvement. Such interruptions cause patrons to desert the street railway line and patronize the jitney bus. Another item to be considered is the public favor the utility will gain when the municipalities see that a first-class type of pavement is being laid in the least possible time. Municipalities as a rule have a tendency to complan of the lengthy time utilized by street railways in repairing, reconstructing and paving their tracks. In support of asphaltic concrete, along these lines, it may be said that twenty-four hours after a section has been laid vehicle traffic may pass over the newly paved area, while there need be no interruption in car traffic during any stage of the construction.

A large amount of the company's trackage in the city of Los Angeles is operated jointly with the Los Angeles Railway lines and is of combination-gage construction. The Pacific Electric Railway tracks are laid to standard gage, while the third rail is laid to narrow gage—3 ft. 6 in. In the paving of tracks of this nature, as well as in snug locations and on special work, a more economical and efficient job may be obtained by the use of asphaltic concrete base than by the use of hydraulic concrete base.

In the downtown business section of this city the engineering department, in the recent reconstruction of some of its tracks, has found it advantageous for handling track reconstruction and repaving work, where this type of pavement was used, to obtain the city's permission to close up one side of the street at a time, but not for more than one city block. These jobs were handled with a twenty-four hour force. A number of feet of track was completely reconstructed, the ballast being machine tamped. The engineering department's paving gang, working during the night period, placed the asphaltic concrete base, while on the following day the day paving forces placed the sheet asphalt wearing surface. It was possible to handle these jobs in congested business districts of the city only in this manner. The asphalt concrete base could not be successfully rolled, in accordance with the plans for placing the base, during the daytime, as street car headway in this particular district varied from thirty seconds to two minutes, depending upon the time of day.

The Asphalt Wearing Surface Being Placed Upon Completed Asphalt Concrete Base

With reference to the proved life of this type of pavement, it has been found that a strip of like nature was laid on Main street in Visalia, Calif., in 1894, which consisted of an asphalt concrete foundation approximately 6 in. in depth, with an asphalt wearing surface a good inch in thickness. The city has expended nothing on its maintenance and in June, 1920, it was considered to be in good condition.

The Pacific Electric Railway secures its supply of this type of pavement from asphalt contract plants. It is mixed at the plant under the railway company's specifications and is purchased in terms of boxes, the approximate weight of one of the mixture amounting to 1,000 lb. The specifications for the asphalt concrete base and asphalt wearing surface are as follows:

Placing and Rolling, Under Service, the Asphalt Concrete Type of Base

Placing Asphalt Concrete Type of Base Around Special Work

BITUMINOUS BASE

(a) Composition.

Bituminous base shall be composed of asphalt cement, broken stone and sand in the following proportions by weight:

	Per Cent
Asphalt cement	4½ to 6
Stone and sand:	
Passing 10-mesh screen	20 to 30
Passing ¼-in. screen, retained on 10-mesh	6 to 20
Passing ½-in. screen, retained on ¼-in.	10 to 20
Passing 1-in. screen, retained on ½-in.	20 to 40
Passing 2-in. screen, retained on 1-in.	5 to 25

(b) Mixing.

The different sizes of stone shall be kept in at least two separate bins and 10-mesh material in a third bin. The proportioning of the various sizes shall be done by means of multiple-beam scales.

The broken stone and sand shall be heated to a temperature between 225 and 275 deg. Fahr. and shall be placed in a mixer and the required asphalt cement added.

The asphalt cement shall be prepared for use by previously heating to a temperature of not more than 325 deg. Fahr. and when used the asphalt cement shall not be colder than 285 deg. Fahr. Each batch shall be mixed at least sixty seconds, with the paddles of the mixer running at a speed of not less than seventy-five nor more than ninety revolutions per minute. In addition at least ten seconds shall be allowed on each batch for charging and emptying the mixer.

ASPHALT WEARING SURFACE

(a) Composition.

Asphalt wearing surface shall consist of a mixture of asphalt cement, stone dust and sand in the following proportions by weight:

	Per Cent
Asphalt cement	10 to 12
Sand and stone dust:	
Passing 200-mesh screen	13 to 17
Passing 80-mesh screen, retained on 200-mesh	20 to 25
Passing 50-mesh screen, retained on 80-mesh	17 to 22
Passing 30-mesh screen, retained on 50-mesh	18 to 24
Passing 20-mesh screen, retained on 30-mesh	4 to 8
Passing 10-mesh screen, retained on 20-mesh	2 to 5

At least 15 per cent and not more than 18 per cent of the wearing surface mixture shall be stone dust of the kind and quality hereinbefore specified. Of material passing 80-mesh screen and retained on 200-mesh screen not less than 30 per cent nor more than 50 per cent shall be retained on a 100-mesh screen.

To determine the estimated amount of asphalt required per square foot of area to be placed where double-track right of way is figured 22 ft. wide and single-track right of way is figured 10 ft. wide, the following requirements are standard:

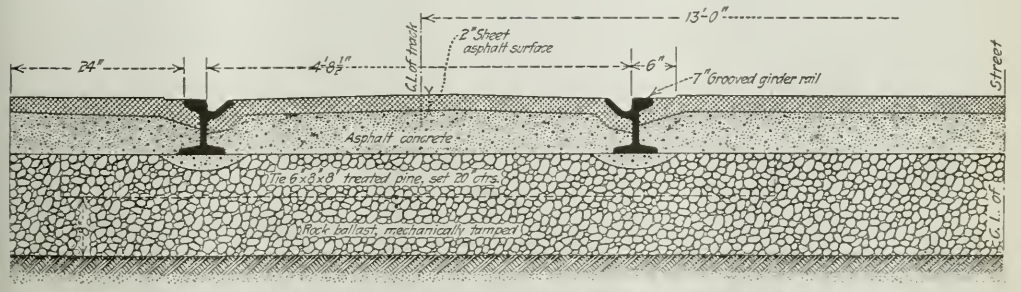
For asphalt concrete base with 7-in. high T-rail a finished area of about 1½ sq. ft. to a cubic foot of material is produced, while with 6-in. T-rail, the finished area is about 1¾ sq.ft. to the cubic foot of asphalt.

Where only surface asphalt paving is laid an area of approximately 6 to 6½ sq.ft. is covered to the cubic foot of asphalt.

Where the pavement consists entirely of asphalt, the area obtained from a cubic foot of asphalt depends entirely on the manner in which the track is dressed. In estimating the amount of asphalt material, it is figured where 7-in. high T-rail is used there will be from 8½ in. to 9 in. of pavement; where 6-in. high T-rail is laid, 8 in. to 8½ in. of pavement.

If no paving blocks are used along the edge of the rails, the pavement is laid in two courses, each course being rolled with a 10-ton steam roller, which consequently gives manifoldly more compression in the pavement than ordinary street work.

Where paving blocks are used the bottom course is rolled rolled before the blocks are set and the middle course is rolled with an 850-lb. hand roller, weighted down with about 200 lb. and the surface is rolled with a 6-ton roller, which adds considerably more compression than ordinary street pavement.



Cross-section of Pacific Electric Track with Asphaltic Paving Base

TRADE NOTES

A deal has been closed at Oakdale, by which Samuel Kaufman sells the old Dickson ranch east of Oakdale to the Atlas Rock Co. which was organized by Fresno men to take over the gravel plant built by the Modesto and Turlock Irrigation Districts for use on construction of Don Pedro dam. The consideration is not given. The ranch consists of 160 acres, much of it bottom land, but all of it underlaid with 12 to 15 feet of fine gravel and sand. The irrigation districts has previously purchased the sand and gravel on a loyalty basis, but the new concern wanted to buy the entire property. It consists of about 15 acres of grapes, and a large tract of alfalfa. The Atlas Rock Company will probably lease the agricultural part of the ranch for the present, as it will be many years before the gravel bed underneath will be reached. Enough gravel is now in sight to keep the plant running for several years.

Removal of the Paraffine Companies, Inc., into its newly acquired building at 475 Brannan street, San Francisco, is announced. This concern has taken a twenty-year lease on the two-story building, involving a total rental of more than $1,000,000, and has just completed thoroughly remodeling and equipping the structure at a cost of $100,000. Approximately 205,000 square feet is contained in the building, which will now house the company's container plant formerly located in Oakland; the Pacific Folding Box plant, the main office, and serve as a warehouse. The Paraffine Companies, Inc., is said to have holdings valued at $12,000,000.

Harry K. Boone and Stephen K. Boone, operating as the Boone Constr. Co., of Los Angeles, filed voluntary petitions in bankruptcy both as individuals and as partners. The liabilities of the firm are listed at $42,269 and assets at $28,375.

The American Crushed Rock Company of Los Angeles will establish a rock crushing and gravel plant on a 171-acre site near Claremont, Calif. Approximately $150,000 will be expended in plant buildings and equipment.

Chain Belt Co. of Milwaukee, Wis., has opened warehouse and office quarters in Portland, Ore. A. C. Sullivan of late with the Allis-Chalmers Manufacturing Co., will be Northwest Manager for the company.

Guadalupe Portland Cement Company closes deal with Maurice Pope of San Francisco for purchase of 259 acres in vicinity of Almaden mines at San Jose, where the company plans to establish a cement plant.

The San Joaquin Portland Cement Company plans early construction of a plant near Three Rivers, Tulare County. Work will be started as soon as reports of engineers are in and site selected.

The Henry D. Davis Lumber Company has closed its office in Los Angeles and Tom Parcher, formerly in charge, is now with the Pacific Lumber Co. in the same city.

West Coast Dredging Co., Antioch, Calif., is moving its equipment from Watsonville to a point near Salinas where the company has several ditching contracts.

"Rotten" Construction In Oakland Schools Is Charge

The investigation of Alameda County Architect Henry H. Meyers into the charges of Wilfred N. Ball, former construction engineer of the Oakland School Department, that inferior materials had been substituted in the recent building of Oakland high schools has uncovered startling conditions, far more serious than were hinted at in Ball's accusations.

This was learned from an authoritative source and virtually admitted by J. D. Armstrong of Hayward, foreman of the grand jury that is now probing the situation.

"Yes, it is true," said Armstrong, 'that Meyers' report contained disclousures that went considerably beyond the charges of Ball. How serious these may prove to be I would not care to say at present, for the grand jury has not completed its investigations. The public may rest assured, however, that we will go to the bottom of the affair, which we already have arranged to do. There will be, I think, three more meetings of the grand jury, one each week."

Armstrong said the members of the Board of Education and possibly other school officials will be called before the grand jury.

It is understood that C. W. Dickey, architect in charge of the construction of the University, McClymonds and Roosevelt high schools, which were concerned in Ball's charges, also will be called upon to testify, following assertions of Roscoe W. Littlefield, contractor for these buildings, that all interpretations of the plans and specifications or so-called deviations therefrom were under the direction of Dickey.

Armstrong said there seemed to have been a conflict of authority between the architect and the construction engineer.

Architect Meyers refused to comment on the situation or his testimony, except to say that he found conditions "rotten."

LINK-BELT COMPANY PURCHASES MEESE & GOTTFRIED INTERESTS

Charles Piez, president of the Link-Belt Company, Chicago, announces the purchase of the Meese & Gottfried Co., of San Francisco, Los Angeles, Seattle and Portland.

For the last ten years Link-Belt Company has been distributngi its products on the west coast through its subsidiaries, the Link-Belt Northwest Company, of Seattle, and the Link-Belt Pacific Company, of San Francisco. The improvement in distributing facilities effected by the consolidation, and the additional manufacturing facilities accquired, should give the rapidly-growing industries of the Pacific Coast highly economical and efficient service.

Meese & Gottfried Co, and its predecessors, have been manufacturers of power transmission machinery and distributors aof conveying and transmission machinery on th ecoast for more than forty yetars, and were well and favorably known from the Canadian to the Mexican border. It is the intention of the nowe owners to add to the facilities and enlarge present stocks, so that prompter service to its custimers will be insured.

The new organization will be known as Link-Belt, Meese & Gottfried Co., with headquarters at San Francisco. The officials will be: Charles Piez, chairman of the board; B. A. Gayman, president; Harold H. Clark, Vice-president and sales manager; Leslie W. Shirley, treasurer; Richard W. Yerkes, secreary.

Mr. Yerkes came to Chicago from the Link-Belt Philadelphia plant, as the newly-elected treasurer and secretary of the Link-Belt Company, to succeed Mr. Gayman. All officers, with the exception of Mr. Piez and Mr. Yrekes, are located at the company's headquarters ,San Francisco.

In Seattle, the Link-Belt northwest offices, warehouse and shop will house the new organization, while at San Francisco, Portland and Los Angeles the former Meese & Gottfried plants and offices will be used, the location being as follows: San Francisco, 19th and Harrison Sts.; Los Angeles, 400 E. Third St.; Seattle, 820 First Ave., So.; Portland, 67 Front St.

Link-Belt Company has in its policy of expansion, placed its manufacturing plants and warehouses near its markets, so that users of materials-handling and power transmission equipment may be provided with prompt service at low freight rates.

RESIDENTIAL CONSTRUCTION LEADS BUILDING OPERATIONS

No person familiar with the construction industry lacks the knowledge that residential building, including hotels and apartments, makes up a great volume of the total. But reports for September show some interesting sidelights on how much of the real work being carried on today is for this class of work.

Thirty-nine per cent of September's contracts awarded were for residence construction. The total figure for this class of work from thirty-six states is the imposing sum, $111,906,000, according to F. W. Dodge Corporation reports.

In New York State and northern New Jersey, the percentage for residential work is 54, which means, of course, that over half the energy of the whole construction industry in that section will be devoted to filling these contracts.

For the city of Chicago, September awards give the largest percentage to business building, 45 per cent of the city's awards being for that class. Residential construction accounts for 35 per cent of the total.

Detroit made 57 per cent of its awards for public works and utilities and only 27 per cent for residential construction.

For Ohio as a state, the percentage for residential construction was 27. In Florida, it was 17 per cent.—American Contractor.

"PLAYING POLITICS" IS CHARGE AGAINST ENGINEER

Demand for the removal from office of R. F. Goudey, southern engineer of the state board of health, has been made by Mayor George Cate of Redondo Beach; Mayor A. R. Holston of Hermosa Beach; Mayor Carl W. Bull of Manhattan Beach, and Kimball Fletcher, city attorney, and Charles F. Saunders, city engineer of Hermosa.

The chief grounds advanced for Goudey's removal from office are "playing of local politics" and "unwarranted interference" in the matter of an application by the South Santa Monica bay cities for the organization of a sanitation district to be known as the South Bay Cities sanitation district.

The letter has been sent to Walter M. Dickis, secretary and executive officer of the California state board of health at Sacramento.

BUILDING CHIEF COMMENTS ON FEDERAL RULING

(By General H. C. Marshall, Jr., Former Chief of the Construction Division of the Army).

I have read the statement by Attorney General Dougherty in the suits against the A. Bentley & Sons Company for the construction of Camp Sherman. This is one of eleven suits which aggregates $55,000,000 against the contractors who built the National Army Cantonments.

It looks to me as though the Attorney General were whistling in the dark to keep up his courage. The one thing the Government has based these suits on is the allegation that the contractors were trustees. Judge Sater devoted four lines in his decision to knocking this thin theory into bits. He simply says there is nothing in it.

Everybody connected with the building of the cantonments knows that cantonment contractors were independent contractors and never at any time were trustees for the Government. There never was an intention to make the contractors trustees and the legal effect of the contracts simply made the contractors independent contractors dealing with the Government and this fact the Attorney General should have known without its being necessary for a United States Judge to point it out to him so abruptly.

Judge Sater's decision will require the Government to show the details of each and every transaction on which the Attorney General bases his absurd claim against the contractors. The enormous amount of the suits is based solely upon the theory of trusteeship. There never was an allegation that the contractors themselves obtained the sums sued for or any part thereof. The suits simply claim that in their alleged capacity as trustees, the contractors built the cantonments at a cost greater than the Attorney General believes he could have built them and the suits claimed from the contractors the difference in cost solely on account of the Government's allegation that the contractors were trustees.

The theoretical trusteeship has gone into the waste basket where it belongs. The contractors have always been willing to answer any proper and definite allegation as to any named item. It is now up to the Government to advise the contractors what they are being sued for. Heretofore neither the contractors nor the Government has known what the suits were about, except for this theoretical trusteeship. Judge Sater's decision is a distinct victory for justice. These contractors are in no different position from any other person who is sued. They are entitled to know what it is all about. If the Attorney General ever has had any information on which to base a proper suit, it is now his obligation to disclose it.

TIBBITTS-PACIFIC CO. LOW FOR FERRY-SUBWAY PROJECT

Tibbitts-Pacific Co., 16 California St., San Francisco, at $238,700 submitted low bid to State Board of Harbor Commissioners to construct subway under Ferry Loop at the foot of Market St., San Francisco. Other bidders were: Louis J. Cohn, $270,000; Healy-Tibbitts Construction Co., $280,000; Clinton Construction Co., $309,000 and J. T. and J. Walsh, $349,750. Subway will provide tunnel 22 ft. wide and 13 ft high with two traffice paths. Construction will be of reinforced concrete with some steel. Bids have been referred to Frank G. White, Chief Engineer of the Commission, for report.

New Census Indicates Greater Interest In Good Roads Movement

That interest in the good roads movement throughout the country is increasing rather than diminishing is shown by results of a census on bond issues contemplated and authorized for highway construction just completed by The Asphalt Association, New York. The figures show that a total of $781,228,384 in bond issues, exclusive of Federal aid, were reported under contemplation in the states, counties, townships and road districts of the country from Aug. 1, 1922, to Aug. 1, 1923, and that the sum of $617,029,537 was actually authorized to be expended. The amount reported as contemplated exceeded the $748,563,000 contemplated during the year previous by $32,675,384 and the sum authorized exceeded that of the year before by $75,304,757. The bond issues authorized from Aug. 1, 1921 to Aug. 1, 1922, amounted to $541,724,780.

"For some time," said J. E. Pennybacker, Secretary of The Asphalt Association, "among good roads advocates the opinion has prevailed seemingly that the public demand for improved roads is not now as great as in previous years. That the exact reverse as the case is shown by the investigations we have made. Not only is the demand for good roads increasing practically everywhere but there is a much greater demand for the finest types of hard surfaced highways such as sheet asphalt and asphaltic concrete. Last year 82,000,000 square yards of asphalt highways were constructed in this country. The reports we are now receiving indicate that asphalt construction this year will far exceed that figure."

Reports to the Asphalt Association show that the states, counties, townships and road districts of the various states had under consideration or contemplation, exclusive of Federal aid, Aug. 1, 1922 to Aug. 1, 1923, new bond issues for improved roads as follows: Alabama, $350,000; Arkansas, $3,380,000; California, $12,750,000; Colorado $6,000,000; Connecticut, $25,000; Delaware, $1,100,000; Florida, $10,355,000; Georgia, $61,125,000; Illinois, $52,325,000; Indiana, $480,480; Iowa, $51,114,000; Kansas, $741,426; Kentucky, $55,255,000; Louisiana, $4,503,000; Maine, $10,000,000; Maryland, $340,000; Massachusetts, $1,390,000; Michigan, $14,178,350; Minnesota, $54,294,000; Mississippi, $2,045,000; Missouri, $5,282,990; Nebraska, $10,000; New Jersey, $44,761,500; North Carolina, $3,525,000; New York, $3,082,400; Ohio, $2,391,565; Oklahoma, $17,825,000; Oregon, $1,458,000; Pennsylvania, $66,496,500; Rhode Island, $500,000; South Carolina, $7,733,000; Tennessee, $78,807,500; Texas, $72,703,000; Utah $130,000; Virginia, $79,763,000; West Virginia, $5,419,400 and Wisconsin, $1,174,000. Arizona, Idaho, Montana, Nevada, New Hampshire, North Dakota, New Mexico, South Dakota, Vermont, Washington and Wyoming reported little or nothing in the way of contemplated road improvements.

Bond issues authorized during the year in the various states, exclusive of Federal aid, were as follows: Alabama $6,605,000; Arizona $2,610,000; Arkansas $6,416,000; California $33,150,314; Colorado $15,000,000; Connecticut $125,000; Delaware $10,240,000; Florida $35,493,000; Georgia $1,005,000; Idaho, $425,000; Illinois $123,638,000; Indiana $5,877,996; Iowa $17,435,000; Kansas $1,582,062; Kentucky $5,987,000; Louisiana $9,813,100; Maine, $916,000; Maryland $4,658,000; Massachusetts $628,000; Michigan $9,564,250; Minnesota $19,311,679; Mississippi $5,325,000; Missouri $15,634,999; Nebraska $1,020,000; New Jersey $24,300,000; North Carolina $25,540,000; New York $5,990,000; Ohio, $8,719,000; Oklahoma $4,915,000; Oregon $8,863,000: Pennsylvania $159,398,000; Rhode Island $805,000; South Carolina $5,611,000; Tennessee $984,000; Texas $18,406,500; Virginia $4,096,493; Washington $819,000; West Virginia $16,197,665 and Wisconsin $7,464,000. Montana Nevada, New Hampshire, North Dakota, New Mexico, South Dakota, Utah, Vermont and Wyoming reported practically nothing.

That the greatest interest in good roads is to be found in the South at present is indicated by the fact that Virginia led all other states in contemplated improvements. Tennessee was second and Texas third. Pennsylvania ranked fourth. The last named state, however, led the country in the amount of money actually authorized to be expended. Illinois was second in this respect, Florida was third and California fourth.

OVERBURNED LIME IS CAUSE OF "POPPING" IN PLASTER

Lime which has been overburned or which has been burned during hydration is the cause of popping in plaster, tests made at the Bureau of Standards have shown. In this type of failure small particles appear to expand and push themselves out of the plaster, leaving tiny holes. In extreme cases these holes may be sufficiently large or numerous to be unsightly. It has been shown that popping will not be serious if the lime is ground fine enough to pass a number 50 sieve, as in that case the lime will be completely hydrated during the mixing and application, or else the particles of defective lime will be too small to cause noticeable holes.

These tests were made in co-operation with the National Lime Association, the Contractaing Plasterers' Association, and the International Plasterers' Union. Ninety-eight panels were erected containing different impurities in different sized particles. It was found that, with the possible exception of sand, impurities other than overburned lime did not cause popping no matter how coarse they were.

SAFETY IN BUILDING URGED BY ARCHITECT

Declaring that building for the future must be considered from the standpoint of safety from the ravages of fire and urging the construction of plastered houses, W. A. Doctor, Oakland architect, gave an interesting talk before the salesmembership class of the Oakland Real Estate Board.

Architect Doctor pointed out that there is a daily fire loss in the United States of $1,500,000. He said that careful study should be made of the many processes that are fire-resisting. The cost was but slightly in excess of wooden construction. The speaker particularly urged the construction of plastered homes, both exterior and interior. He said the modern methods are such that plastered home are "almost everlasting" when the work was well done. Asphalt shingles, Spanish tile, asbestos and copper roofing were recommended.

Butte Electric & Manufacturing Co., formerly located at 534 Folsom street, is now located in new quarters at 956 Folsom street, San Francisco.

ENGINEERS DEFY BAR ASSOCIATION TO BRAIN TEST—QUESTIONS ARE PLACED

A challenge to the state bar associations to meet the state chapter of the American Association of Engineers in an intelligence test has been issued by Fred Grum, engineer of the state highway commission and a member of the Sacramento branch of the engineer's association.

The engineers issued their defi following a stormy meeting devoted to discussion or reputed statements of lawyers depreciating the standards set up by engineers during the army intelligence tests.

The challenge was addressed to J. W. Butler, president of the state bar association, and states that the engineers would meet the lawyers in a contest of wits at a date and place to be determined by the attorneys.

Questions propounded in the test should be taken from the entrance examinations given at Columbia University or dictated by some eminent educator, the challenge sets forth. The engineers state they are open to contests in all cities of the state where both associations have chapters, or that each society may choose teams to represent it in the contest.

As representative of the type of questions on which it is suggested the duel of wits should be conducted, Grum cited the following questions from recent examinations at Columbia University:

1—What letter designates the note on the bottom line of the staff of music?

2—What is the smallest fraction of a cent in which stocks are quoted?

3—During what war did the Charge of the Light Brigade take place?

4—What instrument is used to test the strength of storage batteries?

5—What was the nationality of William of Orange?

6—How many feet does an object fall from a position of rest in the first second

7—Who founded the Mormon Church?

8—Who is the father of modern Socialism?

9—In what city was President McKinley assassinated?

10—For what American poet was the arm chair made from the spreading chestnut tree?

11—In what river are the Thousand Isles?

12—By whom was the Angelus painted?

13—What breed of dairy cows gives the greatest amount of milk?

FRESNO PLUMBER IS INVENTOR OF COOLING DEVICE

Geo. R. Evans of the Evans Plumbing & Heating Company of Fresno, Calif., has been granted a United States patent on an air cooling device.

The cooler consists of a square case or box, having a square opening in one side and a round opening in the other side. A fan or blower is mounted in the round opening in such a way as to force air through the box and out of the square opening. The bottom of the box is water tight and supports a plurality of porous tubes which extend vertically and are mounted in staggered rows. A float controlled water tank is mounted at the top of one of the side walls of the box and is connected to each of the tubes by pipes, so that each tube is kept full of water As the air is forced through the box it passes between the porous tubes and is both cooled and moistened. These coolers may be made any size desired, and may be either permanent or portable, but are designed primarily for small units for residences.

40,000 Miles Of Surfaced Roads Is Record For Current Year

Roadbuilding belongs close to the top in the list of big businesses in the United States. The latest estimate compiled by Thos. H. MacDonald, Chief of the United States Bureau of Public Roads, shows that during 1923 approximately 40,000 miles of surfaced roads will be completed.

The 1922 construction program approximated 37,000 miles divided as follows: 6,000 miles of pavement such as brick, concrete, sheet asphalt and bituminous concrete; 4,000 miles of macadam, waterbound and bituminous; 20,000 miles of gravel and 7,000 miles of sand-clay and top-soil roads. The classification of this year's 40,000 miles will be about the same.

At the beginning of this year, there were about 100,000 miles of improved surfaced roads in existence and at the present rate of progress, the mileage will be doubled in ten years.

One of the most important factors in the great movement for more and better roads which has resulted in the construction of improved highways at the rate of 40,000 miles a year, is the American Road Builders' Association which was organized more than twenty years ago, and which holds an annual convention and road show. The 1924 convention and show will be held in Chicago, the convention at the Congress Hotel and the show at the Coliseum from January 14th to 18th inclusive.

The sessions of the convention will be open to men identified with and interested in highway work and will attract men from every part of the country. At the show in the Coliseum, all of the latest and approved appliances for road construction will be on exhibition. The officers of the Association are: President, Frank Page; Secretary, E. A. Birchland, and Treasurer, James H. MacDonald. The members of the Executive Committee are: Chairman, Frank Page; S. T. Henry, James H. MacDonald, Wm. R. Smith and T. J. Wasser.

The need for road construction at so rapid a rate as 40,000 or more miles a year is emphasized by Mr. MacDonald who says that highway building should be continued as fast as the physical limitations of labor and material will permit. The longer the job is delayed, the greater will be the ultimate cost to the people. The reason is that the traffic on the main roads has now become so heavy that the excessive cost of operating motor vehicles over bad roads outweighs the cost of constructing good ones. Referring to one of the more heavily travelled roads of the country—the Boston Post Road from New York to Boston—Mr. MacDonald shows that if the road were a dirt road instead of a paved road, as it is, the greater cost of the motor truck traffic alone would pay for a paved surface in about eleven years. If the tremendous passenger car traffic were considered, the operating saving would pay the construction cost in a much shorter period.

To illustrate the pressing need for all possible speed in the improvement of roads, Mr. MacDonald cited the tremendous growth of motor vehicle registration. By July 1st of the year, the number of motor vehicles travelling the highways had increased to more than thirteen million, as compared with 1,711,339 in 1914. How directly the highway touches the lives of all the people is shown by the fact that there is now more than one motor vehicle for each 10 people. By just a little crowding the whole population could be taken for a ride at one time.

The Federal Aid highway system which will shortly be approved in its entirety is indicative of the determination of the American people to have a highway system consistent with the demands of the traffic. The system will include nearly 180,000 miles of the most important roads of the United States, so located as to form a complete network of main interstate and intercountry roads. When completed, it will tie together practically every city and town of 5000 population or greater, and a 10-mile zone on each side of the roads will include the home of 90 per cent of the people. To encourage the early completion of this system, all Federal appropriations will hereafter be spent only on roads which form a part of the system.

CLOVER VALLEY LUMBER MILLS TO BE ENLARGED

According to word from Reno, Nev., officers of the Clover Valley Lumber Company announce the mills at Loyalton, Calif., are to be enlarged immediately. Apparently authentic reports state that R. H Dowman and R. B. Hewes have become heavily interested in the corporation, and approximately $750,000 has been invested in the enterprise by Louisiana capitalists.

Plans are under way to increase the capacity of the mills to sixty million feet of lumber per year, with day and night shifts to be employed throughout next season. Sufficient timber is said to be available to keep the enlarged plant operating continuously for fifty years.

The directorate of the company has been reorganized with R. H. Hewes, president; W. T. Virgin, vice president; C. D. Terwilliger, secretary-treasurer and general manager; F. E. Walker, assistant secretary-treasurer; and R. H. Dowman and J. W. McWilliams of New Orleans, directors.

With improvements to the plant completed, the company will become one of the largest manufacturers of white pine lumber in the west.

THE HEIGHT OF THRIFT

"We can save money if we do not build roads and we can save taxes by refusing to clear snow from those already constructed." Such is the wail of the penny-wise and pound foolish, so-called economists.

Yes, we can save money by closing down our schools, by turning off our water works, by putting a "For Rent" sign over the door of the Fire Department. We can eliminate the taxes imposed for maintaining a Police Force, we can allow the sick to suffer and refuse to support our hospitals. We can save shoe leather by going bare-footed, we can deposit an extra penny if we rub two sticks together and stop purchasing matches. We can add dollars to our savings by cutting the electric wires and disconnecting the telephone. In our frenzied desire for economy we can dispose of the post office, darken the movies, and we can save wear and tear on our lungs by stopping our breathing. We can stop eating, we can relieve our burdened budget by reading the other man's daily newspaper. To the croakers, to the misers, to the false economy seekers, our best advise is, that we can cut out all our expenditures by dying!—(Monarch Milestones)

Building News Section

APARTMENTS

Sub-Figures Being Taken—Contracts Awarded.
APARTMENTS Cost, $80,000
SAN FRANCISCO, S Pine 172 W Powell
Four-story and basement reinforced concrete (16) apartments.
Owner—Margaret E. Bell, 825 Pine St. San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Supt. of Constr.—J. J. Bell, 825 Pine St., San Francisco.
Concrete work and framing to Atlas Concrete Co., 180 Jessie St., S. F.
Reinforcing steel to Gunn-Carle & Co., 444 Market St., S F .
Mill work to Holmes Planing Mill, 6th and Channel Sts., S. F.
Sub-figures on the other portions of the work are being taken by J. J. Bell.

Contract Awarded.
APT. BLDGS. Cost, $17,000 each
OAKLAND, W Kingsley Ave. 131 & 171 N Hopkins.
Two 2-story 11-room frame apt. bldgs
Owner—E. W. Eckhardt, Oakland.
Contractor—Harry C. Knight, 388 12th St., Oakland.

Contract Awarded.
APT. HOUSE Cost, $26,000
BERKELEY, 2426-28-36 Bancroft Way.
Two-story 18-room frame store and apartment house.
Owner—T. E. Davis.
Contractor — McWethy & Greenleaf, 2910 Telegraph Ave., Oakland .

Contract Awarded.
APARTMENTS Cost, $17,000
SAN FRANCISCO, SW Franklin and Francisco.
Two-story and basement frame (2 4-room) apartments.
Owner—Capt. Edw. Mason, 1258 Union St., San Francisco.
Architect—J. A. Porporato, 619 Washington, San Francisco.
Contractor—Elmer Carlson, 18 Heyman Ave., San Francisco.

Contractor Taking Sub-Figures.
APARTMENTS Cost, $24,500
SAN FRANCISCO. N Page St. 65 E Buchanan St.
Three-story and basement frame and stucco and brick veneer apartments (6 3-room & 2 4-room apts.)
Owner—Louis Lo Presti.
Architect—J. C. Hladik, Monadnock Mldg., San Francisco.
Contractor—W. S. King, Hearst Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $19,000
SAN FRANCISCO, N 17th St. 191 E Church.
Two-story and basement frame (4) aaprtments.
Owner—Samuel Jacobs, 3667 17th St., San Francisco.
Contractor—A. Beinhardt, 4440 20th St. San Francisco.

Contract Awarded.
APARTMENTS Cost, $125,000
SAN FRANCISCO. W Polk 30 S Union
Five-story, basement and sub-basement reinforced concrete (20) apartments.
Owner—Nick Muriale, Et. Helena, Cal.
Architect—None.
Contractor — Amoroso & Danico, 1336 Kearny St., San Francsiso.

Plans Completed—To be Done by Day's Work.
APARTMENTS Cost, $17,500
SAN FRANCISCO. Sixteenth Ave. and Irving Street.
Two two-story and basement frame apartments buildings (tile roof).
Owner—E. Ellingson, 180 Jessie St., San Francisco.
Architect—C. O Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared Figures to be Taken Next Week.
APARTMENTS Cost, $16,000
SAN FRANCISCO. San Jose Ave. near Twenty-sixth St.
Two-story frame and stucco (4) 4-room apartments with tile roof.
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $——
SAN FRANCISCO. W Eighth Ave. 175 N Judah.
Two-story and basement frame (4) apartments.
Owner—Mrs. Bridget Lowry.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.
All work except plumbing, painting and tile work awarded to A. L. Thulin 120 Otis St., $11,131.
Plumbing to J. J. McLeod, 1246 Golden Gate Ave., $1897.
Painting to Beck Bros., 1636 11th Ave., **$675.**

Plans Completed.
APARTMENTS Cost, $20,000
BERKELEY, Alameda Co., Cal. No. 2239 Cedar St. and No. 1569 Spruce St.
Two-story 24-room frame apartment house.
Owner—C. C. Lewis, 430 S-Fifth St., San Jose.

Plans Completed.
APARTMENTS Cost, $10,000
SAN FRANCISCO, W Sanchez 30 N Jersey.
Two-story and basement frame (4) apartments.
Owner—Andrew Johnson, 231 Clipper St., San Francisco.
Engineer—W. J. Woolsey Jr. Matson Bldg., San Francisco.

LOS ANGELES, Cal.—Fred J. Swaner 709 S Vermont Ave., has prepared plans for a 55-room, 24-apartment bldg. to be erected on Hoover St., bet. 9th and 10th Sts. for Carrie O. Wolfrom. Three sto., 50x131 ft., frame and plas. const., comp. rfg., pine trim, oak and pine flrs. wall beds, tiled baths, gas rads., water htrs.; cost $50,000.

LOS ANGELES, Cal.—E. M. Heman, 826 S Kenmore Ave., has had plans prepared and will erect an 84-room, 36-apartment bldg. on Fedora St. between 8th and 9th Sts. for himself. Three-sto., 92x97 ft., frame and plas. construction, comp. rfg., pine trim, oak and pine flrs.; $75,000.

OAKLAND, Cal.—See "Theatres," this issue.

GLENDALE, Los Angeles Co., Cal.—H. P. Siberell, 224 W. Millford St., Glendale, has contract for two-story and basement stucco hotel and apartment building at 308 N. Central Ave., Glendale, for W. S. Bear, 220 N. Central Ave., Glendale; 82 rooms, 42x165 ft., full basement with reinforced concrete ceiling, basement to be equipped for garages, tile and composition roof, Califelt and Flaxinum deadening, pine floors, carpeted throughout; one-piece drainboards, 24 baths with tile floors, disappearing beds, gas radiators, 300-gallon central hot water plant, incinerator. L. E. Edwards has contract for excavating. Cost, $50,000.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbls. $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. S.F.
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO, CALIF.
PHONE SUTTER 1707

LOS ANGELES, Cal.—Hennessy Bros. & Co., of Chicago (local offices on third floor of Bank of Italy Bldg.) have been awarded a contract on a percentage basis for erecting a fourteen-story and basement Class A apartment house at 1727 N. Sycamore Ave., Hollywood, for G. W. Cowan and associates. Cost, $1,200,000. Curlett & Beelman, 408 Union Bank Bldg., are the architects. It will contain 350 rooms, 130 apartments and subway garage; reinforced concrete construction, pressed brick and terra cotta facing, marble and tile work, hardwood trim, oak and pine floors, tiled baths, wall beds, steam heating, vacuum cleaning, 4 elevators, 8 dumb waiters, refrigerating system.

SEATTLE, Wash.—Colonial Investment Co. (John Lorenz, contractor, interested) will erect $325,000 apartment house at NE corner of Spring and Ninth Ave. Will be 4-story brick and terra cotta, housing 64 apartments of 2 and 3 rooms.

LOS ANGELES, Cal.—Ridgeley Wilson, 1203 W 6th St. has the contract to erect a 40-room 20-apartment bldg. on Rampart Blvd., bet. 4th and 6th Sts., for J. O. and W. P. Ohler. Two-story, 51x109 ft., frame and plas. construction, comp. rfg., pine trim, oak and pine flrs., tiled baths, water htrs., gas. rads., wall beds; $40,000.

EAGLE ROCK, Los Angeles Co., Cal.—J. B. Brown & Co., 117 S. Central Ave. Eagle Rock, have the contract at about $65,000 to erect a two-story bank, store, office and apartment building at the corner of Central Ave. and Myrtle St., for James Ferdon. It will contain 3 stores and banking space on first floor with 8 office suites and 5 apartments on second floor. The bank has been leased to the Eagle Rock State Bank. Plans by E. E. B. Meinardus, 2135 Brooklyn Ave. Brick, 2-story and part basement, 95x80 ft., comp. rfg., pressed brick facing, marble and hardware floors, plate glass, gas rads., aut. water heaters, wall beds, tile baths and drainboards, pine and hardwood inter. trim, wrought iron work.

LOS ANGELES, Cal.—C. D. Goldthwaite, Marsh-Strong Bldg., has the contract at about $125,000 to erect a post office, store and apartment building at the corner of 35th St. and Vermont Ave., for Dr. A. O. Evans; will contain 6 stores, sub-station post office and 20 single apartments. Brick, 2-sto and part basement, 120x109 ft., tile and comp. rfg., terra cotta trim, cement, tile and hardwood floors, gas rads., aut. water heaters, plate glass, metal store front, tile baths and drainboards, wall beds O. P. trim, metal skylights. Plans by William A. Allen, 1005 Bank of Italy Bldg. Contr. formerly let to T. E. Stewart Constr. Co.

LONG BEACH, L. A. Co., Cal.—C. A. Willis, 5029 E Ocean Ave., Long Beach, has a contract to erect a $130,000 3-sto. 72-room 30-unit brick apt. bldg. at 126-148 Hermosa Ave., Long Beach, for A. W. Ellis. Piper, Kahrs, Dedrick & Bobbe, 441 E First St., Long Beach, archts. Found., 39x145 ft., comp. rf., hardwd. and tile fls., tile baths and drainbds., heating system, disap. beds.

LONG BEACH, L. A. Co., Cal.—J. D. Sherer, 1865 E Anaheim Ave., Long Beach, has a contract to erect a $45,000 3-story, 65-rm., 20-unit brick store and apt. bldg. at 632-38 W Broadway, Long Beach, for W. A. Stark. Comp. rf., hardwood fls., disap. beds, gas rads.

LOS ANGELES, Cal. — Gregory R. Evans, 2320 Ocean View Ave., has the contract to erect a 49-room 24-apt. bldg. on Berendo Ave. near 3rd St., for M. Samuelson. Two-story, 48x121 ft., frame and plas. constr., comp. rfg., pine trim, oak and pine fls., wall beds, tiled baths, water htr., gas rads; $50,000.

LONG BEACH, Cal.—Hennessy Bros. & Co., of Chicago, local offices on 3rd floor of Bank of Italy Bldg., 7th and Olive Sts., have been awarded a contract to erect a class A store, apartment and hotel bldg. on E Ocean Ave. and extending through to Seaside Blvd. Long Beach, for El Bolivar Holding Co. The cost will be $1,250,000. Curlett & Beelman, 408 Union Bank Bldg., architects. The bldg. will be 12-story on Ocean Ave. and 14-story on Seaside Blvd. It will contain stores and shops in two lower stories with 220 apartments and 80 single rms. in upper sto.; 120x160 ft., reinf. conc. construction, stucco exter., cast store trim, tile rfg., hardwood and pine trim, tiled baths, 4 elevators, refrigerating system, wall beds, steam htg., vacuum cleaning.

BONDS

SAN JOSE, Santa Clara Co., Cal. — Bond election for $760,000 to finance construction of two new junior high schools carried at recent election.

SOLEDAD, Monterey Co., Cal.—Election will be called at once in Soledad School District to vote bonds of $84,000 to erect new school and make auditorium addition and improve present building.

SALINAS, Monterey Co., Cal.—Election will be held Nov. 28 to vote bonds of $105,000 to finance construction of two new grammar schools, one to be located at Maple and California sts. and another on site of old West End School. John J. Donovan, Tapscott Bldg Oakland and Davis-Heller-Pearce Co., Delta Bldg., Stockton, associated architects.

OAKLAND, Alameda Co., Cal.—Mt. Eden School District votes bonds of $45,000 to finance construction of new grammar school.

FULLERTON, Orange Co., Cal.—Until 7:30 p. m., Nov. 13, bids will be rec. by city trustees for the purchase of bonds as follows:

$160,000 Municipal Bldg. bond issue, dated Jan. 1, 1924; $1000 each, 5%.

$25,000 Municipal Fire Hall bond issue, dated Jan. 1, 1924; $1000 each, 5%.

Cert. checks 5%. F. C. Hezmalhalch, city clerk.

LONG BEACH, L. A. Co., Cal.—The Long Beach Board of Education has set Dec. 11th as the approximate date for holding a bond election to vote the sum of $3,500,500 in bonds to finance the following school building budget: Additions at Franklin Junior High; additions at Jefferson Junior High; 1500-seat new junior high school in the Lincoln, Burnett and Temple school section; 500-seat first unit new junior high school on Pacific Ave.; 1500-2000 seat senior high school southeast of Temple and Anaheim Sts.; 12-room addition at Edison school; 24-room addition at Orizaba Ave. school; 10-room addition at Whittier school; 8-room addition at Burnett school; 8-room addition at Lincoln school; 10-room elementary school, s.e. cor. of Vista and Mira Mar Sts; 8-room addition at Temple school; 8-room unit at Fremont school; addition to Roosevelt school; addition to Longfellow school; addition to Seaside school.

MARTINEZ, Contra Costa Co., Cal.—Election will be held Nov. 19 in Orinda Union School District to vote bonds of $22,000 to finance construction of new school. Trustees of district are: E. P. Tenney, T. N. Vinther, F. W. Enos, Geo. A. Brockhurst and Chas. A. Nelson.

CHURCHES

Plans To Be Prepared.
CHURCH Cost, $—
ALAMEDA, Alameda Co., Cal., Santa Clara Ave.
Fireproof church.
Owner—Santa Clara Avenue Methodist Church. (Rev. B. Franklin Ray, pastor).

Plans Being Prepared.
CHURCH Cost, $20,000
WALNUT CREEK, Contra Costa Co., Frame and stucco church with slate roof.
Owner — Walnut Creek Presbyterian Church.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.

Contract Awarded.
ALTERATIONS Cost, $12,000
TULARE, Tulare Co., Cal.
Alter and add to church.
Owner—First Christian Church.
Architect & Contractor—Chas. Sturdevant, Tulare.

ALHAMBRA, Cal.—Archt. Norman F. Marsh, 211 Broadway, Central Bldg., L. A., is preparing working plans for a new church to be erected at Alhambra for Alhambra Baptist Church. There will be 3 units, church, Sunday school and social hall. Frame and plas. constr., tile and comp. rfg., pine trim, gas htg.; $75,000.

LOS ANGELES, Cal.—Archt. W. Asa Hudson, rm. 9, Woods-Beekman Bldg., Beverly Hills, is preparing plans for a $45,000 church auditorium, to be erected at 20th and Arizona Sts., Santa Monica, for the Grace Methodist Church. Brick constr., found. 90x70 ft., stucco exter., comp. rf., maple fl., unit heating, pews to seat 900.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., have completed plans and are taking bids for erecting a synagogue on Manhattan Pl. bet. 6th St. and Wilshire Blvd. for Temple Eman-U-El congregation. It will be 1-story and basement, 100x125 ft., brick construction, press. brick facing, terra cotta trim, tile rfg., art. glass, pine trim; $150,000. Bids are being taken on general contract, plumbing, heating and ventilating.

FORESTVILLE, Sonofa Co., Cal.—Methodist Church, Rev. R. L Wolfe, Pastor, is having plans prepared for new $10,000 church and community hall.

FACTORIES AND WAREHOUSES

Plans Being Revised.
OFFICE ETC. Cost, $25,000
WOODLAND, Yolo Co., Cal., 4th and Main Streets.
One-story reinforced concrete office shop and warehouse bldg. 55x100.
Owner—Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.
Architect—Engineering Dept. of Owner 445 Sutter St., S. F.
New bids will be taken about a week from the lowest bidders.

Contract Awarded.
FACTORY Cost, $7940
SAN FRANCISCO. S Tehama 158 W Fifth St.
One-story and mezzanine floor reinforced concrete factory.
Owner—Meyers Safety Switch Co.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.

Contractors Taking Sub-Figures.
WAREHOUSE Cost, $60,000
FRESNO, Fresno Co., Cal. San Benito and O Sts.
Two-story reinforced concrete warehouse.
Owner — United Warehouse Co. of Fresno.
Lessee—Haas Bros. (wholesale grocers) of San Francisco.
Architect — Coates & Traver, Rowell Bldg., Fresno.
Contractor — Trewhitt-Shields Co., Rowell Bldg., Fresno.

Contract Awarded.
WAREHOUSE Cost $10,000
SAN FRANCISCO, NW Harrison and Langton Sts.
One-story concrete warehouse.
Owner—Rosenblum & Hoelscher.
Architect—D. C. Coleman, 1141 Market St., San Francisco.
Contractor—M. V. Brady, 784 Monadnock Bldg., San Francisco.

Plans Being Figured.
FACTORY $Cost—
SAN MATEO, San Mateo Co., Cal.
Three-story reinforced concrete factory
Owner—Withheld.
Architect—Alfred Kuhn and Thos. M. Edwards, 833 Market St., S. F.

Plans Being Prepared.
ADDITION Cost, $60,000
FRESNO, Fresno Co., Cal.
Three-story reinforced concrete warehouse addition to plant.
Owner—Benham Ice Cream Co., 1420 H St., Fresno.
Architect & Contractor — Trewhitt-Shields Co., Rowell Bldg., Fresno.

Plans To Be Prepared.
WAREHOUSE ETC. Cost, $150,000
SAN JOSE, Santa Clara Co., Cal., Stockton Street.
Fireproof warehouse and garage, shops
Owner—Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.
Architect—Engineering Dept. of Owner

LOS ANGELES, Cal.—Archts. Walker & Eisen, 326 Pacific Finance Bldg., are preparing plans for a 1-story factory bldg., to be erected on a 14½ acre site at n.e. cor. South Park and Slauson Aves., for the Weber Showcase Co., 316 S Los Angeles St. It will contain about 300,000 sq. ft. of fl. space and will be of brick constr., steel sash, wire and factory ribbed glass, struc. steel, metal skylights, cem. fls., loading platform, conveyors, etc.; $300,000.

SAN BERNARDINO, Cal.—See "Railroads," this issue.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing
PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

LOS ANGELES, Cal. Archt. Albert C. Martin, 228 Higgins Bldg., is preparing plans for a 10-story and basement class A warehouse to be erected at s.e. cor. of San Pedro and Commercial Sts. for L. A. Warehouse Co. It will be occupied by Los Angeles Furniture Mart. Dimensions 100x190 ft., reinf. concrete construction, steel sash, comp. rfg., metal skylights, elevators, steel rolling doors; $500,000.

NATIONAL CITY, San Diego Co., Cal. —Spreckels Bros. Commercial Co. plan to erect a group of factory bldgs. on a site south of 24th St., bet. the Santa Fe Ry. and the San Diego and Arizona Ry. tracks, and adjoining the former railroad's new creosoting plant, comprising 85,000 sq. ft. of land. The new group of bldgs. will be used by the company to manufacture "Mineralite" bldg. board, "Granite," "Steel-Cote" waterproof paint, "Biltup" fertilizers, and other of the company's products. Approx. 100,000 cu. yds. material are being dredged to provide greater port facilities. Claus Spreckels, vice-pres. and gen. mgr.; N. E. Brown, asst.

EUREKA, Humboldt Co., Cal.—Eureka Woolen Mills, Broadway bet. Whipple St. and Pacific Ave. is constructing additions to the present plant. Plans are also under way for a new structure to house a portion of the mill and warehouse. It will be 60 by 200 ft.

SAN BERNARDINO, San Bernardino Co., Cal.—Platt Inv. Co., San Bernardino, is taking sub-bids for painting plastering, hardwood fls., masonry, sheet metal work, ornam. iron wk., roofing and plbg., for the new $50,000 bldg. which the company will erect on E St. near Fifth St. General work will be done by the owner. Spanish style, 2-story, 50x125 ft. John Wilke, supt. of constr. for the Platt Co. Work will start Nov. 1.

SAN JOSE, Santa Clara Co., Cal. — Guadalupe Portland Cement Co. has closed deal with Maurice Pope of San Francisco for site comprising 259 acres in the vicinity of the Almaden mine on which the company proposes to erect a plant for the manufacture of cement.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is preparing plans for a 4-story class A warehouse to be erected at s.w. cor. of Market and Alameda Sts. for L. A. Warehouse Co. Dimensions 125x175 ft., steel sash, reinf. conc. construction, elevators, steel rolling doors; $250,000.

FLATS

Contract Awarded.
FLATS Cost, $12,500
BERKELEY, Alameda Co. Cal., Lot 17 Blk 8 Map Resub T. M. Antiselly Map Villa Lots.
Two-story frame 2 flats.
Owner—Helen A. Josephine and Alice Stewart, 1538 Arch St., Berkeley.
Contractor — H. Elmer Johnson, San Leandro.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

GARAGES

Contract Awarded.
GARAGE BLDG. Cost, $50,000
FRESNO, Fresno Co., Cal. No. 1155 Forthcamp Ave., Fresno.
Fireproof store and garage building.
Owner—C. H. Cobb, Fresno.
Architect & Contractor—Trewhitt & Shields, Rowell Bldg., Fresno.

AUBURN, Placer Co., Cal.—Until Nov. 19, 12 M., bids will be rec. by Claire P. Tuttle, Clerk, Placer Union High School District, to erect brick garage on high school grounds. Cert. check 10% req. with each bid. Plans obtainable from clerk of district

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies & Accounts Navy Department, for fur. and del. materials for Navy Yards; date for opening bids as noted at end of each paragraph:

Schedule 1480, for various eastern yards and western yards, gum gaskets, Nov. 13.

Sched. 1481, for eastern and western yards, 280,000 lbs. calcium carbide, Nov. 13.

Sched. 1485, for Mare Island, 9000 deck and hand swabs; Nov. 13.

Sched. 1486, for San Diego, 148 file brushes; Puget Sound, 300 do, Nov. 20.

Sched. 1487, for Mare Island, 5200 casting brushes, Nov. 20.

Sched. 1488, for Mare Island, 1600 gals. glycerin, Nov. 20.

Sched. 1489, for eastern and western yards, 6900 ft. leather belting and 750 lbs. rigging leather, Nov. 20.

Sched. 1490, for Mare Island, 6 sets valve reseating outfits, and Puget Sound, 3 sets do, Nov. 20.

Sched. 1493, for Mare Island, 5000 ft. wash-deck hose, Nov. 20.

Sched. 1495, for eastern and western yards, Portland cement, Nov. 20.

Sched. 1496, for eastern and western yards, 963 tons foundry coke, Nov. 20.

Schedule 1498, for Puget Sound, 31,-734 ft. steel wire rope, Nov. 20.

Schedule 1501, for eastern and western yards, miscellaneous steel bars, shapes, and plates, Nov. 20.

Sched. 1504, for Puget Sound, 12,200 lbs. brass and copper pipe, Nov. 20.

Sched. 1505, for Mare Island, 5000 spools machine thread, Nov. 20.

Sched. 1506, for Mare Island, 1500 gals. mineral lard oil, Nov. 20.

Sched. 1507, for eastern and western yards, hair felt, Nov. 20.

Sched. 1508, for eastern and western yards, crucibles, Nov. 20.

LOS ANGELES, Cal.—See "Apartments," this issue.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?
For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.
OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.
A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

WASHINGTON, D. C.—Until Nov. 20, 10:30 a. m., bids will be rec. by General Purchasing Agent, Panama Canal, for fur. and del. Balboa (Pacific Port), under Circular No. 1568, printing telegraph system. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

HALLS AND SOCIETY BUILDINGS

Contract Awarded.
LODGE BLDG. Cost, approx. $250,000
SANTA ROSA, Sonoma Co., Cal. A St. bet. 4th and 5th Sts.
Three-story steel and reinforced concrete store and lodge building.
Owner—Santa Rosa Lodge of Elks.
Architect — Shea & Shea, Chronicle Bldg., San Francisco.
Contractor—A. M. Hildebrand, 406 4th St., Santa Rosa.

FRESNO, Cal.—See "Banks, Stores & Offices," this issue.

PORTERVILLE, Tulare Co., Cal. — Maccabee Lodge (Western States Division), plans the erection of a $20,000 summer home in the vicinity of Mountain Home, approximately 32 miles above Porterville.

OAKLAND—See "Stores, Bank and Officers," this issue.

HOSPITALS

ALAMEDA, Alameda Co., Cal.—Until Nov. 6, 8 P. M., bids will be rec. by W. E. Warcoe, City Clerk, to fur. and lay 4-in. Battleship linoleum in rooms and corridors of Alameda City Health Center building in Santa Clara Ave. bet. Oak and Walnut Sts. Cert. check 10% payable to city req. Plans on file in office of Health Department, City Hall.

HOTELS

Contract Awarded.
OFFICE BLDG. Cost, $16,000
SAN JOSE, Santa Clara Co., Cal., 1st St. near San Salvador.
Brick office building.
Owner — Drs. Habtutzel and Ledyard, Ryland Bldg., San Jose.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Chas. Thomas, 6921 N San Pedro, San Jose.

Plans Being Prepared.
HOTEL Cost, $250,000
PALO ALTO, Santa Clara Co., Cal. Corner Hamilton Ave. and Ramona St.
Three-story reinforced concrete hotel with cement exterior and tile roof (150 rooms).
Owner—Company of Palo Alto Businessmen, A. B. Peterson, Pres. O. L.
Architect—W. H. Weeks, 369 Pine St., San Francisco, and Birge Clark, 600 Embarcadero, Palo Alto, Associated.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Plans Being Prepared.

HOTEL Cost $200,000
SAN FRANCISCO, SW Ellis and Cohen Place.
Six-story and basement reinforced concrete hotel (150 rooms).
Owner—D. J. Clancy.
Architect — Baumann and Jose, 251 Kearny St., San Francisco.

LOS ANGELES, Cal.—W. P. Hayes & Son, 124 E 2nd St., Long Beach, have been awarded the contract at about $215,000 to erect a 4-story class A store and hotel bldg., on Santa Monica Blvd., for Mrs. Gerrigus; it will contain 104 rooms each with bath and 3 stores. Leonard L. Jones, 603 Grosse Bldg., archt. Reinf. Conc. constr., 92x104 ft., press. brick facing, comp. rfg., stone trim, plate glass, cem., O. P. and hardwood fls., steam htg. system, incinerator, water softener, tiled baths, metal store fronts, basement, pine and hardwood trim.

SAN FRANCISCO — Construction Quartermaster, Fort Mason, is preparing spec. for grading extension to east portion of Crissy Field. Bids will be asked shortly.

SAN PEDRO, L. A. Co., Cal.—Archts. Noerenberg & Johnson, 401 L. A. Ry. Bldg., have been commissioned to prepare plans for a class A hotel bldg. to be erected at San Pedro for a group of San Pedro men headed by Mr. Weldon. It will contain about 200 rms. and will be 6-story of reinf. conc. constr., brick walls, terra cotta trim, press. brick facing, elec. elevators, basement, plate glass, etc.; $500,000.

LA JOLLA, San Diego, Co., Cal. — Excavation has started for the new "Casa Mananna" hotel at Seaside Point, adjoining the Helen Scripps Gardens. Mrs. Morrison Hopkins of Colorado Springs is the owner and builder; cost $250,000.

ICE AND COLD STORAGE PLANTS

MARTINEZ, Contra Costa Co., Cal. — Union Ice Co., 354 Pine St., San Francisco, will start construction of $30,000 ice plant at Pine and Escobar streets. H. L. Brady is district manager for company at Martinez.

POWER PLANTS

CALIFORNIA — Preliminary permit has been granted by Federal Power Commission to Mary I. Crocker and J. W. Peterson, Jr., of San Francisco, for power project on Mokelumne river and Sutter Creek; plant to consist of 3 reservoirs, three water conduits and three power houses; total development to be 45,000 h.p.

PLUMAS COUNTY, Cal. — Applications for license have been filed with Federal Power Commission by Great Western Power Co. for transmission line from point near Belden, Plumas county to Canyon Dam, Plumas county.

TRINITY COUNTY, Cal. — Andrew Damgaard applies to Federal Power Commission for license to construct 5½ h. p. plant in Forest Glen Creek, Trinity county, for lighting summer resort.

YUMA, Ariz.—Until 2 P. M., Nov. 6, bids will be rec. by North Gilla Valley Irrigation Dist. for taking down about 6.5 miles of telephone line and const. about 8 mi. of telephone line in the North Gila Valley; materials to be furnished by the dist. Information from Robertson, Lindeman & Campbell, Gondolfo Hotel Bldg., Yuma. Cert. chek. 10%. Justus J. Jackson, Secy.

TUBBS ISLAND, Sonoma Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, plans construction of power line into Tubbs Island district for reclamation, heating and domestic uses. Est. cost $60,588.

SANDY PRATT and his folks.
* * *
KNOW A married couple.
* * *
WHO DISAGREE many times.
* * *
AND SO hot arguments.
* * *
TAKE PLACE very often.
* * *
AND FOR this story.
* * *
WE WILL name them.
* * *
JOHN AND Jane Doe.
* * *
RELATIVES OF Richard Roe.
* * *
WELL KNOWN defendants.
* * *
TO EVERY judge and lawyer.
* * *
IN CALIFORNIA.
* * *
AND WHILE Jane and John
* * *
ARE GOOD friends.
* * *
OF CLARENCE Sand Pratt, President.
* * *
OF THE Pratt Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
CLARENCE OR Sandy is unable.
* * *
TO KEEP them from fighting.
* * *
ALTHOUGH SANDY pours sand.
* * *
(PRATT'S NICE, clean, sharp sand).
* * *
ON THE troubled waters.
* * *
STILL THEY argue and fight.
* * *
AND NOT long ago.
* * *
WHILE JOHN was busy.
* * *
IN HIS office.
* * *
JANE TELEPHONED to him.
* * *
THAT SHE was about.
* * *
TO COMMIT suicide.
* * *
BUT SHE felt like.
* * *
SHE WAS under obligations.
* * *
TO NOTIFY him first.
* * *
JOHN ARGUED against it.
* * *
BUT JANE as usual.
* * *
DEMANDED HER way.
* * *
AND BANGED up the 'phone.
* * *
BECAUSE JOHN did not agree.
* * *
POOR JOHN, all excited.
* * *
PHONED TO the police.
* * *
AND THE Fire Department.
* * *
TO GO to his home.
* * *
AND STOP the disaster.
* * *
JOHN RUSHED for his Ford.
* * *
DROVE NINETY miles an hour.
* * *
THROUGH TRAFFIC and traffic cops.
* * *
JOHN COULD see scarlet streams.
OF BLOOD flowing.
* * *
DOWN HIS residence street.
* * *
IN HIS excitement.
* * *
JOHN ALMOST beat the firemen.
* * *
AND THE police.
* * *
TO HIS home.
* * *
BUT NO one could enter.
* * *
AS EVERY door and window.
* * *
WAS LOCKED and bolted.
* * *
AND THROUGH a transom.
* * *
THE ARMY could see Jane.
* * *
ROCKING AND rocking.
* * *
IN AN old fashion rocking chair.
* * *
MORE THAN seventy miles an hour.
* * *
AND WHEN the door was forced.
* * *
BY JOHN and the police.
* * *
JANE'S ONLY excuse.
* * *
FOR NOT killing herself was.
* * *
THAT A woman.
* * *
ALWAYS RESERVES the right.
* * *
TO CHANGE her mind.
* * *
BUT SCIENTISTS say.
* * *
THE ROCK (ING) chair saved her life.
* * *
SO IT pays, dear reader.
* * *
TO USE "rocks."
* * *
IN EVERY form.
* * *
ESPECIALLY IF they are.
* * *
"PRATT'S ROCKS," from Prattrock.
* * *
NEAR FOLSOM.
* * *
OR THE home.
* * *
OF SANDY Pratt's new rock company.
* * *
THE PRATT Rock & Gravel Co.
* * *
"I THANK you."

Jane and John Doe, friends of Sandy Pratt, producer of clean, sharp sand at Sacramento, Marysville and Pratteo, (Monterey County) are both glad (so is Sandy) that a woman always reserves the right to change her mind and thus save her life.

PUBLIC BUILDINGS

Revised Plans Being Prepared.
AUDITORIUM Cost, $600,000
STOCKTON, San Joaquin Co., Cal., Center, Commercial, Fremont and Oak Streets.
Class A reinforced concrete memorial auditorium.
Owner—City of Stockton.
Architect—City Architectural Commission (Louis S. Stone, Glen Allen and W. J. Wright), Belding Bldg., Stockton.
Plans will be submitted to the council shortly.

Plans Being Figured—Bids Close Nov. 8, 1923, 9:15 P. M.
FIRE HOUSE Cost, $20,000
SACRAMENTO, Cal. Forty-third and J Sts. (Engine No. 8).
Two-story hollow tile fire house.
Owner—City of Sacramento.
Architect—Dean & Dean, City Library Bldg., 9th and L Sts., Sacramento.
Plans may be obtained from the City Clerk, H. G. Denton.

SAN GABRIEL, L. A. Co., Cal.—Until 7:30 p. m., Nov. 13, bids will be rec. by city trustees for furniture and fixtures as follows: One oak roll top desk, 12 oak swivel arm chairs, two oak tables, one oak flat top desk, one oak typewriter desk, two oak side chairs, 6-ft. settee, six waste baskets, 420 maple folding chairs, 95 or 96 Circassian walnut finish opera chairs. Ira H. Stouffer city clerk.

ALAMEDA, Alameda Co., Cal.—Until Nov. 6, 8 P. M., bids will be rec. by W. E. Varcoe, City Clerk, to construct brick club house in Lincoln Park. Cert. check 10% payable to city req. Plans obtainable from Carl Werner, Architect, Santa Fe Bldg., San Francisco, and on file in office of clerk.

RED BLUFF, Tehama Co., Cal.—Until Nov. 14, 10 A. M., bids will be rec. by H. G. Kuhn, County Clerk, to remodel old Hall of Records Building. Cert. check 10% payable to Chairman of Board of Supervisors req. Plans on file in office of clerk.

VALLEJO, Solano Co., Cal.—F. Gerrick, at $225 submits low bid to city council to install heating system in city hall. Pacific Gas & Electric Co. only other bidder at $325. Bids taken under advisement.

GLENDALE, L. A. Co., Cal.—Archt. John C. Austin, 1125 Detwiller Bldg, Los Angeles, is preparing plans for a part 2 and part 1-story brick postoffice bldg., 100x150 ft., containing 3 stores and postoffice space of 12,200 sq. ft. The bldg. will be 2-story in front and 1-story at rear; cost, bet. $35,000 and $40,000. The structure is to be erected on the s side of Broadway, 50 ft. w. of Jackson St., on property owned by Lewis Monroe of Los Angeles, who has been given 10-year lease on the new bldg. by the government. The bldg. is to be erected within 90 days from the acceptance of plans.

BAKERSFIELD, Kern Co., Cal.—Wm. G. Reed, Bakersfield, at $92,400 awarded contract by County Supervisors for general construction, including painting of Old People's Home building, from plans of Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Bakersfield Plumbing Co. at $7793 awarded plumbing and W. M. Fisher, Bakersfield, at $6957 awarded heating. Kern Valley Electric Co., Bakersfield, at $3501.75 awarded electric work. Complete list of bids follows:

General

Wm. G. Reed, Bakersfield.....$ 92,400
Currie & Bulgar, Bakersfield.. 95,959
Eissler & Peterson, Bakersfield 109,000
Henry Eissler, Bakersfield.... 112,000
Beck & Kohn, S. F..... 101,390

Plumbing

Daly Plumbing Co., Bakersfield.$ 8,881
Bakersfield Plmbg. Co..... 7,793

Plumbing and Heating

Burnham Plumbing Co., S. F...$17,097

Heating

Frank Davidson, L. A.....$7,487
W. M. Fisher, Bakersfield..... 6,957

Electric Work

Kern Valley El. Co., Bakersfield $3501
Star Elec. Co., Bakersfield..... 4788

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $10,430
SAN JOSE, Williams & 16th Sts.
Two-story 7-room frame residence.
Owner—Dr. E. R. Snyder.
Architect—Chas. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—H. A. Spreen.

Preliminary Plans Being Prepared.
RESIDENCE Cost, $—
MT. DIABLO, Contra Costa Co., Cal.
Two-story frame and stucco residence.
Owner—N. B. Douglas.
Architect—Albert Farr & J. F. Ward, Foxcroft Bldg., S. F.

Completing Plans—Figures To Be Taken In Ten Days.
RESIDENCE Cost, $20,000
SAN FRANCISCO—Monterey Boulevard St. Francis Wood.
Two-story frame and plaster residence.
Owner—H. B. Holt of Bekin Van and Storage Co.
Architect—H. H. Gutterson, 278 Post St., San Francisco.

Plans Being Prepared.
RESIDENCES Cost, $10,000 to $15,000
BERKELEY, Burned district.
Group of 6 residences.
Owner—Withheld.
Architect—H. H. Gutterson, 298 Post St., San Francisco.

Contract Awarded.
DWELLING Cost, $9000
BERKELEY, 2522-4 Cedar St.
Two-story 10-room dwelling.
Owner—Mary Roeth, 174 41st St., Berkeley.
Architect—John G. Howard and associates, 1st National Bk. Bldg., S. F.
Contractor—H. McCullough, Berkeley.

Plans Being Revised.
RESIDENCE Cost, $5000
MARTINEZ, Contra Costa Co., Cal.
One-story 6-room frame and stucco residence.
Owner—Dr. J. L. Beard, 706 Main St., Martinez.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Plans To Be Prepared.
RESIDENCE Cost, $100,000
BEVERLY HILLS, Los Angeles.
Two-story, basement and attic frame, stucco and brick veneer residence with slate roof.
Owner—Geo. Lewis of Shreve Co.
Architect—Albert Farr & J. F. Ward, 68 Post St., S. F.

Completing Plans—Figures To Be Taken in a Week.
RESIDENCE Cost, $7500
BERKELEY, Marin Ave.
1½-story hollow tile residence with slate roof (4 rooms).
Owner—Raymond Farmer.
Architect—H. H. Gutterson, 278 Post St., San Francisco.

Contractor Taking Sub-Figures.
RESIDENCE Cost, $40,000
CARMEL, Monterey Co., Cal.
Two-story frame and plaster residence.
Owner—Paul Flanders.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Contractor—Duplex Constr. Co., Monterey.

Contract Awarded.
RESIDENCE Cost, $12,545
SAN JOSE, Santa Clara Co., Cal. 16th St. near William.
Two-story 9-room residence.
Owner — F. Cornell, 656 S-First St., San Jose.
Architect—Chas. McKenzie, 96 S-16th St., San Jose.
Contractor—Geo. Lindbloom, 471 W-San Carlos St., San Jose.

Completing Plans—Figures To Be Taken Shortly.
RESIDENCE Cost $8000
BERKELEY, Euclid Ave.
Two-story and basement frame and plaster residence.
Owner—Mrs. Humphrey.
Architect—W. H. Ratcliff Jr., 1st Natl Bank Bldg., Berkeley.

SAN DIEGO, San Diego Co., Cal.—David Dryden of San Diego, has acquired a tract of land in Redlands Gardens and will build 32 Spanish type bungalows at a total cost of $150,000. Considerable landscape work, including Oriental shrubs, will be utilized to beautify the tract.

ONTARIO, San Bernardino Co., Cal.—Campbell Constr. Co., Ontario, has the contr. to erect a fine residence at the cor. of Euclid Ave and 6th St. for John S. Armstrong, prop. of the Armstrong Nurseries. Cost, $40,000. The site is 200x270 ft. and is located in a tract of 20 acres recently subdivided by Mr. Armstrong. Plans were prepared by Handy L. Wass, of Santa Barbara. The house will be of Italian Renaissance architecture, with stucco exter. and red tile roofs, with especial stress laid on the garden, fountain, patio, and other landscape features.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

PASADENA, L. A. Co., Cal.—Kenneth Albright, 6526 Hollywood Blvd. will have the contract to erect a $30,000 2-story, 10-room frame Italian dwelling on Prospect Blvd., Pasadena, for Mrs. Edward W. Visscher. Wallace Neff, 401 Slavin bldg., Pasadena, archt. Stucco exter., shingle rf., hardwood fls., wood mantels, 4 tile baths, tile drainbds., furnace, garage with 3-room suite and bath.

SCHOOLS

Contract Awarded.
GYMNASIUM Cost, $57,113
SAN FRANCISCO, State Teachers College.
Two-story reinforced concrete gymnasium with tile roof and steel sash.
Owner—State of California.
Architect—Geo. B. McDougall, Division of Architecture, Forum Bldg., Sacramento.
Contractor — Robert Trost, 26th and Howard Sts., San Francisco.
The first floor will contain lockers, shower rooms, offices, etc., and the second floor two gymnasiums with maple floors and open terrace.

Plans Being Prepared.
HOUSE Cost, $20,000
PALO ALTO, Santa Clara Co., Cal.
One-story frame and stucco parish house (auditorium, 4 classrooms, chapel, stage, etc.)
Owner—All Saints Episcopal Church.
Architect—John Branner, 251 Kearny St., San Francisco.
Ready for figures in about 2 months.

Plans Being Prepared.
SCHOOL Cost, $16,000
ARMIDA PARK, Contra Costa Co., Cal.
One-story hollow tile school with tar and gravel roof (4 rooms).
Owner — Armida Park and Moraga School District.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

COACHILLA, Riverside Co., Cal. — C. N. Sinclair, Coachella, was awarded a contract at $48,000 for constructing a high school bldg. at Coachella for Coachella Valley union high school dist. Conc. block constr. Norman F. Marsh, 211 Broadway Central Bldg., L. A., archt.

MONTEREY, Monterey Co., Cal. — Until Nov. 24, 1:30 p. m., bids will be rec. by James McIntosh, clerk, Monterey Union High School District, to furnish and install wire guards for all doors and windows and electrical fixtures in gymnasium building. Cert. chk 10% payable to clerk req. Specifications obtainable from Marshall A. Dean, architect, 162 Pacific Ave., Pacific Grove.

RICHMOND, Contra Costa Co., Cal.—Pioneer Electric Co., Richmond, at $1988, awarded contract by Board of Education to install electric work in Richmond Junior high school.

SACRAMENTO, Cal.—Informal bids will be received until Nov. 7, 1923, 12 noon, by Geo. B. McDougall, State Architect, Chief Division of Architecture, Forum Bldg., Sacramento, for the tile roof for the assembly building at the State School at Whittier, Los Angeles County.

SANTA ROSA, Sonoma Co., Cal.—The following bids were received on October 29th at 8 P. M., by the Board of Trustees of the Santa Rosa High School District for the construction of a reinforced concrete and brick high school building from plans prepared by Architects W. H. Weeks, 369 Pine St., San Francisco, and W. F. Herbert of Santa Rosa, associated. Bids were taken under advisement.

All Work Except Electrical, Plumbing and Heating

Hannah Bros., 142 Sansome St., San Francisco,	$345,946; omit gym. deduct, $66,859.

Excavating, Concrete, Carpenter, Steel, Grading, Glass and Glazing

Campbell Constr. Co., Sacto....	$256,666 deduct, $44,321.

Excavating, Concrete, Grading Carpenter, Steel, Glass, Glazing, Sheet Metal

Robt. Trost, 26th and Howard Sts., San Francisco,	$240,260; deduct, $41,000.

Excavating, Grading, Carpenter and Concrete Work

Olscer & Kerr.....	$259,200 deduct, $51,300.

Plastering and Lathing

		Deduct
Leonard Bosch, S. F.....	40,163	8,680
Thos. Carroll.....	68,468	7,555
Herman Bosch, S. F.....	42,200	9,100
A. Knowles, S. F.....	55,868	13,305

Cast Cement

Henry Gregoire.....	$5615	$580
Leonard Bosch, S. F.....	4250	480
Herman Bosch, S. F.....	4800	950
O. F. Larson & Son, S. F...	3350	475
A. Knowles, S. F.....	6148	700

Sheet Metal Work

E. L. Kindig, Santa Rosa..	$7650	$2450
Christensen & Anderson...	7950	3790
Forderer Cornice Co.....	8780	2800
Oakland Machinery Co....	9300	2900

Glass

W. P. Fuller Co.....	$3988	$1545
Cobbledick-Kibbe Co.....	4490	1345

Tile Work

Ginsberg Tile Co., S. F.....	$428	$—
Rigney Tile Co.....	349	—

Roofing (Slate and Tile)

Tile

Gladding-McBean Co., S. F.	7085	1520
Richmond Roofing Co.....	6282	1364

Slate

J. A. Drummond.....	$7570	$1500
Fibrestone Roofing Co.....	7868	1700
Richmond Roofing Co.....	7190	1563

Composition Roofing

Richmond Rfng Co...	$3615.00	$ 846.00
C. D. Roberts.....	7665.92	1825.40
Malott&Peterson, S.F.	3186.00	646.00

Electrical Work

Geo. T. Foss, Sacto.....	$23,500	$1335
Newbery Elec. S. F.(low)	22,350	1375
Crown Elec. Co., S. F....	24,620	1225
Butte E. E. Co., S. F.....	26,180	1385
M. E. Ryan, S. F.....	26,180	1422
Latourrette-Fical, Sacto.	28,350	1350

Heating and Ventilating

W. H. Picard, Oakland..	$30,053	$29,154
Scott Co., S. F.....	31,690	30,810
Carl T. Doell, Oakland.	33,035	32,510
Christenson & Anderson	38,000	27,500

Plumbing, Heating and Sheet Metal

Latourrette-Fical Co...	$62,118	$11,141
Christensen & Anderson	80,000	——

Shades

Santa Rosa Furn. Co..	$2334.00	$303.00
Pedits & Smith.....	2343.00	325.00
O'Conner Furn. Co....	2489.97	294.85
Lisher & Ratto.....	2567.00	240.00
Seelye-Salow Co.....	2932.20	424.00
W. & J. Sloan.....	3308.00	386.00

Hardware

Joost Bros., S. F.....	$7547.79	$2126.59
Dixon Hdw & Imp. Co.	8200.00	2570.00
Money & Goldstein..	7975.00	2200.00

Painting

A. A. Zelinsky, S. F.....	$11,200	$3200
P. J. Cunningham.....	13,900	1400
Jos. Burton.....	21,100	3000

Marble Work

Musto Sons-Keenan Co....	$2290	$290
Vermont Marble Co.....	2665	328

Terrazzo Work

P. Grassi, S. F.....	$4650	$1125
Oakland Concrete Ter. Co.	4790	1070

Masonry Work

Hock & Hoffmeyer, S. F.....		$29,450
Leo Griot, Sacramento.....		31,948
Redmond Bros., Sacramento....		32,592

Plumbing

Carl Doell, Oakland.....	$21,881	$7470
W. H. Picard, Oakland..	23,463	6717
A. Lettich, S. F.....	24,717	5638
W. H. Serpa.....	25,577	5000
Scott Co.....	26,989	7119
Christensen & Anderson.	31,250	7470

Blackboards(1) Slates (2) Beaver

Stewart Sales Co.....	$3530	$1630
Western States Seat'g. Co..	3534	1638
C. W. Weber, S. F.	3535	1636
Rucker-Fuller Desk Co....	3570	1670

Composition Flooring

Insulite Chemical Co. (Insulite)...	$640
Malott & Peterson.Comp.	$412; Ins. 821

Linoleum

Santa Rosa Furn. Co..	$5684.70	$267.55
Pedits & Smith.....	5684.74	255.00
O'Conner Furn. Co....	5189.63	161.91
Lisher & Ratto.....	5955.00	255.00
Seely & Salow Co.....	5462.50	588.45

A complete list of the alternate bids are on file in the office of the Daily Pacific Builder.

RIVERSIDE, Riverside Co., Cal. — Cresmer Mfg. Co., Riverside, has been awarded general contract at $63,978 board at $19,768 for erecting the first unit of the new Palm Ave. school. The completed bldg. will have 12 rooms and auditorium. The first unit will consist of 2 classrooms and kindergarten. G. Stanley Wilson, 646 W 9th St., Riverside, is the architect.

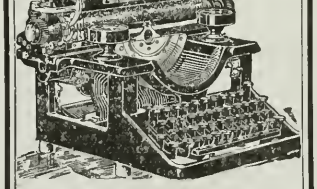
LOS ANGELES, Cal.—Archt. Harry Hayden Whiteley, rm. 14, Balford Bldg., 634 S Western Ave., is preparing revised plans to rearrange the new auditorium for the Micheltorena school, increasing the capacity to 600 seats, raising the cost of the bldg. to $90,000.

SAN FRANCISCO—National Mill & Lumber Co., 318 Market at $1948 submits low bid to Bd. Pub. Wks. for mill work in connection with shooting gallery in Mission High School, 18th and Dolores Sts. Chas. Monson, at $1997, only other bidder.

Herman Hallensleben, 262 7th St., at $1186 low bidder for iron work in connection with above work. D. E. Whitman, Jr., at $1737.

PALO ALTO, Santa Clara Co., Cal. — Until Nov. 19, 7:45 p. m., bids will be rec. by Walter H. Nichols, clerk Palo Alto Union High School District, for (1) painting high school additions; (2) opera chairs; (3) stage curtains; (4) draped concert or cycloramic setting; (5) window shades. Cert. chk. 5% payable to clerk req. with each bid. Plans obtainable from Birge M. Clark, architect, 600 Embarcadero Rd., Palo Alto. **See call for bids under official proposal section in this issue.**

KING'S ORIENTAL STUCCO
Uniform Color and Texture Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

LOS ANGELES, Cal.—Until 9 a. m., Nov. 9, bids will be received by the board of education for erecting new auditorium and class room bldg. at Polytechnic high school site; Morgan, Walls & Morgan, 1124 Van Nuys Bldg., archts. Bids received Oct. 17 were rejected. The appropriation for the bldg. is $340,000. It will be 3-story, 316x160 ft., brick construction, plas. exter., cast stone trim, comp. rfg., steel sash, pine trim, reinf. conc. corridor fls. and stairways.

TUCSON, Ariz.—Until 11 A. M., Nov. 26, bids will be rec. by board of regents University of Arizona, care of the architects, for certain contracts required on the campus of the university, Tucson. Proposals will be received for the general contract which will embrace excavating, plain and reinforced concrete, structural steel and iron work, brick work, hollow tile work, terra cotta, carpentry and millwork, tile roofing, composition roofing, ornamental metal work, steel sash, cut stone, sheet metal work, metal covered doors and windows, lathing and plastering, glazing, marble and tile work, painting, electric elevators, rolling steel doors. Separate proposals will be received for the following: Plumbing, heating, electric work, cork carpet, steel book rack equipment. Plans and spec. may be obtained from the Architects, Lyman & Place, 79 N Stone Ave., Tucson, upon deposit of $50. Cert. check, 5%. E. E. Ellinwood, chancellor, and Cleve W. Van Dyke, architect. The proposed structure will be a three-story building, 194 ft. frontage, by about 90 ft. deep, for the University of Arizona. The building has been planned by the architects in conjunction with Prof. C. H. Marvin, and Miss Lutrelle, librarian. Assistance was also given by Leo W. Koen, librarian of Northwestern University, who has planned many important library buildings. The building will contain a partial basement. Reinforced concrete and structural steel construction; rugbrick facing and exterior walls, with terra cotta trim and red Spanish tile roof. The main reading room will be 40x125 ft., two-story in height, and will be lighted by 9 arched windows. The building will contain several smaller reading rooms, catalogue rooms, offices, lecture hall, and stack room with facilities for 350,000 volumes; steel book stacks, cork carpets, book elevator, electric automatic passenger elevator, hardwood panel wainscoting, cork tile lobby floor, marble staircase, etc.

RICHMOND, Contra Costa Co., Cal.—Pioneer Electric Co., Richmond, submitted low bid to Board of Education for electric work in Roosevelt Junior High School and Richmond Union High School at $1,988 and $81.00 respectively. Other bids: Pacific Elec. Mfg. Co., $2,043.83; V. G. Electric Co., $2,084.50.

VERDESMONT, San Bernardino Co., Cal.—See "Miscellaneous Buildings."

LOS ANGELES, Cal. — Reed Bros. Construction Co., 5075 Romaine St., was low bidder at $41,500 on the general contract for erecting an addition to the Cheremoya Ave. school bldg.; Harwood Hewitt, archt. Low bids on other contracts were: J. Hokom Co. on plumbing at $1705; H. H. Mann on painting at $1148; H. H. Walker on wiring at $1500; and J. Hokom on heating at $3370.

LOS ANGELES, Cal.—Until 9 a. m., Nov. 7, bids will be rec. by the board of education for the following work:

For erecting an audltorium and domestic science bldg. and boiler room addition at Hollywood high school site; Norman F. Marsh, archt. Separate bids on general contract, painting and electric wiring; $305,000.

For erecting a 4-classroom addition at Santa Monica Blvd. school site; separate bids on general contract, heating and wiring; $24,000.

For erecting a domestic science addition and two standard bungalows at Franklin high school site.

For constructing sidewalk at First St. and Lafayette junior high school sites.

For constructing a fence at Lafayette junior high school site.

Plans and specifications for the above work may be obtained at secretary's office, 730 Security Bldg.

SAN FRANCISCO—Until Nov. 12, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, Rm. 270 City Hall, for furnishing and installing chairs in Galileo high school. Specifications obtainable from above.

MERCED, Merced Co., Cal. — Until Nov. 8, 8 p. m., bids will be rec. by H. K. Landram, clerk, Merced Union High School District, to fur. and install 600 galv. wire locker baskets and two wooden locker racks in high school. Separate bids, same date, to fur. and install finish in auditorium annex. Cert. check 5% payable to clerk req. **See call for bids under official proposal section in this issue.**

FULLERTON, Orange Co., Cal.—O. P. Moore, Huntington Beach, was awarded the general contr. at $60,078 for new Fullerton grammar school to be built on Maple Ave. Archt. Frank K. Trinchley, Fullerton, prepared the plans. The bldg will be of Italian style 2-story, 182x80 ft., 13 rooms. Reinf. concrete, stucco and cast stone constr., hardwd. fls. Nurses' dept. with bath, kindergarten, etc. Charles F. Carlson, Santa Ana, was awarded plbg at $4796; Modern Appliance co. of Los Angeles was awarded the heating and ventilating at $4378. Bids for painting and elec work will be re-advertised.

SACRAMENTO, Cal.—The following bids were received on October 29th by the Board of Education of the City of Sacramento, for the construction of a concrete and brick four-room addition with tile roof, to the "Newton Booth School," situated on 26th, 27th, V and W streets. Plans were prepared by Architects Dean & Dean, City Library Bldg., Sacramento. The contract was awarded to Chas. Mabrey, Ochsner Bldg., Sacramento.

Chas. Mabrey, Sacramento	$35,987
Fred Betz, Sacramento	37,494
Campbell Constr. Co., Sacto.	38,572
Geo. D. Hudnutt, Sacramento	39,200
H. W. Robertson, Sacramento	39,413
Holdener Constr. Co., Sacto.	42,000
Herndon & Finnigan, Sacto	42,235
Frederickson & Shannon, Sacto.	44,517

BANKS, STORES & OFFICES

Permit Applied For—Bids To Be Taken Shortly For the Terra Cotta Tile.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell and Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Foundation contract awarded to I. M. Sommers, Balboa Bldg., at approq. $85,000.
Bids will be taken in about three weeks for the terra cotta tile.

Plans Being Prepared.
STORE Cost, $5000
RICHMOND, Contra Costa Co., Cal.
One-story frame store.
Owner—Withheld.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Plans Being Figured.
STORE BLDG. Cost, $—
CALISTOGA, Napa Co., Cal.
One-story hollow tile and wire cut brick store building (2 stores).
Owner—Mr. Phillip and Mr. Hoover.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Sub-Figures Being Taken For Plumbing, Heating and Electrical Work.
BANK & STORE BLDG. Cost, $50,000
OAKLAND, W College Ave. at Shafter Avenue.
Two-story concrete bank and store building.
Owner—Bank of Italy, 550 Montgomery St., San Francisco.
Architect—H. A. Minton, 550 Montgomery St., San Francisco.
Sub-figures to be taken by Wm. Cuneo, 550 Montgomery, manager of construction.

When in need of

Glass Work

Repair or New Work of any kind

CALL ON US

Phone West 3810

and become one of our SATISFIED CUSTOMERS

All Work Guaranteed

Plans Being Prepared.
BANK BLDG. Cost $—
MARYSVILLE, Yuba Co., Cal., 3rd and D Streets.
One-story and mez. floor reinforced concrete bank bldg. 40x101.
Owner—Bank of Italy.
Architect—H. A. Minton, 550 Montgomery St., San Francisco.

Sub-Figures Being Taken.
STORE BLDG. Cost, $——
MONTEREY, Monterey Co., Cal.
Store building.
Owner—Monterey Sales Co. for the W. N. Furlong, Trust.
Sub bids and catalogues wanted for magnesite floors, prism glass, steel goods, builders' hardware, etc.

Owner Taking Sub-Figures.
STORE Cost, $6000
SAN FRANCISCO — E Powell 54-6 S Sutter.
One-story and mez. floor brick store.
Owner—Chamberlain & Proctor, Mills Bldg., San Francisco.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

Plans Being Prepared.
STORE, ETC. Cost, $9000
SAN FRANCISCO. Ocean Avenue near Faxon.
One-story frame and stucco store with apartment in rear, tile roof and patent store fronts.
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco

Plans Being Prepared—Figures to be Taken in Two Weeks.
ALTERATIONS Cost, $30,000
SAN FRANCISCO. Bush St. and Grant Avenue.
Alter three-story Class C hotel into restaurant and stores.
Owner—Withheld.
Architect—Ashley & Evers, Holbrook Bldg., San Francisco.

Contract Awarded.
STORE, ETC. Cost, $149,000
OAKLAND, 7Alameda Co., Cal. SW Twelfth and Oaks Sts.
Three-story reinforced concrete store loft and dance hall building.
Owner—M. F. Smith.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Contractor—Walter Murch, Federal Bldg., Oakland.

Preliminary plans Being Prepared.
STORE Cost $—
FRESNO, Fresno Co., Cal. Van Ness Av. bet. Fresno and Merced Sts.
Store building 100 by 150 ft.
Owner—Mrs. Annie L. Wallace, S. F.
Architect — R. F. Felchlin, Patterson Bldg., Fresno.
Construction will be started about Jan. 1, 1924.

Plans Completed—Sub-Figures To Be Taken Shortly.
ADDITIONS Cost—
FRESNO, Fresno Co., Cal., Fresno and L Streets.
Four-story reinforced concrete addition to office bldg.
Owner—Holland & Holland.
Architect & Mgr. of Constr. — R. F. Felchlin & Co., T. W. Patterson Bldg., Fresno.
The fourth floor will be occupied by the Fresno Commercial Club.

Contract Let—Site Being Cleared.
STORE Cost, $55,000
SELMA, Fresno Co., Cal., Front St.
One-story part basement & mezzanine floor steel, concrete and brick store 150 by 120 ft.
Owner—Kutner's, Inc., Selma, Cal.
Architects and Managers of Construction—Trewhitt-Shields Co., Rowell Bldg., Fresno.

Completing Plans
STORES & APTS Cost, $150,000
OAKLAND, NE Grove and 55th 170x104
Two-story class C store, theatre and apartment bldg. (8 stores 24 3 and 3-room apartments).
Owner—Rivoli Investment Co.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Oakland.
Brick exterior, steam heating, tar and gravel roof.
Plans will be ready for sub-figures in two weeks.

Additional Contracts Awarded.
Bank Cost, $75,977
VALLEJO, Solano Co., Cal. Georgia St. in the 300 block.
One-story and basement reinforced concrete and steel bank (terra cotta exterior).
Owner—Central Commercial Bank.
Architect—Herman Safe Co., 216 Fremont St., San Francisco, and W. A. Jones, Vallejo, Associated
General Contractor — Larsen-Siegrist Co., Claus Spreckels Bldg., S. F.
Marble Work—American Marble & Mosaic Co., 25 Columbia Sq., San Francisco, $16,800.
Cabinet, Glass, Hardware—Mullen Mfg. Co., 64 Rausch St., S. F., $11,000.
Bronze Work—Keystone Ornamental Iron & Bronze Co., 16th St. and San Bruno Ave., San Francisco, $2653.
Floor Covering (Cork Carpet and Linotile)—Van Fleet-Feear Co., 61 New Montgomery St., S. F., $2100.
Venetian Blinds—Western Blind & Screen Co., Hearst Bldg., S. F., $425
Window Shades—W. & J. Sloane, 224 Sutter St., San Francisco, $57.
Electric Clock—Decker Electric Co., 149 New Montgomery St., S. F., $187.
Decorating and Painting—Berke Bros., 3869 17th St., S. F., $3000.
Vault Work—Herman Safe Co., 216 Fremont St., San Francisco, $7200.
Lighting Fixtures—To be awarded next week.

SEATTLE, Wash.—J. A. McEachern Co., Colman Bldg., Seattle, at $250,000 awarded contract by Architect John Graham, Dexter Horton Bldg., to erect 60x180 ft. fireproof bank building in 2nd Ave., bet. Columbia and Marion Sts., for Seattle Branch of the Bank of California.

LOS ANGELES, Cal. — See "Apartments," this issue.

OAKLAND, Cal.—See "Theatres," this issue.

PORTERVILLE, Tulare Co., Cal. — Jo Wong Chong Co., Porterville, has awarded contract to Samuel Ellis, Porterville, to erect one-story and basement, 50 by 80-ft. brick store and restaurant building in North Main near Olive street. Construction will be started immediately.

FRESNO, Cal.—See "Garages" this issue.

EAGLE ROCK, Los Angeles Co., Cal. —See "Apartments," this issue.

LOS ANGELES, Cal.—Pacific Southwest Trust & Savings Bank has purchased the property at s.e. cor. of University Ave. and Jefferson St. and contemplates the erection of a new 2-sto. brick bank, store and office bldg. to cost $100,000. The site is 80x130 ft. A 2-story bldg. now on the property will be wrecked.

LOS ANGELES, Cal.—Archts. Dodd & Richards, 905 Brack Shops Bldg., have completed plans and are taking bids for erecting a 2-story and part basement brick store and loft bldg. on Los Angeles St. south of Washington St. for Skinner & Knecht. Dimensions, 53x132 ft., brick walls, press. brick and terra cotta facing, plate glass windows, concrete lintels, comp. rfg., metal skylights, steel sash, elevators.

LOS ANGELES, Cal.—Archts. Dodd & Richards, 905 Brack Shops Bldg., have been commissioned to prepare plans for a limit-height class A bank and office bldg. to be erected at n.e. cor. of Main and Commercial Sts. for Pacific Southwest Trust & Savings Bank. The site is 45x125 ft. There will be a banking room and stores on first floor and offices in upper stories. Estimates are being made on both steel frame and reinf. conc. construction.

LONG BEACH, Cal.—C. B. Harp, 3649 7th Ave., (760-388), Los Angeles, is reported having plans prepared for a $65,000 2-story, store and office bldg. to be erected for him at Ferris Road and Anaheim Ave., Long Beach. Found. 80x135 ft., 6 stores, 33 offices; cem. block constr., white press. brick and tile front.

THEATRES

To Award Contract Shortly—Electrical Bids Being Taken.
THEATRE Cost, $350,000
SACRAMENTO, Cal., K St., near 10th street.
Class A steel frame and reinforced concrete theatre (pressed brick & terra cotta exterior, concrete roof)
Owner—Paramount Theatre Cptn.
Architect — Leonard Starks, Ochsner Bldg., Sacramento.
Bids were taken from the following selected three contractors:

General Contract

Mathews Constr. Co., Forum Bldg., Sacramento.....$224,000
Wm. Murcell, Sacramento..... 239,000
Lindgren-Swinerton Co., Inc. San Francisco 255,000

Heating & Ventilating

Latourette-Fical Co., Sacto.....$29,000

Plumbing

Latourrette-Fical Co $10,800

Electrical work bids now being taken.

Contracts Awarded.
THEATRE Cost, $350,000
SACRAMENTO, Cal., K St., near 10th street.
Class A steel frame and reinforced concrete theatre (pressed brick & terra cotta exterior, concrete roof)
Owner—Paramount Theatre Cptn.
Architect — Leonard Starks, Ochsner Bldg., Sacramento.
Bids were taken from the following selected three contractors:

General Contract

Mathews Constr. Co., Forum Bldg., Sacramento $224,000

Heating & Ventilating

Latourette-Fical Co., 901 Front St., Sacramento $29,000

Plumbing

Latourrette-Fical Co. $10,800

Electrical work bids now being taken.

GLENDALE, L. A. Co., Cal.—Arthur G. Lindley and Chas. Selkirk, assoc., 800 Amer. Bank Bldg., have completed plans for a class A theatre bldg., to be erected on Brand Blvd. near Wilson St., Glendale, for Dr. Jessie A. Russell and William McMillan. It will have seating capacity of 2100 people and there will be shops and offices in first and second fl. Reinf. conc. constr., press. brick facing, terra cotta trim, steam htg. system, plate glass, basement, cem., hardwood and tile fls., staff work, metal store fronts, mech. ventilating system, comp. rfg., hardwood and tile trim, ornam. iron; $300,000. Bids will be taken next week.

WHARVES AND DOCKS

SACRAMENTO, Cal.—City Engineer Albert Givan will start crews placing piles for substructure of new municipal wharf. Concrete piles, 75-ft. long, will be driven. All work will be done by the City Engineering Department, bids for the work having been rejected as being too high.

OAKLAND, Cal.—Of the $25,000,000 construction program voted recently by directors of the Santa Fe Railroad, $600,000 will be spent in improving the company's property in Oakland, it was announced by J. R. Hayden, assistant traffic manager.
The expenditure will go chiefly for enlargement of the Alice street wharf and the addition of 20 or more tracks.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
DORMITORY Cost, $15,000
SAN FRANCISCO, Cumberland St. near Church.
Three-story hollow tile dormitory.
Owner—McKinley Orphanage.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.

RENO, Nevada — Washoe County Commissioners vote to erect $12,000 structure at Gerlach, Nevada, for use as public meeting place and to house county jail quarters. Construction will be started early in 1924.

SACRAMENTO, Cal.—The following bids were received on October 25th by H. G. Denton, city clerk, for the construction of a 2-story brick and hollow tile firehouse at SW 2nd and "L" Sts., from plans prepared by Architects Dean & Dean, City Library Bldg., Sacramento. Bids were taken under advisement for a few days.

Jas. T. Gormley, 1152 Santa Barbara Ct., Sacramento	$29,205
Herndon & Finnigan, Sacto	29,890
Chas. S. Mabrey, Sacramento	29,897
Davison & Nicolsen	31,328
H. W. Robertson, Sacramento	31,809
G. D. Hudnutt, Sacramento	32,500
Fred H. Betz, Sacramento	32,574
C. J. Hopkinson, Sacramento	32,669
Frederickson & Shannon, Sacto	32,970
McGillvray Constr. Co., Sacto	33,390
Holdener Constr. Co., Sacto	33,695

LOS ANGELES, Cal.—Until 11 a. m., Nov. 19, bids will be received by the board of supervisors for erecting four nurses' home bldgs. at Los Angeles general hospital. Separate bids will be taken on general contract and for plumbing and heating. The bldgs. will each be 2-story 30x108 ft., and will contain 24 rms.; frame constr., shingle rfs., connecting pergolas, pipe tunnels, steam htg. from central plant.

VERDEMONT, San Bernardino Co., Cal—Archt. McNeal Swasey, 405 Hibernian Bldg., is preparing plans for several bids for the new town site of Verdemont, 7 miles from San Bernardino, for a local syndicate. The first buildings to be built will be an elementary school and several store buildings, also a gasoline filling station. They will be Spanish architecture, and all future buildings will have to conform as recommended by Arthur Benton and McNeal Swasey, consulting architects. There will be sewers, curbs, sidewalks and street work. Norris Schilz Co., 710 Grosse Bldg., has the contract for all work.

LOS ANGELES, Cal.—Southern Pacific Railroad Co., through its engr. dept. Rm. 9, 5th St. and Central Ave., are taking bids to close Nov. 12th, for a locomotive erecting shop bldg. to be erected at the Southern Pacific shops on Alhambra Ave. It will be 80x498 ft., 52 ft. high, steel frame constr., brick walls, comp. rfg., conc. fls., steel sash, 24 engine pits, steel rolling doors, wire glass, one 200-ton and two 15-ton traveling cranes, metal skylights; $600,000.

Contract Awarded.

ALTER & ADD. Cost, $28,275

SAN FRANCISCO, S Green 80 W Stockton.

Alter and add to 4-story and basement brick building.

Owner—John Onesti, 645 Broadway, San Francisco.

Architect — Louis Mastropasqua, 580 Washington St., S. F.

Contractor—Emil Ichters.

Plans Being Figured—Bids Close Nov. 15, 1923.

NURSES' HOME .. Cost $500,000

SAN FRANCISCO, Sutter St., bet. Scott, and Divisadero Sts.

Six-story Class A nurses' home with roof garden and auditorium.

Owner—Mt. Zion Hospital.

Architects—Sylvain Schnaittacher, 233 Post St., and S Lightner Hyman, 68 Post St., San Francisco.

Figures are being taken on the following work:

General contract work.
Plumbing.
Heating.
Painting.
Electrical.
Elevators.
Light fixtures.
Linoleum.

Sub-Figures Being Taken—Contracts Awarded.

PUB. PLANT BLDG. Cost, $582,750

SAN FRANCISCO, Mission, 5th, Minna and Mary Sts.

Three-story and basement reinforced concrete publishing plant bldg.

Owner—Chronicle Publishing co.

Architect—Weeks & Day 318 Montgomery St., San Francisco.

Engineer—Leland & Haley.

Contractor—K. E. Parker Co., Clunie Bldg., San Francisco.

Heating to Jas. Pinkerton.

Plumbing to Scott Co., 243 Minna St.

Glass to W. P. Fuller Co., Beale and Mission Sts.

Electric to Globe Elec. Co., 1959 Minna Street.

SAN PEDRO, L. A. Co., Cal. — The Chamber of Commerce has provided an appropriation of $300,000 to construct a beach, boating lagoon and swimming pool, 150x100 ft., near the breakwater. The proposed playground would be known as "Cabrillo Beach."

SACRAMENTO, Cal.—Until Nov. 8, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to erect fire house at 43rd and J Sts. Cert. check 5% payable to City Comptroller req. Plans on file in office of city clerk.

SAN FRANCISCO—The Board of State Harbor Commissioners have awarded a contract to Fred Wagner, 63 Hoff Ave., for painting the waiting rooms in the Ferry Building. Contract price, approximately $3500.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic Trade Department, Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-879—San Francisco. Party has for sale A. C. Motor, 60 cycles Westinghouse, 8 horse-power; in good condition. Has also small Transmitter for sale.

D-882. N. J. Manufacturers of Thread Cutting Dies are seeking manufacturers' agent or representative who could devote part time or carry their line with his other line; should be one who is acquainted with the engineers, piping contractors, railroads, oil refineries, etc.

D-887—San Francisco. Practical experienced sales manager desires connection with San Francisco or Bay District firm or jobbing concern. Knows Pacific Coast territory thoroughly; very best of local and Eastern references.

D-889 — San Francisco. Tennessee manufacturer of best oak flooring desires a San Francisco firm to handle his account. Only first grade hard wood will be supplied.

D-892 — San Francisco. Old established laboratory corporation which has manufactured a proven product, desiring to expand, offers opportunity to party with $15,000 or $25,000 to invest in an active or inactive interest. Investor can protect his capital through control of the corporation.

D-893—San Jose, Cal. Manufacturing concern of machinery and farm implements with established trade, wishing to expand, desires to get in touch with investors of $5000 to $15,000. Would consider consolidating with foundry and machine shop in San Francisco.

7597—Athens, Greece. Firm desires contacts with reliable carpet importers in San Francisco.

7599—Berlin, Germany. Firm wishes a representative for various patent articles, such as their non-leakable water faucet, guaranteed for fifteen years

7600 — Hamburg, Germany. Firm seeks connections for the sale of their sundry rubber goods and wireless telephones.

7601—Calcutta, India. Firm wishes to represent manufacturers of hardware and auto accessories.

7602—Bornhem, Belgium. Party desires connections with importers of willow ware and furniture.

7603—Kobe, Japan. Gentleman wants to act as representative of a California oil refinery. References given upon request.

7604 — Calcutta, India. Exporter wishes to get in touch with firms desiring brassware, carpets, etc.

7606—Grenfeld, Germany. Firm seeks a selling agent here for their high-grade mechanical tools.

7607 Bremen, Germany. Firm desires a selling connection in California for the sale of surgical instruments and hospital equipment.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Leads for Business

JOBBERS—Eastern Wholesale Jobbing Co., 22 Battery.
M. Edelman to 153 Kearny.

LADIES' APPAREL — The Marquise, 1031 Market.
Mrs. Florence Samson, 4126 18th to 2133 Clement.

SANITARY FIXTURES—Sanitary Products Mfg. Co., 5th and Hooper.

SCHOOLS—Bickett School, 532 Geary.
Mrs. E. M. Carpenter Shorthand and Spanish School, 101 Post to 68 Post.

SHEET METAL WORKS—E. W. Murphy, 187 Parker Avenue.

SHIPBUILDING AND STEEL—Bethlehem Shipbuilding Corp. will move from Balfour Bldg and Bethlehem Steel Co. from Monadnock Bldg. to 10th floor Matson Bldg.

SHIPPING—Theo. H. Davies & Co., Ltd. 310 Sansome to 1210 Matson Bldg. soon.
McCormick S. S. Co. and Chas. R. McCormick & Co., Fife Bldg. to 9th floor Matson Bldg.
Matson Navigation Co., 120 Market to new building, 215 Market about January.
American Hawaiian S. S. Co., Alaska Commercial Bldg. to 8th floor Matson Bldg.

SHOES—Smith & Heller, 712 Irving.
Colombo & Cechinti, 4634 3rd.
Adams Bros., 2786 Mission.
Glaser Shoe Co. (1356 Stockton) 25 Beale.
C. M. Hanson (repairing) 600 5th Ave. to 1854 Divisadero.

SOAP—Proctor & Gamble Dist. Co., 112 Pine to 38 Sansome.

STATIONERS — Mary Losada, 835 Broadway.

STORE FIXTURES — Kordoulis Mfg. Co., 7th and Cleveland.

STOVES AND RANGES — Excelsior Stove & Repair Co., 4417 Mission.

STUDIOS — Geo. D. Rubino (art) 45 Maiden Lane.
Mrs. Vought (vocal) 545 Sutter to 533 Post.

SUGAR REFINERS — California & Hawaiian Sugar Refining Co., 230 California to 15th floor Matson Bldg.

TAILORS—S H. Greenberg, 1208 Masonic Avenue.
F. Rodriguez, 1308 Octavia.
Harry Montalhano (pants maker) 381 Bush to 243 Kearny.
H. Price (ladies) 1930 Sutter.
J. Zalkind, 3280 24th.
Jos. Ryan, 2469 Mission.

TELEGRAPH—Postal Telegraph Cable Co. will install branch in Matson Bldg.

TEXTILE—Ridley Watts & Co. (W. H. Langley) cotton goods, Postal Tel. Bldg.
Ray Schmidt (silk) 320 Market.

THEATRES — Metropolitan Theatre, 2078 Union.

TRANSPORTATION — Amerincan Toll Bridge Co. and Rodeo Vallejo Ferry Co., 525 Market.

UPHOLSTERING—Eureka Mattress Co. 3470 19th.

VACCUM CLEANERS—Regina Vacuum Cleaner Co. (agency) 3210 24th.

MISCELLANEOUS—Matson Bldg. will be number 215 Market.
Sidney Ballou, Mills Bldg. to 1026 Matson Bldg.
Asbestos & Mineral Corp. and Libbey Glass Mfg. Co., Sharon Bldg.
Douglas Dahlin Co., 311 Minna.
W. A. Lieber, 110 Market to 405 Matson Bldg. soon.
R. Orsi & Co., to sell business 1509 Taraval.
Manufacturers Agents Exhibit Bldg., 200 Davis.
Foster & Chi, 149 California.
C. Martinelli, 428 Broadway.
Haines & Diamond, 337 Geary.
Davenport Taylor Mfg. Co., Williams Bldg.
Rex Institute, 233 Post.
G. J. Crinnion, 209 Post.
L. H. Ingwersen, 406 Montgomery.
Duroxo Mfg. Co. (J. E. Rodgers) 775 Bush.
Wm. Kent, 1 Montgomery to 564 Market.
Santa Cruz County Utilities Co. (J. C. Hughes) 564 Market.
Silver Burdett & Co., 149 New Montgomery.
Ty-Tom Manufacturing Co., 821 Market.
Universal Mfg. Co., 780 Ellis.

LEASES—Assigned May 12, 22 to Mrs A Zurini.
Oct. 18, 1923, Ernest Rehage to Ernest Baur and Ernest Schudel, S 24th St. bet Folsom and Shotwell sts No 3109 24th St 5 yrs $50 per mo and option to renew.
Sept. 5, 23, Joseph and Celia Hirsch and Leopold and Paulina Hirsch to Ina Davidson, NE cor Mason and Sutter Sts No 602 Mason st 5 yrs $56,220.

LEASES—Sept. 21, 1923—E. A. Lobree and Leon A. Kutner to Kate Nelson—SW Cor. Third and Perry 55 on Third by 75 on Perry No. 436 Third St., 10 years, $425 per mo.
Oct. 26, 1923—O. F. Fredericks to Peter J. and GeorgeJ. Prevolos—Hotel Hyde, 11 Jones St., 15 years, $175 per month, etc.
Nov. 1, 1923—Raymond E. Bone to Carrie M. Murber—S Bush bet. Jones and Leavenworth descd S Bush 120 E Leavenworth E alg Bush 50xS 137-6, 10 years, $153,600.
Oct. 29, 1923—Cesare and Evelina Pinocci to Elizabeth Schalich—N Pacific 27-11 E Wayne Place E O-1 xN 42-6.

SAFETY SWITCHES — The Meyers Safety Switch Co., 575 Howard St., is having a one-story factory building built on S Tehama St. 158 W Fifth St.

LEASES—Oct. 23, 1923—Harry Duskin to I. Brownfield and L. H. Gradell—1916-1916A McAllister St., 3 years, $35 per month.
Oct. 15, 1923—Edw. L. Soule Co. to Shell Company of California—NW Alameda and Potrero Ave W 75xN 108.75, $150 month, 4 years 4 months and option to renew.
Oct. 1, 1923—Frank Juliano to Gust Kolakides, Athan Eliades and Steve and Teddy Eliades as North Star Laundry—Army St. bet. Mission and Shotwell Sts., 10 years, $350 per mo.

ASSIGNMENTS OF LIENS—Sept. 1, 1920—A. E. Gill to August D. Hillebrandt NW Cor. Pine and Divisadero Sts., No. 1901 Divisadero, 3 years, $2340.
Assigned Oct. 22, 1923 to Geo. Hillebrandt, $1.

HOMES—J. C. Bovey, vice pres. of the Mercantile Trust Co., has purchased a large 2-story English type house on San Rafael Way in St. Francis Wood.

LEASES

Five entire upper floors in the new Finance building just completed at 580 Market street have been leased to the Pacific Telephone and Telegraph Company, according to the report of Buckbee, Thorne & Co.

Other leases recently closed and contained in the report included a ground floor store in the Finance building for Eugene N. Fritz Jr., owner, to H. Sutliff.

For Selby and H. R. Mohr, they leased to McGraw Hill Company of California, the entire fourth floor of the building now being erected by these owners on the southwesterly line of Mission street, between Fourth and Fifth sereets.

For Lena C. and Charles E. Wenger, they leased to Sharp & Dohme, the ground floor and basement of the building at 589 Mission street, in which this firm of manufacturing druggists will establish a branch for the handling of their business on the coast.

For Kinney-Rome Co., they leased to A. Goldstein and Myers & Schwartz the warehouse premises at 63-69 Bluxome street.

For Mrs. Margaret A. Park and Mrs. A. M. Rudden, they leased to Henry Tosi, et al, the ground floor and basement of the building on the northeasterly corner of O'Farrell street and Elwood place.

For the Ansco Company, they leased to E. F. Cunningham, Inc., the fifth floor loft of the building at the northwesterly corner of Second and Howard streets.

For. A. Aronson, they have leased to the Ansco Company, the loft space on the tenth floor of the Aronson building, northeast corner of Third and Mission streets.

For Jacob Macowsky, they have leased to the Automotive Gear Company the building at 818 Van Ness Ave., in which this firm will open up a factory branch.

LEASES—Oct. 28, 1920—John A. Buck, Henry W. Ohlandt, Matilda E. Hammersmith, Freda W Ames, John Chester Ohlandt, Olga Jungbluth Broughton, Henry N. Jungbluth and Louis N. Roesch to Victor Bernstein and Rebessa Bernstein—NW Market 252-1⅝ NE Golden Gate Ave NW 58-3⅜ N parl with E Taylor 80-4¼ toS Turk E 52-2¼ S 66-3¾ SE 39-2⅛ to pt dist 50-6⅝ from beg SW 50-6⅝ to beg., 10 years, $144,000.
Oct. 24, 1923—Clara S. wf David Bibbero to Charles and Filomena Galli—744 Howad St., bet. 3rd and 4th Sts. Hotel Comfort, 3 years, $5400.
Oct 13, 1923—Leo and Sophie Newman to Du Pont, Carleton & Co., consisting of Paul A. Du Pont, Charles A. Carleton and Ralph D. Wilson—N Bluxome 200 W 4th. 4 years 7½ months, $22,200.
Oct 17, 1923—Fannie A. Furst to F. A. Levy—W Arguello Blvd. 127-1½ S Lake No. 225 Arguello Blvd. 5 years $7800.
Oct. 1, 1923—Arcadia S. Arguello to Lilian Chiorini—930 Leavenworth E side 100 N Bush. Del Mar Apartments, 6 years, $18,000.

REMOVAL—Butte Elec. & Mfg. Co. from 534 Folsom to 956 Folsom St. Phone Douglas 145.

ARTIST—A. R. Wallace, 821 Market.

AUTOMOTIVE — Mamlock Bros. (garage) 299 Claremont.
Madigan & O'Dea (shop) 440 Valencia.

BAKERIES — Mission Cracker & Biscuit Co., 2853 Mission.

BEAUTY PARLORS—Claremont Beauty Shop, 286 Claremont.

BROKERS—J. S. Coates, 328 Sacramento to 149 California.

CANDY—Saml Morris, 881 Sutter.

CHIROPRACTORS—F. J. Oakes to 1026 Market.

CLEANING & DYEING—Grahams Renovatory, 1095 Market.

DRY GOODS — R. M. O'Neill (1689 Church) 2862 24th.

FURNITURE — Flash Furniture Co., 1955 Chestnut.

FURRIERS — Zivian & Gerson, 133 Geary.

HARDWARE—Gregory & Handu, 3145 Geary.

INSURANCE — H. A. Dutton, Claus Spreckels Bldg.

LEASES—E. A. Johnson, 405 10th.

LUMBER—McCullough Fagan Lumber Co., 112 Market to 9th floor Fife Building.

MACHINERY—Cleveland Elect. Tramrail Co., St. Clair Bldg.

MFRS. AGENTS—Western Sales Co., 35 Montgomery.

GROCERS—L. Pardini & Co. 520 Washington.

PHLSICIANS—Dr. D. B. Domb, 406 to 391 Sutter.

REAL ESTATE—J. P. Martin & Co., 225 Montgomery.

RESTAURANTS—Geo. C. Cohn to buy L & S Coffee House, 65 6th Oct. 27. Original Boston Beanery, 285 6th.

SHEET METAL WORKS—E. W. Murphy, 187 Parker Avenue.

SHOES—C. M. Hansen (repairing) 600 5th Ave. to 1854 Divisadero.

(Continued on Page 22)

Official Proposals

NOTICE TO CONTRACTORS

(Stand Pipe — Terra Bella Irrigation District)

Notice is hereby given that the Board of Directors of the Terra Bella Irrigation District will receive sealed bids up to the hour of **10:30 o'clock, Tuesday, November 6, 1923,** for the furnishing and erection of one 5000 barrel stand pipe at Station 4 of the District in Sec. 4, T 23 S R 28 E.

Each bid is to be accompanied with the plans and specifications of the stand pipe proposed to be erected. The necessary earth excavations and stand bed to be made by the District. Work to be completed within 40 days after award of contract.

Bids are to be addressed to Earle R. Clemens, Secretary of the Terra Bella Irrigation District, and plainly marked "Bids for Standpipe". The district reserves the right to reject any and all bids, to waive defects and to accept any bid.

Each bid must be accompanied by a certified check in the sum of ten (10) percent of the total amount of the bid.

The successful bidder must enter into a contract within ten (10) days after the contract has been awarded, and must furnish a satisfactory bond in the sum of fifty (50) percent of the total amount of the contract.

TERRA BELLA IRRIGATION DISTRICT,
By Earle R. Clemens, Secretary.

NOTICE TO CONTRACTORS

(State Reclamation Board)

Sealed bids will be received up to **2:00 p. m. on November 5, 1923,** at Room 835, Forum Building, Sacramento, California, and then publicly opened by the Reclamation Board, for the construction of a timber highway bridge across the borrow pit of the East Levee of the Sutter By-Pass in Section 35, T. 14 N., R. 2 E., 6½ miles West of Tudor, Sutter County, California.

The length of bridge is 200 feet, consisting of 3 lift spans of 27 feet and 7 spans of 17 feet each. The principal material items are: 37,200 feet B. M. Oregon pine; 1600 feet B. M. redwood; 1100 lineal feet round timber piles; 3 yards reinforced concrete; hardware; 300 cubic yards, more or less, of earth-grading for approach.

Payment will be made either in cash or warrants of the Sacramento and San Joaquin Drainage District against Sutter-Butte By-Pass Project No. 6 as determined by the Board upon award of contract. Bidder will state his price, both in cash and in warrants, and accompany his bid with a certified check in the amount of ten per cent of his cash bid.

Work must be commenced within 30 days after award of contract and completed within sixty days thereafter.

For specifications and further information, apply to the Reclamation Board. The Board reserves the right to reject any or all bids.

THE RECLAMATION BOARD
By A. B. Waugh, Assistant Secretary.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on November 26, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, of portions of State Highway as follows:

Imperial County, between Westmoreland and a point 4 miles west (VII-Imp.-26-A), about three and nine-tenths (3.9) miles in length, to be graded and surfaced with gravel.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated October 29, 1923.

> A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rates** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Sluice Gates and Equipment—Merced Irrigation District)

Notice is hereby given that sealed proposals for furnishing to Merced Irrigation District of two sluice gates and their equipment and two discharge castings will be received by the Board of Directors of said District at its office in the Barcroft Building, in the City of Merced, State of California, up to **2 o'clock P. M. of Tuesday, November 20th, 1923,** at which time and place all bids so received will be opened in public by said Board, which reserves the right to reject any and all bids.

Said sluice gates and their equipment and said discharge castings are more particularly described in the specifications therefor, which may be seen at the office of said Board. Copies of said specifications may be obtained at said office, or at the office of Thebo, Starr & Anderton, Sharon Building, San Francisco, California.

In said specifications, said sluice gates and the stems, stuffing boxes and operating mechanism therefor are listed as Item 1, and said discharge castings are listed as Item 2. Proposals for furnishing either of said items or both of them will be considered.

Each proposal must be accompanied by a certified check for five per cent (5%) of the amount of the bid, as a guaranty that, if the proposal is accepted, the bidder will within fifteen (15) days thereafter, execute a contract in the form attached to said specifications and furnish a bond as provided by law in the sum of not less than twenty-five per cent (25%) of the amount of his bid conditioned for the faithful performance of said contract.

Each proposal must be substantially in accordance with the form attached to said specifications, and shall be addressed to the Board of Directors of Merced Irrigation District, and marked to indicate that it is in response to this call.

Dated at Merced, California, October 27th, 1923.

By order of Board of Directors of Merced Irrigation District.
A. L. COWELL, Secretary.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Lockers and Hardware—Merced Union High School District)

The Board of Trustees of the Merced Union High School District of Merced County, California, will receive sealed proposals up until **8:00 o'clock p. m. November 8, 1923,** at the High School Building, Merced, California, at which time and place said bids will be opened and read in public, for furnishing and installing 600 galvanized wire locker baskets and two wooden locker racks, and furnishing F. O. B. high school the finish hardware for the Auditorium Annex. Bids will be taken separately on these three items.

Cashier's or Certified Check, or Bidder's Bond for an amount not less than five per cent (5%) of amount of bid shall accompany each proposal, drawn to the order of H. K. Landram, Clerk of the Board of Trustees, Merced Union High School District, as a guarantee that the bidder will, within 5 days after being notified of the acceptance of his bid, enter into contract with said High School Trustees in accordance therewith and shall furnish the bonds as required by the specifications, said check or bond to be forfeited to the said High School District should the bidder fail to execute contract and furnish bond as above mentioned.

All bids to be made out on forms furnished by the Engineer.

Plans and specifications for all the above work may be seen and secured at the office of W. E. Bedesen, Merced California.

The said High School Board reserves the right to reject any or all bids, and to waive any informality in any bid received.

By order of the Board of Trustees, Merced Union High School District, Merced, California.

By H. K. LANDRAM,
Dated October 24, 1923. Clerk.

NOTICE TO CONTRACTORS

(Palo Alto Union High School District)

The High School Board of the Palo Alto Union High School District, Santa Clara County, California, will receive sealed proposals **up until 7:45 o'clock P. M., November 10, 1923,** at the present Union High School Building, Embarcadero Road and State Highway, Palo Alto, California, at which time and place said bids will be opened and read

in public for furnishing the required labor and materials for and erecting and completing the proposed additional new buildings for the Palo Alto Union High School, in accordance with plans and specifications therefor by Birge M. Clark, 600 Embarcadero Road, Palo Alto, California, Architect.

Bids will be received separately for the different parts of the work as follows:

For Painting, Contract No. 10, with alternate bids (see specifications).

For Opera Chairs, Contract No. 14 (see specifications).

For Stage Curtain, Contract No. 15 (see specifications).

For Draped Concrete of Cycloramic Setting, Concrete No. 16 (see specifications).

For Window Shades, Contract No. 17 (see specifications)

Not less than five per cent of amount of bid shall accompany each proposal, drawn payable to the order of Walter H. Nichols, Clerk of the Palo Alto Union High School District, as a guarantee that the bidder will, if requested within five days after receiving notice of the acceptance of bid, enter into a contract with said High School Board in accordance therewith and furnish the required bonds.

Said check or bond to be forfeited to the High School Board should the bidder fail to execute contract and bonds as above mentioned.

All bids to be made out on forms furnished by the Architect.

Plans and specifications for all of the above work may be seen at the office of Birge M. Clark, Architect, 600 Embarcadero Road, Palo Alto, Calif.

Plans may be obtained from the office of Birge M. Clark, Architect, 600 Embarcadero Road, upon the deposit of $20.00, which deposit will be refunded to the bidder when plans and specifications are returned in good condition.

The said High School Board reserves the right to reject any and all bids and waive any informality in any bid received.

By order of the High School Board of the Palo Alto Union High School District.

By WALTER H. NICHOLS,
Clerk.

Dated October 25, 1923.

NOTICE TO CONTRACTORS

(Poodle Creek Project—State Reclamation Board)

Sealed bids will be received up to **11:00 A. M. on November 5, 1923,** at Room 835 Forum Building, Sacramento, California, and then publicly opened by The Reclamation Board, for the excavation of 16,570 cubic yards, more or less, of material for a collecting drain following the line of Poodle Creek and extensions thereof, about three miles Southwest of Sutter City, California. The total length of the drain is 13,050 feet.

Payment will be made upon completion of the work and acceptance by the Board, in cash or warrants of the Sacramento and San Joaquin Drainage District against Sutter-Butte By-pass Project No. 6 as determined by the Board upon award of contract.

Bidder will state his price per cubic yard, measured in excavation, both in cash and in warrants, and accompany his bid with a certified check in the amount of ten percent of his cash bid.

Work must be commenced within fifteen days after award of contract and completed within sixty days thereafter.

For specifications and further information, apply to The Reclamation Board. The Board reserves the right to reject any or all bids.

THE RECLAMATION BOARD,
By H. B. Waugh, Assistant Secretary.

NOTICE TO CONTRACTORS

(Sacramento County—Burglary Alarm System)

Sealed bids will be received by the Clerk of the Board of Supervisors, of Sacramento County, California, at the office of the said Clerk of the Board in the Court House, Sacramento, California, **up to ten o'clock A. M., November 19th, 1923,** for a burglary alarm system in the office of the County Treasurer.

Each bidder must submit a proposal to the Clerk of the Board of Supervisors on standard forms which may be obtained from the County Engineer, said proposal to be accompanied by a certified check of ten per cent of the amount bid, check to be made payable to the Chairman of the Board of Supervisors of Sacramento County, California.

Plans and specifications are on file in the office of the County Engineer and the Clerk of the Board to which bidders are hereto referred to.

The Board of Supervisors reserves the right to reject any and all bids received and waive any informality in the bids received as the public good may require.

HARRY W. HALL, Clerk.
By William Hickey, Deputy.

NOTICE FOR BIDS

(Thermalito Irrigation District)

Sealed bids will be received by the Board of Directors of the Thermalito Irrigation District at the office of the Board, Oroville, California, **until one o'clock P. M., November 9th, 1923,** for the following work: Lake Wilenor Storage Works in Butte County including about 500 cubic yards of loose rock excavation, 300 cubic yards of solid rock excavation, 2200 cubic yards of concrete masonry, together with all fittings and hauling of materials.

Contract will be let to the lowest responsible bidder. Plans and specifications can be seen at the office of the Board, Oroville, California, and at the office of L. Jorgensen, Consulting Engineer, 1202 Hobart Building, San Francisco.

R. A. LEONARD,
Secretary, Thermalito Irrigation Dist.

LEADS FOR BUSINESS

(Continued from Page 20)

STUDIOS—Geo. D. Rubino (art) 45 Maiden Lane.

TAILORS—H. Price (ladies) 1930 Sutter Street.

THEATRES — Metropolitan Theatre, 2078 Union.

MISCELLANEOUS—Douglas Dahlin Co 311 Minna.
Rex Institute, 233 Post.
Santa Cruz County Utilities Co., (J. C. Hughes) 564 Market.

AUTOMOTIVE—Federal Motor Truck Co. (J. H. Hartzell, Gen. Mgr., 1123 Post) to erect $20,000 sales building N.E. Howard and Grand. Arthur S. Bugbee, architect.
Nash Motor Car Agency, 1251 Market

BAKERIES—Hellwig Bakery and Restaurant to make extensive alterations.
Perfection Bakery, 604 Divisadero.

BEAUTY PARLORS—Parisian Beauty 177 Post.

BROKERS—Morris Opper and Saml. Moskowitz buying Eagle Loan Office 123 3rd.

CANDY—H. Shelly buying 4468 Mission
L. A. Mesler buying Lowry Candy Co. 19th and Alabama.
W. T. Whitmarsh to buy 2870 24th November 3rd.

CEMENT—Quadalupe Portland Cement Co., 16 California purchasing 260 acres New Alamaden for plant.

CLOTHING—Armand Cailleau, 209 Post to 456 Geary.

COFFEE — Fisher Coffee Co. (wholesale) 25-29 Drumm.

DENTISTS—A. A. Molinari, 408 Columbus Ave.

DRAYAGE—V. F. Shuttleworth buying Suburban Transfer & Moving Co 1844 Divisadero.

DRESSMAKERS—Minnie Messer, Commercial bldg.

ELECTRICAL—Butte Electric & Mfg. Co., 534 to 956 Folsom.
Polk Electric Co., 1346 Polk.

FURNITURE—Coast Furniture Co. occupying S.W. Cor. at 23rd and Valencia Sts. Nov. 15, 1923.

GROCERS—Elizabeth Sielaff to buy 2298 Howard.
New business to open 549 Geary.
Otto H .Falk buying 178 Broad.

HOTELS—Jos. Tresmonton to opcrate Continental Hotel, 127 Ellis Nov. 1.
Chris Labroff to buy Hotel White, 1226 Great Ave. Nov. 2.

INSURANCE—Wm. F. Hougaard, 201 Sansome.

LADDERS—J. B. Patterson Ladder Co., 200 Davis.

MFRS. AGENTS—Wm. P. Schulte, Jr., 302 Balboa Bldg. to 200 Davis.
Wm. Allen, 200 Davis.
A. Apronson, 216 Commercial to 200 Davis.

PLUMBING — Geo. Strohmeier buying 1376 Sutter.

POULTRY—M. Soanovsky buying 1380 Turk.

RESTAURANT—J. F. Gallagher buying Let Us Eatum, 626 Great Highway.
Jos. Smeikal buying Joe's lunch, 1906 Polk.
Otto Kech and Anton Weibel buying Poole's Dairy Lunch, 690 3rd.

TAILORS — C. E. Lindbeck succeeds Kramer & Lindbeck, 25 Kearny.

MISCELLANEOUS—Rosenthal's Sales Stores (branch) 3230 Mission.
Simon Grossman to buy business 512 Kearny, Nov. 2.
Alex Poidel buying business in lobby of Hewes Building, 995 Market.

Engineering News Section

BRIDGES

HUMBOLDT CO., Cal.—State Highway Commission has filed plans and specifications with U. S. Engineer Office seeking permit to construct bridge across Klamath River near Requa, Cal. The proposed bridge, authorized by the Legislature, will cost $250,000.

OROVILLE, Butte Co., Cal.—T. H. Polk, Chico, at $1,579.30 awarded cont. by supervisors to const. Rock Creek bridge. W. L. Thompson, Orland, only other bidder at $1,736.70.

T. H. Polk at $1,382.90 awarded cont. to const. bridge on Hicks Land, north of Chico. W. L. Thompson bid $1,519.78.

SAN BERNARDINO, Cal.—Until 11 a. m. Nov. 12 bids will be rec. by supervisors to const. bridges as follows:

One 60-ft. span steel girder bridge f. o. b. San Bernardino (fabrication and delivery).

One 192-ft. span steel deck Pratt truss bridge over City Creek on City Creek Rd., about 11 mi. n.e. of San Bernardino and 5 mi from Highland (nearest shipping point).

Cert. check 5% in each case. Plans and spec. on file at office of the supervisors. Harry L. Allison, clerk. Edgar T. Ham, co. surveyor.

MONTEREY COUNTY, Calif. — Following bids rec. Oct. 29 by State Highway Commission, Forum Bldg., Sacramento, to repair bridge over Salinas river at Nacimiento station. Work involv. floor repairs for structure composed of 27 19-ft. timber trestle spans and 4 150-ft. steel truss spans:

Harvey Vickroy, Stockton	$17,257
and	$17,290
Theo. Maino, San Luis Obispo	17,601
Geo. E. Liebert, S. F.	19,429
Howard S. Williams, S. F.	21,932
A. J. McGarry, Santa Barbara	25,536
Engineer's estimate	20,506

Approx. quantities of materials are: (1) removing present floor system; (2) 94,400 ft. b. m. new selected common Douglas fir timber; 38,260 ft. b. m. new No. 1 common Douglas timber; 66,600 ft. b. m. old timber; 2226 sq. yds. 1½-in. Type A wearing surface; 1200 sq. yds. asphalt painting Grade E. Alternative Item—2226 sq. yds. 1½-in. Type B wearing surface. Notes—Alter. 7 is to be considered as alternative for Item 5. The old timber in Item 4 above is to be taken from the floor system of the existing bridge.

ABERDEEN, Wash.—M. M. Caldwell, engineer, Central Bldg., Seattle, commissioned by city council to prepare plans for steel and concrete bridge over Wishkah river at Wishkah St., for which bonds of $200,000 have been sold. Type of bridge yet to be determined, will be either 2-leaf or 1-leaf, approx. 150-ft. long with 30-ft. roadway and two 5-ft. walks.

LOS ANGELES, Cal.—Until 11 a. m., Nov. 19, bids will be rec. by supervisors to const. bridge on Florence Ave. over new channel of Los Angeles river; bridge on Palmdale Valyermo Rd. over Little Rock Creek. Plans on file at office of county clerk.

MARYSVILLE, Yuba Co., Cal.—Jenkins & Elton, 3560 Y St., Sacramento, at $3,182 awarded cont. by supervisors for pile bridge across Plumas Lake on Feather River Blvd. L. E. Hite, Marysville, was low bidder at $2,828, but failed to sign his bid.

REDWOOD CITY, San Mateo Co., Cal.—City Trustees will shortly ask bids for purchase of $10,000 bond issue to finance construction of Jefferson Ave. bridge. C. L. Dimmitt, City Eng.

LONG BEACH, Cal.—Scott Alexander, chairman of the Terminal Island highway comm., has recommended to the city council that the city construct a bascule bridge across the harbor entrance to provide a highway between the city and Terminal Island. It is proposed to call an election to vote on a $900,000 issue for this purpose.

SANTA CRUZ, Santa Cruz Co., Cal.—N. M. Thies at $4949.50 submitted only bid to supervisors to construct bridge over Waddell creek. Bid rejected and work ordered done by county. Lloyd Bowman, county surv.

SANTA CRUZ, Santa Cruz Co., Cal.—Greenfield Bros., Santa Cruz., at $2072 awarded cont. by supervisors to construct retaining wall east of Aptos.

TUDOR, Sutter Co., Cal.—Until Nov. 5, 2 p. m., bids will be rec. by State Reclamation Board, A. B. Waugh, assistant secretary, to cont. timber highway bridge over the borrow pit of the East Levee of the Sutter By-Pass, 5½-mi. west of Tudor. Bridge is 200 ft. in length, 3 lift spans of 27-ft. and 7 spans of 17-ft. each, involv. 37,200 ft. B. M. Oregon Pine; 1600 ft. B. M. redwood; 1100 lin. ft. round timber piles; 2 yds. reinforced concrete; hardware; 300 cu. yds. more or less, earth—grading for approach. Payments will be made either in cash or warrants of the Sacramento and San Joaquin Drainage District against Sutter-Butte By-Pass project. **See call for bids under official proposal section in this issue.**

MERCED, Merced Co., Cal.—E. K. Angle, Dos Palos, at $12,800 awarded cont. by supervisors to construct two bridges over double canal on state highway west of Los Banos.

MIAMI, Ariz.—Bids will be called at once to const. 90-ft. reinf. conc. bridge across Miami Wash near tailing dump of the Miami Copper Co.; Ran Bone, engineer.

NEVADA STATE—As previously reported, bids will be rec. by State Highway Commission, until Nov. 21, 1:30 p. m., to const. concrete underpass structure in Clark county under U. P. R.R. tracks, approx. 120-ft. long. Project involves 2300 cu. yds. unclassified excavation; 425 cu. yds. Class C conc. (abutments). Falsework for supporting track during construction and structural steel deck to be placed by R.R. Company. Geo. W. Borden, state highway engineer.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

DREDGING, HARBOR WORKS AND EXCAVATIONS

SACRAMENTO, Cal.—Until Nov. 8, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to const. shore protection levees. Cert. check 5% payable to City Comptroller req. Bond of $10,000 req. of successful bidder. Plans on file in office of city clerk. Albert Givan, city engineer.

LOS ANGELES, Cal.—United Dredging Co., Central Bldg., Los Angeles, submitted low bid to U. S. Engr., Los Angeles, at 41.97c cu. yd. to dredge triangular portion off Deadman's Island, involv. 700,000 cu. yds. Maj. E. D. Ardery has recommended that the bid be accepted.

YUBA CITY, Sutter Co., Cal.—Callahan Constr. Co., Dallas, Tex., were awarded contr. by trustees of Reclamation Dist. 1600 at $350,000, to const. drainage canals, pumping stations and bridges. Work will be started at once.

SACRAMENTO, Cal.—Until Nov. 5, 11 a. m., bids will be rec. by State Reclamation Board, Forum Bldg., for excavation of 16,570 cu. yds., more or less, of material for a collecting drain following line of Poodle Creek and extensions thereof, approx. 3-mi. s.w. of Sutter City; total length of drain is 13,050 ft. **See call for bids under official proposal section in this issue.**

SUTTER CITY, Sutter Co., Cal. — John Phillips, Oakland, at $.30 cu. yds. submitted low bid to State Reclamation Board, Forum Bldg., Sacramento, for excavation of 16,570 cu. yds. of material, more or less, following line of Poodle Creek and extension thereof, bet. East Levee of Sutter By-Pass and West Levee of Wadsworth Canal, approx. 2½-mi. s.w. of Sutter City. Bids rejected and ordered re-advertised to be opened Nov. 5, 11 a. m. Bidders are asked to state price on both cash and warrant basis.

NEWPORT BEACH, Cal.—Ernest Burris, Newport Beach, awarded contr. by City Trustees at 5c cu. yd. for removing the S. P. Ry. embankment in Municipal Imp. Dist. No 2, involv. 4570 cu. yds. material. Paul E. Kressly, 732 H. W. Hellman Bldg., Los Angeles, Engr.

IRRIGATION PROJECTS

TURLOCK, Stanislaus Co., Cal.—Turlock Irrigation District votes bonds of $500,000 to finance drainage and irrigation improvements in addition to the construction of ninety miles of electrical transmission lines.

MERCED, Calif.—Plans and specifications are on file in the office of Building & Engineering News, 818 Mission St., San Francisco, for the Exchequer Dam, bids for which will be opened by the director of the Merced Irrigation District November 8. These plans and specifications are opened for inspection by those interested in the project.

MERCED, Merced Co., Cal. — Until Nov. 20, 2 p. m., bids will be rec. by A. L. Cowell, secretary, Merced Irrigation District, for fur. and del. Exchequer two sluice gates, 277 static head operated under 100-ft. and of from 28 to 30-ft. to discharge to 6-ft dia. sluiceway for Exchequer dam. Starr, Thebo, Anderton, engineers, Sharon Bldg., San Francisco. **See call for bids under official proposal section in this issue.**

MANTECA, San Joaquin Co., Cal. — South San Joaquin Irrigation District vote bonds of $550,000 to finance concrete lining of district canals.

TERRA BELLA, Tulare Co., Cal.—Unatil 10:30 A. M., Nov. 6th, bids will be received by Terra Bella Irrigation Dist. (E. R. Clemens, Secy.) for furnishing and erecting one 5000 bbl. stand pipe at Delta. 4. for the district. The foundation work will be done by the owner. Cert. chk., 10%.

LIGHTING SYSTEMS

SAN MATEO, San Mateo Co., Cal.—Seth Cohn, San Mateo, at $3621 awarded contract by city trustees to install 24 c. i. single lamp electroliers in portions of B St., complete with globes, sockets, lamps, etc., set on conc. bases, lay underground galv. iron and insulated copper wires in one circuit.

LOS ANGELES, Cal.—Paulson Constr Co., 514 Detwiler Bldg., submitted low bid to Bd. Pub. Wks. at $11,474 to install ornamental lighting posts and appliances in Hollywood Blvd., bet. Orchid and La Brae Aves. Other bids were Newberry Electric Corp., $11,600; So. Cal. Electric Co., $12,888.

Paulson Constr. Co., low bid to board of public Works at $38,874 to install ornamental lighting system in Sunset Blvd., bet. Sanborn Ave. and Sunset Dd. Other bids were: So. Cal. Electric Co., $39,877; Newberry Electric Corp., $41,-715.

GLENDALE, Cal—City council starts proceedings for ornamental lighting system in Colorado St. for its entire length except a portion et. Central Ave and Brand Blvd., as it was judged that the business men in the section might wish a more brilliant light. The standards will be of cast iron or pressed steel as manufactured by the Union Metal Mfg. Co. The design will be similar to that selected for Glendale Ave. Ben F. Dupuy, city engr.

REDLANDS, Cal.—Until 2 p. m., Nov. 7, bids will be rec. by city trustees for const. 14 post ornam. lighting system in E Fern Ave., bet. Myrtle and Cajon Sts.; 13 post system on Alvarado St., bet. Cypress and W Fern Aves.; 16 post system on Alvarado St., bet. W Fern and W Olive Aves.; 1911 Act. C. P. Hook, city eng.

FRESNO, Fresno Co., Cal.—Valley Electric Co., Fresno, at $43,000 awarded cont. by council to install 350 electroliers with conduits and appurtenances in portions of Broadway, N-Broadway, J St., Forthcamp, Wishon and Olive Aves., etc., and installation of conduits in portions of Belmont, Mildreda and Webster Aves All standards to be combination of c. i. and steel with single lamp globe. Standards to be set on cem. conc. base, 2 ft. deep and 2 ft. sq. Conduit to be galv. metal containing wire conductors.

RIVERSIDE, Cal.—Until 9:30 a. m., Nov. 13, bids will be rec. by council to const. electric lighting system on Market St., bet. 4th St. and 70 ft. s. of 14th St. Cert. check 10%. C. B. Burns, city clerk.

MACHINERY & EQUIPMENT

LONG BEACH, Cal.—City Mgr. C. H. Windham states city will be ready to purchase materials for the municipal gas plant by Nov. 1. Meanwhile if the Southern Counties Gas Co. accepts the council's offer of $1,650,000 for its Long Beach system, the city's plan will be changed to conform with the use of the old lines. H. W. Burkhart has been engaged as engr. on construction of the municipal system. He was for six years supt. of the Long Beach plant before taken over by the Southern Counties company.

WALLACE, Calaveras Co., Cal. — Hesperides Mining Co., 130 North California St., Stockton, plans installation of crusher at commercial gravel plant. H. B. Patterson, Stockton mining engineer, interested in company.

SACRAMENTO, Cal.—Until Nov. 12, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, for fur. and del. surveying equipment for Junior high school. Complete lists of materials desired obtainable from office of Board of Education, 301 City Hall.

AWARD

SAN FRANCISCO—Stuart S. Smith, 625 Market St., San Francisco, at $7200 awarded cont. by council to fur. and del. motor driven street sweeper.

SAN BERNARDINO, Cal. — Until 10 a. m., Nov. 13, bids will be rec. by supervisors for one three-wheel, single-cylinder gas motor road roller, weighing not less than 25,000 lbs. f. o. b. yards San Bernardino. Cert. check 2%. Harry L. Allison, clerk.

MERCED, Merced Co., Cal. — Until Nov. 20, 2 p. m., bids will be rec. by A. L. Cowell, secretary, Merced Irrigation District, for fur. and del. Exchequer two sluice gates, 277 static head operated under 100-ft. and of from 28 to 30-ft. to discharge 6-ft. dia. sluiceway, for Exchequer dam. Starr, Thebo, Anderton, engineers, Sharon Bldg., San Francisco. **See call for bids under official proposal section in this issue.**

RAILROADS

CALIFORNIA—Santa Fe Railway Co. announces program to spend approximately $60,000,000 in construction and purchase of new equipment. Pacific Coast construction projects contemplated include:

Enlargement of Alice street wharf, Oakland, and addition to twenty or more tracks.

New car barge costing $200,000, in addition to purchase of the tug Basford costing $65,000.

New facilities for shops, freight and storage yards to take care of the new rolling stock.

Bakersfield, additional trackage and terminal facilities to cost $120,000.

Barstow, new trackage and shops, $75,000.

A two and a half-mile extension. Bakersfield to Kern Junction, cost $125,000.

In the southern part of the State, a twelve-mile extension from El Segundo to Wilmington, together with enlarged harbor works. $2,000,000.

San Bernardino shops will have more than a $500,000 program of additions.

New equipment includes 3000 box cars, 2000 refrigerator cars, 1000 auto cars, 500 stock cars, 500 coal cars, 150 caboose cars, 8 buffet library cars and 59 locomotives. Nearly all of this new rolling stock has been delivered and is in use.

SAN BERNARDINO, Cal.—Santa Fe Ry. has appropriated approx. $2,800,000 for its 1924 building program, which includes a boiler shop, with tank shops and stripping pit appurtenances, 600x 150 ft.; extension for the erecting shop, including the adding of eight stalls for locomotives; extension of 200x195 ft. on the machine shop unit; installation of a new transfer table serving the erecting and boiler shops; steel sheds, flue shops and corresponding appurtenances to the principay units; razing the old boiler and erecting shops and the consolidation of various smaller units.

LOS ANGELES, Cal.—Until 2:30 p. m., Nov. 9, bids will be rec. by harbor comm., 312 Byrne Bldg., for single slip switch crossing under spec. 543. Guy W. Wade, secy.

FIRE EQUIPMENT

SAN LUIS OBISPO, Cal. — Eureka Mills at $1.40 ft. awarded cont. by council to furnish 400 ft. Paragon fire hose and U. S. Rubber Co., for 600 ft. Wawona hose at $.90 ft.

SAN LUIS OBISPO, Cal.—Following bids taken under advisement by council for fur. 1000 ft. 2½-in. double jacket fire hose complete in 50-ft. lengths with couplings:

C. H. Reed Co., San Luis Obispo, 2½-in. Victor jacket coupled, 50-ft. lengths with heavy expansion rings, $1.10 ft; 2½-in. Guardian hose, $.95 ft.

American Rubber Mfg. Co., 1000 ft. Wawona Brand, $.90 ft; 400 lbs guaranteed 4 years.

U. S. Rubber Co., (Eureka Fire Hose Dept.); 1000 ft. Paragon, 3 ply multiple $1.40 ft.; Trojan Jacket, $1.20; Blue Queen jacket, $1.10; Northern Jacket, $1.00; Pacific Jacket, $.90; Specificative Jacket, $.75; all 400 lbs. guaranteed 3 years.

Taken under advisement. Callie M. John, city clerk.

STOCKTON, San Joaquin Co., Cal.—American La France Fire Engine Co., awarded contract by city council to furnish one city service truck, at $10,-000; 75-ft. aerial ladder, $16,000 and 2 pumping engines at $13,500 each. Total $51,500.

RESERVOIRS AND DAMS

CALIFORNIA—See "Power Plants," this issue.

KINGMAN, Ariz.—A Co-operative association of landowners in the Wallapai Valley, east of Kingman, is building a dam to irrigate 2000 acres. A Los Angeles firm of engrs. are said to have planned the dam and diversion works, and are now surveying for the canal.

MERCED, Calif.—Plans and specifications are on file in the office of Building & Engineering News, 818 Mission St., San Francisco, for the Exchequer Dam, bids for which will be opened by the directors of the Merced Irrigation District, November 8. These plans and specifications are opened for inspection by those interested in the project.

PHOENIX, Ariz.—Preliminary constr. work on the Mormon Flats dam has started, according to C. C. Cragin, gen. supt. of the Salt River Valley Water Users' Assn. The dam will be 320 ft. long at the top, 27 ft. thick at the base and 90 ft. long at the river bottom, total capacity, 100,000 reserve acre ft. water. Pouring of conc. will start Nov. 15. Est. cost, $1,200,000.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. 24 VAN NESS AVENUE
Junction Valencia Phone Market 8926 Near Market

LOS ANGELES, Cal.—Public service commission adopts resolution authorizing Chief Engr. Wm. Mulholland to make preliminary surveys to determine the feasibiltiy and approx. cost of constructing an aqueduct to bring 1000 sec. ft. water from the Colorado river, in connection with the Boulder Dam project.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Western Pipe & Steel Co., 444 Market St., San Francisco, awarded contract by Associated Oil Co., at $205,800 to construct six 80,000-bbl. steel tanks at Avon.

SAN FRANCISCO—Tibbitts-Pacific Co., 16 California St., San Francisco, at $238,700 submitted low to State Bd. of Harbor Commissioners to construct subway under Ferry Loop at the foot of Market Street, San Francisco. Other bidders were: Louis J. Cohn, $270,000; Healy-Tibbits Construction Co., $280,000; Clinton Construction Co., $309,000 and J. T. and A. Walsh, $349,750. Subway will provide tunnel 22-ft. wide and 13 ft. high with two traffic paths. Construction will be of reinforced concrete with some steel. Bids have been referred to Frank G. White, chief engineer of the Commission, for report.

SAN FRANCISCO—Board of Supervisors votes to proceed with preliminary plans for Duboce avenue and Eureka Valley tunnel project. M. M. O'Shaughnessy, City Eng.

SAN FRANCISCO, Cal.—The Tibbitts-Pacific Company, 16 California street, has been awarded a contract by the State Board of Harbor Commissioners, for the construction of a reinforced concrete and steel subway under the Ferry Loop at the Embarcadero at the foot of Market street. Contract price, $238,700. Plans were prepared by Frank G. White, Chief Engineer of the Commission.

WATER WORKS

PORT ANGELES, Wash. — Surveys, plans and estimates are in progress for acquiring new water supply from Morse Creek; also on appraisal of the present privately owner water plant with a view of purchase by the city, is also in progress. Estimated cost of improvements approximately $500,000.

GLENDALE, Cal.—Surveys, plans & estimates in progress for interceptng sewer and trunk line sewers and trunk line sewers. Approximate cost $1,000,000.

BERKELEY, Cal—Preliminary plans estimates and report on improvements to secure better fire protection have been completed. Estimated cost $400,000.

REDWOOD CITY, San Mateo Co., Cal. —City trustees will shortly ask bids for purchase of $30,000 bond issue to purchase privately owned water works system to operate as municipal project.

PASADENA, Cal.—Burns & McDonnell Engineering Company have been employed to take charge of the supervision of the control of the sewage disposal and plan the necessary improvements for proper operation until completion of the new activated sludge plant now under construction.

TERRA BELLA, Tulare Co., Cal. — Until Nov. 6, 10:30 a. m., bids will be rec. by Earle R. Clemens, secy., Terra Bella Irrigation District, to furnish and erect one 5000-bbl. stand. pipe. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Byron Jackson Pump Mfg. Co., 303 E 3rd St., submitted low bid to public service comm. at $1160.75, for deep well turbine pump under spec. 693. Other bids were: Johnston Pump Co., $1451.80; Frank J. Kimball Co., $1570.

PLAYGROUNDS AND PARKS

BAKERSFIELD, Kern Co., Cal. — No bids rec. by Kern County Union High School District to install lawn sprinkling system at high school grounds and local plumbers will be asked to submit informal bids on the work; est. cost $2000.

RICHMOND, Contra Costa Co., Cal.—A. C. Faris, city clerk, instructed to advertise for bids for fill for Elm and Nicholl Parks; est. cost $1500.

SACRAMENTO, Cal.—City Park Department will plant shade trees in all streets in residential, work to be done at cost to property owners. F. N. Evans is city superintendent of parks.

RICHMOND, Contra Costa Co., Cal.—City council, A. C. Faris, clerk, contemplates purchase of trees and shrubbery for Nicholl Park; est. cost $4000. Carol Arnovici is city planning expert.

MAYFIELD, Santa Clara Co., Cal.—Town trustees will call election to vote bonds of $6500 to improve Peers Park as community center. Trustees also contemplate construction of municipal swimming pool.

FIRE ALARM SYSTEMS

SACRAMENTO, Cal.—Until Nov. 19, 10 A. M., bids will be rec. by Harry W. Hall, County Clerk, to install burglary alarm system in office of county treasurer. Cert. check 10% payable to Chairman of Board of Supervisors req. Spec. obtainable from County Engineer's Office. **See call for bids under official proposal section n this issue.**

SEWERS & STREET WORK

LYNWOOD, Cal.—Until 8 p. m., Nov. 7, bids will be rec. by city trustees to imp. Agnes St., Cedar Ave., etc., involv. approx. 343,000 sq. ft. grading; 47,850 sq. ft. oiling; 295,150 sq. ft. 4-in. oil macad; 30,750 sq. ft. gutter; 29,290 lin. ft. curb and 116,850 sq. ft. sidewalk. 1911 Act and 1915 Bond Act. E. M. Lynch, Central Bldg., Los Angeles, engineer.

BAKERSFIELD, Kern Co., Cal. — Union Paving Co. (J. F. Dowling) Bakersfield, at $73,000 awarded contract by council to pave 21st St., bet. M and S Sts., includ. const. of curbs and gutters.

COLTON, Cal.—Council declares inten. to imp. Eighth St. and O St. and portions of other strects, by removing cem. conc. pavement, grade and pave with 5-in. Willite pavement, constructing curbs and walks; 1915 bond act. Olive Phillips, city clerk.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., submitted low bid to Bd. Pub. Wks. at $51,952 to imp. Denison Ave., bet. 26th and 36th Sts., involv grading $7311 (lump sum); 114,880 sq. ft. cem. conc. paving (incl. appurtenant bitum. base) 21.3c ft.; 6275 ft. curb 70c ft.; 36,081 sq. ft. walp 21c ft.; $1350 san. sewer; 5075 ft. hse. sewers $1.35 ft. Other bids were: Henry Leonardt, $55,918.26; Geo. R. Curtis, $60,231; Gibbons & Reed Co., $65,974.44.

VISALIA, Tulare Co., Cal. — City trustees postponed action on opening bids to imp. portions of W Center, N Giddings, Hall Ave., etc., from Oct. 29, to Nov. 5, pending the hearing to be held Nov. 3 on temporary injunction against proceeding with proposed work. Project involv. 4631 cu. yds. cut; 227 cu. yds. grading, fill; 212,757 sq. ft. pavement, 4-in. base and 1½-in. Warrenite-Bit. wearing surface; 2731 lin. ft. conc. curb; 7785 lin. ft. conc. gutter; 172 lin. ft. culvert, part circle; 507 sq. ft. alley approaches; 4 culvert manholes; 460 lin. ft. storm sewer, 8-in. vit. pipe including 2 8x4 wye branches; 780 lin. ft. storm sewer 10-in. vit. pipe, including 4 10x4 wye branches; 1 storm sewer manhole; 6 catchbasins; 860 lin. ft. header boards to be left in place. L. H. Gadsby, city eng.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., awarded private contract by D. Herbert Hostetter for imp. East 9th St. and a portion of Downey Rd., in the Hostetter tract, approx. 4000 lin. ft. involv. 152,000 sq. ft. paving consisting of 6-in. conc. base, asph. paint binder, and 2-in. asph. wearing surface.

GUADALUPE, San Luis Obispo Co., Cal.—Oakland Sewer Constructing Co., 1003 85th Ave., Oakland, at $16,750 awarded cont. by Golden State Milk Products Co., and town of Guadalupe to const. approx. 3½-mi. 10-in. and 12-in. sewer. Burch and Beck engineers, San Luis Obispo.

VISALIA, Tulare Co., Cal.—City trustees contemplate eqtension of sewer system in Evers Tract and Sierra Vista tract. L. H. Gadsby, city eng.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E. 26th St., submitted low bid to Bd. Pub. Wks. at $71,256 to pave Melrose Ave. bet. Vermont and Western Aves., involv. grading $7500 (lump sum); 342 sq. ft. asph. paving 30c ft.; 109 sq. ft. cem. conc. paving 30c ft.; 646 sq. ft. Warrenite-bitul. paving 10c ft.; 180,090 sq. ft. 6-in. bitum. base paving 22.75c ft.; 9513 ft. curb 65c ft.; 44,710 sq. ft. walk 20c ft.; 10,800 sq. ft. gutter 30c ft.; catch basins $600; reinf. conc. culvert, $2700; 394 ft. hse sewers $1.50 ft.; 3278 sq. ft. 2-in. bitum. paving 10c ft.

SAN LUIS OBISPO, Cal.—City Eng. Roselip completing spec. for Monterey Street storm drain; est. cost $38,000.

SAN FRANCISCO—M. Bertolino, 32 Shotwell St., at $1,521.10 submits low bid to Bd. Pub. Wks. to imp. Ellsworth St. from Powhattan and pt. 363 ft. northerly, involv. 24 lin. ft. 12-in. and 327 lin. ft. 8-in. sewer; 2 br. manholes and 26 8-in. wye branches. Jas. T. Tobin, bid $1,598.63 and C. B. Eaton $1,591.90.

OAKLAND, Cal.—Oakland Paving Co., 5000 Broadway, Oakland, awarded cont. by council to imp. 90th Ave., bet. E-14th and D Sts., involv. grade, $.035 sq. ft.; conc. curb, $.75 lin. ft.; conc. gutter, $.25 sq. ft.; bit. conc. pave., $.19 sq. ft.; corru. iron and conc. culvert, $6.30 lin. ft.; c. i. handhole, $25 ea.; 14-in. vit. pipe condunt, $3.20 lin. ft., and 12-in. $2.80 lin. ft.; wooden culvert, 10 ft. wide, $15.00 lin. ft.; wing walls, $30 each; 6x20 in. wood culvert, $3.00 lin. ft.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

OAKLAND, Cal.—City council, E. K. Sturgis, Clerk, declares inten. to const. cem. conc. sidewalks in portions of Excelsior Ave., S E of Haddon Rd. 1911 Act. Protests No. 15. W. W. Harmon, City Eng.

MARYSVILLE, Yuba Co., Cal.—Hughes & Murphy, Marysville, at $.64 cu. yd. awarded cont. by supervisors to const. grade across Plumas Lake on Feather River Blvd.

RIVERSIDE, Cal.—Council declares inten. to const. sewer in a portion of East 14th St., High St., Bowie Ct. and Langston Pl.; 1911 Act. C. B. Burns, city clerk.

SAN RAFAEL, Marin Ca., Cal.—City vote bonds of $100,000 to finance street paving program. H. K. Brainerd, City Eng.

SISKIYOU, Co., Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Nov. 13, 2 p. m., to grade and surface with crushed gravel or broken stone, 9.8 mi. of highway in Siskiyou county, bet. 2-mi. south of Hornbrook and Oregon State Line. Project involv. 122,900 cu. yds. excavation without classification; 37,000 sta. yds. overhaul; 2100 cu. yds. structure excavation without classification; 19,-100 cu. yds. crushed gravel or broken stone surface; 700 cu. yds. class A Portland cement concrete (culverts & monuments); 400 lin. ft. 12-in., 3400 lin. ft. 18-in. and 600 lin. ft. 24-in. corru metal pipe; 132 monuments. Commission will furnish corru. metal pipe.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, declares inten. to imp. 2nd St., bet. Empire and Taylor Sts., involv. grade; pave with 1½-in. "Durite" asph. conc. surface on 3-in. "Durite" asph. conc. base; hyd. cem. conc. curbs and gutters; 2 br. catchbasins; 8-in. vit. pipe drains 1911 Act & Bond Act 1915. Protests Nov. 12. Wm. Popp, City Eng.

CALIFORNIA—Harvey M Toy, chairman of the State Highway Commission, reports plans and specifications for state highway projects in the northern section of the state are in the following stages:

Sacramento river to Bayha (ten miles), specifications being prepared for contract before January 1st; widening and paving.

Bayha to Pollock (eleven miles), specifications being prepared for contract before January 1st; reconstruction and widening; grade and crushed rock surface.

Pollock to Siskiyou county line near Dunsmuir (thirty-eight miles), surveys in progress for grade reconstruction; will be advertised for contract during next year. Resurfacing with crushed rock by day labor will proceed this winter to repair present surface temporarily.

Shasta river to Gazelle (eight miles), surveys authorized for reconstruction and widening. Present rock surface to be repaired before next season.

Gazelle to Yreka (seventeen miles), under contract for grading, and gravel surface will be completed this winter.

Yreka to Klamath river (fifteen miles), surveys under way for reconstruction.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, Clerk, declares inten. to imp. 3rd St., bet Empire and Taylor Sts., involv. grade; pave with 1½-in. "Durite" asph. conc. surface on 3-in. "Durite" asph. conc. base; hyd. cem. conc. curb and gutter; 1911 Act & Bond Act 1915. Protests No. 12. Wm. Popp, City nEg.

SAN GABRIEL, Cal.—H. R. Erdman, 1700 S. 3rd St., Alhambra, awarded contr. by city trustees to imp. St. Francis St., bet. Los Tunas Dr. and Broadway, involv. 2838 Ft. curb, 55c ft.; 14,185 sq. ft. walk, 17c ft. Other bids were: E. H. Walters, 60c curb; 19.5c walk; E. F. Cook, 60c curb; 18c walk; E. L. Phillips, 57c curb; 18.25c walk.

Chesson, Yuba City, at $2.46 cu. yd. awarded cont. by supervisors to gravel various county roads, approx. 2500 cu. yds. in all.

MARYSVILLE, Yuba Co., Cal.—Hemstreet and Bell, Marysville, at $2.50 cu. yd. awarded cont. by supervisors to grade and gravel county road extendilng from Hammonton rd. at center of Sec. 21 of Township 14, N. R. 4 E., M.D.B. and M North to base of Linda Levee.

OAKLAND, Cal.—Until Nov. 8, 11:30 a. m., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of 4th St., involv. grade and pave; construct curbs and gutters. 1911 Act. Cert. chk. 10% payable to city rek. W. W. Harmon, city eng.

OAKLAND, Cal.—W. J. Baccus, city commissioner of streets, recommends following improvements to be undertaken in immediate future: Seventh St outlet sewer to relieve the unsanitary condition waterfront outlets;East side sewer outlet to care for flood waters from north of the lake and Piedmont; Elmhurst district storm sewer to handle flood water from that district; pavement of East 14th St.; Fruitvale Ave. main outlet sanitary sewer to care for the increased population in the upper Fruitvale district; Fruitvale Ave. culvert from the tidal canal to the Southern Pacific railway right of way to take the place of the box culvert which Baccus says is dangerous; the Yerba Buena intercepting sewer to relieve the sewer condition in North Oakland.

IMPERIAL COUNTY, Calif. — Until Nov. 26, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with gravel, 3.9-mi. of highway in Imperial county bet. Westmoreland and pt. 4-mi. west. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

PASADENA, Cal.—Until 10 A. M., Nov. 13, bids will be rec by City Clerk Bessie Chamberlain to const. sewer system in Linda Vista St., Ontario Dr., Banyan, Lewis, Bryant, Yocum, Lida, Afton, Madia, Laurel, El Mirador, Wicks, Wabash and Charles St., requiring about 8232 ft. 8-in. vitrified stit-glazed pipe; 117 ft. 10-in.; 239 ft. 12-in.; 911 ft. 14-in.; 1697 ft. 15-in.; 6213 ft. 16-in.; 3602 ft. 18-in. and a quantity of 20-in; 99 manholes; 17 flush tanks and 966 4-in. wye branches.

Separate bids to const. 8-in. vitrified pipe sewer in Palm Terrace from Belvedere to Claremont Sts.

Separate bids to const. 10-in. vitrified pipe sewer in Allen Ave. from Mountain Ave. to a point 812 ft. north.

MERCED, Merced Co., Cal. — City council, W. W. Cornell, clerk, declares inten. to imp. alley in Block 150 involv grade and pave with 4-in. hyd. conc. 1911 Act and Bond Act 1915. Protests Nov. 5.

SAN DIEGO, Cal.—City council approves plans to pave State St. up Reynard Way, through the Canyon, to Mission Hills and over a part of Goldfinch St.; plans call for 2152 ft. curb; 2040 ft. sidewalk; 185,091 sq. ft. 4-in. conc. paving with 2-in. wearing surface.

WATTS, Cal. — Council takes bids shortly to imp. under 1911 and 1915 bond imp. act:

Hickory St., involv. 71,651 sq. ft. 5-in. concrete.

Ruoff St., involv. 108,085 sq. ft. 6-in. concrete.

Randolph St., involv. 108,085 sq. ft. 6-in. concrete.

Elm St., involv. 72,328 ft. 6-in. conc.

Plans on file at office of city engr., L. D. House.

ENGINEERING, INDUSTRIAL, TECHNICAL & SCIENTIFIC BOOKS

TECHNICAL BOOK COMPANY

Mills Building -- San Francisco

Phone Garfield 19

REPRESENTING

D. Van Nostrand Co., John Wiley & Sons, Inc., J. B. Lippincott Co., Longmans, Green & Co.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. portion of Lyon Ave.; grade and pave; const. curbs, gutters and walks. 1911 Act. Protests Nov. 15. W. W. Harmon, city engineer.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares inten. (No. 1-D) to imp. Clark St., bet. Divisadero and Belmont Ave., grade; const. conc. curbs, gutters and walks; corru. metal culverts with manholes; pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface. 1911 Act & Bond Act 1915. Protests Nov. 15. Wm. Stranahan, city eng.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares inten (No. 2-D) to imp. Tulare St., bet. D & E Sts., grade and const. conc. curbs, gutters and walks; corru. metal culverts with manholes; pave with 4-in. asph. conc. base with 1½-in. asph. conc. top course with liquid asphalt and rock screening surface coat; alley driveways paved with 6-in. Port. cem. conc. 1911 Act & Bond Act 1915. Protests Nov. 15. Wm. Stranahan, city engineer.

FRESNO, Fresno Co., Cal. — City council, R. Y. St., George, clerk, declares inten. (No. 3-D) to imp. alley in Block 129, bet. Tuolumne and Stanislaus Sts. and alley in Block 336 bet. Calaveras and San Joaquin Sts. and alley in Block 344 bet. San Joaquin and Amador Sts., involv. grade and pave 18-ft. wide with 3½-in. asph. conc. base and 1½-in. Warrenite-Bitulithic surface. 1911 Act & Bond Act 1915. Protests Nov. 15. Wm. Stranahan, city eng.

STOCKTON, San Joaquin Co., Cal. — C. Moreing, Commercial Savings Bldg., Stockton, at $16,691 awarded cont. by supervisors to imp. Farmington rd., in Rd. Dist. 1, from Farmington to Stanislaus county line, approx. 19,717 feet.

C. Moreing, at $23,951 awarded contract to imp. Harney Lane rd., approx. 13,300 ft. and at $20,205 to imp. Naglee-Burk rd. and at $11,562 to imp. approx. 1½-mi. of Fairchild Lane.

STOCKTON, San Joaquin Co., Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, at $5238 awarded cont. by supervisors to fur. 2755 cu. yds. gravel, f. o. b. Holt Station.

SANTA ROSA, Sonoma Co., Cal.—Until Nov. 6, 8 p. m., bids will be rec. by Vida McL Doggett, city clerk, to imp. Beaver St., bet. Howard and Spencer Sts., involv. grade; pave with 6-in. water bound macadam; const. comb. conc. curb and gutter. Cert. check 10% payable to city req. Geo. F. Comstock, city engineer.

SANTA ROSA, Sonoma Co., Cal. — Until Nov. 6, 8 p. m., bids will be rec. by Vida McL Doggett, city clerk, to imp. King St., bet. Nason and Spencer Sts., involv. grade; pave with 6-in. water bound macadam; const. comb. conc. curb and gutter. Cert. check 10% payable to city req. Geo. F. Comstock, city engineer.

LYNWOOD, Cal.—Hall-Johnson Co., P. O. Box 51, Lynwood, awarded contr. at $5829 to pave south roadway of Fernwood Ave., involv. 77,700 sq. ft. grading 3c ft., 77,700 sq. ft. oil 4.5c ft.

Hall-Johnson Co. awarded contr. at $39,655 for paving Lynwood Rd., Louise St. and other sts., involv. 130,600 sq. ft. grading 3c ft; 15,800 sq. ft. oil 4.5c ft; 114,800 sq. ft. 4-in. oiled macad 13.5c ft.; 46,860 sq. ft. walk 18.75c ft.; 11,700 ft. curb 60c ft; 12,100 sq. ft. gutter at 27.5c ft.

EUREKA, Humboldt Co., Cal.—Until Nov. 6, 8 p. m., bids will be rec. by A. Walter Kildale, city clerk, to const. 6-in. vitrified soft glazed pipe sanitary sewer in Fairfield st. north of Harris. Cert. check 10% payable to city req. J. D. Hannah, city eng.

SAN FRANCISCO—Board of Public Works rejects bids to imp. Landers St. bet. 15th and 16th Sts., 520 lin. ft. conc. curb; 395 lin. ft. conc. wheel guard; 10,425 sq. ft. asph. conc. pave; 2680 sq. ft. art. stone walks. Raisch Imp. Co. was low bidder at $4853. Bids have been ordered re-advertised to be opened Nov. 14, 3 p. m.

Architects—Engineers—City and County Officials

How about bids wanted?

Are you satisfied with the bids you received on that last job?

Did you have competition—and plenty of it? If not—why not?

Without charge the BUILDING & ENGINEERING NEWS will place your job before the construction interests of the Pacific Coast. That means competition and—competition means the lowest possible bid.

If you want competition send particulars of your job to BUILDING & ENGINEERING NEWS—also a set of plans and specifications.

Reach the *Independent Bidder* through the columns of BUILDING & ENGINEERING NEWS

The combined news services of BUILDING & ENGINEERING NEWS have a circulation of

2804

—reaching the Engineer, Contractor and Material Dealer.

Can you reach one quarter the amount of interested people through any other news service published in this section? We think not—in fact, we know you cannot.

If you want *competition*—if you want *independent* contractors to figure your job—if you want the *lowest possible bid*—send particulars of your project to

Building & Engineering News

SAN FRANCISCO—Raisch Imp. Co., 46 Kearny St., San Francisco, at $3203 awarded cont. by Bd. Pub. Wks. to imp. west ½ Wets Portal Ave., bet. 15th and St. Francis Circle (where not), involv. 432 lin. ft. conc. curb and $9504 sq. ft. asph. conc. pave.

VENTURA, Cal. — Southwest Paving Co., 806 Washington Bldg., Los Angeles, awarded contr. by supervisors at $70,236 to pave Santa Paula-Ojai road, from Sulphur Mountain Springs to Sulphur Mountain Rd., involv. 6000 cu. yds. excav. 65c yd; 21,764 lin. ft. shaping and rolling 20c ft.; 348,224 sq. ft. 5-in. asph. conc. pavement 17.8c ft; (bid of 14.8 sq. ft. for 4-in. pavement).

OROVILLE, Butte Co., Cal.—County supervisors contemplate construction 1-mi. of new road from Meridian road east and a 1-mi. stretch running east from Meridian rd. Harry H. Hume, county road engineer.

TRINITY COUNTY, Calif. — Following bids rec. Oct. 29 by State Highway Comm., Forum Bldg., Sacramento, to surface with gravel of broken stone, 11.1 mi. in Trinity county, bet. 2-mi. south of Weaverville and Tom Long Gulch, involv. approx. 17,200 cu. yds.: Englehart Paving & Const.

Eureka	$68,800
Kaiser Paving Co., Oakland	69,832
Engineer's estimate	27,840

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy completes spec. to sewer Brunswick St., bet. Curtis and Pope Sts., etc., involv. 30 lin. ft. 12-in. and 442 lin. ft. 8-in. pipe sewer; 19 8-in. wye branches; 3 br. manholes.

LOS ANGELES, Cal.—Bids will be asked by Bd. Pub. Wks. shortly to imp. Figueroa St., bet. Manchester Ave. and 120th St., 13,142.74 lin. ft. are: 786,105 sq. ft. 6-in. cem. conc. paving; 21,232 lin. ft. curb; 63,746 sq. ft. walk; 34,240 sq. ft. 2-in. bitum. base paving.

MERCED, Merced Co., Cal. — City trustees, W. W. Cornell, clerk, declares inten. to imp. alley in Block 105, involv. grade and pave with 4-in. hyd. conc. 1911 Act & Bond Act 1915. Protests Nov. 5.

BURBANK, Cal.—Bids rec. by city trustees for sewer pipe were:

Tropico Potteries, Inc. (vit. pipe) — 8325 ft. 8-in. at 25c ft.; 8775 ft. 10-in. at 35c ft.; 6850 ft. 12-in. at 45c ft.; 2050 ft. 18-in. at $1.05 ft.; 3825 ft. 21-in. at $1.45 ft.; 138,600 ft. 6-in. at 19c ft.

Pacific Clay Products Co. (vit. pipe) —(a) 8-in. 27.5c ft.; 10-in., 38.5c ft.; 12-in., 49.5c ft.; 18-in., $1.15 ft.; 21-in. $1.54 ft.; 6-in., 19.25 ft.

Bent Conc. Pipe Co. (conc). pipe) — 8-in. 26c ft.; 10-in., 35.5c ft.; 12-in., 46.5c ft.; 18-in., 98c ft.; 21-in., $137 ft; 6-in. 19.5c ft.

Taken under advisement.

SANTA CRUZ, Santa Cruz Co., Cal.—City council petitioned to pave Pacheco avenue with 6-in. concrete. Referred to city eng. for report.

WHITTIER, Cal.—Griffith Co., 502 L. A. Ry Bldg., Los Angeles, awarded cont. by city trustees at $6613 for paving Gregory Ave., bet. Hadley and Bailey Sts., invoiv 22,400 sq. ft. grading at 6c ft.; 22,400 sq. ft. asph. conc. paving at 22c ft.; 619 ft. curb at 55c ft.

Griffith Co. awarded cont. at $6493.11 for paving Citrus Ave., bet. Hadley and Bailey Sts., involv. 17,413 sq. ft. grading 6c ft.; 17,413 sq. ft. cem. conc. paving 26c ft.; 1262 ft. curb 55c ft; 1077 sq. ft. walk 21c ft.

Griffith Co. awarded cont. at $11,316 to pave Whittier Ave., bet. Bailey and Philadelphia Sts., involv. 25,380 sq. ft. cem. conc. paving 26c ft; 1174 ft. curb 55c ft; 7303 sq. ft. walk 21c ft.

BAKERSFIELD, Kern Co., Cal. — Until 10 a. m., Nov. 13, bids will be rec. by supervisors to imp. certain roads in Rd Imp. Dist. No. 26, bet. Weed Patch and Arvin, 9.129 mi., involv. 38,400 cu. yds. excav.; 890,724 sq. ft. 6-in. pavement with 4-in. bitum. base and 2-in. topeka top; 3 galv. corru. iron culverts; 97,200 lin. ft. 2x3-in. Oregon pine headers. Deposit of $10 required for plans and spec., obtainable from Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles.

SAN DIEGO, Cal. — Geo. R. Daley, 4430 Boundary St. submitted low bid to council at $29,995 to imp. Ray, Dwight and Wightman Sts., involv. (1) 60,047.6 sq. ft. 1½-in. asph. conc. surface on 5-in. cem. conc. base 24.7c ft.; (2) 61,902.4 sq. ft. 1½-in. asph. conc. surface on 4-in. cem. conc. base 20.9c ft.; (3) 1243.76 lin. ft. cem. conc. curb 67c ft.; (4) 5502.6 sq. ft. cem. walk 24c ft.; (5) one 4-in. cem. conc. sewer lateral $33; (6) one 6-in. cem. sewer lateral $38.50. Griffith Co. bid (1) 25.3c; (2) 22.6c; (3) 67c; (4) 25c; (5) $35; (6) $40; total, $31,465.95.

Bids rec. to imp. 1vy, Fern, and 31st Sts. were:

Griffith Co., 25 14th St.—(1) 85,513.3 sq. ft. paving with 1½-in. asp.h conc. surface on 4-in. cem. conc. base 21.5c ft.; (2) 2256.3 sq. ft. cem. malk 22c ft; (3) 360 ft. curb 67c ft.; (4) excav. $32.60; (5) fill $19.62; (6) miscellaneous $$388.47.

Geo. R. Daley bid (1) 21.5c; (2) 23c; (3) 67c; (4) $45.64; (5) $196.20; (6) $363

LONG BEACH, Cal. — C. S. Tomich, 425 N Fremont, Los Angeles, and Dan Zakairch, 621 N Richards St., Los Angeles, submitted identical bids to city council at $78,000 to const. cem. conc. pipe sewer in Anaheim, Daisy, Loma Vista and other streets. Other bids were: Mike Guho, $79,000; Robt. H. Slickinger, 350 Merrick St., Los Angeles, $88,975.71. R. D. Van Alstine, city engineer.

SAN DIEGO, Cal.—Calif. Constr. Co., Union Bldg., awarded cont. by council to imp. Granada Ave., 29th, Dale and Palm Sts. and alley in blk 1, Blair's Highlands, involv. 215,143.12 sq. ft. paving with 2½-in. bitum. base, with 1½-in. Warrenite bitul. surface, 22c; 9580.8 sq. ft. paving with 4-in. cem. conc. 21.75c; 1070.98 lin. ft. cem. conc. curb 80c; 1103.03 sq. ft. cem. conc. sidewalk 25c; three 4-in. cem. conc. sewer laterals $35; excavation, $342.90; fill $2

Geo. R. Daley, 4430 Boundary St. awarded cont. to imp. Elm and 31st Sts., involv. (1) 11,161.6 cu. yds. excav. $1.90 yd.; (2) 9906.1 cu. yds. earth embank. 60c yd.; (3) 22,699.62 sq. ft. cem. conc. walk 23c ft.; (4) $4874.9 ft. curb 70c ft.; (5) 160 ft. timber trestle bridge with conc. footings $5850; (6) 2272 sq. ft. conc. gutter 30c ft; (7) 3 culverts complete, $1675; (8) 2 catchbasins complete, $300.

H. G. Fenton bid (1) $1.90; (2) 50c; (3) 26c; (4) 72c; (5) $7900; (6) 29c; (7) $2670; (8) $800.

INGLEWOOD, Cal.—J. L. McLain, Inglewood, awarded contr. by city trustees at $91,143.83 for imp. various streets in Sidewalk Dist. No. 4 (Fair View Hts., northeast part of city), involv. approx. 573 720 sq ft. grading; 115,590 sq. ft. 6-in. cem. conc. pavement; 106,550 sq. ft. 2-in. macad. pavement with 4-in. edges; 83,980 sq. ft. oiling; 98,059 sq. ft. sidewalk and 21,660 lin. ft. curb.

Goff & Sparks awarded contr. at $8048.16 to pave Cedar Ave. 1 block, involving 5-in. macad., curb and walk.

J. L. McLain, Inglewood, was awarded contr. at $4,465 to pave a portion of Damask Ave. and Manor Dr., 1650 lin. ft. (on one side of street only), involv. 1-in. macad., curb and walk.

SANTA CRUZ, Santa Cruz Co., Cal.—No bids rec. Oct.] 25 by county supervisors to imp. road beg. in middle of Division St., at Schwan's station, on Union Traction Rlwy; thence east along Division St., to East Cliff Dr.; thence south and s.e. along E-cliff Dr. to west end of bridge over Corcoran's lagoon. Work will be done by county. Lloyd Bowman, county surv.

REDWOOD CITY, San Mateo Co., Cal. —City Trustees will shortly ask bids for purchase of $10,000 bond issue to finance construction of Bradford street sewer. C. L. Dimmitt, City Eng.

MILL VALLEY, Marin Co., Cal.—Women's Club of Mill Valley back movement for organization of sanitary district, following organization, the district to vote bonds to finance construction of adequate sewer system from the town to Richardson's Bay.

STOCKTON, San Joaquin Co., Cal. — City council, A. L. Banks, clerk, declares inten. to imp. portions of Worth, E-Worth, Milton and E-Anderson Sts., grade; const. comb. conc. curbs and gutters; pave with 4-in. crushed rock base after full compression and 2-in. asph. conc. wearing surface; concrete walks. 1911 Act & Bond Act 1915. Protests Nov. 19. W. B. Hogan, city eng.

SOUTH PASADENA, Cal.—Pasadena Paving Co., 58 S. Fair Oaks Ave., Pasadena, submitted only bid to city trustees to pave:

Fell St., involv. 14,000 sq. ft. 3-in. macad. at 13.9c sq. ft.; 30 ft. curb at $1 ft.; 175 sq. ft. gutter at 30c ft.

Bank St., involv. 10,885 sq. ft. 3-in. macad. at 13.9c sq. ft.; 30 ft. at $1 ft.; 175 qs. ft. gutter at 30c ft.

Raymond Lane, involv. 18,200 sq. ft. 3-in. macad. at 13.9c sq. ft.

Bids were rejected. R. V. Orbison, City Engr. Nettie A. Hewitt, City Clk.

NEWPORT BEACH, Cal.—California Constr. Co., Union Bldg., San Diego, awarded contr. by City Trustees at $276,506.21 for imp. Ocean Blvd. and certain other streets, involv. 147,644 sq. ft. 6-in. clay and gravel surface, incl. grading; 16,680 sq. ft. 5-in. concr. pavement, incl. grading; 152,080 sq. ft. 6-in. concr. pavement, incl. grading; 212,354 sq. ft. 8-in. concr. pavement, incl. grading; 20,200 lin ft. concr. curb; 101,767 sq. ft. concr. sidewalk; 15,115 lin. ft. ¾-in. shearidized iron conduit, with one No. 6 lead covered cable; 1460 lin. ft. 1½-in. shearidized iron conduit with two No. 6 lead covered cable; 104 granite concr. ornam. light posts compl. 4 concr. bases compl.; 11,380 lin. ft. 6-in standard steel pipe; 102 lin. ft. 10-in. standard steel pipe; 50 6-in. gate valves with manhole; 20 5-in. fire hydrants compl.; 10,037 lin. ft. 8-in. cem. pipe san. sewer; 5 standard junction chamber type A; 17 standard manholes, type D; 1 drop manhole, type C; 4 standard manholes, type E; 2 standard lampholes, type F; 7 standard flush tanks; 117 standard drops for house connections; 227 cem. pipe, 8x6-in. wyes; 855 lin. ft. 6-in. cem. pipe hse. sewers. Wells & Bressler, Santa Ana, bid $302,340.96. Engineer's estimates, $283,057.55. Paul E. Kressly, City Engr., 732 H. H. Hellman Bldg., Los Angeles.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

MERCED, Merced Co., Cal. — City rustees, W. W. Cornell, clerk, declare ntent to imp. alley in Block 104, involv grade to sub-grade; pave with 4-in. ıyd. conc. 1911 Act and Bond Act 1915. rotests Nov. 5.

SAN MATEO, San Mateo Co., Cal. — City trustees, E. W. Foster, clerk, declare inten. to const. 15-in. cem. conc. storm water drain and one 15-in. by 12-n. wye branch in A St. and the grounds of the Central Grammar School, extending from 2nd Ave. to San Mateo reek; catchbasins; 12-in. cem. conc. ewer, etc. 1911 Act. and Bond Act 1915. rotests Nov. 19. G. Stanley Whitehead, ity engineer.

EAST SAN DIEGO, Cal.—Calif. Contruction Co., Union Bldg., San Diego, ubmitted low bid to city trustees at 387,139 for Willite paving Dist. 69, ncluding El Cajon Ave., connecting the roposed city paving on that thoroughare with the state highway to the ast; two blocks each on six streets orth of El Cajon; Wabash and Mision Aves., bet. El Cajon and Univerity Aves. Calif. Willite Co. bid $395,-41.78.

SAN DIEGO, Cal.—V. A. Olson, 4153 lorida St., submitted low bid to counil at $14,103.94 for const. walk and urbs on various streets in Ocean each, involving 58,652.12 sq. ft. walk t 23.4c ft., 238 ft. 6-in. curb at 65c ft; 30.36 ft. 8-in. curb at 68c ft. Olaf Nelon bid 24c walk, 65c 6-in. curb, 70c -in. curb; total, $14,462.56.

Olaf Nelson, 1470 E St. low bidder at 9822.15 to imp. Felton St., involv. 3,-78.5 cu. yds. excav. at $1.19 yd; 2732.5 ı. yds. embank. at 19c yd; 12,791.4 sq. . cem. walk at 22c ft.; 2593.7 lin. ft. em. curb at 69c ft.; 6642.5 sq. ft. cem. utter at 25c ft.; culvert, $189; curb int, $35.

SAN DIEGO, Cal—City Council has dopted resolution of intention for nprovement of Falcon and Lewis Sts., t. Stockton Dr. and one alley, involvg 113,393 sq. ft. paving with 1½-in. sph. concr. on 2½-in. bitum. base; 72.34 lin. ft. of 8-in. cement concrete urb; 240.08 lin. ft. of 6-in. cement curb; 29.09 lin. ft. of 10-in. cement curb; 308 sq. ft. cement sidewalk, and other ionr incidentals; 1911 act; hearing rotests set of Nov. 26.

FRESNO, Fresno Co., Cal.—E. A. McIpin, Fresno, submitted low bid to ity Comm. at $1874 for improving Fishon, College, Van Ness Blvd., and oroa St., Fresno, involving 6031 ft. urb at 50c ft.; 24,857 sq. ft. walk at 3.8c sq. ft. Other bids were: Leo ardwell, Fresno, 55c curb; 18 9c walk; otal, $5029; Stewart & Bland, Fresno, 0c curb; 19.3c walk; total, $5099; M. adsen, Fresno, 52c curb; 19.5 walk; otal, $5160; Thompson Bros., Fresno, 7.9c curb; 50c walk; total, $12,536. ids taken under advisement until Nov.

FRESNO, Fresno Co., Cal. — W. F. anrahan, Brix Bldg., Fresno, submitd low bid to city comm. at $59,890 for ving McKinley Ave., involving 182,-0 sq. ft. grading at 5.8c sq. ft.; 144,-8 sq. ft. asph. paving at 21.7c ft; ,958 sq. ft. gutter at 33c ft; 6898 ft. rb at 65c ft; 25,132 sq. ft. walk at .5c ft.; 405 ft. 12-in. type A culvert $5.50 ft; 93 ft. 12-in. "B" culvert at .50 ft; 66 ft. 18-in. culvert at $6.50 ; 12 manholes at $25 each. Wm. ranahan, city engr. Other bids were: alifornia Road and Street Imp. Co., 0,663; Thompson Bros., Fresno, $60,-6.

BURBANK, L. A. Co., Cal—Gibbons & ed Co., 905 S Olive St., Los Angeles, bmitted low bid to city trustees Oct. for improving Verdugo Ave., bet. ive Ave. and west city limits of rbank, approx. 9300 ft., involving ading at 54c cu. yd., 6-in. cem. conc. ving, 18 ft. wide, at 24.75c sq. ft., lverts, $250; 6-in. wrought iron screw pe at $1.79 ft.; 4-in. pipe at $1.29 ft. her bids were:

Geo. A. Simpson—90c grading, 25.5c ving; $400 culverts, $1.85 6-in. pipe; .40 4-in. pipe.

Fleming Constr. Co. — 65c grading, c paving, $450 culverts, $1.85 6-in. pe, $1.50 4-in. pipe.

Peter L. Ferry—85c grading, 25c pavg, $1000 culverts, $1.95 6-in. pipe, .40 4-in. pipe.

SAN DIEGO, San Diego Co., Cal. — Plans have been prepared and res. of inten. adopted for improvement of Front and Dickinson Sts., involving 113,075 sq. ft. paving with 1½-in. asph. conc. on 2½-in. bitum. base; 2248.92 sq. ft. cem. conc. sidewalk; 2951.91 lin. ft. cem. conc. curb; 617 cu. yds. excav.; 541 cu. yds. embank.; 22 6-in. cem. sewer laterals; 4 4-in. cem. sewer laterals; 400 lin. ft. of 6-in. cem. sewer extension 1 manhole; 1911 Act; hearing protests set for Nov. 26.

LOS ANGELES, Cal.—Until 10 a. m., Nov. 13, bids will be received by board of public works for improving under Vrooman Act, the following streets:

11th St., bet. Santee St. and first alley west of Maple Ave., involving 752 sq. ft. walk.

Alley south of Carlton Way, bet. Wilton Pl. and Van Ness Ave., involving 7290 sq. ft. 5-in. cem. conc. paving.

San Benito Ave., bet. Brooklyn and Pennsylvania Aves., involving 553 ft. curb; 6538 sq. ft. walk.

O'Farrell St., bet. Pacific Ave. and Gaffey St., (San Pedro), involv. 160,223 sq. ft. asph. paving; 22,430 sq. ft. 6-in. cem. conc.; 4197 ft. curb; 30,290 sq. ft. conc. gutter; 775 ft. hse. sewers; storm drain.

Alley n.w. of Santee St., bet. 11th and 12th Sts., involving 11,919 sq. ft. 6-in. cem. conc. paving.

Alley west of Berendo St. ,bet. 8th and 9th Sts., involving 9258 sq. ft. 5-in. cem. conc. paving; 200 sq. ft. 2-in. bit. has cpaving.

Alley south of 43rd St., bet. Ascot and Hooper Aves., involving 6847 sq. ft. 51in. cem. conc. paving.

Duke St., bet. Mission Rd. and Prince St., involving 11,304 sq. ft. 5-in. cem. conc. paving; 1746 sq. ft. oiling and rolling; 865 ft. curb; 3760 sq. ft. walk; 100 ft. hse. sewers.

Menlo Ave., bet. 63rd Pl. and 137.46 ft. north, involving 194 ft. curb; 989 sq. ft. walk.

U. S. ROAD CONSTRUCTION SHOWS BIG GAINS

That the construction of modern automobile roads and paved streets in this country is gaining in volume year by year is shown by statistics just announced by Highways Information Service, New York. The figures show also that highway contracts awarded during the second half of the year average in volume only about 25 per cent less than those let during the first half and that there is not a month of the year in which a large amount of construction placed is not under contract.

In 1920 a total of $530,848,000 in new road construction was awarded in this country. In 1921 the amount was $630,-712,000 an increase of $99,864,000 over 1920. Last year contracts were awarded to the amount of $669,428,000 an increase of $38,716,000 over 1921 and $138,380,000 over 1920. From January 1 to June 1, this year, a total of $384,-774,000 was placed under contract. At this rate new highways for which contracts will be let during 1923 will cost approximately $794,000,000 a gain of about $125,000,000 over 1922.

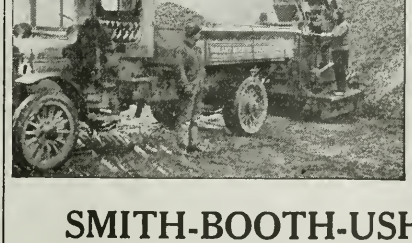
About $1,250,000,000 all told, for Federal, state county, district, township and city highway construction and maintenance will be expended this year. The Federal and state appropriations for state highways alone total $800,000,000, the city and town appropriations for streets and roads total $285,000,000 and the remainder represents the funds to be expended by the counties, parishes, road districts and townships. Compared with the 1923 road construction in the United States, the construction of the great Roman highways, the erection of the pyramids the building of the Chinese wall and the excavation of the Panama Canal pale into insignificance.

ARCHITECTS' FIELD IS HELD BARRED TO WOMEN

Few women have climbed the ladder or architectural fame, not because they are less capable than men but because they are barred from getting a foothold on the first rungs, asserts Prof. W. C. Perry, associate in architecture atthe University of California, in discussing the opportunities for women in this profession.

"Every architect receives his initial experience in a drafting office and since all drafting offices will not hire women, the wamon student does not get this training which is necessary to succeed," said Professor Perry.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3987	Lansburgh	Taylor	40000
3988	Moore	Harrell	5000
3989	Caley	Owntr	1000
3990	Conway	Bloom	4000
3991	Varni	Owntr	1500
3992	Huey Bah	Owner	18000
3993	Schleicher	Carlson	1900
3994	Whitcomb	Owner	15000
3995	McEvoy	Owner	3500
3996	Hellwig	Home	15000
3997	Jensen	Owner	14000
3998	Feerick	Owner	8000
3999	Battersly	Owner	3000
4000	Lucia	Petersen	3000
4001	Zpuar	Owner	4800
4002	Union Trust	Wagner	1050
4003	Same	Zellinsky	650
4004	Fitzhugh	United	2060
4005	Same	Fink	5890
4006	Same	Forderer	1388
4007	Myers	Britt	9000
4008	Bjorkman	Carlson	5000
4009	Hubert	Parker	4000
4010	Chamberlein	Owner	6000
4011	Lindeman	Lindeman	15000
4012	Fisher	Owner	12000
4013	Monahan	Harder	10475
4014	Strand	Owner	25000
4015	Schell	Owner	10000
4016	Marino	Damanto	8000
4017	Muriale	Amoroso	125000
4018	Atlas	Owner	3000
4019	Jacobs	Beinhardt	19000
4020	O'Neil	Battersby	4000
4021	Epp	Owner	22000
4022	Same	Same	7000
4023	Helms	Owner	6000
4024	Smith	Owner	4000
4025	Dolan	MacMillen	3000
4026	Helms	Owner	6000
4027	Carlson	Wiander	3500
4028	Bortfeld	Ross	6750
4029	McCarthy	Arnott	4000
4030	Cannon	Hamill	9000
4031	Crane	Stockholm	22910
4032	Mason	Carlson	17372
4033	Same	Stockholm	22910
4034	Rosenblum	Brady	10000
4035	Cutler	Owner	4000
4036	Johnson	Owner	9000
4037	Meyer	Owner	24000
4038	Getz	Owner	12000
4039	Tranger	Owner	2500
4040	Kaufman	Johnson	4000
4041	Manseau	Owner	18000
4042	Button	Owner	3500
4043	Ellington	Owner	18000
4044	De Bold	Owner	5000
4045	Stempel	Magill	9000
4046	Marino	Damen	10390
4047	Zadig	Black	3300
4048	Lowry	Thulin	11131
4049	Same	McLeod	1897
4050	Same	Beck	675
4051	Meyers	Spargo	7940
4052	P G & E	Owner	1500000
4053	Alexander	Hayes	1000
4054	Reiser	Ohlsen	6000
4055	Greco	Owner	2000
4056	Hansen	Owner	9000
4057	Allred	Owner	6000
4058	McDonough	Owner	4000
4059	Gonzales	Meyer	8000
4060	Morris	Owner	16000
4061	Bortfeld	Ross	6000
4062	Hoots	Owner	5000
4063	Ross	Ross	4000
4064	Cummings	Blum	1000
4065	Moran	Merz	3500
4066	Grey	Federal	1500
4067	Nelson	Owner	7600
4068	Morris	Owner	5000
4069	Levin	Decker	3018
4070	Same	Atlas	3000
4071	Delucchi	Carrara	13440

RESIDENCE
(3987) S BROADWAY 175 W Baker. Two-story and basement concrete hollow tile and frame residence.
Owner — Mrs G. A. Lansburgh 2122 Pacific Ave., San Francisco.
Architect—G. Albert Lansburgh, 110 Montgomery St., San Francisco.
Contractor—Taylor & Jackson, 290 Tehama St., S F. $40,000

ALTERATIONS
(3988) SE CLAY AND WALNUT STS. General alterations for apartments
Owner—Helena N Moore, 2688 Jackson St., San Francisco.
Architect—None.
Contractor—C. D. Harrell, 2514 Pine St., San Francisco. $5000

ALTERATIONS
(3989) NO. 160-166 DORLAND. Move dwelling; construct concrete foundation; underpin and make general repairs.
Owner—Mr. Caley, 581 Noe St., S. F.
Architect—None. $1000

ALTERATIONS
(3990) W EIGHTH AVE 250 N California. Remodel two-story residence for (2) flats.
Owner—Eugene Conway, 148 9th Ave., San Francisco.
Architect—Harvey E. Harris, 815 Balboa St., San Francisco.
Contractor—Julius Bloom, Parker Ave near Geary S., S. F. $4000

DWELLING
(4991) NW FARRAGUT AND RAE One-story and basement frame dwelling.
Owner—Enrico Varni, 71 Farragut St. San Francisco.
Architect—None. $1500

APARTMENTS
(3992) SW GEARY AND LAGUNA, Three-story and basement frame (4) apartments and restaurant.
Owner—Huey Bah, 1542 Geary St., San Francisco.
Architect—W. R. Yelland, 414 13th St. Oakland. $18,000

ADDITION
(3993) NO. 860 GEARY. Two-room addition to residence.
Owner—A F. Schleicher, Premises.
Architect—None.
Contractor—O. E. Carlson, 180 Jessie St., San Francisco. $1900

KITCHEN
(3994) S MARKET — W Eighth construct kitchen on roof.
Owner—Hotel Whitcomb (Jas. Otis Trustee), Premises.
Architect—Geo. Rushforth, 354 Pine St., San Francisco. $15,000

DWELLING
(3995) SE MISSION 150 N Guttenberg One-story and basement frame dwelling.
Owner—Edw. J. McEvoy, 4539 Mission St., San Francisco.
Architect—None. $3500

ALTERATIONS
(3996) NO. 41 STOCKTON. Change store front; re-arrange interior of store and dining room.
Owner—Chas. A. Hellwig, % Architect
Architect—Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor—Home Mfg. Co., 543 Brannan St., San Francisco. $15,000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

RAME FLATS
3997) W THIRD AVE 125 and 150 N Geary. Two two-story and basement frame (2 in each) flats.
wner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
rchitect—None. $7000 each

RAME FLATS
3998) E TWENTY-FIFTH AVE 25 S Cabrillo. Two-story and basement frame (2) flats.
wner—Patrick J. Feerick, 757 9th Av., San Francisco.
rchitect—Andrew H. Knoll, Hearst Bldg., San Francisco. $8000

WELLING
3999) S ARMY 521 E Mission. Two-story and basement frame dwlg.
wner—G. M. Battersby, 2706 Mission St., San Francisco.
lans by Owner. $3000

WELLING
4000) S BERNARD 183 E Jones. One story and basement frame dwlg.
wner—P. Lucia, 2060 Ellis St., San Francisco.
rchitect—None.
ontractor—W. C. Petersen, 2060 Ellis St., San Francisco. $3000

WELLINGS
001) E THIRTIETH AVE 100 and 125 S Irving. Two one-story and basement frame dwellings.
wner—Wm. G. Zupar, 513 Grant Bldg., San Francisco.
lans by Owner. $4800

AINTING ETC.
002) W FRANKLIN 35 S Broadway 38x120. Inside and outside painting tinting and paper hanging for 2-story and basement building.
wner—The Union Trust Co., tr. Est. Mrs. Bertha Zadig, decd.
rchitect—Vernon W. Houghton, 275 Post St., S. F.
ontractor—Fred Wagner, 63 Hoff Ave San Francisco.
led Oct. 25, 1923. Dated Sept. 22, 1923
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $1050
ond, $525; Sureties, E. R. Fischer, hn Carty; Forfeit, $10; Limit, 100 ys; Plans and specifications, none.

003) ELECT. WIRING ON ABOVE.
ontractor — B. L. Zellensky as The Lewis Electric Co., 153 Eddy St., San Francisco.
led Oct. 25, 1923. Dated Sept. 22, 1923.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $650
ond, $325; Sureties, M. Kelson & A. oads; Forfeit, $10; Limit, 100 days; ans and specifications, none.

INDOWS
004) N POST 137-6 W Stockton W 37-6 x N 137-6. Metal windows etc. for 3-story and basement store building.
wner—Wm. M. & Mary E. Fitzhugh.
chitect—Reid Bros., 105 Montgomery St., San Francisco.
ntractor—United States Metal Products Co., 330 10th St., S. F.
led Oct. 25, 1923. Dated Oct. 18, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $2060
nd, $1030; Sureties, United States tal Products Co.; Forfeit, none; Lim- Nov. 22, 1923; Plans and specifica- ns filed.

005) ROUGH & FINISH CARPENtry work and mill work on above.
ntractor—The Fink & Schindler Co., 226 30th St., San Francisco.
led Oct. 25, 1923. Dated Oct. 22, 1923.
TOTAL COST, $5890
'ayments same as above.
nd, $2945; Sureties, Globe Indemnity ; Forfeit, none; Limit, 35 days; ins and specifications filed.

006) SKYLIGHTS ON ABOVE.
ntractor—Forderer Cornice Works, 16th and Potrero Sts., S. F.
led Oct. 25, 1923. Dated Oct. 22, 1923.
'ayments same as above.
TOTAL COST, $1388
nd, $694; Sureties, United States Fi- lty & Guaranty Co.; Forfeit, none; nit, 30 days; Plans and specifica- ns filed.

BUILDING
(4007) N BRYANT 245 W Third. 2-sto. concrete commercial building.
Owner—L. A. Myers, 68 Post St., S. F.
Architect—None.
Contractor—O. W. Britt, 1257 Arguello Blvd., San Francisco $9000

DWELLINGS
(4008) SW GUTTENBERG 79-6 AND 106-6 N Brunswick, 2 1-story and basement frame dwellings.
Owner—Victor Bjorkman, 4539 Mission St., San Francisco.
Architect—None.
Contractor—John Carlson, 31 Rivoli St. San Francisco. $2500 each

DWELLING
(4009) E NINETEENTH AVE. 100 S Taraval. 1-story & basement frame dwelling.
Owner—Helen Hubert, 1242 Portola Dr. San Francisco.
Architect & Contractor—C. F. Parker, 251 Kearny St., S. F. $4000

STORE
(4010) E POWELL 54-6 N Sutter. 1-story and mezzanine floor brick store.
Owner—Chamberlain & Proctor, Mills Bldg., San Francisco.
Architect — Bakewell and Brown, 251 Kearny St., S. F. $6000

FLATS
(4011) E TWENTY-FOURTH AVE. 200 225 S Clement. 2 2-story and basement frame (2 in each) flats.
Owner—H. O. Lindeman, 619 7th Ave., San Francisco.
Designer—W. R. Lindeman, 619 27th Ave., S. F. $7500 each

DWELLINGS
(4012) NE VASQUEZ & GARCIA: N VASQUEZ 60 & 100 E Garcia. 3 1-story and basement frame dwlgs
Owner—M. Fisher, 711 Mission St., San Francisco.
Architect—None. $4000 each

BUILDING
(4013) SE SIXTH AVE. & BALBOA E 95 S 50. All work for 1-story frame building (stores)
Owner—Frank P. & Annie L. Monahan, 711 6th Ave., San Francisco.
Architect—None.
Contractor—A. M. Hardy, 518 24th Ave. San Francisco.
Filed Oct. 26, 1923 Dated Sept. 28, 1923.
Payments to be made on presentation of regular invoices designated by job location and statements of weekly payroll.
TOTAL COST, $10,475
Bond, Sureties, Forfeit, None; Limit, 90 days after Oct. 1, 1923; Plans and specifications filed.

APARTMENTS
(4014) NE CALIFORNIA AND 12TH Ave. Three-story and basement frame (12) apartments.
Owner—Strand & Strand.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $25,000

REPAIR SHOP
(4015) W ELEVENTH 70 S Folsom. One-story brick auto repair shop.
Owner—Samuel Schell, 180 Jessie St., San Francisco.
Architect—None. $10,000

FRAME FLATS
(4016) S GREEN 161 E Larkin. Two-story and basement frame (2) flats
Owner—Guiseppe Marino, 1216 Green St., San Francisco.
Architect — Louis Mastropasqua, 580 Washington St., San Francisco.
Contractor — F. S. Damanto, 1330 Kearny St., San Francisco. $8000

APARTMENTS
(4017) W POLK 30 S Union. Five-story, basement and sub-basement reinforced concrete (20) apartments.
Owner—Nick Muriale, St. Helena, Cal.
Architect—None.
Contractor—Amoroso & Danico, 1336 Kearny St., S. F. $125,000

DWELLING
(4018) S ROLPH 25 E Seville. One-story and basement frame dwlg.
Owner — Atlas Home Builders, 4539 Mission St., San Francisco.
Architect—None. $3000

APARTMENTS
(4019) N SEVENTEENTH 191 E Church. Two-story and basement frame (4) apartments.
Owner—Samuel Jacobs, 3667 17th St., San Francisco.
Architect—None.
Contractor—A. Meinhardt, 4110 20th St., San Francisco. $19,000

DWELLING
(4020) E CHURCH 100 S Army. Two-story and basement frame dwlg.
Owner—Daniel O'Neill.
Architect—A. A. Koch. — Arlington St., San Francisco.
Contractor—G. M. Battersby, 2706 Mission St., San Francisco. $4000

APARTMENTS
(4021) NE CALIFORNIA & FOURTH Ave. Three-story and basement frame (12) apartments.
Owner — I. Epp, 4745 Geary St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $22,000

FRAME FLATS
(4022) E FOURTH AVE 80-6 N California Two-story and basement frame (2) flats.
Owner — I. Epp, 4745 Geary St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $7000

FRAME FLATS
(4023) S GEARY 27-6 W Forty-third Ave. Two-story and basement frame (2) flats.
Owner — Helms & Helms, 7919 Geary St., San Francisco.
Architect—Bessie Helms, 7919 Geary St., San Francisco. $6000

DWELLING
(4024) W FUNSTON AVE 300 S Judah One-story and basement frame dwelling.
Owner—Byrd O. Smith, 247 Montgomery St., San Francisco.
Architect—None. $4000

DWELLING
(4025) W THIRTY-FIRST AVE 200 N Ulloa. One-story and basement frame dwelling.
Owner—S. Dolan, — 36th Ave., S. F.
Architect—None.
Contractor—R. S. K. MacMillen, 2641 Howard St., San Francisco. $3000

FRAME FLATS
(4026) S GEARY 57-6 W Forty-third Ave. Two-story and basement frame (2) flats.
Owner—Helms & Helms, 7919 Geary St., San Francisco.
Architect—Bessie Helms, 7919 Geary St., San Francisco. $6000

ALTERATIONS
(4027) NO. 2963 TWENY-NINTH AVE. All work for alterations to bldg.
Owner—W. Carlson, 2563 29th Ave., San Francisco.
Architect—None.
Contractor—Emil Wiander, 41 Coloridge St., San Francisco.
Filed Oct. 29, '23. Dated Sept. 26, '23.
House raised and foundation in..$875
Brown coated 875
Completed 875
Usual 35 days..... 875
TOTAL COST, $3500
Bond, limit, forfeit, plans and specifications, none.

FRAME BLDG.
(4028) E EIGHTEENTH AVE 260 N Judah N 25xE 120. All work for two-story frame building.
Owner—H. B. H. and Ernest Bortfeld.
Plans by Contractor.
Contractor—D. W. Ross, 180 Jessie St., San Francisco.
Filed Oct. 29, '23. Dated Oct. 29, '23.
Frame up $1687.50
Brown coated 1687.50
Completed 1687.50
Usual 35 days..... 1687.50
TOTAL COST, $6750.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(4029) W FAXON AVE 275 S Holloway Ave S 25xW 112-6. All work for 5-room bungalow and garage.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Plans by Contractor.

Contractor—James Arnott & Son, 235 Granville Way, San Francisco
Filed Oct. 29, '23. Dated Sept. 24, '23.
30 days after frame up..... 25%
30 days after brown coated... 25%
30 days after completed and accepted 25%
Usual 35 days..... 25%
TOTAL COST, $4000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING
(4030) S JERSEY 216-8 E Church E 21-6xS 114. All work for building
Owner—J. P. and Nellie A. Cannon, 137 Seventh St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco.
Filed Oct. 29, '23. Dated Oct. 25, '23.
Rough frame & roof boards on..$2250
Brown coated 2250
Completed and accepted..... 2250
Usual 35 days..... 2250
TOTAL COST. $9000
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

ALTERATIONS
(4031) NE NEW MONTGOMERY AND Jessie. Alterations and additions to exhibit rooms in portion of Sharon Bldg. on 1st floor and in basement.
Owner—Crane Co., 2nd and Brannan, San Francisco.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, Monadnock Bldg., S. F.
Filed Oct. 29, 1923. Dated Oct. 13, 1923.
When ready to receive plastering and zenitherm.....40%
Completed and accepted 40%
Usual 35 days 20%
TOTAL COST, $22,910
Bond, $11,455; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit, 90 days after Oct. 25, 1923; Plans and specificaitnos filed.

BUILDING
(4032) SW FRANCISCO & FRANKlin S 25 x W 100. All work except plumbing for 2-story frame bldg.
Owner—Edw. W. Mason, 1258 Union St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
Contractor—Elmer Carlson, 18 Heyman Ave., San Francisco.
Filed Oct. 29, 1923. Dated Oct. 27, 1923.
Rough frame up $2600
Exterior enclosed and roof sheathing on 2100
Brown coated 3100
Completed and accepted..... 4600
Usual 35 days 4972
TOTAL COST, $17,372
Bond, $9000; Sureties, P. F. Reilly & Chas. Flibotte; Forfeit, none; Limit, 90 days; Plans and specifications filed.

PLUMBING ETC.
(4033) PLUMBING, SEWAGE, HEATing, gas fitting on above.
Contractor—George Haub, 1237 Filbert San Francisco.
Filed Oct. 29, 1923. Dated Oct. 27, 1923.
Rough plumbing in $1000
Rough heating system in 300
Completed and accepted 600
Usual 35 days 848
TOTAL COST, $2748
Bond, $1400; Sureties, G. K. Jensen, D. J. Ring; Forfeit, none; Limit, 90 days; Plans and specifications filed.

WAREHOUSE
(4034) NW HARRISON AND LANGton. One-story concrete warehouse.
Owner — Rosenhlum & Hoelscher, % Architect.
Architect—D. C. Coleman, 1141 Market St., San Francisco.
Contractor—M. V. Brady, 784 Monadnock Bldg., S. F. $10,000

DWELLING
(4035) E MISSION 50 N Guttenberg. One-story and basement frame dwelling and store.
Owner—Harry Cutler, 171 Newton St., San Francisco.
Architect—None. $4000

APARTMENTS
(4036) W SANCHEZ 30 N Jersey. Two-story and basement frame (4) apartments.
Owner—Andrew Johnson, 231 Clipper St., San Francisco.
Structural Engr.—H. J. Woolley Jr., Matson Bldg., S. F. $9000

DWELLINGS
(4037) W THIRTY-EIGHTH AVE 125, 150, 175, 200, 225 and 250 S Geary. Six one-story and basement frame dwellings.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—None. $4000 each

DWELLINGS
(4038) E TWENTY-SEVENTH AVE 175, 200 and 225 N Judah. Three one-story and basement frame dwellings.
Owner—Sol Getz & Son, 24th Ave and Lincoln Way, San Francisco.
Architect—None. $4000 each

ALTERATIONS
(4039) NO. 2361 MISSION. Change front; remodel interior for dairy lunch.
Owner—S. C. Tranger , 3093 16th St., San Francisco.
Architect—None. $2500

DWELLING
(4040) W TWENTY-FOURTH AVE 275 S Taraval. One-story and basement frame dwelling.
Owner—A. Kaufman, 2926 Sacramento St., San Francisco.
Designer — L. E. Peyser, 2447 26th Ave., San Francisco.
Contractor—Edward A. Johnson, 1229 Ulloa St., San Francisco. $4000

FRAME FLATS
(4041) W TWENTY-EIGHTH AVE 225 and 250 N Clement. Two two-story and basement frame buildings (2 flats each).
Owner—E. E. Manseau, 647 Clayton St., San Francisco.
Architect—None. $9000 each

ADDITION
(4042) NO. 1308 HARRISON. Two-story addition for cabinet shop.
Owner—Button & Manning, Premises.
Architect—None. $3500

APARTMENTS
(4043) NW SIXTEENTH AVE AND Irving.
W SIXTEENTH AVE 35 N Irving. Two two-story and basement frame buildings (4 apartments each).
Owner—E. Ellingson, 180 Jessie St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $9000 each

FRAME FLATS
(4044) E KANSAS 25 S 24th. Two-story and basement frame (2) flats.
Owner—Wm. Debold, 1355 Kansas St., San Francisco.
Plans by Owner. $5000

APARTMENTS
(4045) W NINTH AVE 325 S Geary. Two-story and basement frame (4) apartments.
Owner—R. J. Stempel, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $9000

FRAME BLDG.
(4046) S GREEN 160-5 E Larkin 22-11 x77-6. All work for two-story and basement frame building.
Owner—Guiseppe Marino, 1216 Green St., San Francisco.
Architect—Louis Mastropasqua, 580 Washington St., S. F.
Contractor—F. S. Damanto, 1330 Kearny St., San Francisco.
Filed Oct. 30, '23. Dated Oct. 29, '23.
Frame up and roof on.....$2597.50
Brown coated 2597.50
Completed and accepted..... 2597.50
Usual 35 days..... 2597.50
TOTAL COST, $10,390.00
Bond, $5195. Sureties, Natale Arieta and Giovanni Forte. Limit, 130 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(4047) W FRANKLIN 35 S Broadway 38x120. Plumbing for two-story and basement frame building.
Owner—The Union Trust Co. of S. F. Trustee Est. Mrs. Bertha Zadig, dec'd.
Architect — Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—J. A. Black & Co.
Filed Oct. 30, '23. Dated Sept. 22, '23.
Roughing in done.....$ 8
On delivery of heaters and plumbing fixtures..... 14
Completed and accepted ..... 2782.
Usual 35 days..... 8
TOTAL COST, $33
Bond, $1650. Sureties, H. P. Wilso and A. W. Middleton. Limit, 100 day Forfeit, $10. Plans and specification none.

APARTMENTS
(4048) W EIGHTH AVE 175 N Juda All work except plumbing, pain ing and tile work for two-sto frame building (4 apartments).
Owner—Bridget Lowry, 1648 Page S San Francisco.
Architect—Dodge A. Riedy, Paci Bldg., San Francisco.
Contractor—A. L. Thulin, 120 Otis S San Francisco.
Filed Oct. 30, '23. Dated Oct. 26, '23.
Ready for roof.....$2782.
Brown coated ..... 2782.
Completed and accepted..... 2782.
Usual 35 days..... 2782.
TOTAL COST, $11,131.
Bond, $5570. Sureties, O. F. Larson a E. H. Peterson. Limit, 60 days. Fo feit, none. Plans and specificatio filed.

(4049) PLUMBING ON ABOVE.
Contractor—J. J. McLeod, 1246 Gold Gate Ave., San Francisco.
Filed Oct. 30, '23. Dated Oct. 26, '23.
Roughing in completed.....$10
Completed and accepted..... 8
TOTAL COST, $18
Bond, none. Limit, 60 days. Forfe none. Plans and specifications filed.

(4050) PAINTING ON ABOVE.
Contractor—Beck Bros., 1636 11th Av San Francisco.
Filed Oct. 30, '23. Dated Oct. 26, '23.
Completed and accepted.....$6
TOTAL COST, $36
Bond, none. Limit, 60 days. Forfe none. Plans and specifications filed.

CONCRETE BLDG.
(4051) S TEHAMA 158-9 W Fifth 36-3xS 80. All work for one-sto and mezzanine reinforced concr building.
Owner—Meyers Safety Switch Co., 5 Howard St., San Francisco.
Architect—Mel I. Schwartz, Nevada B Bldg., San Francisco.
Contractor—John Spargo, Russ Bld San Francisco.
Filed Oct. 30, '23. Dated Oct. 19, '23.
Concrete walls poured to roof line $15
Roof on and mezzanine floor joists set 15
Completed and accepted..... 15
Usual 35 days..... 15
TOTAL COST, $75
Bond, $4000. Sureties, Theo. De Pa and N. Andersen. Limit, 40 days. Fo feit, none. Plans and specificatio filed.

OFFICES
(4052) SE BEALE AND MARKI Seventeen-story and basement a roof garden Class A office buildi
Owner—Pacific Gas & Electric Co., Sutter St., San Francisco.
Architect — Bakewell & Brown, Kearny St., San Francisco. $1,500.

ALTERATIONS
(4053) NO 240 MONTGOMERY Install office partitions in top fl
Owner—Geo. Alexander, Premises.
Architect—None.
Contractor—Hayes-Oser Co., Call Bl San Francisco. $1

FRAME FLATS
(4054) N PRECITA 300 S Shotw Two-story and basement frame flats.
Owner—Joseph Reiser, 201 Precita A San Francisco.
Architect—Chas. Strothoff, 2274 1 St., San Francisco.
Contractor—A. H. Ohlsen, 2426 P St., San Francisco. $6

DWELLING
(4055) NE REVERE AVE 112-(Ingalls. Two-story and basem frame dwelling.
Owner—L. Greco, 1215 Rivoli Ave., S Francisco.
Architect—F. H. Stewart, 1203 Rev Ave., San Francisco. $2

DWELLINGS
(4056) E SAN JOSE AVE 150, 175 and 200 S St. Ysabel. Three one-story and basement frame dwellings.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000 each

DWELLING
(4057) SW CORONA AND URBANO Drive. One and one-half-story and basement frame dwelling.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—None. $6000

DWELLING
(4058) SE CHURCH AND RANDALL. Two-story and basement frame dwelling.
Owner—M. McDonough, 22 Fairmount St., San Francisco.
Architect—None. $4000

FRAME FLATS
(4059) E CHURCH 65-1 S Twenty-fifth. Two-story and basement frame (2) flats.
Owner—Mrs. J. Gonzales, 1348 Stockton St., San Francisco.
Architect—Evans & Co., 359 Pacific Bldg., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $8000

DWELLINGS
(4060) W DE SOTO 115, 204, 304 and 404 S Urbano Drive. Four one-story and basement frame dwlgs.
Owner—G. W. Morris, 152 Judson Ave., San Francisco.
Plans by Owner. $4000 each

DWELLING
(4061) E EIGHTEENTH AVE 260 N Judah. Two-story and basement frame dwelling.
Owner — E. Bortfeld, 1223 4th Ave., San Francisco.
Architect—None.
Contractor—D. W. Ross, 180 Jessie St., San Francisco. $6000

DWELLING
(4062) W FORTY-FIRST AVE 125 N Cabrillo. Two-story and basement frame dwelling.
Owner—H. J. Hoots, 12 Prior Court, San Francisco.
Architect—E. E. Young, 2202 California St., San Francisco. $5000

DWELLING
(4063) E FIFTEENTH AVE 304 N Kirkham. One-story and basement frame dwelling.
Owner—L. S. and . W. Ross, 1440 15th Ave., San Francisco.
Architect—C. E. Rogers, Phelan Bldg., San Francisco.
Contractor—D. W. Ross, 180 Jessie St., San Francisco. $4000

ALTERATIONS
(4064) NW GOUGH AND GROVE STS. Remodel stores.
Owner—J. C. Cummings, 80 Post St., San Francisco.
Architect—Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor—Luis Blum, 180 Jessie St., San Francisco. $1000

ALTERATIONS
(4065) SE HAIGHT AND SHRADER. Construct new store front; install electric work; ratproofing floor; renew plumbing, etc., for store
Owner—D. M. Moran, 128 6th St., San Francisco.
Architect—Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Contractor—John Merz, 273 Lily Ave., San Francisco. $3500

MARQUISE
(4066) NO. 275 O'FARRELL. Erect marquise with electric signs.
Owner—J. E. Grey, Premises.
Architect—None.
Contractor—Federal Electric Co. $1500

DWELLINGS
(4067) E THIRTIETH AVE 236 and 175 S Lincoln Way. Two one-story frame and basement frame dwlgs.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, San Francisco
Architect—None. $3800 each

DWELLING
(4068) SW URBANO DRIVE AND Victoria. One-story and basement frame dwelling.
Owner—G. W. Morris, 152 Judson Ave., San Francisco.
Plans by Owner. $5000

THEATRE
(4069) S UNION 137-6 E Webster E 75xS 137-6. Electrical work for Class A theatre building.
Owner—Samuel H. Levin, Inc.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Decker Electrical Constr. Co., 149 New Montgomery St., San Francisco.
Filed Oct. 31, '23. Dated Aug. 6, '23.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3018
Bond, $1509. Surety, United States Fidelity & Guaranty Co. Limit, as required. Forfeit, none. Plans and specifications filed.

(4070) HEATING AND VENTILATING on above.
Contractor—Atlas Heating & Ventilating Co., 557-67 4th St., S. F.
Filed Oct. 31, '23. Dated Oct. 15, '23.
Payments same as above.....
TOTAL COST, $3000
Bond, $1500. Sureties, A. S. Miquen & F. T. McIntyre. Limit, as required. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(4071) E LEAVENWORTH 98-10 S Lombard. All work except roof, plumbing, painting, finish hardware for two-story and basement frame (2) flats.
Owner—Philip L. Delucchi, 14 Eugenia St., San Francisco.
Architect—None.
Contractor—G. Carrara, 750 Felton St., San Francisco.
Filed Oct. 31, '23. Dated Oct. 31, '23
Roof on $3360
Brown coated 3360
Completed and accepted..... 3360
Usual 35 days..... 3360
TOTAL COST, $13,440
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Oct. 25, 1923—E PARKER AVE 275 S Geary 25x100. J W Barton to who it may concern...Oct. 25, 1923
Oct. 25, 1923—SE TWENTY-SIXTH & York S 75 x E 75. A G Sala to Thos P Mitchell .....Oct. 25, 1923
Oct. 25, 1923—E LEE AV. 100 S Holloway Ave Lot 25 Blk E Lakeview Tct. A Martin to whom it may concern .....
Oct. 25, 1923—E LEE AV. 150 S Holloway Ave Lot 24 Blk E Lakeview. A Martin to whom it may concern
Oct. 25, 1923—NW DERBY & MASON N 60 x W 77-6. Spring Valley Water Co. to P Grassi & Co., Palace Hardware Co .....Oct. 22, 1923
Oct. 25, 1923—NW DERBY & MASON N 60 x W 77-6. Spring Valley Water Co. to H L Petersen ...Oct. 24, '23
Oct. 25, 1923—E TWENTY-SECOND Ave. 125 S Taraval S 41-8 x 120. Parkside Realty Co. to whom it may concern .....Oct. 24, 1923
Oct. 25, 1923—LOT 11 BLK 1308 Sub 3 Sea Cliff. Carl H Burg to Robert A McLean .....Oct. 19, 1923
Oct. 25, 1923—LOT 38 BLK 18 LAKEview. Oscar Gind to whom it may concern .....Oct. 23, 1923
Oct. 25, 1923—W BUENA VISTA AVE 44-0⅝ NE Frederick, H & L Martens to Joel Johnson and Son .....Oct. 23, 1923
Oct. 25, 1923—N BRANNAN & SECond NW 160 x NE 100. Los Angeles Soap Co. to Scott Co.....Oct. 20, 1923
Oct. 25, 1923—LOT 10 BLK F MISsion Terrace, Ptn Lots 7 & 8 Blk K Mission Terrace. Walter E Hansen to whom it may concern.....
.....Oct. 18, 1923
Oct. 25, 1923—E POWELL 77-6 N Jackson N 40 x E 57-6. E H Ferraris to John Morton Co...Oct. 15, '23
Oct. 26, 1923—W ARGUELLO BLVD 127-1½ S Lake. Martin P Storheim to whom it may concern.Oct. 26, 1923
Oct. 26, 1923—NE DUBOCE AVE & Pearl N 75xE 55. Walter F and Carrie McAllister to A M Hardy..
Oct. 26, 1923—W TWENTY-FIRST Ave 100 N Cabrillo N 25xW 120. Nick Hemminga to whom it may concern.....Oct. 26, 1923
Oct. 26, 1923—SW CLARION AVE & Marion S 23-4xW 60. Ernest Steffen to Herman T Ludwig.....
Oct. 26, 1923—PTN LOTS 11 and 12 Blk 26, St. Francis Wood Extn No. 2. Garden Homes Co to Mangels Bros.....Oct. 25, 1923
Oct. 26, 1923—N KIRKWOOD AVE. 200 W Mendell 25 x 120. R. S. K. McMillen to whom it may concern. .....Oct. 26, 1923
Oct. 27, 1923—COM. 39 N of Int. of NW Dolores and 30th N 25xW 90. Joseph C Bonzani to Cox Bros... .....Oct. 27, 1923
Oct. 27, 1923—LOT 6 and Ptn Lot 7 Blk 2381, 45 ft. front Claremont Court. B Premus to W C Premus .....October 25, 1923
Oct. 27, 1923—SE POWELL & SACramento. Sacramento Powell Co to MacDonald & Kahn, Inc..... .....October 27, 1923
Oct. 27, 1923—N BROADWAY 137-6 W Octavia W 68-9xN 137-6. The Heights to Schrader Iron Works, Inc.....Oct. 20, 1923
Oct. 27, 1923—NO 988 AND 992 MARket. Warfield Cafeteria to Mullen Mfg. Co.....Oct. 16, 1923
Oct. 29, 1923—N BERNAM 183 E Leavenworth 23x60. Harriet Alexander to The Greater City Lumber Co.....Oct. 22, 1923
Oct. 29, 1923—LOT 2 BLK "H" Mission Terrace. Walter E Hansen to whom it may concern.Oct. 26, 1923
Oct. 29, 1923—SE MISSION 133-3⅜ NE Fifth NE 50xSE 160. Selby and Henry R Mohr to Otis Elevator Co .....Oct. 25, 1923
Oct. 29, 1923—W PARKER AVE 596-8 N Euclid Ave N 30xW 120.42. Katherine G Wilson to whom it may concern.....Oct. 27, 1923
Oct. 29, 1923—COM. 151-2 from int. of NW Howard and Fourteenth W 149-6xN 114-9. The City Rough Dry Laundry to whom it may concern.....Oct. 19, 1923
Oct. 30, 1923—NE REVERE 237-6 SE Lane SE 25xNE 100 Ptn Blk 349 South S. F. Hd. and R R Assn. Frank D and Elizabeth Anderson to T R and T L Sharman..Oct. 9, 1923
Oct. 30, 1923—LOT 25x100 N De Montford Ave 75 W Capitol Ave. H G Cramending to whom it may concern.....Oct. 30, 1923
Oct. 30, 1923—N 60 FT. LOT 14 BLK 21 resub of Blks 18 and 21 and Ptn Blk 19 and Lots lettered P, Q, R, S, St. Francis Wood Extn No. 2. Garden Homes Co to Mangels Bros .....Oct. 29, 1923
Oct. 30, 1923—NW MASON & DERBY N 60xW 77-6. Spring Valley Water Co to W D Henderson, W D Henderson, Waterhouse Wilcox Co. Butte Electric Equipment Co..... .....Oct. 25, 1923
Oct. 30, 1923—E CASTRO 26-6 S 22nd S 25-3xE 100. Mary E Collins to A L Stone.....Oct. 26, 1923
Oct. 30, 1923—SE SIXTEENTH AVE and Lincoln Way 52-6 x 100. Eling Ellingson to whom it may concern .....Oct. 25, 1923
Oct. 30, 1923—W LARKIN 91-3 S Greenwich. Louis Laiti to Fracchia & Rosina .....Oct. 29, 1923
Oct. 30, 1923—COR. 800 W 85-40 E from SE Humboldt and Georgia N 40-20 W 120 N 150-40 E 95. Pacific Gas & Electric Co. to Pacific Structural Iron Works .....Oct. 25, 1923
Oct. 30, 1923—NE DUBOCE AVE & Pearl N 75 E 55. Waller F. & Carrie McAllister to A. M. Hardy.Oct. 24, '23
Oct. 30, 1923—2036 2038 GREEN ST. F. H. Peters to Pene & Hodges.... .....Oct. 23, 1923
Oct. 30, 1923—SW FORTY-SECOND Ave. and Anza W 90 x S 30 SE 43rd Ave. & Anza E 30 x S 75. Thos. Hamill to whom it may concern.. .....Oct. 30, 1923
Oct. 30, 1923—W TWENTY-FIRST Ave. 200 S Irving S 25 x W 125. Wm H. and Louise B. Hugo to H. S. Meinberger .....Oct. 27, 1923
Oct. 30, 1923—NW BATTERY AND Sacramento W 275 x N 119-6. Federal Reserve Bank to Charles C. Moore & Co. .....Oct. 23, 1923
Oct. 30, 1923—W FOURTH AVE. 245 247 4th Ave. S. Rasken to whom it may concern .....Oct. 30, 1923

Oct 30, 1923 N MISSION & FREMONT NE 137-6 x NW 137-6 Josephine C. McCormick, Isabelle & Beatrice Cebrian and Maria C. De F. De Caleya to The Turner Co.....
.....Oct. 25, 1923
Oct. 30, 1923—S ULLOA 1229 ULLOA Lot 57-6x 100. Edward A. Johnson to whom it may concern.Oct. 30, 1923
Oct. 31, 1923—N LAKE 40 E Funston Ave E 30xN 72. Robert F Schaezlein to John V Stiefel...Oct. 30, 1923
Oct. 31, 1923—W TWENTY-FIFTH Ave 200 and 225 N Ulloa. Monroe R Schwartz to whom it may concern.....Oct. 31, 1923
Oct. 31, 1923—N NORTHWOOD DR. 171 E Miramar Ave No. 50 Northwood Drive. Herman J Axt to whom it may concern.....
Oct. 31, 1923—N DUBOCE 55 E Guerrero E 25xN 75. Edw A Wangis to whom it may concern...Oct. 30, 1923
Oct. 31, 1923—N TWENTY-FOURTH 130 E Castro E 25xN 114. W E Sullivan and Thos J McDermott to Roberts & Son.....Oct. 30, 1923
Oct. 31, 1923—E TWENTY-FIFTH Ave 300 N Fulton 25x120. Bryan Feerick to whom it may concern.....October 30, 1923
Oct. 31, 1923—W TENTH AVE 405-9 S Balboa 25x100. Sara Sultan to Gustav Paterson.....Oct. 29, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Oct. 26, 1923—N GREENWICH 58-6 E Lyon E 39 x N 75. E. A. McKellar, $200.32; William McKellar, $351 vs Morris & Fannie Blumberg and George M. Merritt Bldg. Co.....
Oct. 24, 1923—W CURTIS 250 S Rolph W 107xS 37-6. M G Peek vs A and Columbea Orlandi and H E Hansen $592.65
Oct. 27, 1923—NE HOWARD AND Lafayette NW 80 NE 58.4 SE 78.5 SW 46.4¾. P O Lind vs Fred S Johnson and Eugenio Erigeso..$235
Oct. 31, 1923—NE GEARY AND Thirty-fifth Ave N 100xE 32-6. Charles D De Imarter vs Francis J Povey $3125

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Oct. 26, 1923—2345 BUSH ST. S BUSH 180 E Pierce E 36-6 x S 137-6. Richmond Sanitary Mfg Co. to Geo. A. Williams and Annie and Gus Berndt .....
Oct. 27, 1923—SE TAYLOR AND Pacific S 30xE 90. John J Delucchi to Louis Blum.....$673
Oct. 29, 1923—E CORBETT AVE & Iron Alley SE 25 NE 124.10 NW 40 SW 124.71. The Greater City Lumber Co. to Elise Gustafson and M J Hansen $120.05
Oct. 29, 1923—LOT 14 BLK 16, Crocker Amazon Tract. H H Smith to O E Hinman and Henry C Pinkerton.....
Oct. 30, 1923—E SIXTEENTH AVE 150 S Cabrillo S 25xE 127-6. Frank Crothers to Laurence Marx.....
Oct. 30, 1923—W FOLSOM 40-4¾ N 23rd N 22-8¼ W 80 S 23-5¼ E 81. J. H. Kruse to Le Blanc Co., Edwin and Bertha Cupman, Henry and Sallie Carroll $193.79

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Oct. 25, 1923—SE MASON & EDDY Belmont Hotel, Alexander W Nelson and Robt Schurman as to improvements to property .....
Oct. 26, 1923—N WASHINGTON 137-6 W Gough W 65 x N 127-8¼. Two Thousand And Six Washington Street Inc. as to improvements to property. .....
Oct. 30, 1923—E MONTGOMERY 120-6 S Bush S 33-6xE 77-6. Chas Schlessinger as to improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4976	Roeth	McCullough	9000
4977	Carpenter	Owner	3500
4978	Lindall	Hinde	4500
4979	Smith	Schulz	5500
4980	Lyon	Owner	5000
4981	Garrels	Tammi	3800
4982	Bank of Italy	Owner	50000
4983	Myers	Picanci	2000
4984	Muther	Owner	5000
4985	Mazzers	Mazzers	2000
4986	Grosiano	Cisero	2500
4987	Union	Christensen	2500
4988	Eckhardt	Knight	34000
4989	Johnson	Murch	7326
4990	Shiroso	Beauchamp	2000
4991	Dingwell	Owner	3500
4992	Anderson	Owner	18000
4993	Williams	Owner	1000
4994	Lavangetti	Vaughn	13224
4995	Williams	Owner	1000
4996	White	Owner	1000
4997	MacGregor	Owner	7700
4998	American	Littlefield	30500
4999	Stearns	Sorensen	7383
5000	Stearns	Sorensen	10500
5001	Leopold	Tanner	4000
5002	Smith	Thaxter	14000
5003	Crowell	Brennan	9000
5004	Dunn	Pinkerton	2850
5005	Mitchell	Betz	3750
5006	Maar	McWethy	5800
5007	Jaskson	Dolan	5750
5008	Small	Schnebly	17000
5009	Moylan	Rogers	5200
5010	Anderson	Owner	3500
5011	Potter	Houck	7500
5012	Marfiest	Owner	5100
5013	Sewart	Owner	6000
5014	Corvasso	Strang	6000
6015	Vinson	Dolan	5800
5016	Noble	Owner	4500
5017	Gordon	Owner	4000
5018	Hansen	Owner	1300
5019	Engman	Smith	4500
5020	Van Elten	Engler	1000
5021	Hillen	Owner	5000
5022	Galow	Broadway	1500
5023	Brickell	Calif.	5000
5024	Clement	Owner	2000
5025	Shipman	Owner	5000
5026	Eckstein	Flores	4000
5027	Clement	Owner	3000
5028	Gow	Bachelder	3000
5029	Shell	Owner	1400
5030	Prenville	Scott	11924
5031	Smith	Murch	149000
5032	Smith	Holton	7530
5033	Hall	Marshall	1000
5034	Hehrew	Morris	3500
5035	Campau	Owner	3500
5036	Burbank	Owner	1500
5037	Sime	Owner	15000
5038	Varni	Pfrang	7650
5039	Davis	McWethy	26000
5040	Weiner	Owner	2500
5041	Sturgiss	Pearson	1000
5042	Guiness	Owner	3500
5043	Brasch	Owner	7000
5044	Baines	Wolbold	5000
5045	Williams	Owner	6000
5046	Beck	Griffith	2500
5047	Black	Maurice	39000
5048	Glantz	Owner	4000
5049	Brown	Owner	3500
5050	Brown	Owner	6000
5051	Toci	Bold	2700
5052	Ramme	Ramme	4000
5053	Laise	Owner	2500
5054	Blomberg	Bay	4500
5055	American	Owner	8000
5056	Dadane	Owner	1500
5057	Joseph	Owner	2000
5058	American	Owner	4000
5059	Hudson	Owner	3800
5060	Bandy	Owner	4000
5061	Naro	Ibanez	2500
5062	Blasingame	Owner	3000
5063	Anderson	Ferguson	4000
5064	Hickok	Strobel	2500
5065	Broadwell	Owner	3000
5066	Derby	Owner	3750
5067	Yenio	Sutcliffe	1900
5068	Darland	Owner	1500
5069	Toci	Bold	2700
5070	Donnelly	Thaxter	9340
5071	Lewis	Owner	20000
5072	Ament	Thaxter	8000
5073	Charlton	Short	3500
5074	Coody	Hendrickson	4000
5075	Milvia	Hunter	3500
5076	Ford	Ford	5700
5077	Preston	CeCord	5700
5078	Peppin	Owner	5700
5079	Blodgett	Owner	2500
5080	Legris	Owner	4900
5081	Joyce	Farnham	1500
5082	Lundberg	Owner	1800
5083	Hill	Owner	3000
5084	Aveta	Owner	2750
5085	Pratt	Owner	10000
5086	Madeg	Meyers	4900
5087	Saxe	Maliek	6000
5088	Fysen	Mullen	1690
5089	Stone	Owner	3500
5090	Ferro	Helms	2000
5091	Heltman	Owner	1800
5092	Gardner	Lovejoy	4500
5093	Johnson	Owner	3000
5094	Lawton	Thompson	4000
5095	Stewart	Johnson	12500
5096	Cavallera	Taylor	4850
5097	Delmas	Contractors	3850
5098	Maurer	Owner	7000
5099	Peppin	Owner	5100
5100	Preston	McCord	——
5101	Gen. Eng.	Owner	4000
5102	Prueti	Reite	3500
5103	Ghiselle	Bacigalup	3000
5104	Friedman	Chapton	4500
5105	Smith	Holton	8000
5106	Holton	Owner	8000
5107	Laheney	Theile	5700
5108	Ashby	Ehrenpfort	1800
5109	Fortman	Neiken	6000
5110	Hollis	Miller	4500
5111	Marquis	Owner	6000
5112	Peppin	Owner	5100
5113	Krueger	Owner	4000
5114	McGrew	Omo	2000
5115	Orton	Owner	15000
5116	Knoke	Dolan	3950
5117	Dolan	Owner	5000
5118	Sharpe	Moore	1800
5119	Dolan	Owner	3000
5120	Dolan	Owner	6000
5121	American	Owner	4000
5122	Cantz	Owner	2575
5123	American	Owner	2600
5124	Davis	Owner	3900
5125	Graham	Owner	4000
5126	Santel	Texdahl	1160
5127	Santel	Texdahl	6500
5128	Fitzgerald	Hopper	12108
5129	Northbrae	Cuthbertson	36658
5130	Northbrae	Doell	1607

DWELLING
(4976) NO. 2522-4 CEDAR ST., Berkeley. Two-story 10-room dwelling
Owner—Mary Roeth, 174 41st St., Okd.
Architect—John Galen Howard and Associates, 1st Nat'l. Bank Bldg., San Francisco.
Contractor—H. McCullough, 1641 Allston Ave., Beerkeley. $9000

DWELLING
(4977) NO. 2236 DEREY ST., Berkeley. One-story 5-room dwelling.
Owner—E. E. Carpenter, Hotel Whitecotton, Berkeley.
Architect—None. $3500

DWELLING
(4978) NO. 1641 GROVE ST., Berkeley One-story 5-room dwelling.
Owner—Victor Lindall, 1427 Milvia St. Berkeley.
Architect—None.
Contractor—H. F. Hinde, 1425 Milvia St., Berkeley. $4500

DWELLING
(4979) E MENDOCINO 75 S Indian Rock Path, Berkeley. Two-story 6-room dwelling.
Owner—Henry P. Smith, 2226 Channing Way, Berkeley.
Architects—None.
Contractor—H. K. Schultz, 2100 Virginia St., Berkeley. $5500

DWELLINGS
(4980) NO. 2511 AND 2507 MATTHEW St., Berkeley; Two one-story 4 room dwellings.
Owner—O. F. Lyon, 1945 Grant St Richmond.
Architect—None. $2500 each

DWELLING
(4981) NO. 1421 OXFORD ST., Berkeley One-story 6-room dwelling.
Owner—O. H. Garrels, 2526 Dwight Way, Berkeley.
Architect—None.
Contractor—Chas. Tammi, 2347 Spaulding Ave., Berkeley. $380

BANK & STORE.
(4982) W COLLEGE AVE., at Shafter Ave., Oakland. Two-story bank and store.
Owner—Bank of Italy, 550 Montgomery St., San Francisco.
Architect—None. $5000

DWELLING.
(4983) S CHERRY ST., 200 W Ninty-eighth Ave., Oakland. One-story 4-room dwelling.
Owner—Mary S. Myers, 7218 Oral St., Oakland.
Architect—None.
Contractor—Joe. Picanci, 1602 98th Ave Oakland. $2000

DWELLING.
(4984) 1076 CLARENDON CRESCENT, Oakland. One-story 6-room dwelling.
Owner—G. W. Muther, 5519 Thomas St. Oakland.
Architect—None. $5000

DWELLING.
(4985) 8421 DOWLING STREET, Oakland. One-story 4-room dwelling.
Owner—Mrs. M. L. Mazzero, premises.
Architect—None.
Contractor — Sylvester Mazzero, prem. $2000

DWELLING.
(4986) 310 FORTY-NINTH ST., Oakland. One-story 4-room dwelling.
Owner—D. Grozziano, prem.
Architect—None.
Contractor—Cisero & Raineri, 458 42nd St., Oakland. $2500

BOILER HOUSE.
(4987) 861 ISABELLA ST., Oakland. Brick boiler house.
Owner—Union French Laundry, prem.
Architect—None.
Contractor—H. J. Christensen, 505 17th St., Oakland. $2500

APARTMENTS.
(4988) W KINGSLEY AVE., 131 & 171 N Hopkins St., Oakland. Two 2-story (16 rooms) apartments.
Owner—E. W. Eckhardt.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. $17000 each

GARAGE.
(4989) S W COR. NINETEENTH AVE. and Livingston St., Oakland. One-story concrete garage.
Owner—S. T. Johnson Co.
Architect—Maury Diggs.
Contractor — Walter Murch, Federal Bldg., Oakland $7326

DWELLING.
(4990) S OUTLOOK ST., 330 W Sixty-eighth Ave., Oakland. One-story 5-room dwelling.
Owner—M. Ghiroso, 6623 Outlook Ave., Oakland.
Architect—None.
Contractor—T. Beauchamp, 6800 Outlook Ave., Oakland. $2000

DWELLING.
(4991) W SHAFTER AVE 90 N Forty-ninth St., Oakland. One-story 5-room dwelling.
Owner—J. F. Dingwell, 2021 West St., Oakland.
Architect—None. $3500

DWELLING.
(4992) 2320 2326 2333 SIXTY-THIRD Ave, Oakland. Three 1-story 5-room dwellings.
Owner—A. T. Andersen, 2248 62nd Ave., Oakland.
Architect—None. $3000 each.

SERVICE STATION.
(4993) N E COR. SIXTY-THIRD and Telegraph Ave., Oakland. One-story brick service station.
Owner—H. B. Williams, 351 12th St., Oakland.
Architect—None. $1000

APARTMENTS
(4994) N E COR TWENTY-FIFTH & Myrtle Sts., Oakland. Two-story (16 rooms) apartments.
Owner—Mrs. Lavagetti, 2527 Myrtle St Oakland.
Architect—None.
Contractor—W. T. Vaughn, 4490 Opal St., Oakland. $13224

SERVICE STATION.
(4995) N E COR THIRTY-FOURTH & Telegraph Ave., Oakland. One-story brick service station.
Owner—H. B. Williams, 351 12th St., Oakland.
Architect—None. $1000

REPAIRS.
(4996) 451 THIRTY - FOURTH ST., Oakland. Repairs.
Owner—M. White, 457 34th St., Oakland
Architect—None. $1000

DWELLINGS.
(4997) 976 980 THIRTY-EIGHTH ST., Oakland. Two 1-story 6-room dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $3850 each.

BANK
(4998) LOT 1 BLK B MAP THERMAL Hill, Oakland. All work for 1-story and basement reinforced concrete bank.
Owner—The American Bank, 16th and San Pablo, Oakland.
Architect—Edward T. Foulkes, Crocker Bldg., San Francisco.
Contractor—R. W. Littlefield, 357 12th St., Oakland.
Filed Oct. 25, 1923. Dated Oct. 9, 1923.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $30,500
Bond, $15,250; Sureties, National Surety Co.; Forfeit, none; Limit, 120 days; Plans and specifications filed.

DWELLING
(4999) LOT 5 BLK 1565 BARNE'S ADdition, Berkeley. All work for 2-story dwelling except owner furnishes lumber and mill work and roof material.
Owner—Stella B. Stearns, 2810 Prince St., Berkeley.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Contractor—Walter Sorensen, 3221 Ellis St., Berkeley.
Filed Oct. 25, 1923. Dated Oct. 22, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $7383
Bond, Sureties, none; Forfeit, $3 day; Limit, 90 days; Plans and specifications filed.

DWELLING
(5000) NO. 2923 ASHBY AVE., Berkeley. Two-story 6-room dwlg.
Owner—S. B. Stearns, 2814 Prince St., Berkeley.
Architect—Walter Sorensen, 3221 Ellis St., Berkeley. $10,500

DWELLINGS
(5001) NO. 1226 AND 1228 BONITA Ave., Berkeley. Two one-story 3-room dwellings.
Owner—R. Leopold, 1224 Bonita Ave., Berkeley.
Architect—None.
Contractor—F. Tanner, 2132 Browning St., Beerkeley. $2000 each

FLATS
(5002) NO. 2251-53-55-57 CEDAR ST., Berkeley. Two-story 16-room flats
Owner—W. Gus Smith, 2345 Woolsey St., Berkeley.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $14,000

FLATS
(5003) NO. 1528, 1528-A, 1530, 1530-A Delaware, Berkeley. Two-story 16 room flats.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

Owner—R. Crowell, 1532 Delaware St., Berkeley.
Architect—None.
Contractor—J. P. Brennan, 2110 Shattuck Ave., Berkeley. $9000

DWELLING
(5004) NO. 1624 PARKER ST., Berkeley. Two-story 4-room dwlg.
Owner—Etta Dunn, 1520 Spruce St., Berkeley.
Architect—None.
Contractor—J. A. Pinkerton, 1931 Berryman St., Berkeley. $2850

DWELLING
(5005) NO 1540 SPRUCE ST., Berkeley. One-story 6-room dwelling.
Owner—Isabel W. Mitchell, Premises.
Architect—C. C. Dakin, 2961 Pine St., Berkeley.
Contractor—G. G. Betz, 1815 Acton St., Berkeley. $3750

DWELLING
(5006) NO. 40 ARBOR DRIVE, Piedmont. One-story 6-room dwelling and garage.
Owner — S. T. Maar, 2910 Telegraph Ave., Oakland.
Architect—None.
Contractor — McWethy & Greenleaf, 2910 Telegraph Ave., Oakland. $5800

DWELLING
(5007) NO. 111 ARBOR DRIVE., Piermont. One-story 6-room dwelling and garage.
Owner—E. C. Jackson, 1422 San Pablo Ave., Oakland.
Architect—None.
Contractor — L. J. Dolan, Syndicate Bldg., Oakland. $5750

DWELLING
(5008) NO. 444 BELLEVUE, Piedmont Two-story 10-room dwelling.
Owner—F. A. Small, 345 E-16th St., Oakland.
Architect—None.
Contractor — Schnebly & Hostrawser, 6th and Jackson Sts., Oakland. $17,000

DWELLING
(5009) NO. 1125 GIRARD AVE., Piermont. One-story 7-room dwelling and garage.
Owner—John H. Moylan, 251 Euclid Ave., Oakland.
Architect—None.
Contractor—Chas. Rogers, 2115 64th Ave., Oakland. $5200

DWELLING
(5010) NO. 1106 GIRARD AVE., Piedmont. One-story 5-room dwelling and garage.
Owner—A. P. Anderson, 5601 Adeline St., Oakland.
Architect—None. $3500

DWELLING
(5011) NO. 1677 GRAND AVE., Piedmont. One-story 7-room dwelling and garage.
Owner — Armand L. Potter, Antioch, Calif.
Architect—None.
Contractor—H. S. Houck, 934 Alma Ave., Oakland. $7500

DWELLING
(5012) NO. 1614 GRAND AVE., Piedmont Ave., Piedmont. Two-story 7-room dwelling.
Owner — E. M. Marfiest, 2827 Russell St., Berkeley.
Architect—None. $5100

DWELLING
(5013) NO. 102 MAGNOLIA AVE., Piedmont. One-story 5-room dwelling and garage.
Owner—A. F. Stewart, 668 Brookwood St., Oakland.
Architect—None. $6000

DWELLING
(5014) NO. 360 MAGNOLIA AVE., Piedmont. One-story 7-room dwelling and garage.
Owner—Leon Corwasso, 477 Wickenson St., Oakland.
Architect—None.
Contractor—V. N. Strang, 1521 9th St., Alameda. $6000

DWELLING
(5015) NO. 90 WILDWOOD AVE., Piedmont. One-story 6-room dwlg. and garage.
Owner—R. B. Vinson, Syndicate Bldg., Oakland.

Architect—None.
Contractor—Leo Dolan, Syndicate Bldg Oakland. $5800

DWELLING
(5016) 637 CLEVELAND AVE., Oakland. 1-story 5-room dwelling.
Owner — G. H. Noble, 1336 Park St., Alameda.
Architect—None. $4500

DWELLING
(5017) W RANSOME AVE. 88 N Carrington, Oakland. 1-story 5-room dwelling.
Owner—A. D. Gordon, 2157 Ransome, Oakland.
Architect—None. $4000

DWELLING
(5018) 1473 SEVENTY-FOURTH AVE. Oakland. 1-story 3-room dwelling.
Owner—T. S. Hansen, premises.
Architect—None. $1300

DWELLING
(5019) 5938 SCENIC WAY, Oakland. 1-story 5-room dwelling.
Owner—Mrs. Engman, 1757 82nd Ave., Oakland.
Architect—None.
Contractor—R. A. Smith, 1757 82nd Ave. Oakland. $4500

ADDITION
(5020) 6415 REGENT ST., Oakland. Addition.
Owner — Herbert B. Van Etten, 2940 Forest Ave., Berkeley.
Architect—None.
Contractor—Louis Engler. $1000

DWELLING
(5021) NW COR. FIFTY-FIFTH AND Brookdale Aves., Oakland. 1-story 6-room dwelling.
Owner—R. C. Hillen, 5364 Trask St., Oakland.
Architect—None. $5000

ALTER & GARAGE
(5022) 2336 FRUITVALE AVE., Oakland. Alter and garage.
Owner—F. Lalow, premises.
Architect—None.
Contractor—W. Broadway, 3432 Salisbury, Oakland. $1500

STORE & FLAT
(5023) W EIGHTY-NINTH AVE. 200 S E-14th St., Oakland. 2-story 6-room store and flat.
Owner—Sarah H. Bickell.
Architect—None.
Contractor—Calif. Builders Co., 1534 Franklin St., Oakland. $5000

GARAGE
(5024) SW COR. SAN PABLO AND Athens Aves., Oakland. 1-story tile garage.
Owner—Geo. Clement, 25th and San Pablo, Oakland.
Architect—None. $2000

DWELLING
(5025) 1321 & 1327 SIXTIETH AVE., Oakland. 2 1-story 5-room dwlgs.
Owner—C. A. Shipman, 6146 Majestic Ave., Oakland.
Architect—None. $2500 each

DWELLING
(5026) W BELVEDERE AVENUE 95 Ygnacio, Oakland. 1-story 6-room dwelling.
Owner—Mrs. Louis Eckstein, 1314 84th Ave., Oakland.
Architect—None.
Contractor—Anthony Flores, 1315 84th Ave., Oakland. $4000

GARAGE
(5027) SW COR. SAN PABLO AND Athens, Oakland. 2 1-story tile garages.
Owner—Geo. Clement.
Architect—None. $1500 each

ADDITION
(5028) 355 SANTA CLARA, Oakland. Addition.
Owner—Lee Gow, premises.
Architect—None.
Contractor—M. A. Bachelder 1528 Carlton St., Berkeley. $3000

SERVICE STATION
(5029) S SEVENTH ST. 100 W Campbell St., Oakland. 1-story steel service station.
Owner—Shell Co. of Calif., 343 Sansome St., San Francisco.
Architect—None. $1400

GARAGE
(5030) S E-TWELFTH ST. 100 E-10th Ave., Oakland. 1-story brick garage.
Owner—A. E. M. Prenville.
Architect—A. W. Smith, Am. Bk. Bldg. Oakland.
Contractor—G. A. Scott, 685 23rd St., Oakland. $11,924

LOFT & STORE BLDG.
(5031) SW COR. TWELFTH & OAK Sts. 100 x 190, Oakland. All work for 3-story reinforced concrete dance hall, loft and store bldg.
Owner—M. F. Smith.
Architect — Schirmer Bugbee & Co., Thayer Bldg., Oakland.
Contractor — Walter Murch, Federal Bldg., Oakland.
Filed Oct. 26, 1923. Dated Oct. 24, 1923.

2nd floor poured	$22,350
3rd floor poured	22,350
Roof on	22,350
Plastered	22,350
Completed and accepted	22,350
Usual 35 days	37,250
TOTAL COST,	$149,000

Bond, $74,500; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 100 days Plans and specifications filed.

DWELLING
(5032) SW COR. GRAND & ENCINAL Ave., Alameda. 1-story dwelling.
Owner—Ralph H. Smith, 955 Neilson, Berkeley.
Architect—None.
Contractor—W. N. Holton.
Filed Oct. 26, 1923. Dated Oct. 20, 1923.
Each week what is due.
Completed and accepted, balance.
TOTAL COST, $7530
Bond, $3765; Sureties, Henry Henricksen and Sam Lee; Forfeit, none; Limit 3 mos; Plans and specifications filed.

STATION
(5033) NW E-FOURTEENTH ST. AND Eighty-fourth Ave., Oakland. One-story tile service station.
Owner—C. C. Hall, 8330 E-14th St., Oakland.
Architect—None.
Contractor—Marshall & Burks, Bacon Bldg., Oakland. $1000

ALTERATIONS
(5034) NW TENTH AND BRUSH Sts., Oakland. Alterations.
Owner—Hebrew Free School.
Architect—None.
Contractor—S Morris & Son, 649 Mariposa Ave., Oakland. $3500

DWELLING
(5035)) NO. 2426 ORANGE AVE., Oakland. One-story 5-room dwelling.
Owner—Campau Hall Bldg. Corp., 5723 College Ave., Oakland.
Architect—None. $3500

ALTERATIONS
(5036) NO. 1301 SEVENTY-SIXTH AV. Oakland. Alterations.
Owner—W. M. Burbank, Premises.
Architect—None. $1500

DWELLINGS
(5037) NO. 1548-54-60-66-72 80TH AVE. Oakland. Five one-story 5-room dwellings.
Owner—Wm. H. Sims, 1940 42nd Ave., Oakland.
Architect—None. $3000 each

DWELLING
(5038) SE HARRISON ST. AND SAN Pablo Ave., 55x100, Berkeley. All work for one-story 7-room dwlg.
Owner—J. A. Varni, Hercules.
Architect—None.
Contractor—H C. Pfrang, 5659 Ocean View Drive, Oakland.
Filed Oct. 27, '23. Dated Sept. 29, '23.

Frame up	$1950
Plastered	1900
Completed	1900
Usual 35 days	1900
TOTAL COST,	$7650

Bond, none. Limit, 120 days. Forfeit, $5. Plans and specifications filed.

APARTMENTS
(5039) NO. 2426-28-36 BANCROFT Way, Berkeley. Two-story 18-room store and apartments.
Owner—T. E. Davis, 2812 Jackson St., Oakland.
Architect—None.
Contractor—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland. $26,000

DWELLING
(5040) NO. 2505 ACTON ST., Berkeley One-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2500

DWELLING
(5041) NO. 2110 TERRACE WALK, Berkeley. Two-story 5-room dwlg
Owner—Grace D. Sturgiss, 964 Euclid Ave., Berkeley.
Architect—C. C. Dakin, 2961 Pine St., Berkeley.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $1000

DWELLING
(5042) NO. 1505 RUSSELL ST., Berkeley. One-story 5-room dwlg.
Owner—James McGuinness, 594 63rd St., Oakland.
Architect—None. $3500

DWELLINGS
(5043) NO. 1337 AND 1333 CARLTON St., Berkeley. Two one-story 4-room dwellings.
Owner—M. P Brasch, 2734 Ashby Ave., Berkeley.
Architect—None. $3500 ea

DWELLING
(5044) NO. 979 VICENTE AVE., Berkeley. Two-story 6-room dwlg.
Owner—N. W. Barnes.
Architect—None.
Contractor—J. Henry Wolbold, 1909 Sonoma Ave., Berkeley. $5000

DWELLING
(5045) NO. 2337 EUNICE ST., Berkeley. Two-sctory 8-room dwlg.
Owner — Walter Williams, 306 San Carlos St., Berkeley.
Architect—None. $6000

DWELLINGS
(5046) NO. 1467 CORNELL AND 1464 Curtis St., Berkeley. Two one-story 3-room dwellings.
Owner—E. F. Beck, 1115 Warfield Ave., Piedmont.
Architect—None.
Contractor—Griffth & Nickerson, 1323 96th Ave., Berkeley. $1250 each

APARTMENTS
(5047) NO. 2527 DWIGHT WAY, Berkeley. Two-story 32-room apartments.
Owner—Mrs. Catherine Black and Mrs. Libbey, 243 Orchard St., Berkeley.
Architect—None
Contractor—F. W. Maurice, 1362 E-25th St., Oakland. $39,000

DWELLING.
(5048) 1323 E THIRTY-SIXTH ST., Oakland. One-story 5-room dwelling.
Owner—C. W Glantz, 737 Brookwood Road, Ookland.
Architect—None. $4000

DWELLING.
(5049) 1426 E THIRTY-SIXTH ST., Oakland. One-story 6-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3500

DWELLINGS
(5050) 1412 1430 E THIRTY-SIXTH St., Oakland. Two 1-story 5-room dwellings.
Owner—Brown & Stenbro, Oakland.
Architect—None. $3000 each.

DWELLING.
(5051) 3442 E SEVENTEENTH ST, Oakland. One-story 4-room dwelling.
Owner—Armando Toci, 1651 35th Ave., Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland. $2700

DWELLING.
(5052) 539 FORTY-SECOND ST., Oakland. One-story 5-room dwelling.
Owner—F. G. Ramme, 3912 Webster St. Oakland.
Architect—None.
Contractor—L J. Ramme. $4000

DWELLING.
(5053) N GEORGIA ST., 300 W Maple, Oakland. One-story 4-room dwelling.
Owner—V. Laisi, 1232 Oregon St., Oakland.
Architect—None. $2500

ELLING.
4) E GLENDORA W 86 N El Centro Ave., Oakland. One-story 5-room dwelling.
er—G. Blomberg, 374 41st St., Oakland.
nitect—None.
tractor—Bay Construction Co., 412 Madison St., Oakland. $4500

ELLING.
5) S HOPKINS ST., 300 E Bruce St., Oakland. One-story 12-room 4-family dwelling.
er — American Construction Co., 1422 14th Ave., Oakland.
nitect—None. $8000

DITION.
6) 4481 HOWE STREET, Oakland. Addition.
er—M. Dadane, premises.
nitect—None. $1500

ELLING
7) 3521 HOPKINS ST., Oakland. 1-story 4-room dwelling.
er—E. Joseph, 638 16th St., Oakland.
nitect—None. $2000

ELLING
8) W HERZOG ST. 90 N 6th St., Oakland. 1-story 6-room 2-family dwelling.
er—American Const. Co., 1422 14th Ave., Oakland.
nitect—None. $4000

ELLING
9) N HAMPEL OPP. LINWOOD, Oakland. 1-story 5-room dwelling.
er—L. G. Hudson, 1771 Evers Ave., Oakland.
nitect—None. $3800

ELLING
0) 4125 MANILA AVE., Oakland. 1-story 5-room dwelling.
ier—J. M. Bandy, 5301 Dover St., Oakland.
nitect—None. $4000

ELLING
1) 1444 ONE HUNDRED THIRD Ave., Oakland. 1-story 5-room dwlg
er—Anfela Naro, 1433 103rd Ave., Oakland.
nitect—None.
tractor — Raymond Ibanez, 1403 103rd Ave., Oakland. $2500

ELLING
2) 2527 ONE HUNDRED NINTH Ave., Oakland. 1-story 5-rm. dwlg.
er — G. R. Blasingame, 3700 San Juan, Oakland.
nitect—None. $3000

ELLING
3) S ROSAL AVE. 297 E Warfield Ave., Oakland. 1-story 5-room dwlg
er—Francis and Jennie Anderson, 484 Cheney St., Oakland.
nitect—None.
tractor—A. L. Fergerson, 1268 75th Ave., Oakland. $4000

ELLING
1) W SEVENTY-EIGHTH AVE. opp. Ash St., Oakland. 1-story 4-room dwelling.
er — Grace E. Hickoh, 1433 46th Ave., Oakland.
nitect—None.
tractor—Wm. Strobel, 1325 Fruitvale Ave., Oakland. $2500

ELLING
5) E SIXTY-FIRST AVE. 320 N Taylor St., Oakland. 1-story 4-room dwelling.
ier—M. R. Broodwell, 1746 84th Ave., Oakland.
nitect—None. $3000

ELLING
6) S SCENIC AVE. 600 E Lincoln Oakland. 1-story 5-room dwelling.
er—H. C. Derby, 3710 Carrington, Oakland.
nitect—None. $3750

ERATIONS
7) 1627 SEVENTH ST., Oakland. Alterations.
er—Geo. Yenio.
itect—None.
tractor — Sutcliffe & Hitchcock, 2902 Chestnut St., Oakland. $1900

ELLING
8) 9845 SCOTT ST., Oakland. 1-story 4-room dwelling.
Owner—Jas. Darland, 9845 Scott St., Oakland.
Architect—None. $1500

DWELLING
(5069) N E-SEVENTEENTH ST. 100 W 35th Ave, Oakland. 1-story 4-room dwelling.
Owner—Armando Toci, 1651 35th Ave., Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland.
Filed Oct. 29, 1923. Dated Oct. 27, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days .....
TOTAL COST, $2700
Bond, Sureties, Forfeit, none; Limit, 80 days; Plans and specifications filed.

FLATS
(5070) STUART ST. E COLLEGE AVE 44 wide East of No. 2723, Berkeley. All work except electric fixtures, window shades and heating system for 2-story flats.
Owner—Mrs. Carrie Donnelly, S. F.
Architect—Carl R. Schmidts.
Contractor—F. W. Thaxter, Berkeley.
Filed Oct. 29, 1923. Dated Oct. 25, 1923.
Roof sheathed $1751
Brown coated 1751
Trim on 1751
Completed and accepted 1752
Usual 35 days 2335
TOTAL COST, $9340
Bond, $4670; Sureties, Hogan Lbr. & Mill Co.; Forfeit, $10 day; Limit, 90 days; Plans and specifications filed.

APARTMENTS
(5071 2239 CEDAR AND NO. 1569 Spruce, Berkeley. Two-story 24-room apartments.
Owner—C. C. Lewis, 430 S-Fifth St., San Jose.
Architect—None. $20,000

DWELLING
(5072) NO. 170 OAK RIDGE ROAD, Berkeley. One-story 6-room dwlg.
Owner—E. N. Ament, 2545 Benvenue Ave., Berkeley.
Architect—None.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $8000

DWELLING
(5073) NO. 2411 ROOSEVELT ST., Berkeley. One-story 5-room dwlg.
Owner—C. H. Charlton. 520 9th St., Berkeley.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave., Berkeley. $3500

DWELLING
(5074) NO. 1046 SIERRA ST., Berkeley One-story 5-room dwelling.
Owner—E. E. Coody.
Architect—None.
Contractor—A. Hendrickson, 6458 Raymond St., Berkeley. $4000

DWELLING
(5075) NO. 1607 TACOMA ST., Berkeley. One-story 5-room dwlg.
Owner—Marion St. John, 1501 Milvia St., Berkeley.
Architect—None.
Contractor—S. M. Hunter, 2103 Woolsey St., Berkeley. $3500

DWELLING
(5076) NO. 239 PALM DRIVE., Piedmont. One-story 6-room dwelling and garage.

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Owner—C. T. Ford, 562 20th St., Oakland.
Architect—None.
Contractor—Ford & Robbins, 5117 Broadway, Piedmont. $5700

DWELLING
(5077) NO. 63 SPRING AVE., Piedmont, Piedmont. One-story 6-room dwelling.
Owner—May A. Preston, Oakland.
Architect—None.
Contractor—E. J. McCord, San Leandro $5700

DWELLING
(5078) NO. 1115 GIRARD AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—J. B. Peppin, 851 Trestle Glen Oakland.
Architect—None. $5700

DWELLING.
(5079) 2845 BROOKDALE AVE., Oakland. 1-story 4-room dwelling.
Owner—N. A. Blodgett, 3940 E-14th St. Oakland.
Architect—None. $2500

DWELLING
(5080) 1600 E-THIRTY-EIGHTH ST., Oakland. 1-story 6-room dwelling.
Owner—L. H. Legris, 1351 Hampel St., Oakland.
Architect—None. $4900

ADDITION
(5081) 1341 E-THIRTY-FOURTH ST., Oakland. Addition.
Owner—H. H. Joyce, premises.
Architect—None.
Contractor—F. J. Farnham 1350 E-33rd St., Oakland. $1500

DWELLING
(5082) W FIFTY-EIGHTH AVE. 250 S E-14th St., Oakland. 1-story 4-room dwelling.
Owner—E. Lundberg, 3438 Magnolia St Oakland.
Architect—None. $1800

DWELLING
(5083) 6114 FOOTHILL BLVD., Oakland. 1-story 5-room dwelling.
Owner—Hill & Walters, 1600 High St., Oakland.
Architect—None. $3000

DWELLING
(5084) NE COR. GRANT & FLORA ST Oakland. 1-story 6-room dwelling.
Owner—John Avila, 1194 71st Ave., Oakland.
Architect—None. $2750

DWELLINGS
(5085) N HOLLY ST. 181 217 252 E 78th Ave.;
N HOLLY 146 287 E 78th Ave., Oakland. 5 1-story 5-room dwellings.
Owner—C. A. Pratt, 1309 Myrtle St., Oakland.
Architect—None. $2000 ea.

DWELLING
(5086) W LAKESHORE 50 N Rosal Ave., Oakland. 1-story 5-room dwlg
Owner—C. J. Madey, 5301 College Ave., Oakland.
Architect—None.
Contractor—A. Meyers, 3139 Ellis St., Oakland. $4900

DWELLING
(5087) 664 MANDANA BLVD. Oakland 1-story 6-room dwelling.
Owner—A. A. Saxe, 3563 Sacramento St San Francisco.
Architect—None.
Contractor—W. B. Malick, 2122 High St., Oakland. $6000

SHOP
(5088) S NINTH ST. 125 W Alice St., Oakland. 1-story tile shop.
Owner—Hugo Pysen.
Architect—None.
Contractor—Mullen & La Voie, 265 9th St., Oakland. $1690

DWELLING
(5089) W ONE HUNDRED FOURTH Ave. 100 S Griffin, Oakland. 1-story 5-room dwelling.
Owner — E. B. & A. L. Stone, Claus Spreckels Bldg., San Francisco.
Architect—None. $3500

DWELLING
(5090) W SHATTUCK AVE. 80 N 51st St., Oakland. 1-story 4-room dwlg.
Owner—Tony Ferro, 493 48th St., Oakland.

Architect—None.
Contractor—Wm. C. Helms, 1030 8th St. Oakland. $2000

DWELLING
(5091) E SIXTIETH AVE. 40 S East Laun. Oakland. 1-story 4-rm dwlg.
Owner—W. W. Heltman, 1751 60th Ave. Oakland.
Architect—None. $1800

DWELLING
(5092) 4424 VIEW ST., Oakland. 2-story 7-room dwelling.
Owner—S. M. Gardner, 4379 Howe St., Oakland.
Architect—None.
Contractor—F. V. Lovejoy, 4002 Randolph Ave., Oakland. $4500

DWELLING
(5093) N WELD ST. 200 W 73rd Ave., Oakland. 1-story 4-room dwelling.
Owner — Hans Johnson, 2870 Peralta Ave., Oakland.
Architect—None. $3000

DWELLING
(5094) LOT 6 BLK 36 Amended Map Fairmont Park, Albany. All work for frame dwelling.
Owner—Rose E. Lawton, 3268 Hannah St., Oakland.
Architect — Vincent Buckley, Monadnock Bldg., San Francisco.
Contractor—H. J. Thompson.
Filed Oct. 30, '23. Dated Oct. 27, '23.
Contract signed $500
Enclosed 875
Brown coated 875
Completed 875
Usual 35 days..... 875
TOTAL COST, $4000
Bond, $200. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, $1.50. Plans and specifications, none.

FLATS
(5095) LOT 17 BLK 8 MAP RESUBdivision ptn. Plat entitled T H Antiselly Map Villa Lots, Berkeley. All work for 2-story flats.
Owner—Helen A. Josephine and Alice Stewart 1538 Arch St., Berkeley.
Architect—None.
Contractor — H. Elmer Johnson, San Leandro.
Filed Oct. 30, 1923. Dated Oct. 29, 1923.
Rafters up $2500
Brown coated 2500
Int. ready for paint 2500
Completed and accepted 3000
Usual 35 days 2000
TOTAL COST, $12,500
Bond, $6250; Sureties, National Surety Co.; Forfeit, none; Limit, 90 days; Plans and specifications filed.

BUILDING
(5096) NW COR. TWENTY-SEVENTH and Alicia Sts. 43x100, Oakland. All work for 1-story plating works building.
Owner—R. C. Cavallera, H. F. Cavallera and J. Esposito (Progress Plating and Enameling Works), 27th St. and San Pablo Ave., Oakland.
Architect—A. W. Smith, American Bk. Bldg., Oakland.
Contractor—Geo. H. Taylor, 3515 Market St., San Francisco.
Filed Oct. 30, 1923. Dated Oct. 1, 1923.
Ready for roof .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $4850
Bonds, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications, none.

DWELLING
(5097) LOT 13 SPRINGER TRACT, Oakland. 1-story dwelling.
Owner—Emil and Marie A. Delmas, 1003 Carlton, Berkeley.
Architect—None.
Contractor — Contractors Exchange, Oakland.
Filed Oct. 29, 1923, Dated June 5, 1923.
Enclosed $1000
Plastered 1000
Completed and accepted 1000
Usual 35 days 850
TOTAL COST, $3850
Bond, Sureties, Forfeit, Limit, none; Plans, none; Specifications filed.

RESIDENCE
(5098) 105 ARBOR DRIVE, Piedmont. 2-story 7-room residence and garage.
Owner—G. J. Mauer Co., 177 Ridgeway, Piedmont.
Architect—None. $7000

RESIDENCE
(5099) 1155 GIRARD AVE., Piedmont. 1-story 6-room residence and garage.
Owner—J. B. Peppin, 851 Trestle Glen, Piedmont.
Architect—None. $5100

DWELLING
(5100) 63 Spring Ave., Piedmont. 1-story 6-room dwelling.
Owner—May S. Preston, Oakland.
Architect—None.
Contractor—E. J. McCord, San Leandro. $—

SHOP
(5101) FT SCHILLER ST., Alameda. Flote shop.
Owner—Gen. Eng. & Dry Dock Co., premises.
Architect—None. $4000

DWELLING
(5102) 827 CENTENIAL, Alameda. 1-story 5-room dwelling.
Owner—G. Prueti, 835 Centenial Ave., Alameda.
Architect—None.
Contractor — Reite Bros., 558 Haight Ave., Alaceda. $3500

DWELLING
(5103) 2608 EAGLE AVE., Alameda. 1-story 5-room dwelling.
Owner—Mrs. C. Ghiselli, 1312 Fountain St., Alameda.
Architect—None.
Contractor—M. Bacigalup, 1312 Fountain St., Alameda. $3000

DWELLING
(5104) 3210 THOMPSON ST., Alameda. 1-story 6-room dwelling.
Owner—C. W. Friedman, 1518 Paru St. Alameda.
Architect—None.
Contractor—L. R. Chafton, 442 Haight Ave., Alameda. $4500

DWELLING
(5105) 1125 GRAND ST., Alameda. 1-story 6-room dwelling.
Owner—R. H. Smith, 1829 Encinal Ave. Alameda.
Architect—None.
Contractor—W. M. Holton, Syndicate Bldg., Alameda. $8000

DWELLINGS
(5106) 1117 & 1121 GRAND ST., Alameda. 2 1-story 5-room dwellings.
Owner — W. M. Holton, Hotel Royal, Alameda.
Architect—None. $4000 each

DWELLING
(5107) 1619 SANTA CLARA AVE., Alameda. 1-story 6-room dwelling.
Owner—Arthur Laheney.
Architect—None.
Contractor—A. J. Thelle, 2905 Madison St., Alameda. $5700

ALTERATION
(5108) 1829 ALCATRAZ, Berkeley. Alterations.
Owner — Ashby Furniture Co., 3287 Adeline St., Oakland.
Architect—None.
Contractor—Arthur T. Ehrenpfort, 671 Alcatraz Ave., Oakland. $1800

DWELLING
(5109) 2906 FORREST, Berkeley. 2-story 9-room dwelling.
Owner—E. D. Fortman, 803 Haight St. Alameda.
Architect—None.
Contractor—John Nielsen, 1430 9th St., Alameda. $6000

DWELLING
(5110) 1322 McGEE, Berkeley. 1-story 8-room 2-family dwelling.
Owner—Mrs. A. Hollis, 1507 Josephine St., Berkeley.
Architect—None.
Contractor—R. F. Miller, 1634 Beverly Place, Berkeley. $4500

DWELLINGS
(5111) 1298 & 1300 OXFORD ST., Berkeley. 2 1-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000 each

DWELLING
(5112) 558 CROFTON AVE., Oakland. 1-story 6-room dwelling.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. $5100

DWELLING
(5113) 3842 DIVISION ST., Oakla 1-story 5-room dwelling.
Owner—A. C. Krueger, 4008 Divisi St., Oakland.
Architect—None. $4

ALT. & ADDITION
(5114) 2020 ELEVENTH AVE., Oa land. Alteration and addition.
Owner—Harry McGrew.
Architect—None.
Contractor—Fred Omo, 2128 11th Av Oakland. $2

DWELLINGS
(5115) 1606-12-18-24-30 EIGHTIE Ave., Oakland. 5 1-story 5-ro dwellings.
Owner—A. E. Orton, 2558 Seminary A Oakland.
Architect—None. $3000 ea

DWELLING
(5116) 5404 FOOTHILL BLVD., Oa land. 1-story 5-room dwelling.
Owner—C. H. Knocke, Mill Valley.
Architect—None.
Contractor — Leo J. Dolan, Syndica Bldg., Oakland. $3

DWELLINGS
(5117) 2720 & 3726 MADELINE, Oa land. 2 1-story 4-room dwellings.
Owner—P. A. Dolan, E 14th St. & 22 Ave., Oakland.
Architect—None. $2500 ea

ALTERATION
(5118) 465 OAKLAND AVE., Oakla Alterations.
Owner—F. Willis Sharpe, premises.
Architect—None.
Contractor—Moore & Fisher, 446 38 St., Oakland. $18

DWELLING
(5119) NW COR. PERALTA & MA eline, Oakland. 1-story 5-rm. dw
Owner—P. A. Dolan, E-14th St. a 22nd Ave., Oakland.
Architect—None. $30

DWELLINGS
(5120) 3815 & 3821 PERALTA AV Oakland. 2 1-story 5-room dwl
Owner—P. A. Dolan, E-14th St. a 22nd Ave., Oakland.
Architect—None. $3000 ea

DWELLING
(5121) 1459-61 SIXTY-FIFTH AV Oakland. 1-story 6-room 2-fam dwelling.
Owner—American Const. Co., 1422 14 Ave., Oakland.
Architect—None. $40

SALES ROOM
(5122) N SIXTEENTH ST. 100 W My tle St., Oakland. 1-story sales roo
Owner—D. J. Canty, 954 16th St., Oa land.
Architect—None. $2

DWELLING
(5123) 9527 SUNNYSIDE, Oakla 1-story 4-room dwelling.
Owner—American Const. Co.
Architect—None. $2

DWELLING
(5124) 2474 SIXTY-SECOND AV Oakland. 1-story 6-room dwelli
Owner—Geo. B. Davis, 3283 Hyde, Oa land.
Architect—None. $3

DWELLING
(5125) 2256 SIXTY-EIGHTH AV Oakland. 1-story 5-room dwelling.
Owner—Lewis Graham, 2740 77th Av Oakland.
Architect—None. $4

GARAGE
(5126) 428 WAYNE AVE., Oakla Garage.
Owner—Ad Santel.
Architect—None.
Contractor—C. Texdahl, 5375 Belgra Pl., Oakland. $1

DWELLING
(5127) 428 WAYNE AVE., Oakland. story 6-room dwelling.
Owner—Ad Santel.
Architect—None.
Contractor—C. Texdahl, 5375 Belgra Place, Oakland. $6

STORE & OFFICE BLDG.
(128) E-FOURTEENTH STREET on first 25 E 319, Oakland. All work for 2-story concrete store and office building.
Owner—Robert M. Fitzgerald, 456 Van Buren St., Oakland.
Architect—Chas. W. McCall and Chas. T. Davis, Central Bank Bldg., Oakland.
Contractor—M. E. Hopper & Sons, 1117 Webster St., Oakland.
Filed Oct. 31, 1923. Dated Oct. 16, 1923.
1st and 15th each month.....70%
Completed and accepted 5%
Usual 35 days 25%
TOTAL COST, $12,108
Bond, $6054; Sureties, Fidelity & Deposit Co.; Bonus, $7,50; Forfeit, $7,50; Limit, 70 days; Plans and specifications filed.

CHURCH
(129) COR. HOPKINS ST. & NAPA Ave. being Lots 1 & 2 Blk G Northbrae Terrace, Berkeley. All work except plumbing and heating for church.
Owner—Board of Trustees Northbrae M E Church of Berkeley.
Architect—George Rushforth, 354 Pine St., San Francisco.
Contractor — Thomas A. Cuthbertson, 1766 12th Ave., San Francisco.
Filed Oct. 31, 1923. Dated Oct. 17, 1923.
Main floor joists set $5000
Sheathed 5500
Ext. plastered except dash coat. 6000
Int. plastered 5000
Completed and accepted 6016
Usual 35 days 9172
TOTAL COST, $36,688
Bond, 18,400; Sureties, J. H. McCallum & F. W. Roth; Forfeit, none; Limit, 90 days; Plans and specifications filed

(130) PLUMBING ON ABOVE.
Contractor—Carl T. Doell,, 467 21st St., Oakland.
Filed Oct. 31, 1923. Dated Oct. 17, 1923.
Roughed in $600
Completed and accepted 605
Usual 35 days 402
TOTAL COST, $1607
Bonds, Sureties, Forfeit none; Limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Oct. 25, 1923—LOT 17 and W 8-8 Blk 8, Resbdvn Ptn Hollywood, Oakland. Chas W Slack to whom it may concern.....Oct. 24, 1923
Oct. 25, 1923—NW E-FOURTEENTH and 35th Ave W 43.24 N 94.66 E 4.71 S 94.95, Oakland. A Wolff to B Petersen.....Oct. 11, 1923
Oct. 25, 1923—SW 50, LOT 32 Map Key Route Acres, Oakland. H L Galleroy to whom it may concern .....October 23, 1923
Oct. 25, 1923—NO. 5215 COLE ST., Oakland. Stuart Williams to whom it may concern.....Oct. 24, 1923
Oct. 25, 1923—LOT 1 BLK "C" Broadway Terrace, Oakland. F H Moren to I W Button..July 25, 1923
Oct. 24, 1923—LOT 4 BLK 14 Map Resbdvn Ptn Broodmoor, San Leandro. Ignatz and Wanda Olesiewicz to Alfred Peterson.Oct. 15, 1923
Oct. 26, 1923—LOT 10 BLK "L" Map Subdivision Blk, I. J. and L. Harton Tract, ——. Marian McArthur to whom it may concern.Oct. 26, 1923
Oct. 26, 1923—LOT 19 BLK "F" Golden Gate Tract, Oakland. Thor Grove to whom it may concern.. .....Oct. 26, 1923
Oct. 26, 1923—LOT 41 BLK 2036 Map Rowland Tract, Oakland, Alice McFarland to whom it may concern.....Oct. 26, 1923
Oct. 26, 1923 — NO. 9311 E-FOURTEENTH, Oakland. Hother S Olsen to Neergard.....Oct. 26, 1923
Oct. 27, 1923—NO. 4245 REDDING ST. Oakland. E H Harrison to L A Peters.....Oct. 25, 1923
Oct. 27, 1923—SE TENTH & ALICE 100xE 54-4, Oakland. Floyd N and Pearl L Averill to Barrett & Gilp.....Oct. 27, 1923
Oct. 27, 1923—LOT 21 and Ptn Lot 22 Blk "A" Map Waterside Terrace, Alameda. Lucien L Schwarz to J F Holloway.....Oct. 25, 1923
Oct. 26, 1923—N WELDON AVE 400 Lakeshore Ave., Oakland. A T Anderson to whom it may concern.....Oct. 26, 1923
Oct. 26, 1923—NW CENTRAL AVE & Oak St. W 160xN 140, Alameda. First M E Church of Alameda to Thomas A Cuthbertson..Oct. 20, 1923
Oct. 26, 1923—S ORCHARD 100 W Summit 50x125, Oakland. A Davis to Harry C Knight.....Oct. 22, 1923
Oct. 29, 1923—LOT 55 BLK 4, Map Havenscourt, Oakland. William Gardner to whom it may concern.. .....Oct. 27, 1923
Oct. 29, 1923—NE ADELINE AND Twenty-second N 250 E 127 S 36-6 E 127 S 213-6 W 254, Oakland. John Breuner Co to Ariss-Knapp Co.... .....Occober 26, 1923
Oct. 29, 1923—S 10 LOT 6 AND N 30 Lot 7 Blk 1 Map Jose Domingo Tract, Berkeley. Douglas Campbell to whom it may concern.... .....October 27, 1923
Oct. 29, 1923—NO. 16 WOODLAND Way, Piedmont. Hammond Weeks to Alfred Peterson.....Oct. 25, 1923
Oct. 29, 1929—LOTS 11, 12 AND 13 Blk 1, Havenscourt, Oakland. Helen E Brown, Chas F and Lillian C Hine to C P Pond.... .....October 27, 1923
Oct. 30, 1923—PT. 480 SW OF NE Cor. First and Market Sts. SW 80x SE 80, Oakland. P. G. & E. Co. to Darling Metal & Pipe Works.... .....October 22, 1923
Oct. 30, 1923—S PARKER 95.50 W Fegent W 62xS 50, Berkeley. Mary Jan Jonsson to Verne Dildine.... .....October 29, 1923
Oct. 30, 1923—PTN LOT 6 BLK 2 State University Homestead Ass'n., Berkeley. Arthur H Pedersen to whom it may concern....Oct. 22, 1923
Oct. 30, 1923—LOT 1 BLK 20 Map Melrose Heights, Oakland. I A Marsan to California Builders Co.. .....October 29, 1923
Oct. 30, 1923—N FORTIETH 220 W Webster, Oakland. M G Kendall to California Builders Co..... .....October 26, 1923
Oct. 30, 1923—NE THIRD AND Broadway, Oakland. Max Dubovsky to whom it may concern..... .....October 29, 1923
Oct. 31, 1923—NO. 6101 ROCKRIDGE Blvd., Okd. Conrad J A Mattson to whom it may concern.Oct. 31, 1923
Oct 31, 1923—PTN LOT 46 Map Lakeshore Park Heights, Oakland. O T Nish to Beadell & Lane ....October 31, 1923
Oct. 31, 1923—NW NINTH AVE 406.54 SW Silver SW 30xNW 100, Oakland. Clarence K Nichols to whom it may concern .....October 30, 1923
Oct. 31, 1923—PT. 480 SW OF NE Cor. First and Market SW 80xSE 80, Oakland. P G & E Co to Chas C Moore & Co.....Oct. 24, 1923
Oct. 31, 1923—LOT 25 BLK 5, Map Berkeley Heights, Berkeley. A H Pallen to whom it may concern.. .....October 30, 1923
Oct. 31, 1923—LOT 27 BLK "M" Ivey-wood Tract, Oakland. Albert J Schmid to whom it may concern.... .....October 21, 1923
Oct. 31, 1923—LOT 46 Map Allendale Park, Okd. Adam Kramer to whom it may concern....Oct. 10, 1923
Oct. 31, 1923—LOTS 14 TO 23 Incl. A complete Map of Oakland. Hebern Elec Code Inc to East Bay Sheet Metal Works.....Oct. 29, 1923
Oct. 31, 1923—LOT 45 Map Allendale Park, Okd. Adam Kramer to whom it may concern..Oct. 10, 1923

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Oct. 26, 1923—NE VICENTE PERALta Reserve & NW Ocean View Dr. NW 173.02 SE 95.13 NE 20.66 SE 110.57 SW 75, Oakland. Yager Sheet Metal Co., $107.25; California Brick Co., $920.22; Union Construction Co., $271.10 vs F. A. Anderson....
Oct. 26, 1923—LOT 13 & N 18 LOT 14 Blk 124/193x Corrected Map Raymond Tct, Berkeley. W. R. Haynes vs. A. R. Perry $66.60
Oct. 26, 1923—LOTS 33 & 34 BLK 13 Regents Park No. 8, Albany. A. H. Hasseler vs. Geo. Schlanosky and the Spring Estate Co. & John Doe. $263.50
Oct. 26, 1923—LOT 52 BLK 6 RE-SUB Ptn. North Cragmont, Berkeley. E. K. Wood Lumber Co. vs Gladys L. and A. D. Whearty and D. Condon $134.36
Oct. 27, 1923—E CAMPBELL 141 N Seventh 36x100, Oakland. J G and Emma B Poorman (J G Poorman & Co) vs Albert Reed.....$33.20
Oct. 29, 1923—PTN LOT 39, Map Crocker Highlands, Oakland. Wm J Diacometti vs Henrietta S Clark $51.90
Oct. 30, 1923—S FORTY-FIRST ST. 272 W Market St. W 50 S 118, Oakland. Sunset Lmbr. Co. vs. Henry E. and Mary E. Morrison.....$90.38
Oct. 31, 1923—LOTS 18 & 19 BLK 5, Map Chevrolet Park, Oakland. Sunset Lumber Co vs C H Luther and wift $167.84
Oct. 31, 1923—E 29½ LOT 3 and W 20½ Lot 2 Map Highland Court. Piedmont. Sunset Lumber Co vs Julie I Haste and Beach & Noble $120.19
Oct. 31, 1923—E MENDOCINO AVE 188 40 S Indian Rock Ave S 45.07 E 118.20 45 W 115.78, Berkeley. George Stoddard vs H K Schulz. Charles Boynton and W E Mitchell $58 65

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Oct. 29, 1923—E SHATTUCK AVE 54 N Addison E 73 N 84 21 W 72.67 S 84.50. Berkeley. S Rodgers to P E Bowles et al $455

Notice of Non-Responsibility

ALAMEDA COUNTY

Oct. 25, 1923—LOT 14 and SW 15 Lot 13 Blk 4, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property..
Oct. 25, 1923—SW HOPKINS 140 SE 38th Ave SE 50 SW to right-of-way of San Jose Short Line, Oakland. Alameda Investment Co as to improvements on property.....
Oct. 25, 1923—LOTS 27 AND 28 BLK 14 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property...
Oct. 26, 1923—POINT OPP. at right Angels to Engineer Station 1780+95 NE 55xSE 20, Livermore. S. P. Co as to improvements on property
Oct. 26, 1923—W GRAND 140 S Encinal Ave W 100xN 90, Alameda. Ralph H Smith as to improvement on property.....
Oct. 26, 1923—SW GRAND ST. AND Encinal Ave. S 50xW 100, Alameda. Raalph H Smith as to improvements on property.....
Oct. 27, 1923—PTN LOT 174 Resubdivision Blk "D" Meek Estate Orchards, Eden Tp. H W Meek Estate, Inc as to improvements on property .....

RECISSION

Oct. 30, 1923—LOTS 62 63 64 BLK 1 Map No. 4 Regents Park; 2, Lot 6 Blk Amended Map Fairmont Park; owner, Rose E. Lawton, with H. J. Thompson; dated Oct. 15, 1923; filed Oct. 19, 1923

ARCHITECT'S CERTIFICATE

ALAMEDA COUNTY

Oct. 31, 1923—F. Eugene Barton has filed his certificate of architecture for Alameda County.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, one-story 5-room and garage, $2500; No. 3821 Sherman Way, Sacramento; owner, C. C. Ruby, 1518 20th St., Sacramento.

DWELLING, one-story 5-room and garage, $7000; No. 1015 41st St., Sacramento; owner, A. F. Brickman, 1419 26th St., Sacramento; contractor, E. W. Book, 2912 G St., Sacto.

ADDITION, $3500; No. 1630 Seventh St., Sacramento; owner, F. H. King, Premises.

DWELLING, one-story 6-room and garage, $4200; No. 1613 U St., Sacramento; owner, P. Peletta, 1415 T St., Sacramento; contractor, W. L. Chatterton, 1032 42nd St., Sacto.

DWELLING, one-story 5-room and garage, $3500; No. 1248 34th St., Sacramento; owner, R. H. Muddox, 3315 N St., Sacramento.

DWELLING, one-story 6-room, $3500; No. 948 36th St., Sacramento; owner, Joe Nunez, 1825 3rd St., Sacramento; contractor, M. Furtado, 2422 18th St.

DWELLING, one-story 5-room and garage, $4600; No. 809 Santa Ynez Way, Sacramento; owner, A. P. and T. Dumont, 2630 T St., Sacramento; contractor, J. T. Hunt.

DWELLING, one-story 5-room and basement, $4000; No. 2916 H St., Sacramento; owner, A. Simmonds, 4715 Folsom Blvd., Sacramento.

DWELLING, one-story 2-flat 4-room, $7000; No. 1709 T St., Sacramento; Owner, M. A. Fraits, 1728 S St., Sacramento.

PRIVATE garage, $7500; No. 512 L St., Sacramento; owner, B. S. Berry, 817 27th St., Sacramento.

DWELLING,andL beS.

REPAIRS dwelling, $3300; Lot 432 W. & K Tct., Sacramento; owner, J. S. Goldie, 1500 39th St., Sacramento contractor, W. R. Saunders.

CHANGE position of house, $3600; No. 1020 37th St., Sacramento; owner, O. Pruinelli, 1100 22nd St., Sacramento; contractor, C. Vanina.

DWELLING, one-story 6-room, $3000; No. 3125 E St., Sacramento; owner, Mrs. L. Stuz, 2000½ K St., Sacto.

DWELLING and garage, 1-story 5-rm., $3500; Sacramento; owner, C. J. Ettel, 1515 23rd, Sacramento.

DWELLING, 1-story 5-room, and garage, $3800; 1121 T, Sacramento; owner, Martin McCann, 2225 12th St., Sacramento; contractor, Rowen & Son, 1816 F, Sacramento.

DWELLNIG, 4-room, $2500; 2321 I, Sacramento; owner, A. Virgilio, 1218 F, Sacramento.

VAULT, $2750; Lot 8 H-I-7-8, Sacto.; Owner, Sac. Abst. & Title Co., 701 I, Sacramento; contractor, Siller Bros.

DWELLING, four-room and garage; $2500; Owner Mary E. Mattox; contractor, C. C. Johnson.

DWELLING, 1-story 5-room, and garage, $3500; 2516 31st Sacramento; owner, J. W. Elmore, 2500 41st, Sacramento; contractor, C. J. Hopkinson.

DWELLING, 4-room 1-story, and garage, $2500; 864 7th Ave., Sacto.; owner, P. R. Opdyke, 1009 7th Ave. Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

Oct. 17, 1923—E 35 FT. LOTS 11 AND 12 Blk 55 Sub E, Oak Park, Sacramento. Domenico Varasio and Anna M (ux).....Oct. 17, 1923

Oct. 17, 1923—LOTS 1 AND 2 BLK L Highland Park, Sacramento. Sacramento Biscuit Co to whom it may concern .....Oct. 17, 1923

Oct. 15, 1923—SEVENTH AND S STS., Sacramento. Grace Day Home to whom it may concern....May 9, 1923

Oct. 24, 1923—S ½ LOT 8, U, V, 21st and 22nd Sts., Sacramento. Nannette and Sol Nathan to whom it may concern.....April 18, 1923

Oct. 25,, 1923—LOT 6, H, I, 16th and 17th Sts., Sacramento. Edith L and Lillian L Grove to whom it may concern.....Oct. 15, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

Oct. 20, 1923—LOT 1247, W & K Tract 27, Sacramento. E D Brier vs J W Parker $1958.83

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

SCHOOL

BOULDIN ISLAND, Stockton. All work for school building.

Owner—George Shima, McLeod's Lake, Stockton.

Architect—None.

Contractor—Frank Tucker, 321 N-Sierra Nevada St., Stockton.

Filed Oct. 23, '23. TOTAL COST, $5497

Bond, none. Limit, within 40 working days. Forfeit, plans and specifications none.

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

CHURCH, $25,000; No. 1020 Belmont Ave., Fresno; owner, Northside Christian Church; architect, R. E. Stamp & Swartz & Ryland, Rowell Bldg., Fresno.

OFFICE and bank bldg., $1,000,000; J and Mariposa Sts., Fresno; owner, Pacific SouthwestTrust & Savings Bank; architect and contractor, R. F. Felchlin Co., T. W. Patterson Bldg., Fresno.

STORES and garages, $50,000; No. 1155 Forthcamp Ave., Fresno; owner, C. H. Cobb, Fresno; contractor, Trewhitt-Shields, Rowell Bldg., Fresno.

DWELLING, $3000; No. 719 Mayor St., Fresno; owner, Geo. Gross, 361 E St., Fresno; contractor, Carl Vogt, 1236 San Benito St., Fresno.

DWELLING, $3500; 1274 Arthur St., Fresno; owner, C. W. Lowrie, 967 Wilson, Fresno; contractor, H. L. Humphreys, Fresno.

STORE, $6000; 1919 S Broadway, Fresno; owner, McMurtry & McCabe, 837 Broadway, Fresno; contractor, A. Allen, 259 Blackstone, Fresno.

DWELLING, $4500; 722 Weldon Ave., Fresno; owner, C. L. Saylor, 810 Peralta Way, Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

Oct. 23, 1923—S 15 FT. LOT 2, all Lot 3, Tannahill Tract, Fresno. Geo Sedgewick to W T Harris.Oct 22, 1923

Oct. 23, 1923—LOT 11 BLK 3, Droge Park, Fresno. Wm Ellis to whom it may concern.....Oct. 22, 1923

Oct. 24, 1923—LOTS 11 AND 12 BLK 2, Normal Vista. D H Bolton to whom it may concern.....Oct. 22, 1923

Oct. 24, 1923—LOT 42 W ½ Lot 41, —, Pinedale. J W Hunt to whom it may concern.....Oct. 5, 1923

Oct. 25, 1923—LOTS 11 & 12 BLK 1, Fresno Home and School Tract. L. D. Lynd to whom it may concern .....Oct. 24, 1923

Oct. 25, 1923—LOTS 7, 8 PRICHARD Place, Fresno. J. A. Schlotthauer to whom it may concern.Oct. 24, 1923

Oct. 26, 1923—N 41.5 LOT 1, MEADow Brook Tract, Fresno. R. G. Kennedy to whom it may concern .....Oct. 24, 1923

Oct. 29, 1923—LOT 15 W 15 Lot 16 Blk 2, Fresno Heights No. 2. C D Edgerly to whom it may concern.. .....October 25, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amou

Oct. 23, 1923—LOTS 7 AND 8 BLK 1 Torrance Terrace, Fresno. O F Stearns vs C S Goodenough et al.. .....$

Oct. 23, 1923—LOTS 8 AND 9 BLK 1 Torrance Terrace, Fresno. O F Stearns vs C S Goodenough et al.. .....$

Oct. 24, 1923—E ½ LOT 6 BLK 11 Wilson North Fresno Tct, Fresno Bingham-Wenks Planing Miss v P A Wilf Bldg Co.....$2

Oct. 24, 1923—LOT 15 SE 20 Lot 16, B B Heights, Fresno. Bingham-Wenks Planing Mill Co vs P A Wolf and Elmas Epekjian.....$

Oct. 24, 1923—LOTS 12 TO 16 BLK 36 Fresno. Bingham-Wenks Planing Mill vs P A Wolff Bldg C and Martin Soligian.....$2

Oct. 24, 1923—LOTS 12 TO 16 BLK 36 Fresno. Craycroft-McKnight Brick Co vs P A Wolff Bldg Co and Martin Soligian.....$

Oct. 24, 1923—LOTS 27 AND 28 BLK 2, Torrance Terrace, Fresno. Craycroft-McKnight Brick Co vs P A Wolff and P A Wolff Bldg Co...$

Oct. 24, 1923—LOTS 16 AND 17 BLK 10, College Addition, Fresno. Craycroft-McKnight Brick Co vs P A Wolff and P A Wolff Bldg Co...$

Oct. 24, 1923—LOT 1 BLK 19, Hazelwood. Hollenbeck-Bush Planing Mill vs Hagop Avakian and H Zeronian .....$

Oct. 24, 1923—LOT 1 BLK 19, Hazelwood. Valley Lumber Co vs H Avakian .....

Oct. 24, 1923—LOTS 34 AND 35 BLK 3, Torrance Terrace, Fresno. Routt Lumber Co, Inc vs NE Deardorff..$

Oct. 24, 1923—LOTS 15 AND 16 BLK 88, Fresno. Routt Lumber Co, In to R C Cottman.....$1

Oct. 24, 1923—LOTS 12 TO 16 BLK 36 Fresno. Otto W Baty vs Martin Soligian and P A Wolff Bldg Co.$

Oct. 26, 1923—LOTS 15 & 16 BLK 8 Fairmont Add., Fresno. Smith Hdw Co vs R. C. Cottman.....

Oct. 26, 1923—LOT 1 BLK 19 HAZELwood, Fresno. Swastika Lumber C vs. H. Avakian $1

Oct. 26, 1923—LOTS 27 & 28 BLK Torrance Terace, Fresno. T. C Paint Store vs P. A. Wolff and A. Wolff Bldg. Co.....

Oct. 26, 1923—LOTS 13 & 14, BLK North Park Terrace, Same vs. Sam .....$

Oct. 26, 1923—E ½ LOT 6 BLK 1 Wilson North Fresno Tract, Fresn Same vs. Same .....

Oct. 26, 1923—LOT 15 SE 20 FT LO 6 BLK 47 K B Hts, Fresno. Sam vs Elmas Epekjian and P. A. Wolf Bldg. Co.....$

Oct. 26, 1923—LOTS 27 & 28 BLK 9 Fairmont Add., Fresno. Same vs Jo Calla and P. A. Wolff Bldg Co....

Oct. 2½, 1923—LOT 6 E 17 FT LOT Blk 2 St. Francis Wood, Fresno Craycroft-McKnight Brick Co. v P. A. Wolff .....$

Oct. 26, 1923—LOTS 13 & 14 BLK North Park Terrace, Fresno, Mon tague, Z. J. vs. Same .....

Oct. 26, 1923—LOT 1 BLK 19 HAZELwood, Fresno. K. Shirian vs. H Avakian .....$

Oct. 29, 1923—LOT 1 BLK 19, Hazewood. Jacob S Yeramian Hagop Avakian and Hovsep Zeonian .....

Oct. 29, 1923—LOTS 15 AND 16 BL 88, Fairmont. Routt Lumber C Inc vs R C Cottman.....$

Oct. 29, 1923—LOT 15 SE 20 LOT Blk 47, K. B. Heights, Fresn Same vs Peter A Wolff and Elma Epekjian .....$

Oct. 29, 1923—LOTS 12 TO 16 BLK 3 Fresno. Same vs Peter A Wol and Martin Soligian .....$

Oct. 29, 1923—E ½ LOT 6 BLK 1 Wilson North Fresno Tract. San vs Peter A Wolff .....$

Oct. 29, 1923—LOTS 16 AND 17 BL 10, College Add'n., Fresno. San vs Same .....

Oct. 29, 1923—LOT 15 SE 20 LOT Blk 47, K. B. Hts, Fresno. Bingham-Wenks Planing Mill vs Elma Epekjian and P A Wolff Bldg Co .....$

Oct. 29, 1923—E ½ LOT 6 BLK 11, Wilson North Fresno Tract G W Attwarter vs P A Wolff and J C Pridham $456
Oct. 29, 1923—LOT 15 SE 20 LOT 16 Blk 47, K. B. Hts., Fresno. C E McMullin vs P A Wolff Bldg Co and Elmas Epekjian.....$191
Oct. 29, 1923—LOTS 13 AND 14 BLK 8, North Park Terrace. Same vs P A Wolff and P A Wolff Bldg Co.. .....$1188
Oct. 29, 1923—LOTS 7 AND 8 Whitehouse Tract, Fresno. Same vs W B Berton $156
Oct. 29, 1923—LOT 1 BLK 19, Hazelwood. Carpenter Hardware Co vs Hagop Avakian and Hovsep Zeronian $153
Oct. 29, 1923—LOTS 12 TO 16 BLK 36, Fresno. G W Attwater vs Martin Soligian and P A Wolff Bldg Co $42
Oct. 30, 1923—LOT 1 BLK 19, Hazelwood. J B Welliver Jr, $625; Tyre Bros Glass Co, $174 vs H Avakian and H B Zeronian.....
Oct. 30, 1923—LOTS 12 TO 16 BLK 36, Fresno. Lewis Electric Co vs P A Wolff Bldg Co.....$478
Oct. 30, 1923—LOTS 27 ANR 28 BLK 2, Torrance Terrace, Fresno. Same vs Same $101
Oct. 30, 1923—LOTS 7 AND 8 BLK 85 Reedley. Western Lumber Co vs D H Janzen $434
Oct. 30, 1923—SW ¼ OF NW ¼ OF Sec 14, 15-23, Fresno. Same vs K A Avakian.....$595

BUILDING CONTRACTS

SANTA CLARA COUNTY.

COTTAGE, 5-room, $3000; Twenty-third St. near San Antonio; owner, W. B. Reese, 93 N-33d St., San Jose

TWO cottages, 5-room each; $3500 ea.; 19th St. near Santa Clara, San Jose; owner, C. W. Whiteside, 71 W-19th St., San Jose; contractor, A. M. Whiteside, 71 S-19th St., San Jose.

COTTAGE, 5-room, $3800; 17th and Rosa Sts., San Jose; owner, Cesare Bimi; contractor, G. Gavavaglia & Son.

BUSINESS building, stone tile, $8000; Santa Clara and Eighth Sts., San Jose; owner, San Jose Ice Co, 4th and Santa Clara Sts., San Jose; contractor, Stone Tile Co.

COTTAGE, 4-room, $2800; N 25th St. near Santa Clara, San Jose; owner, W. H. O'Neil St., 500 N-15th St., San Jose.

COTTAGE, three-room, $1000; Delmas and Colfax Sts., San Jose; owner, Sophia Veit, 182 W-San Carlos St., San Jose; contractor, Alfred Jones, 141 S-Tenth St., San Jose.

COTTAGE, three-room, $1800; Fourth St. near Taylor, San Jose; owner, L. Beaumont Conkey; contractor, H. A. Bridges, Pine and Lincoln Sts., San Jose.

ADDITION, $1100; Clayton St. near Creek, San Jose; owner, O A. Wilming; contractor, E. Slaght, 752 S-Ninth St., San Jose.

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT 210 SAN MATEO PARK NO. 2. All work for 2-story residence and garage.
Owner—Ross W. West, San Francisco.
Architect—Herbert O. Alden, 1337 5th Ave., San Francisco.
Contractor—W. A. Goerich, Alias Taylor & Goerick, Sharon Bldg., S. F.
Filed Oct. 25, 1923. Dated Oct. 24, 1923.
Enclosed 25%
Int. plastered 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $1357
Bond, Sureties, Forfeit, none; Limit, 6 months; Plans and specifications filed.

RESIDENCE
LOT 17 BLK 7 BURLINGAME PARK No. 2, Burlingame. All work for residence.
Owner—Estelle S. Little.
Architect—Chris Larsen.
Contractor—The Larsen Building Co., Burlingame.
Filed. Oct. 26, 1923. Dated Oct. 22, 1923.
Framed $1540
Plastered 1540
Completed and accepted 1540
Usual 35 days 1545
TOTAL COST, $6165
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

COTTAGE
LOT 11 BLK 4, Burlingame Villa Park Burlingame. All work for three-room cottage.
Owner—Victor Their.
Architect—None.
Contractor—E. A. Oluud.
Filed Oct. 23, '23. Dated Oct. 13, '23.
Roof on $566.25
Plastered 566.25
Completed 566.25
Usual 35 days..... 566.25
TOTAL COST, $2265
Bond, none. Limit, 60 days. Forfeit, $5. Specifications only filed.

NO. 816 HOPKINS AVE., Redwood City.
Owner—R. Schmidt, Jr., Premises.
Architect—None.
Contractor—Guss Waller, 220 Hudson St., Redwood City.
Filed Oct. 22, '23. Dated Oct. 16, '23.
Every Friday 75%
Usual 35 days.....25%
TOTAL COST—Material and labor, 10% not to exceed $5000.
Bond, none. Limit, 90 working days. Forfeit, none. Plans only filed.

BUNGALOW
LOT 11 BLK 2-F, Western Addition, San Mateo. All work for bungalow.
Owner—Elie and Marie Derruau, 211 N-D St., San Mateo.
Architect—None.
Contractor—Grant T. Johnson.
Filed Oct. 19, '23. Dated Oct. 7, '23.
Frame up $890.50
Brown coated 890.50
Completed 890.50
Usual 35 days..... 890 50
TOTAL COST, $3562.00
Bond, none. Limit, 70 working days. Forfeit, plans and specifications, none.

BUNGALOW
BLK 12, San Mateo Land Association, near Eaton Ave., San Mateo. All work for bungalow and garage.
Owner—Chas. F. and Adelaide I. Moore.
Architect—None.
Contractor—Harry C. Groom, 409 Pine St., Redwood City.
Filed Oct. —, '23. Dated Oct. 17, '23.
Roof on $1050
Plastered 1050
Completed 1050
Usual 35 days..... 1050
TOTAL COST, $4200
Bond, $2100. Sureties, W. H. Pfafflin and P. E. Braull. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

DWELLING, $8000; Lot 11, Hayward Ave., Glazenwood; owner, S. A. Born Bldg. Co., Glazenwood.
DWELLING, $7000; Lot 20, Laurel Ave., Glazenwood; owner, S. A. Born Bldg. Co., Glazenwood.
BUNGALOW and garage, $3000; Lot 20 Blk 2, San Mateo Park, Burlingame; owner, Mrs. A. Prescott.
BUNGALOW and garage, $3000; Lot 20 Blk 8, Paloma Ave., Burlingame; owner, H. H. Randles.
BUNGALOW and garage, $6000; Lot 15 Blk 2, Easton 1, Laguna Ave., Burlingame; owner, E. J. Hargrane.
BUNGALOW and garage, $4000; Lot 26 Blk 4, Capuchino Ave., Burlingame; owner, Mr. and Mrs. W. Sattle.
BUNGALOW and garage, $4000; Lot 14 Blk 16, Lincoln Ave, Burlingame; owner, Sellick & Meister.

LIENS FILED

SAN MATEO COUNTY.

Recorded Amount
Oct. 18, 1923—LOTS 42 AND 43 BLK "E" San Bruno 1st Addition. San Bruno Lumber & Supply Co vs Anna R Soby et al.....$241.84
Oct. 18, 1923—LOTS 42 AND 43 BLK "E," San Bruno 1st Addition. I J Ellefsen, $165; Prosper Bou, $108.15 vs Anna R Soby.....
Oct 18, 1923—LOT 7 BLK 52, Easton No. 5, Burlingame. J A Giffigan vs Alfred C Dahl.....$200
Oct. 19, 1923—LOTS 13, 14 AND 15 Blk 6, Burlingame Grove, Burlingame. D Grant vs M T Kresteller and Jame B Oswald.....$210

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $3500; S Ohio bet. 10th and 11th Sts., Richmond; owner, G. Lauretzen, 328 S-9th St., Richmond; contractor, S. B. Roberson, 338 20th St., Richmond.
DWELLING, one-story frame, $2500; SE Ninth and Barrett Sts., Richmond; owner, A. Driscoll, Cor. 9th and Barrett Sts., Richmond.
DWELLING, one-story frame; $3000; W Thirty-ninth St., bet. Roosevelt and Clinton Sts., Richmond; owner, A. Liemseu, 822 13th St., Oakland.
DWELLING, 1-story frame, $2500; W 36th bet. Garvin & Ermond, Richmond; owner, Wolfe Bros., 504 Barrett, Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., NOVEMBER 10, 1923

Published Every Saturday
Twenty-third Year No. 45

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

Remixes Concrete

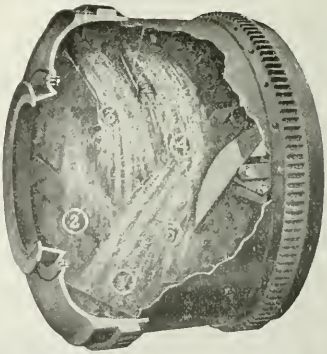
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., NOVEMBER 10, 1923 | Twenty-third Year No. 45

BUILDING and ENGINEERING NEWS

No. 818 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

STOCKTON CITY HALL SUITS SET FOR NOV. 19

The mandamus suits of Edward L. Gnekow of Stockton and Howard S. Williams of San Francisco, which are virtually identical and which seek to have a court order issued directing Mayor Raymond J. Wheeler of Stockton to sign certain contracts let by the old city council for the building of the proposed city hall, will come up for argument on November 19 before Judge George F. Buck of the superior court.

Demurrers to the action will be filed by City Attorney J. Le Roy Johnson some time before November 9.

The old council let the contract but former Mayor Dana P. Eicke failed to sign the papers. When the new council was elected under the city manager form they passed a resolution rescinding the action of the old council.

The plaintiffs contend they have gone to considerable expense in preparing to proceed with the work and are suffering losses by reason of the delay on the part of the officials in not signing the contract and permitting the work of construction to start.

The law firm of Levinsky & Jones represents Gnekow and William P. Hubbard of San Francisco is attorney for Williams.

PACIFIC LUMBER EXPORTERS PROTEST JAP PURCHASING METHOD

Determination of the Japanese Government to buy lumber through the Dougis Fir Exploitation and Export Company exclusively, led the Pacific Lumber Exporters' Association to file a protest with the United States Department of Commerce, it is learned at Seattle. The protest produced little or no effect, it is said.

The Douglas Fir Exploitation and Export Company, which has offices in Seattle and San Francisco, is owned by and is the export selling agency for about 100 sawmills in Oregon and Washington.

The Pacific Lumber Exporters' Association represents 18 firms buying and selling for export, most of them with offices in Tacoma and Seattle.

That complaint had been made to the Department of Commerce was revealed in correspondence made public by C. W. Stockdale, head of the association. This correspondence had been carried on since the department, on October 27, sent to lumber exporters in the Pacific Northwest copies of a circular issued by Japan.

This circular covered the needs for lumber for reconstruction after the earthquake that devastated the Tokyo-Yokohama district on September 1.

Receipt of the circular led the company to renew objection to the sizes specified for lumber for Japanese reconstruction. The peculiarity of these sizes was said to have prevented acceptance of orders.

U. S. ARCHITECT CONFERENCE URGED FOR U. S.

The international city and town planning conference may hold its 1924 session in the United States, according to Willard Reed Messenger, who was America's delegate to the meeting at Gothenburg this year. Mr. Messenger said he was in cable communication with the officials of the conference, and that his invitation has received almost unanimous support.

"The international conference never has been held in the United States," he said, "although it has met in nearly all of the European countries. I think it would be of benefit not only to this country, but to the others participating, if the conference decided to come here in 1924.

GRADE CROSSING SAFETY WOULD COST $14,500,000

It would cost $14,500,000 to change all of the 446 state highway grade crossings in the state in a manner that would make them safe in every respect. This is an estimate issued by the state railroad commission. The commission surveyed the grade crossing situation on its own initiative.

The changes would necessitate the raising or lowering of railroad tracks or of the highway crossings.

The commission outlined its program as having three phases:

First—No grade crossings will be permitted hereafter on new highways:

Second—Wherever repair or reconstruction of existing highways is in progress, this work will include elimination of grade crossings.

Third—All remaining grade crossings will be gradually eliminated as funds become available.

BUILDING CRAFTS WORKERS FALL OFF IN THEIR NUMBER .. ..

The number of organized workers in from 888,500 in 1921 to 829,100 in 1923, the building crafts of this country fell according to compliations by the S. W. Straus Company from official paid-up membership reports in the seventeen building trades unions.

The report showed that the lagest drop in the membership occurred among carpenters and joiners with a decline from 352,000 in 1921 to 315,000 this year.

Membership in the bricklayers, masons and plasterers international union was shown to have remained stationary at 70,000 during the last three years. Bridge and structural iron workers dropped fom 19,900 to 14,600, while electrical workers kept their brotherhood membership stationary at 142,000.

The international union of steam engineers had its numbers fall from 32,000 to 27,100, with membership in the brotherhood of decorators and paper hangers falling from 113,300 in 1921 to 92,800 in 1923.

In organized hod carriers and common laborers increased their membership from 46,000 to 47,500; the amalgamated alliance of sheet metal workers rose from 24,200 to 25,000; the number of organized plasterers and cement finishers increased from 23,900 to 25,200, and the united association of journeymen plumbers and steam fitters rose from 31,900 to 35,000 in the three-year period.

TO REORGANIZE RECLAMATION SERVICE

A sweeping reorganization of the U. S. Reclamation Service, including the dropping of twenty-five Washington employes and probably affecting the status of seventy-five employes at Denver and 5000 others employed on various projects, is announced by Secretary of the Interior Hubert Work.

David W. Davis was named as commissioner of the bureau of reclamation, which is to be divided into one department supervising project construction and another maintenance.

Secretary Work estimated the dropping of twenty-five employes will save $20,000 a year.

The office of director of reclamation is abolished.

No decision relative to the seventy-five employes at Denver or those on various projects will be announced until Secretary Work has made a more thorough canvass of the situation.

TRAVELING FELLOWSHIP IN ARCHITECTURE

George G. Booth, Detroit, has presented the University of Michigan with $20,000 in bonds drawing 6 per cent interest, the income to be used for a traveling fellowship in architecture. The award will be made on the basis of the student's record and a competition in architectural design. Candidates must not be more than 30 years old, and must be graduates of or have substantially completed the last two years of the four year course. The purpose of the scholarship is to encourage advanced study and help to provide a broader preparation for architectural practice.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The local bricklayers,' plasterers,' lathers' and painters' unions of Los Angeles, having a joint membership of 5500, seceded from the Central Labor Council. A dispute arose when, resenting the domination of the carpenters in the council because of their large membership, the four trades attempted to seat delegates without the approval of the carpenters. The matter was taken to Samuel Gompers, president of the A. F. of L., and the action of the carpenters was sustained. Following the decision, the four trades withdrew from the Council.

The connected electric load of Pacific Gas & Electric Company on September 30 was 1,203,000 horsepower, a gain over August of 14,136 horsepower, and for the year ended September 30 an increase of 156,621 over previous year. Kilowatt-hour sales for first nine months of 1923 aggregated 398,263,000, a gain of 75,297,000 over 1922 period. Sales of gas for nine months totaled 10,112,000,000 cubic feet, an increase of 933,000,000.

More than $34,000,000,000 of capital is invested in California water utility systems, according to a report of the hydraulic division of the State Railroad Commission. There are altogether 550 such utilities, that range in size from those supplying a few persons to systems serving 90,000 consumers. Lately many of the public utility corporations have made applications to the commission for increased water rates.

The Washington Y. M. C. A. has inaugurated a complete course of instruction in bricklaying in all branches. The course will include lectures, demonstrations, and individual instructions in the laying of common brick and hollow clay tile and the mixing of mortar. E. A. Drum will supervise the course.

Recommendations will be submitted to Congress for a $1,000,000 appropriation to finance construction of a new Federal building at Sacramento and $180,000 for additions to the Stockton post office.

E. J. Lague of Forbestown, Calif., has purchased 700 acres of timber on the Foss Place in New York Flat near Oroville and plans to cut the timber for railroad ties. The ties will be shipped to Oroville by motor truck.

October building in Palo Alto totaled 171,160 as compared with $141,655 in September and $109,959 for August of this year. October, 1922, activities registered $86,177.

Building permits issued in Lodi for the first ten months of this year total $305,386 which amount does not include approximately $250,000 for a junior college building.

A. E. Merritt, concrete pipe manufacturer, was seriously injured in an auto accident at San Jose, Nov. 5. Merritt resides at 1393 Benton St., Santa Clara.

Mills and office quarters of Hunter Lumber Company and Oakland Milling & Supplies Company, Oakland, suffer $35,000 fire loss.

Duralite Co. of Washington, Harry Shaw, president, has been organized in Seattle, and will manufacture a composition building material made from purified magnesite mixed with dolamite, quartz, silica sand and other ingredients. Duralite, as the product is called, has a great variety of uses in building, and can be made to resemble brick, tile, cement, marble, granite, or almost any kind of stone. The patent for its manufacture is held by the California Duralite Company, but the Washington company has the exclusive right for its manufacture in this state. The company plans to erect a plant capable of turning out 100 tons per day at a cost of $45,000. At present the offices are in the Central Bldg., Seattle.

Percy A. Cupper, formerly State Engineer of Oregon, and Robert J. Simpson, former assistant to the State Engineer, announce the opening of their law and engineering offices in the Oregon Bldg., Salem, Oregon. Messrs. Cupper & Roberts will specialize in water rights and cases involving both law and engineering, adjudication of water rights, irrigation and drainage districts, their operation and management, water power, municipal and general engineering.

The C. Ganahl Lumber Company will establish a new distributing and retail lumber yard on a 12-acre site at Slauson and South Park Aves., Los Angeles, which it purchased some time ago, to replace the one at Central and Fifty-eighth St., recently swept by fire, destroying all buildings and stock.

Stockton building permits for October totaled $323,700. During the month 164 permits were granted. In September, 1923, 111 permits were issued totaling $316,615 and during October, 1923, 139 permits for $168,199.

The K. O. Kesler Company of Fresno, capitalized at $10,000, has been incorporated to do a general contracting business. Directors are: K. C. Kesler, C. A. Kesler and Harvey Humphrey all of Fresno.

Arthur P. Davis, former director of the U. S. Reclamation Service, has been engaged as consulting engineer by the Los Angeles Public Service Commission.

California-Oregon Metals Company of San Francisco, capitalized at $250,000, has been incorporated with Eugene W. Kay, E. Draper Wilson and Oliver W. Kay as directors.

Building in Richmond, Contra Costa County, for October, 1923, totaled $142,828 as compared with $40,148 for September of this year.

Building permits issued in Visalia for the month of October totaled $19,515 as compared with $23,311 for September.

The Compton Sash, Door & Mill Works is a new concern at Compton, operated by T. N. Nichols and J. R. Norris, formerly of Tempe, Ariz.

C. T. Bolfing, former secretary of the Gilroy Chamber of Commerce, plans to establish a plant near that city for the manufacture of vitrified brick.

ALONG THE LINE

H. G. Weeks has tendered his resignation to the State Railroad Commission as Transportation Engineer, effective Nov.1. Weeks leaves the State service to become assistant to the general manager of the Los Angeles Railway Corporation. He will also, it is understood, act as consulting engineer in his particular branch of engineering.

C. B. Fox and L. P. Hillman, landscape engineers, graduates of the University of California, will open an office in Redwood City. Both studied landscape gardening in Australia and England, following their university courses.

C. B. Clyne, engineer, formerly with the Phelps-Dodge Corp., has accepted a position as designing engineer with the Union Rock Company of Los Angeles which is planning the construction of a modern crushing plant in the southern section.

Geo. W. Duncan Jr., formerly with Leland & Haley, announces his association with Albert A. Coddington, consulting mechanical engineer, under the firm name of Coddington & Duncan, with offices at 547 Phelan Bldg., San Francisco.

Plans for the extension of railroad service in Alaska by construction of a branch line to Mount McKinley National Park is announced by Colonel Lee H. Landis, newly appointed manager of the Alaska Railroad.

Thos. H. Means of San Francisco has been appointed consulting engineer on the Banta-Carbona Irrigation District project in San Joaquin County for which W. D. Harrington of Tracy is chief engineer.

Geo. J. Calder, resident engineer on the Sacramento filtration project, has opened offices as a consulting engineer at 1010-1010½ Eighth street, Sacramento. Mr. Calder will be associated with M. H. Stahlberg of Sacramento.

Wallace Morrison, Oakland contractor, and E. Bruce McCollum, architectural designer, have become associated with Harold W. Jewett, Oakland realtor and will maintain offices at 500 Syndicate Bldg., Oakland.

E. Paul Ford has resigned as city engineer of East San Diego and will leave at once to visit his father, who is ill in the East. He will return to East San Diego later in the year.

Congressman James H. MacLafferty has been appointed by the Oakland City Council to represent that city at the National Rivers and Harbors Congress at Washington, December 5-6.

California Chain Stores, operating in Southern California, will establish a $150,000 milk plant in Merced on a site yet to be selected.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

SAN FRANCISCO GETS WESTERN COMMERCE MEET

San Francisco has been selected as the meeting place of the first convention of the Western Division of the Chamber of Commerce of the United States, which will be held here January 29 and 30.

The dates of the meeting have been announced by Paul Clagstone, acting western manager of the national organization, with headquarters in the Merchants Exchange Building.

The decision fixing the time for this big regional meeting was reached by a committee named by Henry M. Robinson of Los Anegles, western vice president.

Under the decentralization plan recently adopted by the Chamber of Commerce of the United States, business men of California, Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming will meet at this convention to express their views on national business and economic problems.

It is expected that Julius H. Barnes, president of the national organization, who served as chairman of the United States Grain Corporation during the war, and other men of prominence will address the convention.

VALUARLE ADVERTISING

The California Clay Company, with headquarters in Sacramento, has a unique exhibit of face brick displayed on a sign board in that city.

The display is in the form of a billboard, measuring approximately 40 feet long and 14 feet high. The superstructure is framed of heavy timbers and the brick panels are laid up with wood strips painted and sanded so as to represent correctly natural colored mortar. Various bonds have been worked out, as well as combinations of colors giving the whole an attractive and pleasing effect. The display is situated within the city of Sacramento but on one of the main California highways and has been accepted by architects and contractors in the vicinity of Northern California as an ideal method for the proper selection of color combinations and textures of face brick. Four 200-watt electric globes illuminate the sign during the evening hours. 3500 face brick were used to make up the panels. Total weight of sign is approximately 12 tons.

AMERICAN WATERWORKS ASS'N. ELECTS OFFICERS

Officers for the California Section of the American Water Works Association, in convention at Fresno, elected the following officers to serve for the ensuing year:

Chairman, Fred J. Klaus, assistant chief engineer of the East Bay Water Company, Oakland.

Vice-chairman, George W. Pracy, superintendent of the Spring Valley Water Company, San Francisco.

Secretary, Samuel B. Morris, chief engineer of the Pasadena Water Works Department.

Executive committee, C. B. Jackson, superintendent Fresno City Water Company, and P. Delderick, superintend public service department of Glendale.

CONTRACTORS TO MEET

A joint meeting of the Associated General Contractors and the American Road Builders' Association will be held on Thursday, January 17, 1924, in Chicago, to discuss various matters of importance to the membership of both organizations. This joint meeting has been made possible by the proximity in dates of the annual meetings of these organizations in Chicago. The 1924 convention of the American Road Builders' Association will be held Tuesday, January 15th, to Friday, January 18th, inclusive, while The Associated General Contractors meet the following Monday, Tuesday and Wednesday. All the officers, the executive committee and the heads of the twenty-eight chapters of the Associated General Contractors will, however, be in Chicago the previous week. Many of the members of the organization also will be in Chicago that week attending the convention and road show of the American Road Builders' Association. Plans accordingly have been made for the joint meeting. Details of the program will be announced shortly.

OAKLAND BUILDERS' EXCHANGE GROWING RAPIDLY

All previous records for new members were broken by the Alameda County Builders' Exchange during the past month, according to E. W. Shaw, Secretary of the organization.

New members include: Charles L. Trow, general contractor; on Neher, Ford cars, trucks and tractors; Asbestos Roofing Co., distributors of Johns-Manville products and roofing contractors; Oakland Manufacturing Co., sash and doors, windows and door screens; Parr Construction Co., general contracting; J. J. Kennedy Co., building materials dealers; Protecto Paint Products Co , paint manufacturers; Sam Muriale, plastering contractors; M. E. Cooper Lumber Co., general mill work; George C. Garcia, plastering contractor; O. W. Johnson, manufacturers of Simplex plaster staples; Thompson Builders' Hardware Co., specializing in builders' hardware; E. W. Cannon, architect; G. C. Estes, general contractor; A. W. Rees, general contractor; James H. McFarland Co., general contractors; L. J. Kruse, plumbing contractor.

FORM NEW ASOCIATION

The manufacturers of cast stone in the Pacific northwest operating in Portland, Seattle, Everett and Spokane have formed the Pacific Cast Stone Products Association.

The objects of the association, as outlined, is to make research and inspection of materials used in the manufacture of their products and to improve by association and open discussion the quality of the same.

MATERIAL DEALERS OF STATE TO ORGANIZE—MEETING IS CALLED

The second preliminary step to perfect a state-wide organization to be known as the Building Material Dealers' Association of California will take place at a meeting in Oakland, November 26, according to Steve I. Guerin, vice-president of the San Francisco Building Material Dealers' Association.

A state association of building material dealers has been discussed in San Francisco and the Bay Counties for some time and has been fostered by the interests in the southern section of the state.

At a recent meeting of the Building Material Dealers' of Los Angeles, Guerin representing San Francisco interests and E. P. Tenney, representing Oakland interests, discussed the permanent organization of a state-wide association with the result that a preliminary meeting was called and Townsend Woodhull was appointed acting chairman and L. T. Mullen, also of Los Angeles, elected temporary secretary. At this meeting representatives were present from Los Angeles, San Francisco, Oakland, Long Beach, Santa Moniea, Santa Ana and San Pedro.

Adopting the slogan "On To Oakland," the following were appointed a committee to select the meeting place and provide entertainment: E. P. Tenney, Oakland; Kent Dotson, Los Angeles; Steve I. Guerin, San Francisco; J. G. V. Clarke, Los Angeles and Herbert Reid, Los Angeles.

At the Oakland meeting a permanent state-wide organization will be perfected and permanent officers elected.

Officers of the Building Material Dealers' Association of San Francisco are: Wm. J. Feary, president; Steve I. Guerin, vice-president; Frank L Hatch, secretary; Frederick Maurer, treasurer. Meetings of this organization are held every Wednesday in the Builders' Exchange Building, 180 Jessie street, San Francisco.

To work in conjunction with the committee appointed at Los Angeles, the San Francisco dealers have appointed the following to prepare a program of entertainment for the Oakland meeting: Wm. H. George, Steve I. Guerin and Chas. M. Cadman.

TILDEN RETURNS FROM OPEN SHOP CONFERENCE

E. M. Tilden, president of the Alameda County Builders' Exchange, has returned from the American Plan Open Shop Conference held in San Antonio, Texas, and reports a splendid conference with many more states represented that at the last conference in San Francisco, such as Missouri, Kentucky, Minnesota, Georgia, Louisiana, South Dakota and Kansas. The next conference will be held in Kansas City. Mr. Tilden emphatically states that on account of the American Plan activities carried on by these various industrial organizations in the West and South, conditions are much better than in the East, where they are continually having industrial strife.

DICKEY, OAKLAND ARCHITECT, HITS SCHOOL CHARGES

C. W. Dickey, Oakland Architect, has returned from Honolulu, and will demand an early hearing before the County Grand Jury on the charges of Wilfred N. Ball, former construction superintednent of the Oakland Schools, that inferior materials were used in constructing the buildings.

Dickey charged that the selection of County Architect Henry H. Meyers to investigate Ball's assertions that the contractors of the University, Roosevelt and McClymonds high schools had substituted inferior materials without making proper refunds to the city was unfair because Meyers is "a rival architect."

Dickey also declared that organizations of contractors and material men had sent a letter to District Attorney Ezra Decoto urging that a committee including, besides Meyers, two architects and two builders investigate Ball's charges and that the grand jury had ignored it. He indignantly denied that there had been any deviation from plans and specifications through his direction but admitted he had interpreted the specifications in cases of dispute and declared the grand jury had no concern with such matters. He said he would at once make a demand that he be permitted to testify.

Dickey charged that Ball, whose duty it was to note departure from the specifications, had failed in many instances and that these, probably 100 or 200 in number, had been detected by his successor, W. E. Whalen.

Mrs. Georgia Ormsby, member of the Board of Education, announced that because her name had been drawn into the controversy, she would ask permission to testify.

Mrs. Ormsby charged that Whalen had been employed at the same price paid to Ball, $450 a month, but that he had been permitted to give only half of his time in order that he might finish a job in Los Angeles.

She said Whalen had been employed to succeed Ball after he had offered to act as arbitrator in Ball's controversy.

In the district attorney's office it is presumed the grand jury would hear both Dickey and Mrs. Ormsby.

MANUFACTURE OF LIGHTING FIXTURES IN 1922

The Department of Commerce announces that returns received from 521 establishments engaged in the manufacture of lighting fixtures show products to the value of $76,402,000 during 1922.

This special report is the first of an annual series, and presents the result of a canvass by mail, which was made by the Bureau of the Census at the request of manufacturers and associations representing the industry. Schedules were mailed to all establishmenta which reported the manufacture of gas and electric fixtures, lamps and reflectors, and shades for the 1921 census of manufactures and to others presumed to have manufactured lighting fixtures in 1922, whose names were obtained from trade directories.

A lighting fixture is generally understood to be a device capable of being fixed or permanently attached to some supporting surface, by means of which incandescent electric bulbs, gas burners and mantles, and oil or other lamps may be utilized for illuminating purposes.

Reports were received from 25 establishments with a total product of $10,509,645, divided as follows: Automobile lamps, $9,258,984; incandescent electric lamps, $573,999; miners' lamps, $342,103; bicycle lamps, $154,371; lanterns, $94,476' electric locomotive headlights, $75,000, and wagon lamps, $10,712.

Sizes and Weights of Hollow Building Tile are Simplified

As a result of a general conference of manufacturers, distributors, and users of hollow building tile held at the Department of Commerce on October 19, under the auspices of the Division of Simplified Practice, it was unanimously agreed and adopted that definite weights and sizes of that commodity be considered as the standard of practice for the industry for one year effective January 1, 1924.

A survey of variety in sizes, dimensions, and weights reported at the preliminary conference of manufacturers held at the Department on June 19, 1923, showed 36 different sizes, each made in a wide variety of weights. A compilation and review of the figures brought out by this survey was made by the Standard Committee of the Hollow Building Tile Association and was used as a basis for adoption at the general conference.

Mr. R. M. Hudson of the Division of Simplified Practice opened the conference as presiding Chairman and gave a brief outline of the accomplishments of other industries in the building material field who have effected economics through the application of Simplified Practice to their commodities.

The conference decided to vote on the list submitted by sections and the discussion opened on the 12x12x12 standard load-bearing wall tile for end construction for the city of Washington. It was brought out by the tile manufacturers that this size would adequately meet the requirements of any construction and that its failure to do so in Washington was due to the fact that builders in that vicinity were not using the standard size brick as adopted at the Brick Conference held at the Department of Commerce on June 21, 1923.

Mr. E. R. Sturtevant of the Association explained to the conference that the last four units of tile as listed under standard partition tile were under a course of tests at the Bureau of Standards and their findings would determine whether they would be classed as floor tile of standard weights. The remaining groups were voted on and unanimously adopted.

After considerable debate as to tolerance for weights and dimensions, it was unanimously passed that not more than 5 per cent tolerance over or under would be allowable for weights and 3 per cent over or under for dimensions covering length, width, and height.

January 1, 1924, was set as to the date the recommendation should become effective and to remain in force for a period of one year from that date.

A standing committee of the conference consisting of three representatives of manufacturers, three of distributors, and three of consumers was decided upon as a means of providing a follow-up to insure the adoption of the simplifications embodied in the recommendation of the conference; to effect a greater degree of contact and cooperation between the Department and the industry; and to consider further eliminations or substitutes in the existing varieties of tile. The personnel of this committee will be announced later.

The following list gives in detail the weights, sizes, and types of tile adopted at the conference:

Standard Load Bearing Wall Tile			
End Construction			**Weight**
3¾x12x12	3	cells	20#
6 x12x12	6	"	30
8 x12x12	6	"	36
10 x12x12	6	"	42
12 x12x12	6	"	48
Side Construction			
3¾x5 x12	1	"	9#
8 x5 x12	2	"	16
8 x5 x12("L" shaped).			16
8 x6¼x12("T" shaped).	4	"	16
8 x7¾x12(square)	6	"	24
8 x10¼x12("H" shaped)	7	"	32
Standard Partition Tile			
3x12x12	3	"	15#
4x12x12	3	"	16
6x12x12	3	"	22
8x12x12	4	"	30
10x12x12	4	"	36
12x12x12	4	"	40
Standard Split Furring Tile			
2x12x12			9#
Standard Book Tile			
3x12x18 to 24			18# per sq. ft.

PRODUCTION OF LUMBER IN UNITED STATES

California ranks fifth among the states in production of lumber. Statistics for 1922, just reported by the U. S. Department of Commerce, show Washington leads with 5,703,569,000 ft.; Louisiana is second with 3,386,000,000 ft.; Oregon third with 3,015,768,000; Mississippi fourth with 2,267,695,000 ft; and California fifth with 1,707,721,000 feet.

The total production of lumber during 1922 in the United States was 31,426,922,000 feet. This is an increase of 16.5 per cent when compared with the cut reported for 1921, but a decrease of 9 per cent compared with the cut for 1919.

The production of lath was reported as 2,905,595,000 in 1922 and 1,970,696,000 in 1921, and the production of shingles 8,068,585,000 in 1922 and 6,843,187,000 in 1921.

Comparing the statistics for 1922 with those for 1921 the greatest changes are shown for the western states, the states in that region apparently having recovered from the severe depression of 1921.

In 1922 yellow pine contributed 36.6 per cent of the total cut for all kinds of wood, Douglas fir 21.4 per cent, and western yellow pine 6.6 per cent.

ENGINEER SUES NEWSPAPER

M. M. O'Shaughnesy, city engineer of San Francisco, has filed damage suits against the Daily News Publishing Company of San Francisco, alleging misstatements in the issue of its paper on October 16, which put upon him the responsibility for the lack of success of the Islais creek incinerator. He asks damages in the aggregate of $100,000. Work on the incinerator, he contends, began over two years before he took charge, September 1, 1912, and he sought to make the best of a botched job.

AUTOMATIC TIMBER COUNTER

The latest novelty in the Swedish lumber industry is an automatic timber counter which has just been perfected. This instrument, which has been thoroughly tested during the last two months, is manufactured by a Stockholm concern. The apparatus operates only while logs are being carried toward the saw and at other times is automatically locked. It records the footage and the number of logs sawn, giving the total for the year as well as the count for the shift or day.

L. A. OCTOBER BUILDING TOTALS $20,541,872

Los Angeles' building total for October, 1923, was the third largest monthly total for the year. The number of permits, 6632, was a new high record, being an even 700 greater than the previous high record for August, 1923. The valuation for October was $20,541,872, as compared with $11,580,427 for the same month in 1922. Class A construction for the month aggregated $4,336,500 and included three projects of $800,000 and more. Class C construction amounted to approximately $3,000,000, and all frame construction to approximately $11,300,000.

New high records were made in October for housing operations. Permits were issued for 2769 dwellings, flats and apartment houses, estimated to cost $12,423,770, and providing accommodations for 5527 families. Previous high records were made in March, 1923, when permits were issued for 2438 dwellings, flats and apartments, estimated to cost $12,078,220, and providing accommodations for approximately 4353 families. Computed on the basis of the census ratio of 4.4 persons per family, housing started during October would provide for an addition of approximately 24,318 to the city's population.

For 10 months of 1923 Los Angeles' building total is $165,862,945, an increase of $64,967,465 compared with the same period in 1922. The record by months for the year to date and for 1922 follows:

	1923	1922
January	$11,258,515	$ 7,975,188
February	12,080,310	7,579,798
March	21,196,087	10,964,820
April	15,352,944	12,950,686
May	18,926,881	9,327,504
June	15,074,446	10,652,265
July	15,083,273	8,064,018
August	22,249,262	11,523,891
September	14,099,353	10,267,894
October	20,541,872	11,580,427
November		11,355,710
December		8,955,597

The average per month for the year to Nov. 1 is about $16,580,000, which, if maintained, would bring the total for the entire year close to $200,000,000.

LUMBER HEARING SET

A hearing in interest to all lumber shipping men of the Pacific Coast has been set by the state railroad commission of January 10, before Examiner W. P. Geary in Los Angeles.

The particular case arises from the complaint of the Los Angeles Lumber Products Company against the Southern Pacific involving rates on Canadian lumber redressed and reshipped from San Pedro to consuming points throughout California. A proceeding along similar lines has been filed with the Interstate Commerce Commission and it is the suggestion of the California commission that, as all points in Oregon and Washington making lumber shipments are interested, joint hearings by the three states should be conducted and 'the issues be decided upon a common record."

GIVE PLUMBING AND SHEET METAL COURSE

Trade schools for the training of plumbing and sheet metal apprentices are now under way in Youngstown, Ohio, and it is planned to start a course in bricklaying soon. Arrangements will be made in the near future for a course in plan reading and estimating to be conducted under the supervision of one of Youngstown's leading architects.

S. F. Building Totals

San Francisco building operations for the month of October, just closed, totaled $3,793,374, according to Chief Inspector of Buildings, John P. Horgan of the Department of Public Works. During the month 909 permits were granted for new structures, alterations and additions to standing buildings. The bulk of the October activities went into residences, flats and apartment structures. The largest permit granted during October was that of the Otis Elevator Company for a $350,000 factory building to be erected at Grant avenue and Beach streets.

During the month of October, 1922, the activities registered 679 permits for improvements aggragating an expenditure of $4,719,394.

The operations for the entire year, 1921, totaled 6,313 permits, the improvements being estimated to cost $22,244,672 as compared with 8,078 permits in 1922, aggregating $45,327,206. Operations for the first ten months of this year total 8,324 permits with a total of $37,873,370.

October, 1923, activities, according to Horgan's report, is summed up as follows:

Class	No. of Permits	Cost
"B"	4	$ 705,000
"C"	36	761,950
Frames	355	1,940,621
Alterations	513	286,288
Public Bldgs.	1	99,515
Total	909	$3,793,374

Following is a tabulation of building permits for the entire year of 1922, and the first ten months of 1923:

	Permits	Est. Cost	Permits	Est. Cost
January	620	$ 5,528,978	718	$ 3,205,811
February	609	2,830,991	782	3,278,676
March	848	3,289,251	977	3,229,572
April	766	3,993,720	954	5,173,801
May	786	4,377,066	948	4,928,986
June	648	3,336,701	868	4,213,346
July	595	3,624,036	733	3,227,115
August	690	6,214,082	787	3,915,300
September	661	2,951,858	648	2,907,389
October	679	4,179,394	909	3,793,374
November	638	2,621,471		
December	538	2,439,658		
Total	8078	$45,327,206	8324	$37,873,370

CONCRETE MACHINERY SUIT IS STARTED IN NEW YORK

Suit has been brought in the United States Court in New York for the infringement of the MacMichael patent No. 1,127,660 of February 9, 1915, by the Concrete Mixing & Conveying Company against the Ulen Contracting Company, on account of the use of the defendant of pneumatic concrete conveying and placing machines in the Shandaken tunnel, and further suits are being brought in other sections. The Mixing & Conveying Company is the owner of a group of patents to MacMichael and others, which cover the conveying and placing of concrete by the use of compressed air and the apparatus employed in this operation. The development of this system by MacMichael dates back as early as 1907, when the application for the patent under which suit is brought was filed.

The apparatus involved in the infringement is known as the Webb-Cox placer, and operates in the tunnel to shoot the concrete dumped therein along a conduit by the action of compressed air and place it around the forms for the tunnel lining. Suits against other infringers are expected to follow.

Until recently machines of this character were made only by the Concrete Mixing & Conveying Company and the Ransome Concrete Machinery Company, but within the past three years apparatus has been made by others, which the owners of the patents claim infringes their basic rights. For a number of years a controversy existed between the Ransome Company and the Mixing & Conveying Company, but a settlement was recently effected under which the Ransome Company acknowledged the validity of the MacMichael patents, and agreed to pay license fees for the use of the pneumatic concrete placing apparatus and system. The Ransome Company thereby acquired equal rights with the Mixing & Conveying Company to the use of the patents.

SAN FRANCISCO ONLY REAL AMERICAN PLAN CITY

The October issue of the American Plan Magazine, issued by the Industrial Association of San Francisco, says:

"San Francisco is the only city in the United States, and so far as our researches show, it is the only city in the United States, Great Britain, Canada or Australia, where union and non-union men of the same trade or craft work peacefully and contentedly side by side. Other communities claiming to be open shop have union crews and also non-union crews working on their buildings. But in these other cities the union men will not work on the same job with non-union men of their own trade. There are many cities where union bricklayers for instance will work on buildings which employ non-union plumbers or non-union carpenters, and vice versa; but there are no other cities where union bricklayers will work with non-union bricklayers on the same building. Three years ago in San Francisco a union bricklayer or plumber would not work on any building which employed any mechanic of any kind who was not a union man."

BOSTON TRAINS APPRENTICES

The Building Trades Employers' Association and the Building Trades' Council of Boston have apprenticeship courses in operation in the majority of trades. Applicants must refer to the craft committee of the trade which they wish to enter. Each student, on passing the inspection of the joint apprenticeship committee, is given an identification book and assigned to an employer. Apprentices may be transferred from one employer to another in order to gain allround experience. The apprenticeship consists of six periods of six months each, following the six months' probationary period. During the first six months the apprentice is paid 32 per cent of the journeymen's wage, and this gradually rises until at the end of the three years he is getting 62 per cent of the full wage.

CONCRETE VARIES GREATLY WITH MIXING

Concrete mixed two minutes is from 20 to 35 per cent stronger than concrete mixed only fifteen seconds. Specimens made of concrete mixed for only fifteen seconds showed a mean variation of 30 per cent in strength, while specimens made of concrete mixed for two minutes varied less than 10 per cent. A more plastic and easily handled mixture is also assured by thorough mixing.

TRADE NOTES

A million dollar timber purchase by the Brooks-Scanlon Lumber Co. of Bend, Ore., which will lengthen the company's milling operations at Bend by nearly three years, is announced by H. E. Allen, assistant general manager. The deal by which the company becomes owner of the Alworth-Washburn tract of approximately 25,000 acres near Bend, was completed at the Brooks-Scanlon headquarters in Minneapolis.

The business of the Van Dyke Hardware Company of Seattle, has been taken over by Harry G. Allen, former owner of The Allen Engineering Company. The firm will be known as the Harry G. Allen Manufacturing Company, and will continue the products of the Allen Engineering Company. The offices will be at the plant, 310 First Avenue South, Seattle, Wash.

Sunset Lumber Company and Chas. Nelson Lumber Co. have filed articles of incorporation at Martinez. The former, with Oakland its principal place of business, is capitalized at $100,000. The Chas. Nelson Co. is capitalized at $750,000 and has its principal place of business in San Francisco.

W. E. Landram, manager of the Merced Lumber Company, has taken up the duties of active vice-president of the Farmers and Merchants National Bank at Merced. Ralph P. Duncan of the Halstead Lumber Co., Fresno, will assume charge of the Merced Lumber Company.

Richmond Roofing Co., 401 Sixteenth St., Richmond, Calif., has opened a branch office at 1926 Shattuck Ave., Berkeley, where the company will retain a representative to give prospective builders figures and render other services in the building line.

The Brown-Bevis Company, Inc., 470 East Third St., Los Angeles, has just closed a sales contract with the Watson Truck Corporation of Canastota, N. Y., manufacturers of Watson dump wagons for the distribution of the line in southern California.

National Automatic Electric Appliance Co., of San Francisco, has been incorporated with the following directors: Paul Verdier, F. C. Fabregue, L. H. Handy, Raoul Junet and Dr. W. F. Cutler. Company is capitalized at $50,000.

Gas Appliance Sales Co., capitalized at $50,000, has been incorporated in Oakland. Incorporators are John H. Eustice, Harry C. Knight, Carl T. Doell, Paul B. Irvin and Charles F. Fisher.

Plant of Cotati Lumber Co at Cotati, Calif., suffers $15,000 fire loss on Nov. 3 only small portion of damage is covered by insurance.

Contracting Is Oldest Vocation In Existence, Says Bricklayer Head

Gerhardt F. Meyne, chairman of the National Bricklayers Apprentices council of the National Association of Building Trades Employers, recently at Chicago, in an address at the Colony Club meeting at the Hotel La Salle, said that the building and contracting business was probably the oldest known vocation in existence. Before there was means of conveying thoughts and handing them down to posterity in script, the vocation had become one of man's handicrafts, he continued.

Developing his thought, he further said, "The early architect was as much dependent upon the artificer of his day as is the architect of today—and probably more so, for the early architect knew little of the strength of material as we know it, knew little about stresses, and we often wonder, when studying his structures, how many slaves, artisans and by-standers were killed by collapses before he learned to make his structures substantial enough.

"The builder's life, as is the life of everyone following the building vocation in any one of its numerous branches, be he journeyman, foreman, superintendent, or employer, is full of romance. No two hour's work in a day are similar. Inventive genius and ingenuity are called on continuously. The builder's achievements speak for themselves. They are a monument to his enterprise and labor.

'Let us consider in perspective, a view of the artisans employed in the building trades, and take, for example, the bricklayer. The monuments of all new and old countries proclaim his art. The comfort and beauty of the schools, private and public buildings, tell you of his craftsmanship. His art was practiced in Babylon and ancient Egypt. Some examples of it still exist and have been found to be the work of 4000 B. C.

"The stone cutter has existing monuments over 3000 years old. His art was developed with the invention of the tempering of metal tools, made by old Tubal Cain himself.

"Carpentry has been practiced since the early ages, especially cabinet work. The great Nazarene helped his father, a carpenter. Moses mentions carpenters in his instructions about building the tabernacle. In today's complexed construction problems, the carpenter is the first craftsman to come on the project and leaves with the painter.

"Must we not be grateful when we consider health, sanitation and comfort, that such an inventive genius as the plumber exists? His place in our complex city life is near the doctor, for by his vocation he helps to reduce the death rate of the population, minimizes the spreading of diseases and plague. He and the steamfitter have made a tenderfoot out of every city dweller.

'The beauty of the interiors of our modern buildings would not be were it not for the plasterer, nor could we be comfortable without them in our climate.

"We sometimes forget the plasterer when we see all of his handiwork beautifully decorated by the painters in multi-colors and in gold. The painter's art dates back to the ancients.

"It seldom occurs to us to give much thought to the men who provide ways and means that properly conduct the rainwater so that we may keep our houses and merchandise dry in all seasons—who provide the day light in the middle of the buildings in a way of skylights, windows protected from fire, and fireproof exits. Surely the city dweller cannot get along without the sheet metal worker. Craft after craft could be mentioned but none necessary than the other, and all must perform their proper function, he concluded.

COST OF PUMPING IRRIGATION WATER

The farmers of California are operating approximately 30,000 irrigation pumping plants, yet few of these operators realize what irrigation water obtained by this means is costing them. Most of them count only the cost of electric power or gasoline and fail to consider the other elements of cost.

The Division of Irrigation Investigations and Practice of the College of Agriculture has recently been assisting the Division of Agricultural Engineering of the U. S. Department of Agriculture in a study of irrigation pumping costs in parts of Sacramento Valley.

Out of twenty-five pumping plans investigated in the neighborhood of Dixon, Davis, Winters, and Woodland, the first cost of installing the plants, including well pump, and motor, exceeded $2000 for each 450 gallons per minute capacity in the case of four; was between $1500 and $2000 per 450 gallons per minute capacity in the case of another four; was between $1000 and $1500 in the case of eleven; between $500 and $1000 in the case of five; and was less than $500 per 450 gallons per minute capacity in the case of only one.

A few years ago irrigators generally figured that pumping irrigation water cost between five and ten cents for each acre-foot of water lifted one foot high, or, say from $1.50 to $3 for each acre-foot lifted 30 feet. The figures just obained showed that only six out of the twenty-five pumping plants are being operated at a cost as low as from five to ten cents per acre-foot lifted one foot high. In the case of ten plans the cost was between ten and twenty cents per foot-acre-foot and in the case of nine it exceeded twenty cents per foot-acre-foot.

The reason for high pumping costs is frequently found in the way the pumping plants are designed and installed. Well designed and properly installed modern irrigation pumping plants are showing combined efficiencies of at least 60 per cent and better; that is, only 50 per cent or less of the power consumed is lost in operating the pump and motor. Of the twenty-five plants investigated from Davis only five were giving as much as 50 per cent efficiency. The efficiency of sixteen was between 25 and 50 per cent and that of four was under 25 per cent.

ENGLAND PLANS WIDER STREETS

Country roads and city streets to be laid out in Great Britain will have a right of way 120 feet wide in most instances and 100 feet wide as a minimum, if present plans of the government are carried out. Because motor traffic has made it obvious that the old narrow country roads are not in these days safe, public enthusiasm in England has greeted the official plan for the widening of existing roads and the establishment of the 120 foot width as the official standard for the future.

PUBLICATIONS

F. W. Dodge Corporation has issued a valuable and an artistically designed 53-page booklet called "Selling the Architect" and comprising reprints of four bulletins issued in 1922. It includes an article on "The Architect as a Factor in the Construction Business," by Thomas S. Holden; "Magazine Advertising," an analysis of the function of architectural advertising, by Gifford Wood of The Architectural Record; "The Direct Sales Appeal," by E. V. Ort, of the Dodge Report Service; an outline of Sweet's Catalogue Service; and miniature reproductions of page advertisements from various issues of The Architectural Record. Copies of the publication may be secured from the Chicago office of the firm at 131 N Franklin street.

"Industrial Plants," Volume 3, is the title of an au unusual 87-page publication issued by Charles T. Main, engineer, 200 Devonshire street, Boston, that consists almost entirely of a collection of illustrations of industrial plants, large textile mills and steam and water power developments, for which Mr. Main's firm did the engineering work. The concern makes investigations, surveys and reports, estimates of cost of construction equipment, esides designing and supervising construction and reporting on existing plans with reference to economical operation, reorganization, and improvement.

"Financing the Small Home" is the title of an interesting bulletin issued by the National Lumber Manufacturers' Association and designed to give the person of small means a few helpful hints on systematic accumulation for future needs, or careful selection of a home within the buyer's means, and on the annual expense of owning a home. Copies may be secured from the National Lumber Manufacturers' Association, International Bldg., Washington, D. C., or Conway Bldg., Chicago.

The Philadelphia Housing Association, 130 S. Fifteenth St., Philadelphia, has issued a booklet called "Housing in Philadelphia," by Bernard J. Newman, giving a report of the congested conditions existing in the city and of measures that should be taken to relieve the housing and the sanitary conditions in Philadelphia tenements. The necessity for adequate zoning laws to prevent imsuse and gradual decadence of property is brought out.

"Advertising Your City' is the title of a neat little booklet containing a reprint of an address by Bernard J. Mullaney, former commissioner of public works, Chicago, before the annual convention of the Community Advertising Association. Copies may be secured from the Illinois Committee on Public Utility Information, 123 S. Clark St., Chicago.

The Van Dorn Iron works Company, 311 Chamber of Commerce building, Chicago, has issued two interesting folders, one illustrating Van Dorn standard shelving units as installed in the Wrigley and other large office buildings, the other showing several styles of Van Dorn safes.

20,000,000 People Live in Zoned Cities

More than 22,000,000 people, compromising 40% of the urban population of the United States, live in 183 zoned cities, towns and villages, according to a statement made public by the Division of Building and Housing of the Department of Commerce.

During the first eight months of this year 54 municipalities, with more than 6,500,000 population, have adopted zoning ordinances. This indicates the greatest progress in zoning that has ever been made during a similar period. More than two-thirds of the 183 zoned municipalities have been zoned since September, 1921.

Neighborliness in the use of land is said to be the keynote of zoning. The home owner is protected from the intrusion of the junk yard which for no good reason might be moved into his neighborhood, and business and shopping districts are protected against noisy factories. Industrial plants have greater freedom in selecting sites convenient to good transportation. Such measures should provide for the use of the different kinds of land and districts within a city for the purposes to which they are best adapted, and allow for orderly growth of commercial and industrial districts. They accomplish their purposes by regulating the height of buildings, the area of the land that they may cover, and the use to which they may be put in the different districts of the city or town. The zoning ordinance is generally an auxiliary to the city plan, and helps to provide for the orderly growth of the city along lines that will bring the most satisfactory results to all concerned.

Revised figures show that on January 1, 1923, 129 municipalities had adopted zoning regulations. During the year 54 more, some large and some small, located north, south, east and west, have been added to the list. Of the 68 cities in the United States with over 100,000 population, 36 have zoning ordinances in effect. Chicago, Baltimore, Pittsburgh, Kansas City, Mo., Seattle, Providence, Columbus, Worcester, Grand Rapids and Youngstown are among the larger cities which have adopted zoning ordinances this year. The smallest community to adopt a zoning ordinance in 1923 had only 420 inhabitants, according to the last census. Twenty-one towns and villages of less than 10,000 inhabitants adopted zoning regulations in 1923. Seventeen communities with 10,000 to 50,000 population, and 16 cities with more than 50,000 population also zoned during the year.

In the number of places zoned, New Jersey leads with 51; New York is second with 30; Illinois, third with 23; California, fourth, with 17; Ohio, fifth with 13; Massachusetts, sixth with 11; Wisconsin, seventh, with 10; and Missouri, Eighth, with four. Indiana, Kansas and Michigan have three each; Rhode Island and Washington have two each; and Georgia, Maryland, Minnesota, Nebraska, North Carolina, Pennsylvania, Tennessee, Texas, Utah and Virginia have one each. The District of Columbia also is zoned.

More new state zoning enabling legislation has been passed in 1923 than usual, and the standard state zoning enabling act which was prepared by the Department of Commerce, was used to a greater or less extent in most of the laws. Connecticut, Delaware, Iowa, North Carolina, North Dakota, Oklahoma, Pennsylvania and Wyoming passed important zoning enabling acts, and a number of other states passed legislation supplementing or amending existing laws. The State of Wisconsin ahs passed an act granting to counties the power to zone.

SNOW REMOVAL ON HIGHWAYS PROVES BIG TASK

Snow removal on important trunk-line highways is becoming a matter of increasing importance each winter, says the Bureau of Public Roads of the United States Department of Agriculture.

Investigations of the bureau show that there is a considerable mileage of road which the public can ill afford to lose the use of each winter.

As a result of traffic investigations in Connecticut, it is estimated that 1,019,688 net tons of commodities were transported over the State system in the three months' period beginning with September 1922. More than a third of this tonnage moved only from 1 to 9 miles and nearly another thrid moved from 10 to 29 miles. These figures are given to show that in industrial sections there is a large volume of short-haul traffic which does not compete with the railroads and which can not be carried by the railroads when the highways become snowbound.

It is difficult to estimate the amount of inconvenience to passenger travel caused by snow but with at least one motor vehicle to every ten people in a majority of the States it must be considerable.

In many sections motor bus travel is increasingly relied upon by rural communities. It is reported that there are 450 such lines in Ohio, 283 in Pennsylvania and large numbers in other States where snow is a problem. So great is the importance of keeping these lines in operation that cases are known where companies have cleared their lines of snow at their own expense.

USE OF BRICK IN HOME BUILDING GROWING

That there is a general return to the use of brick in home building throughout the United States is the assertion of the Common Brick Manufacturers' Association of America in reporting a steadily climbing demand for brick in all parts of the country. This movement toward the use of brick in homes is said to be particularly noticeable in the Middle West and California.

The report of the brick association is as follows:

"Tnere is an unmistakable return to the use of common brick. Common brick is the low-priced local-made brick, to be found in almost every part of the United States. Common brick does not necessarily mean a common product. It is the natural brick produced by burning conveniently-shaped units of clay. These bricks take on in the burning a variety of color and a texture which produces beautiful effects in the wall, and it is the discovery by leading architects of new and unusual ways to use this brick that has brought the material into a prominence that it never before has enjoyed.

"The adoption of common brick seems to have occurred almost simultaneously in several parts of the country. For a long time the architects in New England have produced some of their most worthy creations by the use of their own local-made common brick, but more recently in Chicago, and California particularly, have the architects picked up this commodity and injected their art into it with results that are remarkable."

(Continued on Page 41)

Building News Section

APARTMENTS

Sub-Figures To Be Taken In About a Week.
APARTMENTS Cost, $170,000
OAKLAND, Alameda Co., Cal., 15th & Madison Streets.
Three-story and basement Class C brick apartment building.
Owner—Colt Invst. Co., 306 14th St., Oakland.
Architect—L. H. Ford, 306 14th St., Oakland.

Contract Awarded.
APARTMENTS Cost, $15,500
OAKLAND, W Webster 170 N 38th St.
Two-story 16-room apts. and garage.
Owner—G. C. Spaeth.
Contractor — California Builders Co., 1534 Franklin St., Oakland.

Contract Awarded.
APARTMENTS Cost, $18,000
SAN FRANCISCO, S 18th 75 W Valencia Street.
Two-story frame (10) apartments.
Owner—A. W. Beetham.
Architect—G. A. Berger, 261 Valencia, San Francisco.
Contractor—A. H. Beetham, 3555 18th St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $14,300
RICHMOND, Contra Costa Co., Cal. NE Bissell and Fourteenth Sts.
Two-story frame (4) apartments.
Owner—J. N. Hartnett, 1411 Bissell St., Richmond.
Architect—None.
Contractor—A. L. Rector, 567 6th St., Richmond.

Segregated Figures Being Taken—Bids Close Nov. 7, 1923.
APT. HOUSE Cost, $30,000
SAN FRANCISCO, N Vallejo 75 E Octavia.
Three-story frame and stucco apartment house with tile roof & steam heating system (6 4-room apts.)
Owner—Withheld.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.
Separate bids are being taken on the plumbing, painting, heating and electrocal work.

Plans Being Prepared.
APARTMENTS Cost, $14,000
SAN FRANCISCO, Pierce St. S Union.
Two-story and basement frame and stucco apartments. (4 3-room apts. and garage).
Owner—Withheld.
Architect—C. O. Clauson, Hearst Bldg. San Francisco.
SPECIFICATIONS
Floors, hardwood; grates, radiators; interior finish, white enamel; roof, tar and gravel.

Plumbing & Heating Contract Awarded—Sub-Figures Being Taken.
APARTMENTS Cost, $100,000
SAN FRANCISCO, NW Stockton and California Sts.
Six-story and basement reinforced concrete apartment building (44 2-room and 2 3-room apts.)
Owner—L. B. Ham, 110 Sutter St., San Francisco.
Architect—A. J. Horstman, 110 Sutter St., San Francisco.
Plumbing and heating to C. Peterson, 390 6th St.
As reported before, the reinforcing steel was awarded to Gunn-Carle Co., 444 Market St., and the concrete work to Adam Arras Co., 185 Stevenson St.

Plans Being Prepared.
APARTMENTS $175,000 to $200,000
SAN FRANCISCO, downtown district.
Six-story class A apartment bldg. (5 & 6 rooms and 2 bathrooms each).
Owner—Withheld.
Architect—Wm. F. Gunnison and Merritt, 57 Post St., S. F.

Contract Awarded.
APARTMENTS Cost, $27,000
BERKELEY, Alameda Co., Cal. No. 2500 Benvenue.
Three-story 36-room frame apartment house.
Owner—Elda Bradshaw and Sarah Sparks, 2815 Fulton St., Berkeley.
Architect—None.
Contractor—R. H. Bradshaw, 2815 Fulton St., Berkeley.

Segregated Figures Being Taken.
APARTMENTS Cost, $25,000
OAKLAND, Alameda Co., Cal. Fortieth and Grove Sts.
Two-story frame and stucco apartments and store building with tile roof (6 stores and 7 2-room apts.)
Owner—Frank M. Dunn.
Architect — McWethy & Greenleaf, Dickelman Bldg., Oakland.

Contract Awarded.
APARTMENTS Cost, $12,000
SAN FRANCISCO. N Lombard 137-6 W Van Ness Ave.
Two-story and basement frame (4) apartments.
Owner—C. W. Spiegel, 1153 Pacific St., San Francisco.
Architect—None.
Contractor—Fred Knudsen. 1153 Pacific St., San Francisco.

Contracts Awarded.
APARTMENTS Cost, $40,000
BURLINGAME, San Mateo Co., Cal.
Two-story frame and stucco apartment building.
Owner—Dr. A. L. Offield, Burlingame, California.
Architect—W. H. Toepke, Call Bldg., San Francisco.
General contract to C. E. Fowler, 829 Edgehill Ave., Burlingame.
Plumbing to W. C. Palamountain, 1213 Burlingame, Burlingame.
Electrical work to Mausser Elec. Shop, 315 Main St., Burlingame.
Heating to H. I. Lander, 1205 Burlingame Ave., Burlingame.

To Be Done By Day's Work.
APARTMENTS Cost, $15,000
SAN FRANCISCO, N Fulton 83-10 W Masonic Ave.
Three-story and basement frame (6) apartments.
Owner—W. R. Voorhies, 12 Loyola Terrace, San Francisco.

Contract Awarded.
APT. HOUSE Cost, $11,200
BERKELEY, 2007 Prince St.
Two-story 16-room apt. house.
Owner—Jenny Lindale, 2009 Prince St. Berkeley.
Contractor—N. J. Lindale, 2009 Prince St., Berkeley.

Contract Awarded.
APARTMENTS Cost, $16,000
BERKELEY, 1545 Euclid Ave.
Two-story 16-room apartments.
Owner—Arthur Sanborn.
Contractor—Geo. Wolfenden, 827 Walker St., Berkeley.

To Be Done By Day's Work.
APARTMENTS Cost, $29,850
SAN FRANCISCO, NE Buchnan and Oak
Three-story and basement frame (12) apartments.
Owner—E. K. Nelson, 77 O'Farrell St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St. San Francisco.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbls. $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. SF.
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO, CALIF.
PHONE SUTTER 5817

Contractor Taking Sub-Figures—To Be Done By Day's Work.
APT. HOUSE Cost, $155,000
SAN FRANCISCO, N Sutter 165-10 W Hyde.
Six-story and basement concrete class C apt. house (47 apts.)
Owner—Louis Blum, 180 Jessie St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg. San Francisco.

LOS ANGELES, Cal.—The Smithers Building & Investment Co., 645 S Western Ave., has completed plans and will erect a $70,000 3-story class C brick store and apt. bldg. at n.w. cor. Rosewood and Western Aves. for the company. Found. 45x145 ft., 8 stores, 28 apts., rose ruffled brick facing on 2 sides, comp. rf., plate glass, metal and copper sash, cement store fls., tile window trim, tile baths and drainbds, dis. beds, gas rads., art store trim.

LONG BEACH, L. A. Co., Cal.—Archts Walker & Eisen, 330 Pac. Finance Bldg. and H. L. Gogarty, Long Beach, assoc., are preparing plans for a class A apartment house to be erected on Ocean Ave. near Cedar Way, Long Beach, for Walter Horne Co., P. E. Keeler and Ross Abdull. It will be called the San Marco Apartments. It will be 12-story on Ocean Ave. and 14-sto. on Seaside Blvd. Dimensions, 84x121 ft., 300 rooms, stores, lobby, reinf. conc. construction, terra cotta facing, hardwood trim, wall beds, marble and tile work, 2 elevators, steam htg., vacuum cleaning. $900,000.

HAYWARD, Alameda Co., Cal. — Mrs. Frank A. Leach, Hayward, is having plans prepared for a 3-story and basement frame and plaster apartment house to be erected at the s.e. corner of B and Second streets; est. cost $60,000. Will contain 8 two and three-room apartments on each floor. The California Home Builders Co., 1534 Franklin St., Oakland, are the designers.

LOS ANGELES, Cal.—Archt. Saul H. Brown, 528 Union League Bldg., has completed plans for a 72-room 36-apt. bldg. to be erected at s.w. cor. of Western and Lexington Aves., for J. Felix, 1500 N Serrano St. Three-story, 46 by 133 ft., frame and plas. constr., comp. rfg., pine trim, oak and pine fls., tiled baths, wall beds, gas rads., water htrs., cost $60,000.

LOS ANGELES, Cal.—A. V. Perkinson, 4362 S Hoover St., has been awarded a contract at about $55,000 for erecting a 2-story brick store and apt. bldg. on Pico St., bet. 5th and 6th Aves., for Koolish & Brodkey. Plans by A. B. Crist. Seven stores, 14 apts.; brick walls, press. brick, plate glass, steel lintels, comp. rfg., pine trim, oak and pine fls., tiled baths, wall beds, gas rads., water htrs.

SAN PEDRO, L. A. Co., Cal.—R. P. Mussetter, 240 Coronado St., Long Beach, has had plans prepared and will erect a 60-room 29-apt. bldg. at s.w. cor. of Crescent Ave. and 20th St., San Pedro, for himself. Three-story 41x117 ft., frame and plas. construction, comp. rfg., pine trim, oak and pine flrs., tiled baths, wall beds, gas rads., water htr., cost $50,000.

LOS ANGELES, Cal.—S. J. Neugroschel, 533 S Westmoreland Ave., has had plans prepared and will erect a 3-story brick apt. house on Bonnie Brae St., bet. 5th and 6th Sts. for himself. Three-story, 40x142 ft., 66 rms., 30 apts., brick walls, press. brick facing, comp. rfg. pine trim, oak and pine fls., wall beds, tiled baths, gas rads., water hrts., cost $60,000.

PUBLIC LIBRARY

LOS ANGELES, Cal. — J. E. Shane, 1345 E Harvard Blvd., Glendale, is reported having prepared plans and having a contract to erect a $65,000 2-sto. frame apt. bldg. at Curson Ave. and De Longre St., for Dr. W. R. Owens, of Glendale. Eight double units on each floor. Stucco exter., shingle rf., hardwood and tile flrs., linoleum kitchen floors.

LOS ANGELES, Cal.—Archt. H. W. Charlton, H. D. Charlton, Assoc., 111 E Broadway, Glendale, are completing plans for a 3-story 73-room, stucco apt bldg. for E. J. Strange on Witmer St. near Crown Hill Ave., Los Angeles; 36 suites, 48x110 fe., comp. and tile rf.; 36 baths, gas rads., central water heater in basement, hardwood s., dis. beds; plans ready about Nov. 15; est. cost, $70,000.

BONDS

GRIDLEY, Butte Co., Cal. — Gridley Union High School District will call third election to vote bonds of $225,000 to finance construction of new high school buildings. Two previous elections failed to carry. Geo. C. Sellon & Co., Mitau Bldg., Sacramento. archts.

RICHMOND, Contra Costa Co., Cal.—City fails to vote bonds of $15,000 to finance construction of municipal hospital and $50,000 for a municipal swimming pool.

LOS ANGELES, Cal. — Local school trustees and citizens have unanimously voted to call a $225,000 bond issue for additions to the Venice Union Polytechnic high school group as follows: Addition to shops, $30,000; gymnasium and equipment, $65,000; Junior high addition of 12 rooms, $70,000; boiler house for heat, $15,000; new water supply, $2000; grounds for tennis courts and sidewalks, $5000; flood lighting for front of buildings, $2500; students' bus, $3200; repairs for roofs and repairing old building, $5000; equipments for new additions, $15,000; total, $212,-700.

ANAHEIM, Orange Co., Cal. — The $110,000 bond issue for an intermediate school bldg. carried at the recent election. The bldg. proposed will contain 12 rooms.

BAKERSFIELD, Kern Co., Cal. — Election will be held Nov. 24 in Old River School District to vote bonds of $26,000 to finance construction of new school. Trustees of district are: C. A. Paul and Styles Williams.

ESPARTO, Yolo Co., Cal. — Due to closing polls earlier than law allows, a second election will be held in the Esparto Grammar School District to vote bonds of $22,000 to finance construction of new school. The election will be held Nov. 24. Geo. C. Sellon & Co., Mitau Bldg., Sacramento, is the architect.

COMPTON, L. A. Co., Cal.—Nov. 27th is the date announced for holding an election in Compton to vote $144,000 in bonds to finance a school extension program, including sites, additions, new buildings and equipment, including domestic science and manual training departments.

SAN JOSE, Santa Clara Co., Cal.—County supervisors sell $125,000 bond issue of Palo Alto Union High School District for premium of $1,938. Proceeds of sale will finance construction of additions to high school buildings, contracts for which have been let. Birge M. Clark, Architect, 600 Embarcadero Road, Palo Alto.

SAN JOSE, Santa Clara Co., Cal.—Election will be held Nov. 20 in Hacienda-Pioneer-Valley View Union School District to vote bonds of $79,000 to finance construction of reinforced concrete new school building. Trustees of district are: H. J. Scitt, G. A. Malech, John W. Withere, Byron Hester and W. B. Mabie. Sketches are being prepared by architects Wyckoff & White, Growers Bank Bldg., San Jose.

SACRAMENTO, Cal.—Until Dec. 3, blds will be rec. by county clerk for purchase of $14,000 bond issue of Rio Vista Joint School District; proceeds of sale to finance school improvements.

LIVINGSTON, Merced Co., Cal.—City trustees will call election to vote bonds of $2500 to prepare site for city hall.

CHURCHES

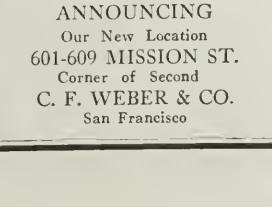
Permit Applied For—Bids to be Taken Shortly.
CHURCH Cost, $390,000
SAN FRANCISCO. SE Bush & Steiner Sts.
Class "A" church.
Owner—St. Domonic's Priory of S. F., 2390 Bush St.
Architect—Beezer Bros., 1915 Steiner St., San Francisco.

Low Bidder.
CHURCH Bid approx. $125,000
STOCKTON, San Joaquin Co., Cal.
Masonry church.
Owner—First Christian Church.
Architect—Robert H. Orr, 1305 Corporation Bldg., Los Angeles.
Low Bidder—O. H. Chain, Farmers & Mechanics Bank Bldg., Stockton.

Steel Contract Awarded.
CHURCH Cost $—
SAN FRANCISCO, SE Divisadero and Clay Streets.
Second unit of 1-story mez. and basement brick church.
Owner—Sixth Church of Christ Scientist.
Architect—W. H. Crim Jr. and H. Murdock, 425 Kearny St., San Francisco.
Steel awarded to Ralston Iron Works, 20th and Indiana Sts. at $11,242.
Other contracts will be awarded shortly.

Contract Awarded.
CHURCH Cost, $45,000
FRESNO, Fresno Co., Cal., Frenso and L Streets.
First unit of 2-story class A reinforced concrete and steel church.
Owner—St. Pauls M. E. Church.
Architect—Glass & Butner, Cory Bldg., Fresno.
Contractor—Jas. A. McCullough Fresno

Plans Being Prepared.
CHURCH Cost, $100,000
RENO, Nevada, Court and Rainbow Sts.
Masonry church.
Owner—Trinity Episcopal Church. (Rev. Edw. Tanner Brown, Rector)
Architect—Chas. Summer, 57 Post St., San Francisco.
Only preliminary plans have been prepared.



ANNOUNCING
Our New Location
601-609 MISSION ST.
Corner of Second
C. F. WEBER & CO.
San Francisco

ALAMEDA, Cal. — The Santa Clara Ave. Methodist Church, 8th and Santa Clara Ave., Alameda, is planning the erection of a new church. A committee has been selected to appoint an architect. Rev. B. Franklin Ray is pastor.

SANTA ANA, Orange Co., Cal.—Richland Ave. Methodist Episcopal Church has had plans prepared for a stucco type church bldg. and parish house to be erected at cor. Richland Ave. and Van Ness St., to cost $80,000. The proposed bldgs. will have church auditorium, 2-story in height, seating 435, with gallery and choir loft; tower 3 sto. high, and 2-sto. parish house containing Sunday school depts., with quarters for church activities. Rev. H. G. Burgess is pastor of the congregation.

SAN DIEGO, San Diego Co., Cal. — Archt. I. E. Loveless, San Diego, has completed tentative plans for a Jewish temple to be erected at Second and Beech Sts. to replace the present structure housing the Congregation Beth Israel. The proposed bldg. will contain auditorium seating 800, balcony, study, reference library, religious school, club rooms, etc. The edifice will approximate a 3-story bldg. in height, with a tower on each side of the main entrance. The club quarters, ets., will be contained in a separate structure adjoining and connected with main bldg. by corridor and courtyard. There will be a complete gymnasium, banquet hall dance floor, stage, motion picture equipment, bowling alley, ets. Est. cost $100,000. Adolph Levi, a prominent member, started the fund with $5000. About $25,000 has been subscribed to rate.

FACTORIES AND WAREHOUSES

Permit Applied For—Sub-Figures To Be Taken Shortly.
WAREHOUSE Cost, $284,000
SAN FRANCISCO, Ninth and Brannan Streets.
Five-story and basement reinforced concrete warehouse, 180x100.
Owner—Standard Sanitary Mfg. Co.
Architect — Weeks & Day, 315 Montgomery St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.

Contracts Awarded — Sub-Figures Being Taken.
FACTORY BLDG.
SAN FRANCISCO, Cal., SW Fifth and Brannan.
One and 2-story steel and brick factory building, 90x240.
Owner—The Grinnell Co., 453 Mission Street.
Architect—The Austin Co., Santa Fe Bldg., San Francisco.
Piling awarded to Hannah Bros., 142 Sansome Street.
Structural steel to California Steel Co., Hobart Building.
Concrete work to H. L. Peterson, 35 Montgomery Street.

Plans Being Figured.
FACTORY BLDG. Cost, $10,000
SAN FRANCISCO, Folsom St. near 8th
Two-story and basement reinforced concrete factory building.
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Owner Taking Figures.
MFG. PLANT Cost, $25,000
SAN FRANCISCO, SE 10th and Howard Streets.
One-sto. concrete manufacturing plant
Owner—Jas. A. Nelson, Inc., 517 6th St. San Francisco.
Architect—Harry A. Thomsen Jr., 618 Sharon Bldg., San Francisco.
Figures are being taken for a general contract.

AZUSA, Los Angeles Co., Cal.—Paramount Motors Corp. has purchased a 160-acre tract as site for a factory for the manufacture of automobiles. F. S. Lack is fiscal agent for the company and states that the company proposes to invest approx. $1,000,000 in this plant. The project has the endorsement of the Chamber of Commerce.

TULARE, Tulare Co., Cal. — J. T. Crowe heads committee in charge of drive to obtain $25,000 to finance construction of new Catholic church building for St. Aloysius Parish at Kern & F Streets.

MERCED, Merced Co., Cal.—California Chain Stores, operating in Southern California, will construct a $150,000 milk plant at Merced, according to Elmer Baker, secretary of the Merced Chamber of Commerce. A site for the plant is yet to be selected.

LOS ANGELES, Cal. — J. B. Harris, 4928 W Pico St., was awarded the general contract at $150,560 for erecting a 5-story class A reinf. conc. warehouse on San Pedro St. south of Pico St. for the board of education. Plans by the architectural department of board of education. Other contracts were awarded as follows: Plumbing to W. H. Robinson at $4600; painting to Arenz-Warren Co. at $2130, and wiring to American Electric Construction Co. at $3796.

SACRAMENTO, Cal. — Russell and Macauley, 426 J St., Sacramento, plan the construction of a hay and grain warehouse in the industrial district of B street levee. The first unit of the plant will cost approximately $50,000. The entire site covers an area of 160 by 160 ft.

SUISUN, Solano Co., Cal. — Roscoe Haegelin Co., (Roscoe Haegelin, 1357 10th Ave., San Francisco), is planning extensive improvements at the Suisun plant of the company. Details of the improvements are yet to be worked out

LOS ANGELES, Cal. — Lockwood, Greene & Co., engrs., 1st Natl. Bank Bldg., Chicago, have completed plans for a class A factory bldg. to be erected on San Fernando Rd. near Edward St., for Theme Hosiery Co., Ft. Wayne, Ind. It will be 4-story and basement, 100x100 ft., reinf. conc. frame, fls. and roof slabs, hollow tile filler walls, plas. exter., comp. rfg., steel sash, elevators, steel rolling doors, metal skylights; $300,000.

SAN FRANCISCO—The Scheer Electric Engineering Co., Chronicle Bldg., has been awarded a contract by Hart & Burmeister to install 28 motors and wiring in their new building on n.w. Jerrold and Napoleon Sts. in this city.

LOS ANGELES, Cal.—W. G. Holcomb Co., 906 E 14th St., has the contract to erect a 1-story factory bldg. at 62nd St. and South Park Ave. for the Bishonric Co. Frame constr., 150x230 ft., siding exter., comp. rfg., conc. fls, saw-tooth roof constr., steel sash; there will also be a reinf. conc. boiler house, 38x 43 ft., 25 ft. high. Noice & Merrill, Washington Bldg., engrs. Contr. and owner will have complete charge.

FLATS

Contract Awarded.
FLAT BLDGS. Cost, $10,500
SACRAMENTO, Cal. 1028 S St.
Two-story frame flat bldg., 4 4-room flat bldgs. and garage.
Owner—T. J. Gleason, 1022 S St., Sacramento.
Contractor—Wm. C. Keating, 925 Forum Bldg., Sacramento.

Contract Awarded.
FLATS Cost, $17,040
SAN FRANCISCO N Clay St. 114-6 W Larkin.
Three-story and basement frame (3) flats.
Owner—W. R. Proll, 1607 Clay St., S. F.
Architect—P. Righetti, 12 Geary St., San Francisco.
Contractor—J. Farnocchia & Co., 1812 Powell St., San Francisco.

GARAGES

Contract Awarded.
GARAGE $100,000 incl. equipment.
FRESNO, Fresno Co., Cal., Stanislaus and L Streets.
One-story and basement brick garage and auto salesrooms, 150x150 ft.
Owner—Elliot Bradley.
Architects & Contractors — Trewhitt-Shields Co., Rowell Bldg., Fresno.

Sub-Figures Being Taken — Contracts Awarded.
GARAGE Cost, $50,000
SAUSALITO, Marin Co., Water St.
Two-story and mez. floor reinforced concrete garage.
Owner—Clinton Mason, Sausalito.
Engineer—R. S. Chew, Rialto Bldg. San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.
Electrical work to Atlas, 185 Stevenson St., San Francisco.
Structural steel to Pacific Structural Iron Works, 370 10th St.
Plumbing to W. Dressler, Sausalito. . .

MERCED, Merced Co., Cal.—Sam W. Zentner, (Chevrolet Agency), 343 17th St., Merced, plans to start construction of auto service and garage building, 75 by 150 ft., in Sixteenth street, about Jan. 1. Est. cost $18,000 to $20,000

Permit Applied For.
ADDITION Cost, $15,000
SAN FRANCISCO, N Derby 82-6 E Taylor.
Two-story and basement reinforced concrete addition for garage.
Owner—Jos. Musto Estate Co.
Architect—Meyer & Johnson, 742 Market, San Francisco.

Contract Awarded.
GARAGE Cost, $—
SAN FRANCISCO, NE MAPLE & CLAY Streets.
One-story frame garage for residence.
Owner—Withheld.
Architect — Miller & Pflueger, Lick Bldg., San Francisco.
Contractor—Elliott & Grant, 180 Jessie St., San Francisco.

ALAMEDA, Alameda Co., Cal.—A. J. McPhee, 2144 E-27th St., Oakland, at $2195 submits low bid to city council to construct annex to city hall garage. Other bids: McIntosh Bros., $2490; Chas A. Boone, $2535; Leo Kochendorfer, $2855. Taken under advisement.

EUREKA, Humboldt Co., Cal. — Arthur Frisch, 231 E Street, Eureka, has purchased site 50 by 110 ft. at n.w. cor. of Fourth and C Streets and contemplates erection of modern garage building.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured.
ALTERATIONS Cost $—
SACRAMENTO, Postoffice building.
Alterations to P. O. new mailing room floor, painting, wire screens, cement sidewalk.
Owner—U. S. Government.
Architect—Wm. A. Newman, P. O. Bldg. 7th and Mission Sts., S. F.

Sealed proposals will be received at this office until 12 o'clock M., on the 15th day of November, 1923, and then opened for painting and repairs at the U. S. Appraisers' Stores, San Francisco, California, in accordance with specification dated November 1, 1923.

For any information desired apply to the above office.

WM. ARTHUR NEWMAN,
Superintendent.

SAN FRANCISCO—Until Nov. 19, 11 a. m., bids will be rec. by U. S. Eng. Office, 85 2nd St., for drydocking, repairing and painting of two 20-in. pipe line dredges and auxiliary plant. Further information obtainable from above office. Specifications for this work on file in office of Larsen Construction Reports, 818 Mission Street, San Francisco.

WASHINGTON, D. C.—Until Nov. 21, under Specification No. 2708, bids will be rec. by Bureau of Yards and Docks, Navy Department, for dredging at Puget Sound Navy Yard, Wash.

DENVER, Colo.—Until Nov. 27, 2 P. M., bids will be rec by Bureau of Reclamation for furnishing water pipe for reclamation addition to city of American Falls, Idaho, Minidoka project, involv. approx. 53,900 lin. ft. wood or metal pipe in sizes ranging from 4-in. to 14-in. in dia. Separate bids are wanted for laying said pipe. Further information on request.

SAN FRANCISCO—Until Nov. 16, 11:30 A. M., bids will be rec. by Constructing Quartermaster, Fort Mason, to grade Crissy Field. Further information on application.

DENVER, Colo.—Until Nov. 15, bids will be rec. by Bureau of Reclamation under Specification No. 342-D, for furnishing sewer manhole covers and sewer inlet covers for Minidoka project, Idaho, involv. approx. 60,000 lbs. metal work. Further information on request.

LIVERMORE, Cal.—See "Hospitals," this issue.

FORT MASON, Cal.—Bids were received on November 5th by the Constructing Quartermaster Office for installing pump and motor, and constructing addition to pump house, at Presidio of San Francisco, Calif.:

		Motor Addition & Pump
Jas. Currie	$ 754	$2900
L. L. Todd	926	——
H. J. Thiele	1111	2345
Emmett A. Britton....	1990	3009
Severin Elec. Co.	——	3667

Bids are over the amount available and have been referred to Washington.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

WASHINGTON, D. C.—Bids will be rec. by Bureau of Supplies and Accounts, Navy Department, for fur. and del. material to Navy Yards; date for opening bids as noted at end of each paragraph:

Schedule 1518, f. o. b. works, miscellaneous furniture, Nov. 27.

Schedule 1523, for Puget Sound, 9,650 lbs. seamless copper tubing, Nov. 20.

Schedule 1525, eastern and western yards, steel wire nails, Nov. 27.

Schedule 1526, Mare Island, 19,500 tin cans, Nov. 27.

Schedule 1528, eastern and western yards, dry cells and batteries, Nov. 27.

Schedule 1529, eastern and western yards, fuses and fuse elements, Nov. 27.

Schedule 1530, eastern and western yards, electrical supplies, Nov. 27.

Schedule 1531, eastern and western yards, 4,220 globes, Nov. 27.

Schedule 1532, eastern and western yards, flashlights, Nov. 27.

Schedule 1534, Mare Island, 30 ventilating sets, Nov. 27.

Schedule 1535, Mare Island, brass and copper pipe, Nov. 27.

Schedule 1537, Puget Sound, 4 duplex valves, Nov. 27.

Schedule 1540, eastern and western yards, electrical supplies, Nov. 27.

Schedule 1545, eastern and western yards, cotton and rubber insulating tape, Nov. 27.

SAN FRANCISCO—Until Nov. 15, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4921, for furnishing a drinking water evaporating system for the U. S. Snagboat "Bear," evaporator equipment to consist of the following:

A. The evaporator will be of self-scaling type with shell of seamless drawn brass tube, covers of bronze, flanges of brazing metal, spiral coils of 1-inch outside dia. BWG seamless drawn brass tubing tinned inside and out with an enveloping baffle of copper.

B. The distiller will have a shell of seamless drawn brass tube, covers of bronze, flanges of brazing metal and coil of 1-inch outside diameter No. 18 BWG seamless drawn copper tube tinned inside and out. Vent pipe of brass tinned inside. Rosehead of Commercial Bronze.

C. The aerating filter will have a shell and basket of sheet copper, covers of bronze, flanges of brazing metal and filter material will be animal bone charcoal. All surfaces in contact with water will be tin.

Capacity (when supplied with steam at 60-lb. pressure):

30-gal. distilled water with fresh water feed.

12-¼ gal. distilled water with salt water feed.

WOODLAND, Yolo Co., Cal.—Harry D. Porter, Woodland, will erect a $10,000 structure to be leased to the Government for postoffice quarters; will be 50 by 76 ft. and will be erected in College Ave.

WASHINGTON, D. C.—Until Nov. 19, 10:30 a. m., bids will be rec. by General Purchasing Officer, Panama Canal, for fur. and del. Balboa (Pacific Port) following materials under Circular No. 1569: Water-tube binlers, motors, electrical wire and cable, carriage bolts, machine bolts, nuts, rivets, screws and washers. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

STOCKTON, San Joaquin Co., Cal.—Representative Chas. F. Curry will recommend $180,000 appropriation to finance construction of addition to Stockton post office.

DENVER, Colo.—Omaha Steel Works, Omaha, Neb., at $998 awarded cont by U. S. Reclamation Service for fur. gate hoists and metal work, under Specification D, for the McKay dam, Umatilla project, Oregon.

Sealed proposals will be opened in this office at 12 o'clock M. on the 22nd day of November, 1923, for miscellaneous repairs and painting at the U. S. Mint Building, San Francisco, California.

Specifications may be obtained at this office at the discretion of the Supervising Superintendent.

WM. ARTHUR NEWMAN,
Superintendent.

WASHINGTON, D. C.—Until Nov. 16, 10:30 a. m., bids will be rec. by Purchasing Agent, Panama Canal, under Circular No. 1571, for fur. and del. Balboa (Pacific Port): steel tires, divers' telephones, track bolts, brass relief valves, priming cups, fusible plugs, track jacks, water gauge glasses, scrub brush handles, poplar and ash lumber, and cypress crossties. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

HALLS AND SOCIETY BUILDINGS

Segregated Figures To Be Taken in Ten Days.
STORE, ETC. Cost, $—
RIPON, San Joaquin Co., Cal.
Two-story and basement reinforced concrete store, lodge and theatre bldg. with brick exterior.
Owner—Ripon Lodge of Odd Fellows.
Architect—Jas. H. Hoose, Ramont Bldg Modesto.

Plans Being Prepared.
STORE, ETC. Cost, $90,000
MODESTO, Stanislaus Co., Cal., 13th and I Streets.
Three-story and basement brick and steel store and lodge bldg.
Owner—Modesto Lodge of Elks.
Architect—Jas. H. Hoose, Ramont Bldg Modesto.

Ready For Figures Monday.
LODGE BLDG. Cost, $100,000
WOODLAND, Yolo Co., Cal., Bush and College Sts.
Two-story reinforced concrete lodge building.
Owner—Elks Lodge.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?
For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.
OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.
A. Quandt & Sons
Painters · Decorators
Since 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
Los Angeles

Contracts Awarded.
SORORITY HOUSE Cost, $—
BERKELEY, Alameda Co., Cal., No. 2724 Channing Way.
Two-story 22-room frame and stucco sorority house.
Owner—Alpha Gamma, 2647 Regent St., Berkeley.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
General contract—E. T. Leiter & Son, 3601 West St., Oakland, approximately $27,000.
Painting—I. Incebrightsen, 1222 E-28th St., Oakland.
Plumbing — Chas. Sturm, 407 12th St., Oakland.
Heating—W. K. Nottingham, 368 10th St., Oakland.
Electrical work—Roberts Mfg. Co. 2270 Broadway, Oakland.

Working Drawings Being Prepared.
CLUB BLDG. Cost, $200,000
SAN FRANCISCO, Lakeside Golf Links
Two-story frame and stucco Spanish style club bldg. (clubrooms, living rms, lockers, swimming tank etc.)
Owner—Olympic Club.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, $30,000
SAN FRANCISCO, Arguello Blvd. and Geary St.
Alter frame and stucco church into club (cardrooms, billiard room, stage, etc.
Owner — Independent Order of B'na B'rith, S. F. Lodge.
Architect—S. Heiman, 57 Post St., S. F.

Segregated Figures Being Taken.
LODGE BLDG. Cost, $200,000
SAN JOSE, Santa Clara Co., Cal. Third and St. James Sts.
Two-story and basement reinforced concrete lodge building.
Owner—Scottish Rite Temple Association.
Architect—Carl Werner, Santa Fe Bldg. San Francisco.
Bids previously received ran high and plans were revised. Segregated figures are being taken as follows: Excavating, reinforcing steel, concrete work, plumbing, heating, electrical, painting, carpentry, masonry, plastering, tile roofing and hardware.

HERMOSA BEACH, L. A. Co., Cal.—Archt. Myron Hunt, 1107 Hibernian Bldg., L. A., is completing plans for a class A club bldg. to be erected at Hermosa Beach for the Surf and Sand Club. It will be 6-stories and mezzanine story, 85x150 ft., reinf. conc., construction, stucco exter., comp. rfg., pine trim, oak and pine fls., marble and tile work, steam htg., locker rooms, plunge, etc. Bids will be taken shortly.

BREMERTON, Wash. — Parker and Wood, (formerly in the Arcade Bldg., Seattle,) now located at Bremerton, Wash., have been awarded the contract to erect the five story and basement steel and concrete, 101 by 120-ft., Y. M. C. A. building at Bremerton, from plans of Architects Lawton and Moldenhour, Alaska Bldg., Seattle. Est. contract price $148,000.

NAPA, Napa Co., Cal.—Coffield and Arnitz, Napa, awarded contract to erect club house for Napa Valley Country Club. Plans were prepared by Architectural-Designer Leroy Hunt.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

SANTA CRUZ, Santa Cruz Co., Cal.—City council and Santa Cruz county supervisors will assist the American Legion to finance construction of a new club building. A structure costing $50,000 is contemplated.

LOS ANGELES, Cal.—Archts. Morgan, Walls & Clements, 1124 Van Nuys Bldg., are completing plans for the new Odd Fellows Lodge bldg. to be erected at n.e. cor. of Washington and Oak Sts. Dimensions 104 by 172 ft., 3-stories and basement, steel frame, brick walls, cast stone and stucco exter., comp. rfg., wood fls.; marble and tile work, hardwood and pine trim; oak, pine and cem fls., etc.

ALAMEDA, Alameda Co., Cal. — A. Wegner, 180 Jessie St., San Francisco, awarded contract by city council to erect clubhouse in Lincoln Park on bid of $2880. Other bids were: H. M. Larsen, $3100; McIntosh Bros., $3490; A. J. McPhee, $3775.

HOSPITALS

Figures To Be Taken Shortly.
HOSPITAL BLDGS. $1,000,000 approx
LIVERMORE, Alameda Co., Cal.
Group of hospital bldgs. with stuccoed hollow tile walls, reinforced concrete floor, slabs, Spanish; tile & composition roofing.
Owner—U. S. Veterans' Hospital.
Architect — Construction Division of the Bureau, Washington, D. C.
Bids will be advertised for shortly.

ALAMEDA, Alameda Co., Cal.—W. & J. Sloane Co., 224 Sutter St., San Francisco, at $1300.81 submits low bid to city council to fur. and lay linoleum in Alameda City Health Center building. Other bids: Bonded Floor Co., $1490; D. N. & E. Walter, $1377.30. Taken under advisement.

BAKERSFIELD, Kern Co., Cal. — Currie and Dulgar, Bakersfield, at $2,590 awarded cont. by county supervisors to install window screens at county jail. Other bids Bakersfield Iron Works, Bakersfield, $3790; City Wire & Iron Works, Los Angeles, $4342; Wm. Eissler, Bakersfield, $4300; Bakersfield Machine Co., Bakersfield, $2941.64.

SACRAMENTO, Cal.—Until Nov. 19, 2 p. m., bids will be rec. by Harry W. Hall, county clerk, to fur. and install lighting fixtures in Service and Children's Ward and Infectious Ward buildings at county hospital grounds. R. A. Herrold, architect, 430 Forum Bldg., Sacramento. Cert. chk. 10% payable to Chairman of Board of Supervisors req. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Maj. Frank D. Hines, director of the Veterans Bureau at Washington, D. C., has announced that a 500-acre tract of land bet. Pacoima canyon and Olive View Sanitarium, a mi. north of San Fernando and known as the Ford-Craig ranch, has been selected as the site for the proposed $1,000,000 veterans' hospital for tubercular ex-service men. It is said that ground will be broken within 30 days. The bldgs. to be erected will be of the cottage unit type, of hollow tile constr., and will contain 250 beds. The bldgs. will be added to as necessary.

SACRAMENTO, Cal.—Informal bids will be received until Nov. 14, 1923, 12 noon, by Geo. B. McDougall, State Architect, Chief Division of Architecture, Forum Building, Sacramento, for the tile roof for the Furniture Shop, Southern California State Hospital, Patton Los Angeles Co.

SANTA CRUZ, Santa Cruz Co., Cal.—County supervisors are planning erection of new county hospital buildings. Preliminary plans for the improvements are yet to be presented to the board. Henry H. Meyers, Kohl Bldg., San Francisco, is the architect.

HOTELS

Low Bidder On General Contract.
ADDITION Cost, $50,000
SALINAS, Monterey Co., Cal., 150 Main Street.
Four-story reinforced concrete class C hotel addition (cement exterior & composition roof).
Owner — Cominos Hotel, 150 Main St., Salinas.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
R. O. Summers, 17 N 1st St., San Jose submitted the lowest bid for the general contract.

Plans Being Prepared.
LODGING HOUSE Cost, $35,000
SACRAMENTO, Cal.
Three-story brick stores and lodging house, 40 rooms with 8 baths; 5 stores.
Owner—Withheld until plans are further pregressed.
Architect — Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Owner Taking Sub-Figures.
HOTEL Cost, $200,000
SAN FRANCISCO, SW Ellis and Cohen Place.
Six-story and basement reinforced concrete hotel (150 rooms).
Owner—D. J. Clancy, 2884 Folsom St., San Francisco.
Architect — Baumann and Jose, 251 Kearny St., San Francisco.

Segregated Figures Being Taken.
HOTEL ANNEX Cost, $25,000
SAN FRANCISCO, Downtown district.
Five-story and basement class "B" hotel annex (40 rooms, stores on the ground floor).
Owner—Name withheld for the present.
Architect—Wm. F. Gunnison and Merritt, 57 Post St., S. F.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 330 Pac. Finance Bldg., are preparing working drawings for an 11-story and basement class A family-hotel bldg. to be erected at Wilshire Blvd. and New Hampshire St. for A. C. Blumenthal, Jos. Schenck and associates. Dimensions, 125x145 ft., 350 rooms reinf. conc. construction, press. brick and terra cotta facing, hardwood trim, marble and tile work, elevators, steam htg., vacuum cleaning; $1,100,000.

THE AD Clubs of California.
ARE DOING a wonderful work.
WHEN THEY advocate the use.
OF SNOWLESS Christmas cards.
WHEN WE Californians.
SEND OUT our Christmas greetings.
ON DECEMBER 25th next.
BELIEVE IT or not.
BUT WE of this great state.
SEND OUT 25,000,000 cards.
AT CHRISTMAS time each year.
AND CLARENCE Sand Pratt, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
AND PRODUCER of clean sand.
AT SACRAMENTO, California.
AND MARYSVILLE, California.
IS OF the opinion.
THAT SNOW on the roof.
OR ALL over the windows.
ON THESE cards.
DOES NOT advertise Sunny California.
THEREFORE, SANDY Pratt, seller.
OF WASHED American River Sand.
AT SACRAMENTO, California.
AND WASHED Yuba River Sand.
FROM MARYSVILLE, California.
WILL SEND out Christmas cards.
WITH PICTURES of sunshine.
AND BEAUTIFUL flowers only.
AND IS it not better.
TO PAINT and talk pictures.
OF BEAUTIFUL things.
SUCH AS flowers and sunshine.
INSTEAD OF snow and cold.
AND AS you go.
TO YOUR office each day.
OR DOWN the road.
SPREAD SUNSHINE and happiness.
LEAVE THE snow and cold.
IN THE back ground.
YOU KNOW, dear reader.
IF YOU face the sun.
YOU NEVER see your shadow.
SO DO as Sandy Pratt.
AND THE Ad Club are doing.
SEND THEM a Christmas card.
SMOTHERED WITH flowers.
AND ILLUMINATED with sunshine.
"I THANK you."

In wonderful California, you see so much sunshine and flowers why not send your Eastern relatives snowless Christmas cards. Then they will move to California and Sandy Pratt, producer of sand, rock and gravel, can sell them the above mentioned material for a new home.

LOS ANGELES, Cal.—Chas. R. Hite has secured a 99-year lease on the s.e. cor. of 7th and Hoover Sts. and contemplates the erection of a 12-story class A hotel. Possession of the property will be obtained in 18 months. Morgan, Walls & Clements, 1124 Van Nuys Bldg., will be the archts.

LOS ANGELES, Cal.—Lange & Bergstrom, Washington Bldg., have been awarded a contract on a fixed fee basis for erecting a 3-story brick class C store and hotel bldg. at n.e. cor. of 9th and Flower Sts. for Emil Olcovich Co. Morgan, Walls & Clements, 1124 Van Nuys Bldg., archts. Dimensions 65x157 ft., stores in first story, 86 hotel rms. in upper stories; brick walls, press. brick and terra cotta facing, plate glass, comp. rfg., metal skylights, pine trim, tiled baths, water htrs, gas htg.

BANDON, Ore.—Architects Tourtellotte & Hummel, Failing Bldg., Portland, preparing preliminary plans for 4-story, L-shape, concrete tourist hotel to be erected at "Bandon, By-The-Sea," for a group of local businessmen. Will contain from 75 to 100 guest rooms. Est. cost, $100,000.

TACOMA, Wash. — Building Committee of Citizens' Hotel Corporation, W. R. Nichols, President, Tacoma, taking bids until Dec. 11, 10 A. M., to erect $1,500,000 civic hotel building to be known as Hotel Winthrop.

FALL RIVER MILLS, Shasta Co., Cal. —Chas. E. Kormel announces he will have plans prepared for a 40-room hotel to be erected early next Spring.

WILMINGTON, L. A. Co., Cal.—Cordray & Shoots have been awarded the contract at approx. $50,000 to erect a 53-room hotel bldg. at 543 N Broad St., Wilmington, for R. C. Halliday. Two story, steel and conc. constr. with ornamental front. Mr. Halliday is the owner of the recently completed Dennis Hotel and Beadie Apts.

LOS ANGELES, Cal. — Luther T. Mayo, 532 Black Bldg., has completed plans and has the contract at $50,000 to erect a two-story hotel building at 663 Bixel St. for S. P. Smith; it will contain 40 rooms, 75% baths, and large lobby. Cement slab construction, 2-story and part basement, 55x146 ft., composition and tile roofing, cement harwdood and O. P. floors, gas radiators, automatic storage water heater, tiled baths, plate glass, cement exterior, metal lath.

LOS ANGELES, Cal.—A. E. Boyce 411 Pac. Finance Bldg., will erect a 74-rm. hotel bldg. on 23rd St., bet. Hillt St. and Grand Ave., for himself. Three-story, 56x126 ft., frame and plas. const., comp. rfg., pine trim, oak and pine fls., tiled baths, gas rads., water htrs; cost $70,000.

ALHAMBRA, L. A. Co., Cal.—Archt. Loy L. Smith, 218 Byrne Bldg. has completed plans and is taking bids on subcontracts, for a 2-story and part 3-sto. hotel bldg., to be erected at 1726 W Main St. for A. H. Smith; it will contain 70 rooms, with 40% baths. Brick walls, press. brick facing, tile and comp. rfg., cem., hardwood and pine fls, steam htg. system, basement, struc pine and mahogany trim, dlato tile pine and mahogany trim, dlanto tile baths.
(48385) 10

LOS ANGELES, CAL.—Archt. H. W. Charlton, H. D. Charlton, Assoc., 111 E Broadway, Glendale, have prepared preliminary plans for a 4-story and basement brick hotel to be built on Figueroa St. near Third St., Los Angeles; owner's name withheld. Class C 112 rooms, 50% baths; est. cost $120,000.

LOS ANGELES, Cal.—Archt. Loy L. Smith, 218 Byrne Bldg., is preparing plans for a 14-story class A hotel bldg. to be erected at 636-44 S Main St., for the Metropolitan Hotel Corp., W. B. Hanner, pres.; it will contain 620 rms. with 40% baths. Reinf. conc. constr., 92x147 ft., press. brick and terra cotta facing, 3 elec. elevators, mezzanine fl., marble work, plate glass, ets.; $1,250,000.

POWER PLANTS

BOONVILLE, Mendocino Co., Cal. — Until Nov. 28, 2 p. m., bids will be rec. by Eyron G. Gowan, secy. Anderson Valley High School District, for furnishing lighting plant. Three separate bids are desired: (1) furnish 20,000 to 25,000 watts; (2) 25,000 to 30,000 watts; (3) 30,000 to 35,000 watts. Further information obtainable from clerk.

PUBLIC BUILDINGS

OAKLAND, Cal.—City Council, E. K. Sturgis, City Clerk, votes to install elevator in the arena of the Municipal Auditorium. Bids will be asked shortly.

Plans Being Prepared.
FIREHOUSE Cost, $25,000
ALAMEDA, Alameda Co., Cal. Grand or Paru Sts.
Frame and stucco firehouse with tile roof.
Owner—City of Alameda.
Architect — Carl Werner, Santa Fe Bldg., San Francisco.

OAKLAND, Cal.—City Commissioner of Health and Safety Frank Colbourn will recommend appropriations for incorporation in 1924 budget to finance construction of two new police stations, one to be located in the vicinity of Lake Merritt. Eugene K. Sturgis is City Clerk.

SACRAMENTO, Cal.—Informal bids were opened Nov. 6, 1923, 12 o'clock noon by the State Architect, Department of Public Works, Sacramento, for composition roofing, sheet metal work, painters' and upholsters' shop at Agnew State Hospital, Agnew, Santa Clara Co., Cal. Bids were as follows:
Malott & Peterson, S. F. $500
Garden City Roofing Co. 600
Alternates, $642 and $865.
J. W. Bender 720
Alternate, $594
Fibrestone Roofing Co. 800

RIVERSIDE, Riverside Co., Cal. — Archt. Howard E. Jones, 405 Katz Bldg. San Bernardino, has completed plans and spec. for new city hall to be erected under the $100,000 bond issue. They have been submitted to the council for approval and bids will be called for at once. A re-advertisement on sale of the bonds will be published at once. The proposed bldg. will be 2-stories and base., of Spanish style with an imposing tower in front. In addition to the city offices, a large room will be provided for a civic museum. Class A rein. conc. constr., stucco exter., tile roof, ornam iron balconies, etc. Karl Martin, owner of the structure occupying the site, at cor. 7th and Orange Sts., will have the bldg. removed this week.

SAN ANDREAS, Calaveras Co., Cal.—Tredway Bros., 429 E-Weber St., Stockton, at $1275, awarded contract by county supervisors to fur. and install in office of clerk one metal counter, 12 ft. 3 in. wide, 3 ft. 8 in. deep and 3 ft. 6 in. high, containing roller shelves, drawers and compartments. M. G. West Co., 115 Front St., San Francisco, only other bidder.

SANTA ANA, Orange Co., Cal.—Until 11 a. m., Nov. 27, bids will be rec. by county supervisors for the erection of a juvenile detention home on Fruit St. near Grand Ave., Santa Ana. Contrs. to be let are: A, general contr.; B, steam heating. Cert. check of bond 5%. Plans and spec. may be obtained from Frederick H. Eley, archt., Santa Ana, upon deposit of $25. J. M. Backs, county clk.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $30,000
SAN FRANCISCO, S Broadway 125 W Baker.
Two-story and basement frame residence.
Owner—Milton D. Eisner, 530 Funston Ave., San Francisco.
Architect—G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor — Taylor & Jackson, 290 Tehama St., San Francisco.

Contract Awarded.
DWELLING Cost, $20,000
OAKLAND, SE BROOKWOOD AND Trestle Road.
Two-story 9-room frame dwelling.
Owner—J. Cassow, 513 Clay St., Oakland.
Contractor—N. Gaubert, 1910 40th Ave., Oakland.

Sketches Being Prepared.
RESIDENCE Cost, $12,000
BERKELEY, Cal., 1529 Hawthorne.
Two-story frame and stucco 7-room residence with tile roof.
Owner—H. H. Whiting.
Architect—C. E. Gottschalk, Phelan Bldg., San Francisco.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

Plans Completed.
RESIDENCE Cost, $9000
BURLINGAME, San Mateo Co., Cal. W ½ LOT 14 BLK 10, Bellevue Ave.
Two-story residence and garage.
Owner—B. V. Hole, 1406 Bellevue Ave., Burlingame.

Contract Awarded
DWELLING Cost, $10,000
PIEDMONT, Alameda Co., Cal. No. 8 Woodland Way.
One-story 6-room dwelling and garage.
Owner—K. Road, Rigillas Apartments, Oakland.
Architect—None.
Contractor—Interlocking Cement Co., 82 9th St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Cal. Euclid Avenue.
Two-story and basement frame and plaster residence.
Owner—Mrs. Humphrey.
Architect—W. H. Ratcliff Jr., 1st Nat'l. Bank Bldg., Berkeley.

Completing Plans—Contract Awarded
RESIDENCE Cost, $25,000
STOCKTON, San Joaquin Co., Cal.
Two-story frame Colonial style residence (10 rooms and garage).
Owner—Dr. J. J. Dameron, Yosemite Bldg., Stockton.
Architect—Mayo, Cowell & Bissell, 21 S-San Joaquin St., Stockton.
Contractor—Name withheld for present
Shingle roof, heating system not decided, hardwood floors and finish.
Plans will be completed in about a month.

Contract Awarded.
RESIDENCE Cost, $17,785
OAKLAND, Alameda Co., Cal., Vernon Street.
Two-story frame and stucco residence with asbestos shingle roof.
Owner—Mr. Oliver.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor — Haskell & McPhee, 351 12th St., Oakland.
Other bids were:

H. A. Andresen	$17,996
Emil Person	19,135
Jensen & Peterson	19,845
C. H. Lawrence	19,752
A. F. Marshall	22,000

Contract Awarded.
RESIDENCE Cost, $11,500
OAKLAND, 886 Lakeshore Ave.
Two-story 8-room frame residence.
Owner—R. B. Moon.
Contractor—Mervin P. Rose, 940 Oxford St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $9000
CERIS, Stanislaus Co., Cal.
One-story 7-room frame residence with shake exterior.
Owner—Chas. Whitmore.
Architect—Jas. H. Hoose, Ramont Bldg Modesto.

Plans Being Prepared.
RESIDENCE Cost, $8,000
BERKELEY, Alameda Co., Cal. Arlington Heights.
Two-story frame and stucco residence with fire resisting shingle roof.
Owner—Prof. Stuart Daggett.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.

Contract Awarded.
RESIDENCE Cost, $10,247
BERKELEY, Alameda Co., Cal. Euclid and Cedar Aves.
Two-story frame and stucco residence with tile roof.
Owner—J. S. Kingsley.
Architect—W. H. Ratcliff, 1st Nat'l. Bk. Bldg., Berkeley.
Contractor—B. J. Bertelsen, 667 39th St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Hawthorne Terrace.
Two-story frame and stucco residence.
Owner—Prof. Solomon Blum.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.

Segregated Figures Being Taken.
RESIDENCE Cost, $7500
OAKLAND, Alameda Co. ,Cal., Alma Avenue.
One-story and basement frame and stucco Spanish colonial style residence with tile roof (basement garage).
Owner—Mr. Zolling.
Architect—Guy L. Brown, American Bank Bldg., Oakland.

Contracts Awarded.
RESIDENCE Cost, $30,000
PIEDMONT, Mandana Blvd.
Two-story and basement frame and brick veneer residence with asbestos shingle roof (14 rooms and garage.)
Owner—A. S. Pickell.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.
General contract to R. Stolte.
Plumbing to H. M. Finzel.
Tile to Rigney Tile Co., 2148 Telegraph Ave., Oakland.
Electrical work to Spott Elec. Co., 2144 Broadway, Oakland.
Brick work to Chas. Chubb, 351 12th St., Oakland.
Painting to W. H. Pollard, 340 13th St., Oakland.
Plastering not decided.
Heating to Hall Gas Furnace Co., 319 12th St., Oakland.

Contracts Awarded.
RESIDENCE
PIEDMONT, Mandana Blvd.
Two-story and basement frame and stucco Spanish style residence with terra cotta tile roof (11 rooms).
Owner—A. Marshall.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., San Francisco.
General contract to R. Stolte.
Plumbing to H. M. Finzel, 3825 14th Ave., Oakland.
Tile work to Rigney Tile Co., 2148 Telegraph Ave., Oakland.
Electrical work to Spott Elec. Co., 2144 Broadway, Oakland.
Painting to A. Van Heerdon Co., 6250 College Ave., Oakland.
Plastering not decided.
Brick to Chas. Chubb, 351 12th St., Oakland.
Hardwood floors not decided.
Roofing not decided.
Heating (gas hot air) to F. L. Pollard, Oakland.
Ornam. iron to F. Kern & Son.

Plans Being Prepared.
DWELLING Cost, $8,000
MILL VALLEY, Marin Co., Cal.
One-story frame dwelling (6 rooms and 2 baths).
Owner—Walter B. Malising, S. F.
Architect — Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

Plans Being Figured.
DWELLING Cost, $4,500
SACRAMENTO, Cal.
One-story frame dwelling.
Owner—L. B. Lentz, Sacramento.
Architect — Frederick S. Harrison, Peoples Bank Bldg., Sacramento.

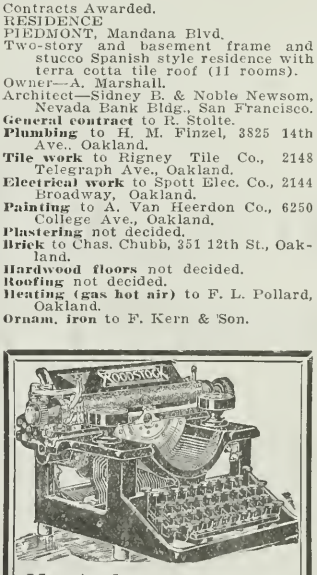
SCHOOLS

Plans Being Figured—Bids Close Dec. 1, 1923, 8 P. M.
COLLEGE BLDGS. Cost, $600,000
STOCKTON, San Joaquin Co., Cal.
Group of 7 2-story concrete, brick and wood college buildings with terra cotta trim and slate roofs.
Owner—College of the Pacific.
Managers of Construction—Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Architects—See following note.
Science Building—Losekann & Crowdsley, Elks Bldg., Stockton, architect
Dining and Social Halls — Wright & Satterlee, Bank of Italy Bldg., Stockton, architect.
Auditorium—Mayo, Cowell & Bissell ,21 S-San Joaquin St., Stockton, architects.
Boys' Dormitory, Girls' Dormitory, Power House, Davis-Heller-Pearce Co., architects.
Administration Building — Louis S Stone and Franklyn E. Warner, Belding Bldg., Stockton.
Gymnasium Building—Wright & Saterlee. This building will not be figured at this time.
Stadium—The work is being done by the college under the supervision of Davis-Heller-Pearce Co., and is three-quarters completed; seating capacity, 20,000.
Figures are being taken as follows:
General contract for the seven buildings, except plumbing, heating, ventilating and electrical work.
General contract except mechanical equipment for each building separately
Plumbing, heating, ventilating and electrical work separately and a combination bid
Plans on file in the office of the Building and Engineering News, 818 Mission St.

Completing Plans.
SCHOOL Cost, $25,000
LOS BANOS, Merced Co., Cal.
One-story brick or hollow tile school (4 rooms).
Owner—Romeo School District.
Architect—Jas. H. Hoose, Ramont Bldg Modesto.

Plans BeingPrepared.
SCHOOL Cost, $95,000
WILLOW GLEN, Santa Clara Co., Cal.
Two-story reinforced concrete school.
Owner — Willow Glen Elementary School District.
Architect—Wyckoff and White, Growers Bank Bldg., San Jose.
Erection of building depends upon bond election to be held Dec. 7.

KING'S ORIENTAL STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

Lowest Bid Being Considered.
SCHOOL BLDG.
SANTA ROSA, Sonoma Co., Cal.
Reinforced concrete and brick high school building.
Owner—Santa Rosa High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco and W. F. Herbert, Rosenberg Bldg., Santa Rosa, associated.
The bid of Hannah Bros., 142 Sansome St., San Francisco, for all work except plumbing, heating and electrical work at $345,946 is being considered. A decision will be made at the meeting, November 5th.

Figures To Be Taken In a Week.
SCHOOL Cost, $8000
ROBERTS FERRY, Stanislaus Co., Cal.
One-story 2-room frame school.
Owner—Roberts Ferry Union School District.
Architect—Jas. H. Hoose, Ramont Bldg. Modesto.

Commissioned To Prepare Plans.
SCHOOL Cost, $85,000
HANFORD, Kings Co., Cal., Donager Tract (facing Park Ave.)
Brick school building.
Owner — Hanford Elementary School District.
Architect—J. R. Henderson, Tulare.

Figures To Be Taken Shortly.
SCHOOL Cost, $65,000
DURHAM, Butte Co., Cal.
One-story concrete high school (15 rooms)
Owner—Durham High School District.
Architect—Chester Cole, 214 Waterland Bldg., Chico.

Plans To Be Prepared.
SCHOOL Cost, $100,000
STOCKTON, San Joaquin Co., Cal.
Fireproof school for boys.
Owner — St. Mary's Catholic Church, Rev. Father W. E. McGough.
Architect—Not Selecter.

Working Plans Being Prepared.
SCHOOL Cost, $300,000
SAN FRANCISCO, 22nd Ave., 23rd Ave., California & Clement Sts. "Alamo School"
Two-story reinforced concrete school with cement and terra cotta exterior (24 classrooms and an auditorium).
Owner—City and County of S. F.
Architect — Miller and Pflueger, Lick Bldg., San Francisco.

Contract Awarded.
ADDITION Cost, $13,838
SACRAMENTO Co., Cal., San Juan Union High School District.
Addition to auditorium and gymnasium building.
Owner—San Juan Union High School District.
Architect—E. J. Seadler, Mitau Bldg., Sacramento.
Contractor—Chas. S. Mabrey, Ochsner Bldg., Sacramento.

Contract Awarded.
FLORIN, Sacramento Co., Cal.
One-story frame and stucco school bldg. with tile roof.
Owner—Florin Grammar School.
Architect—Woollett and Lamb, Mull Bldg., Sacramento.
Contractor—Hernnon & Finnigan, 1814 17th St., Sacramento.

OAKLAND, Alameda Co., Cal.—Bids were opened on November 7th, for the construction of a two-story reinforced concrete elementary and high school building to contain approximately twenty-five rooms for St. Elizabeth's Parish School. It is to be erected at No. 1532 Thirty-fourth avenue in Oakland and from plans prepared by Architect John J. Donovan, 1916 Broadway, Oakland. Bids were taken under advisement and were for the building complete.

Larsen-Siegrist, Claus Spreckels Bldg., San Francisco	$251,777
Henry Larsen, Monadnock Bldg. San Francisco	255,652
Schuler & McDonald, Oakland	256,388
Monson Bros., San Francisco	278,764
Barrett & Hilp, San Francisco	279,000
R. W. Littlefield, Oakland	285,400

COACHELLA, Riverside Co., Cal.—Plans have been adopted by the Coachella union high school board of education for a new unit to the high school group four mile south of Coachella. Plans adopted call for a building which will cost approx. $50,000, containing auditorium, gymnasium and several classrooms. The style of the building will follow the present architecture.

LOS ANGELES, Cal.—Until 9 a. m., Nov. 21, bids will be received by the board of education for erecting new school bldg at 14th St. school site, s.w. cor. of 14th St. and Burnside Ove. Plans by architectural department of board of education. Separate bids on general contract, plumbing, wiring, heating and painting. Two-story brick construction; appropriation $84,000. Plans and spec. may be obtained at secretary's office, 730 Security Bldg.

COVINA, L. A. Co., Cal. — Archts. Train & Williams, 226 Western Mutual Life Bldg., L. A. have been commissioned to prepare plans for alterations and additions to the auditorium bldg. and for a new science bldg. to be erected at Covina high school site. The science hall will be 2-story and high basement, 156x66 ft. and will contain 15 rooms, cafeteria, etc. The addition to the auditorium will be 55x72 ft., seating capacity to be increased to 1000. Reinf. conc. walls, cast stone and stucco exter., comp. rfg., wood fls., reinforced conc. stairways and corridor fls., pine trim; $150,000.

HARDWICK, Kings Co., Cal.—Until Nov. 21, 12 M., bids will be rec. by Lavoy Landis, clerk, Hardwick School District, to kalsomine interior of school. Further information obtainable from clerk.

SACRAMENTO, Cal.—Until Nov. 19, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, rm. 300 City Hall, for fur. lumber f. o. b. old high school site, 19th and K Sts. Lists of materials desired obtainable from secretary on request. Cert. check 10% payable to Board of Educ. required with each bid.

LOS ANGELES, Cal.—Archt. Loy L. Smith, 218 Byrne Bldg., is completing plans for a 9-room side addition to the Alexander Ave. elementary school bldg at Alexander Ave. and Oakwood St., for the Board of Education. Brick walls 2-stories and basement, press. brick facing, comp. rfg., cem. and hardwood fls., conc. corridor and stair constr.; cost $77,000.

LOS ANGELES, Cal. — Reed Bros. Constr. Co. was awarded the general contract at $41,662 for erecting a new bldg. at Cheremoya school site. Harwood Hewitt, archt. Other contracts were awarded as follows: Plumbing & heating to J. Hokom at $1705 and 3370 respectively; and wiring to H. H. Walker at $1500.

TRANQUILLITY, Fresno Co., Cal. — Until Nov. 22, 2:30 p. m., bids will be rec. by Robert C. Brown, clerk, Tranquillity Union High School District, to install low pressure steam heating system in school. Cert. check 10% payable to clerk req. Ernest J. Kump Co., architects, Rowell Bldg., Fresno. **See call for bids under official proposal section in this issue.**

BANKS, STORES & OFFICES

Plans Being Prepared.
BANK & OFFICE BLDG. Cost, $—
BERKELEY, Alameda Co., Cal., SE University and Shattuck Aves.
Eight-story and basement class A steel and reinforced concrete bank and office bldg. with pressed brick exterior.
Owner—American Bank.
Architect—Edward T. Foulkes, Crocker Bldg., S. F. & 357 12th St., Oakland.

Contract Awarded.
ALTERATIONS Cost, $28,860
FRESNO, Fresno Co., Cal., 1039 Fulton Street.
Alterations and additions.
Owner—Short Estate.
Contractor—F. J. Stone, Mason Bldg., Fresno.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE. WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

Plans To Be Prepared.
STORE & OFFICE Cost, $—
SAN FRANCISCO, N Market bet. Kearny & Montgomery running through to Post St.
Fireproof store and office bldg.
Owner—Wm. H. Crocker, Crocker Bldg. San Francisco.
Architect—Not selected.
This building will replace the structures destroyed by fire on Nov. 5th.

Contract Awarded.
ALTERATIONS Cost, $35,000
SAN FRANCISCO, NE Grant Ave. and O'Farrell.
Fill in open spaces in mez. floor and attic floors, steel frame with metal lath and plaster, cement floor finish metal lath and plaster ceiling.
Owner—Union Trust Co., Premises.
Architect—T. Ronneberg, Crocker Bldg San Francisco.
Contractor—Larsen-Siegrist Co., Claus Spreckels Bldg., S. F.

Additional Contract Awarded.
REMODELING Cost, $40,000
SAN LEANDRO, Alameda Co., Cal.
Remodeling bank.
Owner—State Bank of San Leandro.
Architect—Herman Safe Co., 216 Fremont St., San Francisco.
Contractor — Geo. Peterson, San Leandro.
Marble Work to American Marble & Mosaic Co., 25 Columbia Sq., San Francisco, $4650.
Cabinet Work and Hardware, Mullen Mfg. Co., 64 Rausch St., San Francisco, $5,500.
Bronze Work, Federal Ornamental Iron & Bronze Co., 16th and San Bruno Ave., San Francisco, $1448.
Glass, Cobbledick-Kibbe Glass Co., 666 Howard St., San Francisco, $745.
Decorating and Painting, Berke Bros., 3869 17th St., S. F., $830.
Cork Carpet and Linotile, Van Fleet-Freear Co., 61 New Montgomery St., San Francisco, $1347.
Electric Heating, Morgan Electric Co., San Leandro, $467.
Electric Wiring, Morgan Electric Co., San Leandro, $450.
Vault Work, Herman Safe Co., 216 Fremont St., San Franciso, $3900.
Venetian Blinds, Western Blind & Screen Co., Hearst Bldg., San Francisco, $445.
Electric Clock, Decker Elec. Co., 149 New Montgomery St., S. F., $182.
Light Fixtures, to be awarded next week.

Plans Being Prepared.
ALTERATIONS Cost $—
OAKLAND, 13th and Franklin Sts.
Alter 1st floor of 2-story "C" building for bank.
Owner—Withheld.
Architect—M. I. Diggs, 1901 Telegraph Ave., Oakland.

Plans Completed.
ADDITION, ETC. Cost, $20,000
SAN FRANCISCO, 534 Battery St.
Construct rest room for employees, add mezzanine floor, fireproof ceiling etc. for stock room and offices.
Owner—Zellerbach Paper Co.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F.

Plans Being Figured.
OFFICE BLDG. Cost, $50,000
OAKLAND, 30th and Adeline Sts.
Two-story and basement reinforced concrete office building.
Owner—Wm. Schlaes.
Lessee—Pacific Tel. & Tel. Co.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.
Figures are being taken for a general contract.

Contractor Taking Sub-Figures.
STORE BLDG. $100,000 approx.
OAKLAND, Alameda Co., Cal., 13th and Clay Streets.
Four-story reinforced concrete store building.
Owner—Chas. J. Heeseman.
Lessee—Jackson Furniture Co.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
Contractor—E. T. Leiter & Son, 3601 West St., Oakland.
Steel awarded to Brodie Iron Works.

Contractor Taking Sub-Figures.
STORE BLDG. Cost, $14,367
BRODERICK, Yolo Co., Cal.
One-story frame store building (8 stores).
Owner—Not Given.
Architect—None.
Contractor — Fred H. Betz, Ochsner Bldg., Sacramento.

Plans Being Prepared.
STORE BLDG. Cost, $30,000
FRESNO, Fresno Co., Cal. Van Ness Ave., bet. Fresno and Merced Sts.
One-story reinforced concrete store building.
Owner—Mrs. Annie Wallace.
Architect—R. L. Felchlin, Bank of Italy Bldg., Fresno.
Construction will be started in February, 1924.

Plumbing & Electrical Work Contracts Awarded.
BANK & OFFICE BLDG. $1,000,000
FRESNO, Fresno Co., Cal., Mariposa & J Streets.
15-story class A bank and office bldg.
Owner—Pacific Southwest Trust and Savings Bank.
Architect — R. L. Felchlin, Patterson Bldg., Fresno.
Plumbing awarded to Barrett Hicks Co., 1031 Broadway, Fresno., approx. $44,000.
Electrical work to Valley Elec. Supply Co., 1817 Tulare St., Fresno, approx $20,000.
Contract on the balance of the work will be let in about a week.

Plans To Be Prepared.
STORE BLDG. Cost, $20,000
SAN MATEO, San Mateo Co., Cal. B St., adjoining Bank of Italy.
One-story & basement reinforced concrete store building.
Owner — L. H. Castle, mgr. Bank of Italy, San Mateo.
Architect—Not selected.

OAKLAND, Cal.—Samuel Hamburger and Albert E. Kern of S. F., have purchased property on the east side of Broadway opposite Hobart Street and plans the erection of a large office building.

Contract awarded.
ALTERATION Cost, $10,000
SAN MATEO, San Mateo Co., Cal.
Alter 2-story brick store and lodge bldg. (alter stores on 1st floor).
Owner—I. O. O. F. Lodge.
Architect — Miller and Pflueger, Lick Bldg., San Francisco.
Contractor — Mattock & Feasey, 251 Kearny St., San Francisco.

FRESNO, Cal.—See "Garages," this issue.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 330 Pac. Finance Bldg., have completed plans and are taking bids for erecting a 12-story and basement class A store and loft bldg. on Broadway, bet. 8th and 9th Sts. for the Wurlitzer Co., organ manufacturers. Dimensions, 51x150 ft., reinf. conc. constr., press. brick and terra cotta facing, plate glass windows, marble and tile work, elevators, steam htg., steel sash. Bids are being taken for all work complete in one contract.

BAKERSFIELD, Kern Co., Cal. — No bids rec. by Kern County Union High School District to install lawn sprinkling system at high school grounds and local plumbers will be asked to submit informal bids on the work; est. cost $2000.

RIPON, San Joaquin Co., Cal.—See "Halls and Society Bldgs.," this issue.

EAGLE ROCK, Los Angeles Co., Cal. —J. B. Brown & Co., 117 S. Central Ave., Eagle Rock, have been awarded contract at about $65,000 to erect a two-story bank, store, office and apartment building at the corner of Central Ave. and Myrtle St. for James Ferdon. The building will contain three stores and banking space on the ground floor, with eight office suites and five apartments above. Plans were prepared by E. E. B. Meinardus, Los Angeles.

SALT LAKE CITY, Utah.—Architects Walker & Eisen, 330 Pacific Finance Bldg., are preparing plans for a 14-story and basement Class A store and office building to be erected on Exchange Place, between Main and Temple Sts., Salt Lake City, for C. A. Quigley. Dimensions, 135x105 ft., reinforced concrete construction, terra cotta facing, plate glass, mahogany trim, marble and tile work, 4 elevators, steam heating. Cost, $1,000,000.

LONG BEACH, Cal.—The Boy's Shop, Inc., Long Beach, has had plans prepared by Harvey H. Lochridge, 700 Markwell Bldg., Long Beach, for erecting a 6-story store and office bldg. at Broadway and Locust Ave., Long Beach for the corp., the capital stock of which has been raised from $100,000 to $350,000. Directors are: Louis D. Middough, pres.; Edward Middough, Miles W. Middough, Clyde Doyle and F. F. Ritter.

SAN LUIS OBISPO, Cal. — Thomas Barrett, 1114 Garden St., will erect a 2-story brick bus bldg., 75 ft. frontage on Garden St. The present bldgs. will be moved under direction of J. H. Logan.

Permit Applied For.
STORE Cost, $17,500
SAN FRANCISCO, N Folsom 105 W 4th
One-story reinforced concrete store.
Owner—M. C. Harrison, 28 Liedesdorff St., San Francisco.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

LOS ANGELES, Cal. — Baker Iron Works, 912 N Broadway, was low bidder and will be awarded the structural steel contract at $85,530 for a new 13-story class A store, office and loft bldg. to be erected at s.e. cor. of 7th and Spring Sts., for Cahn-McCabe Co. S. Tilden Norton and Frederick H. Wallis, 716 S Spring St., archts.

SANTA PAULA, Ventura Co., Cal. — William Hudson, Santa Paula, has the contract and has started work for a 2-story office bldg. at Santa Paula, for the Limoneira Co. Edwin C. Thorne, 620 Western Mutual Life Bldg., L. A., archt. Brick, 2-story and basement, 50 by 75 ft., tile rfg., hardwood and cem. flls., gas unit htg. system, water htr., toilets, ruffled brick facing, tuffa stone trim, rubber tile flls.

LOS ANGELES, Cal.—Archts. Morgan Walls & Clements, 1124 Van Nuys Bldg. are preparing plans for a 2-story brick shop and studio bldg. to be erected at s.e. cor. of 7th and Hoover Sts., for Whiteside-Hite Co. Dimensions 110 by 120 ft., brick walls, stucco and cast stone exter., plate glass, steel beams, comp. rfg., pine trim, cem. and wood floors.

THEATRES

RICHMOND, Contra Costa Co., Cal.—West Coast Theatre Circuit, lessees of the T & D Theatre in Richmond, is planning to refurnish and re-open the old T & D Theatre. It is also planned to re-decorate the structure. Daniel Riordan is manager of the company's interests in Richmond.

SANTA BARBARA, Santa Barbara Co., Calif. — Snook and Kenyon have started work excavating for the Community Arts Theatre bldg. to be erected at Anacapa and Perdido Sts. Cost of the bldg. will be approx. $145,000. Geo. Washington Smith, Santa Barbara, architect. Bernhard Hoffman is pres. of the Lobero Theatre Co.

MISCELLANEOUS BUILDING CONSTRUCTION

Segregated Figures Being Taken.
DORMITORY BLDG. Cost, $75,000
SAN FRANCISCO, Western Addition in vicinity of Fillmore St.
Six-story reinforced concrete dormitory bldg. (84 rooms, 5 class rooms, dining room and kitchen; 1st unit of Bible Institute).
Owner—Name withheld for the present.
Architect—Wm. F. Gunnison and Merritt, associated, 75 Post St., S. F.

Contract Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, E 1st N Mission. Remodel 2-story brick building.
Owner—J. C. Berendson and Louis T. Samuels.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Contract Let.
ALTERATIONS ETC. Cost, $—
SANTA ROSA, Sonoma Co., Cal., B St.
Interior and exterior alterations and additions for undertaking parlor exterior plastering, interior painting, re-decorating, etc.)
Owner—D. H. Laffery, 415 B Street, Santa Rosa.
Architect—None.
Contractor—A. M. Hildebrand, 406 4th St., Santa Rosa.

Contract Awarded.
SERVICE STATION Cost, $18,885
FRESNO, Fresno Co., Cal., State Highway in Sec. 14, 14-20.
Owner—Richfield Oil Co.
Contractor—W. H. Eaton & Sons, Fresno, Calif.

Contracts To Be Awarded To Lowest Bidders.
PRINTING PLANT Cost, $—
SAN FRANCISCO, S Stevenson St., bet. 5th and 6th.
Two-story and basement reinforced concrete bldg. for printing plant.
Owner—Wobbers Inc.
Architect—Albert Schroepfer, 68 Post St., San Francisco.

General Contract

K. E. Parker, Clunie Bldg.	$103,003
Vukicevich & Bagge	107,873
Clinton Constr Co.	109,900
R. J. H. Forbes	113,744
John Martin	115,085
G. Pettersen	116,000
Ira W. Coburn	128,240
John Spargo	134,745

Elevators

Spencer Elev. Co.	$4685
Pacific Elev. & Eq. Co.	4760
Otis Elec. Co.	4800

SAN FRANCISCO—Block of $100,000 of the $2,000,000 bond issue voted to finance construction of group of Relief Home buildings has been sold by supervisors for premium of $103,517. Site of proposed structures is now being cleared and plans are being completed by City Architect John Reid Jr., First National Bank Bldg., San Francisco.

TROPICO, L. A. Co., Cal.—C. L. Peck, H. W. Hellman Bldg., L. A., has the contract to erect an additional unit to the mausoleum at Forest Lawn Cemetery, Tropico, for Amer. Security & Fidelity Co. T. Patterson Ross, 310 California St., San Francisco, archt. Dimensions, 127x183 ft., reinf. conc. constr., granite work, marble and tile, bronze grilles; $150,000.

SACRAMENTO, Cal—James T. Gormley, 1152 Barbara Court, Sacramento, at $29,205 awarded contract by city council to erect firehouse at s.w. corner of 2nd and L Streets. Six other bids were received.

LINDSAY, Tulare Co., Cal.—Engineering Department of Southern Pacific Co., is preparing preliminary plans for a new depot at Lindsay. If a new structure is not erected the company will remodel and make additions to the present quarters.

LOS ANGELES, Cal.—T. B. Stewart Constr. Co., Bank of Italy Bldg., has been awarded a contract at $214,000 for all work except elevators for erecting a 5-story and attic class A nurses' home bldg. on Lucas St. opposite Shatto St., for the Hospital of the Good Samaritan. Elevators will be let under separate contract. Johnson, Kaufman & Coate, 608 Union Bank Bldg., archts. The bldg. will be 150x30 ft., with a central wing, 63x33 ft.; 140 rooms; reinforced concr. constr., tile filler walls and partitions, stucco exter., cast stone entrances, tile and comp. rfg., ornam. iron, metal door frames, tiled baths, lavatory in each room, 2 elevators, steam htg., garbage incinerators.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-893—San Jose, Calif. Manufacturing concern of machinery and farm implements with established trade, wishing to expand, desires to get in touch with investors of $5000 to $15,000. Would consider consolidating with foundry and machine shop in San Francisco.

W-894—Canton, Ohio. Firm desires to secure representative of good standing, well acquainted with the manufacturing trade, mining and oil business, who could look after their interests in the forging line. Want a strictly local man who is a hustler and comes in frequent contact with the various shops and factories.

D-895—Hoboken, N. J. Representative desires to get i ntouch with manufacturers of articles of merit which they would like to have represented in the East.

D-897—Albuquerque, N. Mex. Party has five American Locomotive Company Mogul type class 2-6-0 locomotives. Desires to forward same "knocked down" via ocean transportation to San Francisco, for re-erection and slight general repairs. Wishes, if possible, to secure space in some shop having necessary facilities for this work, or contract with some shop having required facilities to perform the required work.

D-900—Crannell, Calif. Firm enlarging, desires to pick up some first-class used machinery in San Francisco, such as heavy machine lathes and radical drills, steam hammers and like machine shop equipment.

D-902—Honolulu, T. H. Party wishes to get in touch with (1) manufacturers of wooden novelties, (2) firms handling glassware, (3) mills which could handle orders for turned wood, both ends, etc., (4) firms dealing in wooden beads, (5) makers of wooden boxes (candy boxes).

D-904—Salt Lake City, Utah. Party desires to get in touch with can manufacturers who can supply tin containers to hold 100 pounds of sweeping compound. These are usually 22 or 24 inches high by 12 or 14 inches in diameter, with covers and handles, painted or enameled blue. Also would like to get in touch with parties able to supply fine dry sawdust in carload lots.

D-905—Berkeley, Calif. Party is in market for electric driven coffee grinders.

D-906—Chicago, Ill. Attorney desires to list a tract of timber in Southern Oregon of about 3600 acres with responsible and good timber broker.

D-907—Beulah, N. D. Firm is in market to purchase a retail lumber yard in the San Francisco territory. Desires to get in touch with reliable broker handling this class of business.

D-908—San Francisco. Sales company wishes to handle anything in the form of a new product which any manufacturer would like to have exported, where the product has reached beyond the experimental stage.

7615—Tokio, Japan. Firm wishes to import tents, portable houses, and canned goods.

7616—Tokio, Japan. Firm requests catalogs and price lists from San Francisco manufacturers or exporters dealing in hardware, household utensils, ready-made boots and shoes. Prices to be c. i. f. Kobe and Yokohama.

7622 — Chengchow, Honan, China. American China Mission Post desires to get in touch with wholesale houses handling groceries, dry goods and hardware.

7623—Osaka, Japan. Dealers in scrap copper and brass desire to communicate with interested San Francisco houses.

7629 — Tokio, Japan. Manufacturers and exporters of miniature electric lamps and wooden toys desire to establish connections with San Francisco houses.

7631—San Francisco, Cal. Young man with four and one-half years' experience in Japan as import manager for large trading house, able to speak Japanese and having wide acquaintance among trade in Osaka, Kobe, Yokohama and Tokio, desires a connection with large San Francisco house interested in developing trade with Japan. Foreign representation desired but will consider local post with future.

SACRAMENTO BUILDING

Ben H. Covell, Sacramento building inspector, reports the issuance of 364 building permits in October, the improvements representing an expenditure of $448,897 as compared with 301 permits for the corresponding period in 1922 totaling $1,378,486. The total for the ten months of the current year is 2943 permits totaling $8,627,529 as compared with 2673 permits totaling $8,155,269 for the same period in 1922.

During the past month 91 permits were issued for one story dwellings costing $276,505.

Leads for Business

APPRAISERS—B. Evans, 681 Market.
ART STORE—Cairo Art Co. to 359 Sutter.
ATTORNEYS—Bar Assn. of S. F., Pacific Building to 564 Market soon.
AUTOMOTIVE—Weinberg's Autoworks 919 Van Ness Ave.
BAKERIES—Grandma Cookie Co., 164 Oak to 1814 Market.
BROKERS—McDonnell & Co., Palace Hotel, opening branch in Stock Exchange Bldg.
CHIROPODIST—Jos Fogerty, 290 7th Avenue.
CIGARETTE HOLDERS—Ejecto Cigarette Holder Co., 243 Kearny to 445 Bryant.
GENERAL MERCHANDISE — Patrick Furey to buy 136 Fillmore, Nov. 7.
GROCERS—F. Costelletto to buy Emporium Grocery, 1900 Greenwich, November 7.
HAT WORKS—Liberty Hat & Cap Co., 3232 24th.
IMPORTERS—R. G. Torres, Consular Building, 510 Battery.
T. Chashi, Consular Bldg.
LUBRICANTS — Mohawk Oil Co., 3rd and Army.
LUMBER—F. W. Prideaux, 112 Market
MILLINERY—Mrs. Earls to open 897 Geary.
PLUMBING SUPPLIES—Crane Co. to open display rooms New Montgomery and Jessie.
POOL—W. H. Cavanaugh, 2308 Mission to 3309 Mission.
REAL ESTATE — E. F. Rogers, 1603 Sutter soon.
RESTAURANT—Jacques Rousso of Los Angeles to buy Palais Royal Cafe, 168 O'Farrell, Nov. 8.
John Janis, 208 Eddy.
TENTS AND AWNING — Ace Awning Co., 1348 Valencia.
WOOD NOVELTIES — California Burl Art Shop, 1799 Howard.
WOODWORKING—Macartney Mfg. Co. 1104 Bryant.
MISCELLANEOUS — Illustrated Daily News (Vanderbilt Newspaper Corp) to establish plant 12th and Market, Geo. North at St. Francis Hotel.
AUTOMOTIVE—Central Garage, 1970 McAllister.
King Auto & Parts Co., 1251 Market.
Central Auto Laundry, branch, 3635 Geary.
Sales Co. of America (M. L. Hirsch), 505 Eddy.
Willis & Hanbricht (storage batteries), Colma.
BARRELS—S. A. Knapp, 216 1st.
BEVERAGES—Port-C-Sales Co. (Edgar A. Bornhard) 1001 Shrader.
DECORATORS—Mrs. D. T. Bell, 663 Sutter.
GREETING CARDS—Orgain & Co., Inc. 35 Montgomery.
GROCERS—C. B. Araistead buying 1209 Divisadero, November 5.
HAIRDRESSING — Miss E. Pouny, Anglo Bldg.
HOTEL—Wawona Hotel Co., 14 Montgomery.
INSURANCE—J. C. Moore, Mills Bldg.
LIVERY — Continental Stables, 1814 Greenwich.
MFRS. AGENTS—Cork Products Co., 55 New Montgomery.
MARKETS—Badger's Market, 9 West Portal.
Acme Market, 520 Valencia.
PLUMBING—R. Miller, 1767 Geary.
REAL ESTATE—Adams Realty Co., 26 Montgomery.
RESTAURANTS — Jacques Rousso of Los Angeles to buy Palais Royal Cafe, 168 O'Farrell, November 8.
THEATRES — American Theatre, 275 Divisadero.
MISCELLANEOUS—Terminal News Co., 33 Market.
M. & T. Sales Co., Mills Bldg.
San Francisco Tuberculosis Assn., Marvin Bldg. to 321 Sharon Bldg.
LEASES—May 16, 1923—Morris Kochmann to Olive E. L. Fitz—Casa Madrona Apts., 116 Frederick St., 10 yrs. $258,000.
Assigned Oct. 30, 1923 to J. H. and Laura D. Shivley and Mabel S. Van Osten value received.
Oct. 30, 1923—Sarah Jane Graham to Charles B Horner—SE Minnesota & 22nd E 75xS 95, 5 years, $5100.
Nov. 1, 1923—D. Hallahan and M. J. Getz to Park Lodge No. 449 F. & A. M.—NW Cole and Haight W 226xN 120 W A 692, 9 years 6 mos, $17,100.
Oct. 2, 1923—Harry Suslowitz to Jeanette Elgart—N Jackson bet. Leavenworth and Hyde Sts., Lincoln Apts. No. 1312 Jackson St., 5 years, $28,800.
AUTOMOTIVE—Dickerson & Reed (accessories) 504 Van Ness Ave.
Anderson-Smith Motor Co. (branch) 4567 Mission.
Lowell Garage, 1960 Hayes St.
McNerny Products Co. (brakes) 722 to 796 Golden Gate Ave.
Casket Shop, 612 to 200 Van Ness Ave.
BARBERS—California Barber College, 145 3rd.
CANDY—Camelia Confectionery, 1925 Fillmore.
DRAYAGE—Jos. Robertson, 287 2nd.
FURNITURE — Coast Furniture Co., 23rd and Valencia—Nov. 15.
GROCERS—A. C. Trefs, 533 Taylor.
Right Way Grocery, 2304 Fulton.
HAIR GOODS—Howe Co., Inc., 127 Montgomery to 36 3rd.
IMPORTERS—Eastern Import & Export Co., 315 Montgomery.
LAUNDRY—Permit transferred Pine Street Laundry to Jos. Paillasou, 2325 Pine.
LUMBER — Coast Lumber Co., 112 Market.
MFRS. AGENTS—S. A. Hall Co., 3297 Second.
MARKETS—Utah Sanitary Market, 592 Utah.
MINING—La Corona Mining Co., Hearst Bldg.
PUMPS—Skidmore Pump Co., 321 to 417 Market.
REAL ESTATE—Alberton Realty Co., branch, 5498 Geary.
RESTAURANT—Italian Village Restaurant, 2122 Polk.
MISCELLANEOUS — Jos. Buchgald to buy store 703 Octavia—Nov. 5, from J. N. Morris.
Dr. W. E. Shea, 516 Sutter.
Pacific Outfitting Co., 2768 Mission.
Chatros Novelty Co., 1171 Market.
LEASES—Oct. 18, 1923—James McGovern to Thomas Boyd Rickey—NW Cor. 8th and Mission, No. 98 9th, 5 years, $6420.
Oct. 19, 1923—H. B. Severns to Ichimatsu Kamano—1531 Post St., 3 yrs., $65 per month.
ADVERTISING — Lillian Wondemuth, 564 Market.
APARTMENTS—Helen M. Slattery buying Brompton Apts., 1424 Polk, Nov. 14.
ATTORNEYS—J. S. Wallace, 1022 to 703-4 Crocker Bldg.
AUTOMOTIVE—Pacific Auto Brake Co., 32 Van Ness Ave.
ocrapas Auto Service, 639 Hyde.
Anderson Tire Co., 100 Van Ness Ave.
BAKERIES—Olden's Bakery, 1999 Hyde
BARBERS—Wm. F. Finocchio, 620 Market.
BEAUTY PARLORS—Helen E. Lewis buying Richmond Beauty Parlors, 4320 California St., Nov. 13.
BROKERS — Sugarman & Greenberg, 1256 6th to 40 Spear.
CIGARS—A. Schoffer buying 765 Market, Nov. 14.
CLEANING & DYEING—John Silver, 1319 18th.
DRUGS—Wulson's, 500 Castro.
ELECTRICAL—L. A. Hufschmidt Mfg. Co., light fixtures (1475 Eddy) 324 Hayes.
FRUIT—Bert W. Morris & Co. (dried fruit) 52 California to Marvin Bldg.
FUEL—Harry Wright, 2990 San Bruno Avenue.
FURNITURE—Kingstone Bedding Co., 683 Bryant to 6th and Brannan.
Stowell Furniture Co. (shop) 2001 Polk.
Coast Furniture Co., SW 23rd and Valencia, Nov. 15.
Phelps & Kenyon with Furniture Exchange.
Beaver State Furniture Mfg. Co., with Furniture Exchange.
GLAZING—B. Berri, 468 Golden Gate Avenue.
GROCERS—Mrs. H. Lipinski, 299 Peru.
Thos. Taouvas, 101 Lake View.
Twenty-Ninth St. Grocery, 85 29th.
Richard Bruegger buying 198 Collingwood.
D. Chambers buying 2701 Sutter, Nov. 12.
INSURANCE—Lloyd Jacobs, 312 to 55 Montgomery.
JUNK — Independent Junk Co., 2648 Alameda.
LEASES—Store about 359 Sutter.
MACHINERY—Eccles & Smith, 71 1st to 637 Mission.
MAH JONGG RACES — Macartney & Brinkman, factory, 1104 Bryant.
MEDICINES—Could & Encoll with Universal Remedies Co., 108 Davis.
MILLINERY—Mrs. Edne opening 235 Powell.
REAL ESTATE — Louis E. Hymans, Mills Bldg. to 55 Montgomery.
SOAP AND CLEANERS—Kutsit Soap Co. (Chas. C. Curtis, 244 California) opening plant 425 Bryant.
TEXTILE—Blumberg & Co. (woolens) Call Bldg. to 330 Mission.
VACUUM CLEANERS — The Vacuum Shop to 1023 Hyde.
MISCELLANEOUS — Cathay Musical Society, 843 Stockton.
Dumbarton Highway Bridge Corp., 625 Market.
Polk St. Merchants Club, 1639 Polk.
Hotelmen's Assn., 564 Market.
Mercantile Law & Finance Co., 155 Montgomery to 564 Market.
APARTMENTS—Fred Bellmont buying 1134 Hyde St., Nov. 5.
ART STORE—E. Lane (oriental) 1945 Polk St.
AUTOMOTIVE—Exlo Control Co. (C. B. Hawke) 505 Eddy St.
B. C. Madden purchased garage, 1075 Golden Gate Ave.
ATTORNEY—J. S. Wallace, 1022 to 703-4 Crocker Bldg.
BAKERIES—Richmond Home Bakery, 512 3rd Ave.
BEAUTY PARLORS—E. S. Bowers, 1102 Sutter St.
BROKERS—McDonnell & Co., Palace Hotel, opening branch in Stock Exchange Bldg.
Morris Opper and Saml. Moskowitz buying Eagle Loan Office, 123 3rd.
CANDY—H. Shelly buying Excelsior Candy Store, 4468 Mission St.
CEMENT—Guadalupe Portland Cement Co., 16 California, purchasing 260 acres New Almaden for plant.
CHIROPODIST—Jos. Fogerty, 290 7th Ave.
Dr. L. D. Barding, Chronicle Bldg.
CIGARETTE HOLDERS—Ejecto Cigarette Holder Co., 243 Kearny to 445 Bryant.
CIGARS—The Smokerie, 3039 Fillmore.
CLEANING & DYEING—A-1 Cleaning & Tailoring Co., 516 Jones.
CLOTHING—Armand Cailleau, 209 Post to 456 Geary.
CONTRACTORS — Richmond Concrete Co., 2725 to 2940 Geary.
DRESSMAKERS—Minnie Messer, Commerical Bldg.
ELECTRICAL—Arrow Electric Co., 579 Howard to 617 Howard.
EMPLOYMENT AGENCIES—Mrs. Nora A. Judge, 564 Market.
FINANCE—Utilities Finance Corp., 525 Market.
FURNITURE—(Schools, churches, etc.) from 985 Market to 601-09 Mission.
HEATING SYSTEMS—National Heating & Ventilating Co. (Assembly plant) 1988 Folsom.
IMPORTERS—G. E. de Vries Trading Co., Mills Bldg. to 312 Babcock Bldg., 310 California St., Nov. 1.

(Continued on Page 22)

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO PUMP DEALERS

(Durham Union High School District)

Notice is hereby given that sealed bids will be received by the Board of Trustees of Durham Union High School up to the hour of **2:30 o'clock P. M., on Thursday, November 20, 1923,** at the office of the clerk of the Board in the Durham Grammar School building at Durham, California, for furnishing and installing a Plunger or Centrifugal type of pump that will deliver not less than 3000 gallons of water per hour under a pressure of not less than 25 pounds. Bids to include a 1000 gallon pressure tank, tested under 150 pounds pressure gauge, all necessary valves, couplings, and pipe, including a three-phase motor of sufficient horse power to operate the system, a high and low voltage release, automatic switch and everything necessary for complete installation of a pressure system on the Durham Union High School grounds at Durham, California.

All proposals must be accompanied by a certified check in the amount of 5% of the total bid as a guarantee of the faithful execution of the contract in accordance with the bid.

The Board reserves the right to reject any or all bids.

By order of the Board of Trustees of Durham Union High School.

GEORGE W. BLOUNT,
Secretary.

INVITATION FOR PROPOSALS FOR PAINTING AND REPAIRS TO ROOF AT THE U. S. APPRAISERS' STORES, SAN FRANCISCO, CALIFORNIA

Sealed proposals will be received at this office until 12 o'clock M., on the 15th day of November, 1923, and then opened for painting and repairs at the U. S. Appraisers' Stores, San Francisco, California, in accordance with specification dated November 1, 1923.

For any information desired apply to the above office.

WM. ARTHUR NEWMAN,
Superintendent.

NOTICE TO CONTRACTORS

(Light Fixtures—Sacramento County)

Office of the Clerk of the Board of Supervisors of the County of Sacramento, State of California.

Pursuant to an order of the Board of Supervisors of the County of Sacramento, made and entered on record on the 22nd day of October, A. D., 1923.

Notice is hereby given that sealed bids will be received by the undersigned **up to and not later than the hour of 2 o'clock, P. M., November 19th, 1923,** at the office of the said Board in the Court House Building, 7th and I Streets, Sacramento City, for the furnishing all labor, materials and mechanical workmanship required to furnish and install the lighting fixtures in the Service and Children's Ward and the Infectious Word buildings, situate on the present County Hospital grounds, City of Sacramento, County of Sacramento, State of California, in accordance with the plans and specifications prepared therefor by R. A. Herold, Architect, which plans and specifications may be seen and examined during office hours by intending bidders at the Architect's office, 430 Forum Bldg., Sacramento, California.

All bids must be submitted on blank forms furnished by the Clerk of the Board and must be accompanied with a certified check on some solvent bank in a sum equal to ten per cent (10%) of the amount of each bid, conditioned that if the contract is awarded the party submitting the accepted bid will enter into contract and furnish such bond as may be required within ten days after making award, or, failing so to do, the amount of such check to be forfeited as liquidated damages for such failure. All checks to be made payable to the order of the Chairman of the Board of Supervisors of Sacramento County.

The Board reserves the right to reject any or all bids.

By order of the Board of Supervisors of Sacramento, California.

HARRY W. HALL, Clerk.
By William Hickey, Deputy.

BIDS WANTED FOR PAINTING AND REPAIRS

INVITATION FOR PROPOSALS

OFFICE OF THE SUPERVISING SUPERINTENDENT OF CONSTRUCTION, ROOM 402 U. S. POST OFFICE BUILDING, SAN FRANCISCO, CAL.

Sealed proposals will be opened in this office at 12 o'clock M. on the 22nd day of November, 1923, for miscellaneous repairs and painting at the U. S. Mint Building, San Francisco, California.

Specifications may be obtained at this office at the discretion of the Supervising Superintendent.

WM. ARTHUR NEWMAN,
Superintendent.

BIDS WANTED FOR STATE HIGHWAY

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., December 3, 1923,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Shasta County, between Redding and Bayha (11-Sha-3-B), about nine and nine-tenths (9.9) miles in length, to be paved with Portland cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No Bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: November 5, 1923.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO BIDDERS

Pipe and Fittings—City of Porterville

Notice is hereby given that the Board of Trustees of the City of Porterville will receive bids for the purchase of the following material, to-wit:

5,000 feet 4-inch Class E Cast Iron Bell and Spigot Pipe;
8—4 x4 T's Bell Ends;
4—4 x 4 x 4 Crosses with Bell Ends;
6—4-inch Plugs tapped to 2-inch Standards.

All bidders must quote prices on said materials, both f. o. b. factory and f. o. b. Porterville, for delivery at Porterville within ninety days after notice of award, and all bids must be accompanied by a certified check for ten per cent of the amount of the bid, payable to the City of Porterville.

Bids will be received up to the **hour of 7:30 o'clock P. M., of Thursday, December 6th, 1923, and** the Board of Trustees reserves the right to reject any and all bids.

Board of Trustees of the City of Porterville,

By Geo. D. Avery. Clerk.

NOTICE TO CONTRACTORS

(Tranquillity School District)

NOTICE IS HEREBY GIVEN: That the Board of Trustees of the Tranquillity Union High School, Fresno County, California, will receive sealed bid proposals for the furnishing of all labor and materials necessary in the erection and completion of a Low Pressure Steam System of Heating as more fully described in Plans and Specifications Job No. 600-D, as prepared by the District's Architects, Ernest J. Kump Company, City of Fresno, State of California.

Bids will be received **up to and including 2:30 P. M. of the 22nd day of** November, 1923, by the undersigned Clerk of the Board at the Offices of Architects.

All Bids to be accompanied by a 10 per cent Certified check made payable to the Clerk of the Board.

Plans and Specifications are on file in the offices of the Clerk of the Board, and the Architects.

The Board reserves the right to reject any or all bids.

All Bids to be addressed to Robert C. Brown, Clerk of the Board of Trustees, Tranquillity Union High School District, Fresno County, State of California.

By orders of said Board of Trustees.

ROBERT C. BROWN,
Clerk of the Board.

NOTICE TO CONTRACTORS

(Town of Hollister—Sewage Disposal Plant)

Sealed proposals for constructing the sewage disposal plant on property of the Town of Hollister will be received at the office of the Town Clerk, Town Hall, Hollister, **until 8 P. M., on the 26th day of November, 1923,** and will be publicly opened and read in the Council Chamber of the Town Hall, Hollister, on the 26th day of November, 1923, after 8 P. M.

All proposals must be made upon the blank forms of proposal prepared by the City, to be obtained from the Town Clerk, Hollister, or from Clyde F. Smith, consulting engineer, 516 Santa Barbara Road, Berkeley, Calif.

The work to be done consists of excavation, grading, reinforced concrete construction, piping and installation, installation of all machinery, and laying of the outfall sewer. In general, the work to be done consists of all construction work and materials necessary to build the sewage disposal plant as hown on the plans of Clyde F. Smith, Consulting Sanitary Engineer.

The following units are to be bid upon:

1. Pipe lines.

(a) About twelve hundred and twenty-five (1225) feet of fourteen (14) inch concrete or vitrified pipe. Price to include one manhole.

(b) About eleven hundred and sixty-five (1165) feet of ten (10) inch cast iron pipe. Price bid to include supports on bridge over San Benito River.

(c) About forty-six hundred and thirty (4630) feet of fourteen (14) inch concrete or vitrified pipe. This line must withstand a pressure of thirty-five feet.

(d) About thirty-five (35) feet of fourteen (14) inch cast iron pipe.

(e) About twenty (20) feet of twelve (12) inch cast iron pipe.

2. One Imhoff tank. Price to include all appurtenances as shown on plans.

3. Two units sludge drying beds. Price to include division walls, filtering material, underdrains and other appurtenances.

4. Pump house and screen house and storage tanks.

(a) Pumps. One six (6) inch closed impeller vertical centrifugal pump with direct connected motor. Capacity of pump at 15 foot head 800 gallons per minute. Motor, 220 volts, 3 phase, 60 cycles, 7½ horse power, temperature 40°C.

One six (6) inch vertical centrifugal pump with direct connected motor capable of pumping raw sewage without clogging. Capacity at fifteen (15) foot head, 800 gallons per minute. Motor, 220 volts, 3 phases, 60 cycles, 7½ horsepower at 40°C.

(b) Concrete work as shown on plans.

(c) Superstructure. This shall consist of a Truscon Type 1 Standard building with Truscon Type I S lean to or equivalent.

(d) Dorrco screen with all appurtenances or equivalent. Screen to be five feet in diameter with four foot face.

The work is to commence within ten days of the signing of the contract and is to be finished by April 1st, 1924.

Plans and specifications may be consulted at the office of the Town Clerk, Holloster, or at the office of Clyde F. Smith, Consulting Sanitary Engineer, 316 Santa Barbara Road, Berkeley, Calif. Sets of plans and specifications may be obtained from the Consulting Sanitary Engineer upon deposit of fifteen dollars, half of which will be returned upon recepit of a bona fide bid.

All bids must be accompanied by a certified check, certificate of deposit or draft, or cashier's check or draft, payable at sight to the Town Clerk in an amount equal to ten per cent of the bid. Unsuccessful bidders' checks will be returned when contract is awarded. Successful bidder's check will be returned when contract is signed and bond furnished.

The bond to be furnished by successful bidder is to be in a sum equal to fifty per cent of the amount of the contract as material and labor bond as well as bond for twenty-five per cent of the contract for faithful performance.

Bidders must be on the various units separately. The Town reserves the right to accept or reject bid on any or al lunits or parts of units. If the Town wishes to omit any unit or part of unit the price bid on that unit or part of unit shall be subtracted from the total amount bid.

The Town reserves the right to reject any or all proposals, or to increase or decrease the amount of any class or portion of the work.

Done by Order of the Board of Trustees of the Town of Hollister.

Dated: This 5th day of November, 1923.

(SEAL) HOWARD O'BRIEN,
Clerk of the Town of Hollister.

LEADS FOR BUSINESS

(Continued from Page 20)

INVESTMENTS—J. S. McClymont, 112 Market.
LUBRICANTS—Jenney Mfg. Co. (Parker Tire & Supply Co., distributors) 970 Post.
MARKETS—Mission Palace Market (meat), 2716 Mission.
PHYSICIANS—California Medical Association, 593 Market.
POOL—W. H. Cavanagh, 2308 Mission to 3309 Mission.
RADIO—Bosserman Radio Laboratory, 1805 Post.
RAVIOLIS—Liberty Ravioli Co. to 5034 3rd.
RESTAURANT—E. P. Bryant selling Bryant Quick Lunch, 277 4th, Nov. 7.
STUDIOS—Mary Alice Studio, 408 Stockton.
TAILOR—M. Wald, 2125 Sutter to 1713 O'Farrell.
TALLOW—Pacific Tallow Co. (L. Martinelli) 1371 Fairfax.
X-RAY AND PHOTO MOUNTS—National Cardoscope Co., 362 Clay to 220 Leidesdorff.
MISCELLANEOUS — Youngs Investigating Bureau, 114 Sansome.
Wynnbrook Products Co., 259 Geary.
Baley-Pacific Service, 620 Market.
LEASES—Oct. 25, 1923—Harry and Rose E. Lubbock to Charles F. Mead and Emma J. Mead—W Leavenworth bet. Sacramento and Clay Sts., 1237 Leavenworth, 3 years, $30 month.
Oct. 16, 1923—A. W. and Mary Gough Lane to James D. and Louise A. McGee—W Jones 62-6 S Geary, No. 545 Jones St., 10 years, $90,000.
Oct. 31, 1923—J. and Lena Greenspan to John H. and Ida B. Dixon—1470, 1472 and 1474 Golden Gate Ave., Ptn W A 382, 36 months, $5760.
LEASES — Oct. 15, 1923—Ambrogio Soracco with Enrico Cuneo, Domenico Simonetti, Giovanni Soracco and Ambrogio Soracco—NE cor. Stockton and Filbert No. 1700 Stockton St 7 yrs. $105 per mo.
Oct. 9, 1923—J W Lomelino to J. C. Meeks, 1430 Pacific St. Apt. 1, 1 year $27.50 per mo.
Nov. 3, 1923—Sarah Jane Graham to Charles P. Horner, SE Minnesota and 22nd E 75 x S 95 P N 372 5 yrs $5100.
ARCHITECTS—B. G. McDougall, 391 Bush to 357 Sacramento.
BROKERS—Jas. Cartland, 353 Bush to 205 Montgomery.
CARPETS—Excelsior Rug. Co., 109 7th.
DELICATESSEN—A. Sorini, 1911 16th.
DRAYAGE—D & M Express Co., 3312 to 3323 22nd.
GLASS AND GLAZING — Helophane Glass Co., 1066 Mission.
GROCERS—Thos. Flood, 2989 24th.
Jos. Pandolfi, 780 Naples.
HARDWARE—Peter Jenson, 241 8th.
IMPORTERS—American Shantung Co. (Harry Cobelle) 461 Market to 25 Beale.
Show Company, 130 Waverly Place.
MARKETS — Quality Egg Shop, 2100 Fillmore.
H. Zweigart (meat) 329 Balboa.
MILK PLANT—California Chain Stores Company contemplate $150,000 plant at Merced.
PHYSICIANS—Dr. A. L. Sanger to 670 Market.
PUBLISHERS—J. H. Houston, 681 Market.
REAL ESTATE—McKenzie Realty Co. (315 Montgomery) 1721 Haight.
F. P. Stover, 1161 Market.
TRUNKS—Luggage Shop, 45 Powell, has extensive alteration program.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Engineering News Section

BRIDGES

SUTTER COUNTY, Calif.—Harlan & North, of Galt, at $7568 (cash), submitted low bid to State Reclamation Board Forum Bldg., Sacramento, to const. timber bridge over borrow pit of East Levee of Sutter By-Pass, 61-mi. west of Tudor, Sutter county. Project involves structure 200-ft. long; consisting of 3 lift spans of 27-ft. and 7 spans of 17-ft. each, involv. 37,200 ft. B. M. Oregon Pine; 1600 ft. B. M. redwood; 1100 lin. ft. round timber piles; 3 yds. rein. conc.; hardware; 300 cu. yds. earth grading for approach. Other bids were:

Jenkins & Elton, Sacto...$7660 (cash)
Olympian Dredging Co., S.F. 9205.75 "

No bids were submitted on the warrants.

SALINAS, Monterey Co., Cal.—Until Nov. 19, 2 p. m., bids will be rec. by T. P. Joy, county clerk, to const. highway bridge over Arroyo Seco river on Greenfield-Arroyo Seco road, in Rd. Dist. No. 3. Plans on file in office of clerk. Howard Cozzens, county surv.

SALINAS, Monterey Co., Cal.—Judson Iron Works, San Francisco, at $42,440 awarded contract by supervisors for fur. steel for bridge at Hilltown. J. G. Williams Const. Co., 519 California St., San Francisco, at $32,437 awarded construct concrete floors.
contract to erect steel and construct concrete floors.

SAN JOSE, Santa Clara Co., Cal.—Herschbach & Sciarrino, 498 Park St., San Jose, at $2,048 awarded cont. by supervisors to const. conc. bridge in Magdalena Ave., Supervisor Dist. No. 5. R. I. Meyerholz bid $2,086. Eng. est. $2,100.

SAN JOSE, Santa Clara Co., Cal.—Herschbach & Sciarrino, 498 Park St., San Jose, at $1,512 awarded cont. by supervisors to const. rein. conc. bridge on King Rr. in Supervisor Dist. 3. Other bids: Jas. Casley, $1,617; R. I. Meyerholz, $1,778. Eng. est. $1,475.

SANTA CRUZ, Santa Cruz Co., Cal.—No bids rec. by county supervisors to construct Branciforte creek bridge and County Surveyor Lloyd Bowman instructed to proceed with work by day labor.

SANTA CRUZ, Santa Cruz Co., Cal.—N. M. Theis, Santa Cruz, at $4,426.91 awarded cont. by supervisors to const. Carbonero creek bridge.

MARYSVILLE, Yuba Co., Cal.—McDaniels and Burroughs, Marysville, at $1100 submit low bid to Hallwood Irrigation District to build foundations for 9 piers and 2 bulkheads for concrete flume across Nigger Jack Slough on Thomas Mathews Farm, approx. 6½ mi. north of Marysville. Valley Concrete Pipe Co., Yuba City, only other bidder at $4777. Taken under advisement.

MADERA, Madera Co., Cal.—Miller and Little, Madera, at $5588 awarded cont. by supervisors to const. 3 timber bridges in Supervisorial Dist. 5. Other bids: R. W. Brown Construction Co., Madera $6409; T. H. Muhly, O'Neals Calif., $6638.

SONORA, Tuolumne Co., Cal—Roscoe J. Gray, Sonora, at $6660 awarded cont. by county supervisors to const. rein. conc. slab bridge over Big Creek on road leading to Boitano ranch, north of Groveland also for 1000 ft. of road from point on Big Creek road 200 ft. west of Second Garrote creek to point on opposite side of proposed bridge. Other bids: L. N. Ferretti, Groveland, $7250; M. F. Swerer, Jamestown, $7735.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Nov. 20, 2 p. m., bids will be rec. by H. E. Miller, county clerk, to const. conc. culvert, approx. 2½-mi. n.e. of Aptos on Valencia creek, Soquel Rd. Dist. Plans obtainable from County Surv. Lloyd Bowman on deposit of $5, returnable.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SACRAMENTO, Cal.—John Phillips, Oakland, at $.28 cu. yd (cash basis) awarded contract by State Reclamation Board to construct Poodle Creek drainage ditch, located south of the buttes in Sutter county, involv approx. 16,570 cu. yds. excavation. Olympian Dredging Co., San Francisco, bid $.31 cu. yd.

WASHINGTON, D. C.—See "Government Work and Supplies," this issue.

SUTTER COUNTY, Calif.—State Reclamation Board, Forum Bldg., Sacramento, has approved plans for construction of drainage system in District 1660 in western Sutter county, involv. an expenditure of approximately $100,000. Plans provide for system of cross canals, drainage ditches, conduits and levees to drain approx. 14,000 acres. Provision is made for construction of about 3-mi. of levee on east side of Sacramento river to connect with levees of District No. 10. A. M. Barton is chief eng. for the Reclamation Board.

CLAREMONT, Cal.—The San Antonio Flood Protection Dist. has rejected $40,000 bond issue for dikes, dams and other flood protection work, at election Oct. 29.

SANTA ANA, Cal.—County Supervisors preparing data for bond election to be called soon for Newport harbor improvements.

LOS ANGELES, Cal.—It is reported that if the proposed deal with the Pacific Steel Co. is closed the city will let contracts for dredging approx. 5,000,000 cu. yds. material, in addition to the contract with the L. A. Dredging Co. for removal of 2,000,000 cu. yds., work on which is under way.

LOS ANGELES, Cal.—Until 11 A. M., Nov. 19, bids will be rec. by supervisors for fur. 20,000 tons or more of rip-rap rock. Spec. on file at office of board.

E. D. BULLARD
announces that after October first, 1923, their Office and Salesroom will occupy
565 Howard St.
San Francisco
Telephones (Unchanged)
Douglas 6320
Douglas 6321
No change in the Los Angeles address,
130 SOUTH BROADWAY

LOS ANGELES, Cal.—On recommendation of the special committee the City Council has approved plans of city engineer to const. conc. flood control channel through the Van Nuys district to carry the flood waters of the Pacoima Wash into the Los Angeles river and protect the Van Nuys district the flood water menace. The city engineer was instructed to prepare detailed plans. It is expected a district will be created to vote a bond issue for the improvement. The flood control channel will be about sixty feet wide. A roadway will be established along each side of the channel.

RICHMOND, Contra Costa Co., Cal.—Until Nov. 13, 8 p. m., bids will be rec. by A. C. Faris, city clerk, for fill at property at 8th and Elm Ave., (known as Elm Park). Cert. check 10% req. with each bid. Further information obtainable from clerk. H. B. Chapman, city engineer.

PETALUMA, Sonoma Co., Cal.—As previously reported, bids are being received by Lyman Green, city clerk, to dredge Petaluma river from 1st St. south to Washington St. bridge. Date for opening bids has been advanced to Nov. 13, 7:30. Plans on file in office of clerk.

SAN FRANCISCO, Cal.—The Tibbitts-Pacific Company, 16 California street, has been awarded a contract by the State Board of Harbor Commissioners, for the construction of a reinforced concrete and steel subway under the Ferry Loop at the Embarcadero at the foot of Market street. Contract price, $238,700. Plans were prepared by Frank G. White, Chief Engineer of the Commission.

IRRIGATION PROJECTS

TULARE, Tulare Co., Cal.—State Engineer W. F. McClure will attend a meeting in Hanford Dec. 7 to determine the feasibility of giving the Tulare Lake Storage Water District a permit. The meeting was called after the district had established the sufficiency of its permit before the state engineering department. The district proposes to water 176,000 acres in the San Joaquin valley, the majority of which lies in Kings county.

TURLOCK, Stanislaus Co., Cal.—Following is list of low bids received by Turlock Irrigation District for various improvements under recently voted $500,000 bond issue:

Installation of pumping plants, Byron-Jackson Pump Mfg. Co., 55 New Montgomery St., San Francisco, $14,488.

Concrete lining canals, no bids were received for this work and district will proceed under day labor system. Cost will exceed $95,000.

Transmission lines, no bids received and work will be done by district under the day labor plan. The cost of this work will exceed $300,000.

Ceres canal enlargement. C. F. Tullock, Merced, low bidder at $6850.

High Line Main Canal Enlargement. Chas. F. Tullock, Merced, low at $7375.

TRACY, San Joaquin Co., Cal.—W. D. Harrington, chief engineer of the Banta-Carbona Irrigation District, has named Thos. H. Means of San Francisco as consulting engineer on the project. The appointment has been approved by directors of the district.

TURLOCK, Stanislaus Co., Cal.—Chas F. Tullock, Merced, at $14,215 awarded cont. by Turlock Irrigation District to enlarge canals and to Sterling Pump Works, Stockton, to install approx. 16 drainage pumping plants. Cowell Lime and Cement Co. awarded contract to fur. approx. 10,000 bbls. cement.

SACRAMENTO, Cal. — Bids were opened on Nov. 5 by The Reclamation Board for the ex- less of material for a collecting drain following the line of Poodle Creek and extensions thereof, about three miles southwest of Sutter City, California. The total length of the drain is 13,050 feet.

Bids received were as follows (a) cash, (G warrants:

Peter Gadd, 1232 41st St., Sacramento, (A) 27c cu. yd; (B) 32½c cu. yd.

John Phillips, Oakland, (A) 28c cu. yd; (B) 30c cu. yd.

Olympian Dredging Co., (A) 31c cu. yd; (B) ——.

LIGHTING SYSTEMS

FRESNO, Fresno Co., Cal.—City council accepts petition seeking installation of electrolier system in Ventura Ave., bet. Orange and Angus and bet. Angus and G Sts.; G St. bet. Ventura and San Benito; Mono, bet. M and G Sts.; L and M Sts., bet. Kern and Ventura; Inyo bet. M and Fulton; Cherry, bet. Broadway and Los Angeles and Los Angeles bet. Broadway and Van Ness. Wm. Stranahan, City Eng.

CHICO, Butte Co., Cal.—Pacific Gas and Electric Co., submits offer to city trustees to install electrolier system south of Fifth St. in Main and Broadway and extending the system to Chico Creek. Cost would be approx. $130 per standard to property owners. Three standards to block are contemplated.

LOS ANGELES, Cal.—Newbery Electric Corp., 724 S Olive St., submitted low bid to Bd. Pub. Wks. at $42,136 to install ornam. lighting system on Washington St., bet. Hobart Blvd. and 50 ft. west of 8th Ave. Other bids were. Osborn Electric Co., $42,485; H. H. Walker, $42,912; J. C. Rendler, Inc., $43,333.

R. A. Wattson, 4907 Melrose Ave., low bidder at $14,097 to install ornam. lighting system in Arden Blvd., bet. Rosewood Ave. and Third St. Other bids were: Osborn Electric Co., $17,425; H. H. Walker, $17,753; J. C. Rendler, Inc., $18,188; Newbery Electric Co., $18,728.

MACHINERY & EQUIPMENT

LOS ANGELES, Cal.—Until 2:30 p. m. Nov. 16, bids will be rec. by harbor comm., 312 Byrne Bldg., for derrick barge under spec. No. 549. Guy W. Wade, secretary.

SANTA BARBARA, Cal.—Santa Barbara Lumber Co., Santa Barbara, is moving a planing mill and installing new equipment and offers the following for sale, now being used and in first class condition:

One 26-in. traveling bed single head planer double belt drive; (doing good work) $450.

One 12-in. Powers Jointer (very good shape) $350.

One Rowley and Hermance Self Feed Rip Saw to 18-in. (running good) $300.

One 10-in. Halliday Sticker 12-in. Top Hd (doing very good work) $450.

One Crescent Boring Morticer Machine, "Vertical" (very good shape) $250.

One Towsley RR cut off and frame saw 36x42, (very good shape) $400.

One Porter Round Head 6-in. Jointer (very good shape) $250.

Further particulars may be obtained from Mr. C. H. Boyd, president and manager of the Santa Barbara Lumber Company at Santa Barbara.

ENGINEERING, INDUSTRIAL, TECHNICAL & SCIENTIFIC BOOKS

TECHNICAL BOOK COMPANY

Mills Building -- San Francisco

Phone Garfield 19

REPRESENTING

D. Van Nostrand Co., John Wiley & Sons, Inc., J. B. Lippincott Co., Longmans, Green & Co.

SAN JOSE, Santa Clara Co., Cal.—County supervisors reject bids to furnish rubber conveyor belt for Saratoga quarry and material will probably be purchased in open market. Henry A. Pfister is county clerk.

BOONVILLE, Mendocino Co., Cal. — Bids will be considered Nov. 28, 2 p. m. by trustees of Anderson Valley School District for sale of following materials no longer required by the district: One windmill, steel tower, deep well pump and 1000-gal. tank and redwood tower. Further information obtainable from Byron G. Gowan, clerk of district.

RAILROADS

ALASKA—Plans for the extension of the railroad service in Alaska by the construction of a branch line to Mount McKinley National Park, are announced by Colonel Lee H. Landis, newly appointed manager of the Alaska Railroad.

EUREKA, Humboldt Co., Cal.—City council, Walter Kildale, city clerk, will ask bids at once for fur. and del. 460 tons of 70-lb. rails and 325 lbs. high T rails. John Griffiths, city supt. of pub. works.

FIRE EQUIPMENT

TULARE, Tulare Co., Cal.—City trustees will call bids shortly for fire apparatus and other equipment for the new fire house under construction. Bert Johnson, fire chief.

SPARKS, Nevada.—City council has invited fire equipment companies to submit lease contract forms for their equipment. It is proposed to install an engine and chemical and pump. Installation of a fire alarm system is also contemplated.

MISCELLANEOUS SUPPLIES

SAN FRANCISCO—Until Nov. 15, 12 M., bids will be rec. by F. W. Taylor, Purchasing Agent, Southern Pacific Co., 65 Market St., Room 952, for fur. approx. 37,000 bbls. fuel oil per day, Jan. 1, 1924, to Dec. 31, 1925, inclusive with option of 55,000 bbls. per day, delivered at Linnton, Ore., and various California points. Further informations obtainable from above.

OAKLAND, Cal.—Until Nov. 15, 12 m., bids will be rec. by E. K. Sturgis, city clerk, for fur. a photographic copying machine. Bond of $600 required of successful bidder. Further information obtainable from clerk.

PIPE LINES, WELLS, ETC.

LOS ANGELES, Cal.—Until 2:30 P. M., Nov. 23, bids will be rec. by harbor comm., 312 Byrne Bldg., for pipe and fittings under Spec. No. 537. Guy W. Wade, Secy.

DENVER, Colo. — See "Government Works and Supplies," this issue.

EL SEGUNDO, Cal.—Pacific Pipe & Supply Co., 1002 S. Santa Fe Ave., Los Angeles, awarded cont. by city trustees for 4-in. cast iron water pipe, as follows: 2500 ft. alongside trench, El Segundo; $70.26 per 100 ft.; total, $1756.50; 2500 ft. at Corporation yard, El Segundo, $69.72 per 100 ft.; total, $1743. 11.

PORTERVILLE, Tulare Co., Cal. — Until Dec. 6, 7:30 p. m. bids will be rec. by Geo. D Avery, city clerk, for fur. 5000 ft. 4-in. class B, C. I. Bell and Spigot Pipe; 8, 4x4 T's Bell Ends; 4 4x4 crosses with Bell Ends; 6 4-in. plugs tapped to 2-in. standards. Bids desired on both f. o. b. factory and f. o. b. Porterville, 90 days after award. See call for bids under official proposal section in this issue.

SEWAGE DISPOSAL PLANTS

MADERA, Madera Co., Cal. — State Board of Health in report to city trustees recommends the installation of larger pumps at the sewage disposal plant.

HOLLISTER, San Benito Co., Cal. — Until Nov. 26, 8 p. m., bids will be rec. by Howard O'Brien, town clerk, to construct sewage disposal plant. Clyde F. Smith, consulting engineer, 516 Santa Barbara Rd., Berkeley. **Complete particulars in official call for bids published in this issue.**

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Mayor Jas. Rolph Jr., authorizes City Eng. M. M. O'Shaughnessy to proceed with preparation of preliminary plans for subway under Market street to relieve present congested traffic. Bonds, to be voted next year, will probably be the means of financing the project.

LOS ANGELES, Cal. — City Engr. Grifin estimates cost of proposed tunnel under Sunset Blvd. at the Micheltorena school at $10,400.

WATER WORKS

DURHAM, Butte Co., Cal.—Until Nov. 20, 2:30 p. m., bids will be rec. by Geo. W. Clount, clerk Durham Union High School District to fur. and install a plunger or centrifugal type of pump that will deliver not less than 3000 gals. per hour under a pressure of not less than 25 lbs. the bid to include a 1000-gal. pressure tank tested under 150 lbs. pressure gauge, all necessary valves, couplings and pipe, includ. a 3-phase motor of sufficient h.p. to operate the system, a high and low voltage release, automatic switch, etc. **See call for bids under official proposal section in this issue.**

DENVER, Col. — See "Government Work and Supplies," this issue.

Auto Supplies

at Cut Rate

EVERYTHING FOR YOUR MACHINE

Zimmerlin Bros. Co.

Established 1907

3190 MISSION ST. — Junction Valencia

24 VAN NESS AVENUE — Phone Market 8926 — Near Market

STOCKTON, San Joaquin Co., Cal.—Chicago Bridge and Iron Works, Rialto Bldg., San Francisco, at $1990 submits low bid to supervisors to fur. and erect one standard 4-panel type hemispherical bottom steel tank of 50,000 gals. capacity, secured at the top of a steel tower (height of steel frame to be 100 ft. measuring from bottom plates to floor of circular balcony. Minncapolis Steel and Machinery Co. next low bidder at $9981. Taken under advisement.

PLAYGROUNDS AND PARKS

MERCED, Merced Co., Cal. — City trustees sell $25,000 park bond issue for premium of $10. Sale of the issue will finance park improvements.

SEWERS & STREET WORK

WATTS, Cal—Until Nov. 13, bids will be rec. by city trustees for imp. under 1911 and 1915 Bond Imp. Act, the following streets: Hickory St., involv. 71,651 sq. ft. 5-in. conc.; Ruoff St., involv. 108,085 sq. ft. 6-in. conc.; Randolph St., involv. 99,598 sq. ft. 6-in. conc.; plans and spec. on file at office of City Mgr. L. D. House, City Hall, Watts.

LOS ANGELES, Cal.—L. A. Paving Co., 2900 Santa Fe Ave., submitted low bid to Bd. Pub. Wks. to pave central 19 ft. of the roadway of Second St., bet. Broadway and Figueroa St., involving 16,355.77 sq. ft. asph. paving, incl. grading at 36.9c sq. ft.; 28,546.55 sq. ft. Warrenite-bitul. paving at 48.9c sq. ft. J. A Hill bid 37.9c asph. paving and 49.9c Warrenite paving.

LOS ANGELES, Cal. — County Road Comm. C. M. Jones states that the logical plan to extend W 2nd St., Pomona, to join the Valley Blvd. near Sprada, is directly west to a point near the present wooden bridge over the Union Pac. tracks and then over the railroad by a viaduct. Est. cost $100,000. The cost would be divided 50% to county; so. Pac. Ry., 25%; Union Pac. Ry., 20% and Pomona city, 5%. The city is to pave W 2nd St. to the w city limits. O. F. Cooley, asst. to Mr. Jones, has the matter in charge.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, declares inten. to imp. Castro Se., bet. 1st and 7th Sts., involv. grade and pace; curb and guttered; 2 catchbasins with conduits. 1911 Act. Protests No. 28. W. W. Harmon, City Eng.

SAN JOSE, Santa Clara Co., Cal.—Until Nov. 19, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, to imp. Agnew road in Supervisor Dist. No. 4 and portion of McLaughlin Ave. in Supervisor Dist. 2. Plans on file in office of clerk.

SHASTA COUNTY, Cal.—Until Dec. 3, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with Portland cem. conc 9. 9 mi. in Shasta county bet. Redding and Bayha. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—No bids received by county supervisors to improve McKean road in Supervisor Dist. 4 and county surveyor instructed to proceed with work by day labor.

VISALIA, Tulare Co., Cal. — City council, Ida Markham, Clerk, declares inten. to const. hyd. cem. conc. walks in portions of South Bridge, South Garden, South Court Sts., etc. 1911 Act and Bond Act 1915 Protests No. 19. L. H. Gadsby, City Eng.

HANFORD, Kings Co., Cal. — City council, D. C. Williams, clerk, declares inten. to imp. portions of 6th, 7th, 8th, Douty and Irwin Sts., regrade; repave with 2-in. Warrenite-Bit. surface; corrugated iron and concrete culverts. 1911 Act and Bond Act 1915. Protests Nov. 19. Ben Duffield, city eng.

OAKLAND, Cal.—Until Nov. 15, 11 a. m., bids will be rec. by E. K. Sturgis, city clerk, to imp. 75th Ave., bet. Beck St. and n.c. line of Melrose Extension Tract; grade and pave; const. curbs, gutters and walks. 1911 Act. Cert. chk. 10% payable to city req. W. W. Harmon, city eng.

SAN DIEGO, Cal.—City council rejects bid of calif. Constr. Co. to imp. Granada Ave., 29th, Dale, Palm Sts. and alley in blk. 1, Blair's Highland, in the sum of $51,007.23, and directed the city engineer, F. A. Rhodes, to prepare new specifications with a cheaper type of pavement.

Griffith Co., 25 14th St., San Diego, awarded cont. at $19,563.64 for imp. Ivy, Fern and 31st Sts.

G. R. Daley, 4430 Boundary St., awarded contr. at $29,994.80 for imp. Ray, Dwight and Wightman Sts.

LOS ANGELES—Until 11 a. m. Nov. 19 bids will be rec. by supervisors to imp. 100th St., bet. Main and San Pedro Sts, involv. 600 cu. yds. excav.; 5168 lin. ft. conc. curb 6x9x14 ft; 307 ft. curb 6x10x 18 ft.; 307 ft. curb; 22,697 sq. ft. walk; 1104 sq. ft. gutter.

PHOENIX, Ariz.—Bids to const. 29-mile gap in the Phoenix- Puma highway were rejected and the work will be done by the state forces. Of the 29 mi., 22 will be in Maricopa county and 7 mi. in Yuma county. The work will be done under federal aid, and will consist of grading, surfacing with gravel and crushed rock, and construction of drainage structures. The roadway will be standard width of bureau of public roads. On previous bids, Kisselberg & Smith were low bidders at $108,828 for the work in Mariposa county, & Cashion & Caldwell, at $52,483, for the work in Yuma county. Frank R. Goodman, Phoenix, state engr.

RIVERSIDE COUNTY, Calif. — As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, Nov. 19, to pave with asph. conc. 0.7 miles in Riverside county, in city of Beaumont. Project involv. 3880 lin. ft. subgrade (prepare and shape) includ. grading and const. of earth shoulders; 2425 tons asph conc. (pavement).

PETALUMA, Sonoma Co., Cal.—City council conferring with Howe and Peters, engineers, 24 California street, San Francisco, regarding construction of new sewer system for city.

SANTA PAULA, Cal.—Until 7:30 p. m., Nov. 19, bids will be rec. by city trustees to const. vit. or conc. sewer system, approx. 3 mi. in length, of 6-in. to 20-in. pipe, and conc. septic tank. Plans and spec. may be obtained from City Engr. Harry E. Reddick, upon deposit of $5.

LOS ANGELES, Cal.—Until 10 a. m., Nov. 19, bids will be rec. by Bd. Pub. Wks. to imp. Figueroa St., bet. Manchester Ave. and 120th St., 13,142.74 lin. ft., involv. 786,105 sq. ft. 6-in. cem. conc paving; 21,232 lin. ft. curb; 63,746 sq. ft. walk; 32,240 sq. ft. 2-in. bitum. base paving; 1911 Act.

LOS ANGELES, Cal.—Griffith Co., L. A. Ry. Bldg., awarded contr. by Bd. Pub Wks. at $51,951.20, for imp. Denison Ave., bet. 26th and 36th Sts., involving grading at $7311 (lump sum); 114,880 sq. ft. cem. conc. paving (incl. appurtenant bitum. base) at 21.3c ft.; 6275 ft. curb at 70c ft.; 36,081 sq. ft. walk at 21c ft.; $1350 san sewer; 5075 ft. hse. sewers at $1.35 ft.

OAKLAND, Cal.—Until Nov. 15, 11 a. m., bids will be rec. by E. K. Sturgis, city clerk, to imp. 5th St., bet. Harrison and Alice, Alice and Jackson, Jackson to Madison and from Madison to Oak Sts., grade and pave; const. curbs and gutters. 1911 Act. Cert. chk. 10% payable to city req. W. W. Harmon, city engineer.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., awarded contr. by Bd. Pub. Wks. at $71,254.63 for paving Melrose Ave., bet. Vermont and Western Aves., involving grading at $7500 (lump sum); 342 sq. ft. asph. paving at 30c ft.; 646 sq. ft. Warrenite-bitul. paving at 10c ft.; 180,090 sq. ft. 6-in. bitum base paving at 22.75c ft.; 9513 ft. curb at 65c ft.; 44,710 sq. ft. walk at 20c ft; 16,800 sq. ft. gutter at 30c ft; catchbasins at $600; reinf. conc. culvert, $2700; 394 ft. hse. sewers at $1.50 ft; 3278 sq. ft. 2-in. bitum. paving at 10c ft.

COMPTON, Cal.—Until 8 p. m., Nov. 13, bids will be rec. by city trustees to imp. west ½ of Wilmington St., Indigo ts., and portions of other streets, involving 120 ft. curb; 72,800 sq. ft. grading; 72,800 sq. ft. 5-in. cem. conc. paving; 75 ft. 6-in. hse. sewers; 9 steel and conc. culverts; 1911 Act. Edw. M. Lynch, Central Bldg., Los Angeles, city engr. Maude Hecock, city clerk.

COMPTON, Cal.—Geo. H. Oswald, 366 E 58th St., awarded cont. by city trustees at $12,064 to imp. Almond St., involv. 35,375 sq. ft. grading at 3.5c ft.; 16,370 sq. ft. 5-in. conc. paving at 21.5c ft.; 19,006 sq. ft. 3½-in. bitum. base, with 1½-in. Willite surface at 26c ft; 371 ft. hse. sewers at $1.50 ft; one flushtank to be moved at $100; 1110 ft. 4-in. woodstave water pipe at $1.23 ft.; 228 ft. 2-in. standard galv. service connections at $1.50 ft.

SANTA BARBARA, Cal.—City Mgr. Geo. D. Morrison estimates cost of didening Chapala St. at $200,000.

GLENDALE, Cal.—Cornwell & Henderson, 120 S Glendale Ave., Glendale, submitted low bid to council to imp. Concord St., Patterson Ave., Fairmont Ave. and Pioneer Dr., involving 1306 lin. ft. grading $1.50 ft; 311 sq. ft. gutter 25c ft; 17,250 sq. ft. 3-in. macad. 11c ft.; 100 ft A curb 50c ft; 3100 ft. B curb 50c ft; 16,300 sq. ft. walk 17c ft; storm drain complete $2500; water pipe complete, $5086.

Cornwell & Henderson low bidders to imp. Stanley Ave. and Verdugo Rd., involv. 770 lin. ft. grading $1 ft; 2990 sq. ft. gutter 22c ft; 20,486 sq. ft. 3-in. macad. 10c ft; 1574 ft. curb 50c ft; 7900 sq. ft. walk 17c ft; 820 ft. 4-in. c. i. water pipe $1400 complete.

LOS ANGELES, Cal.—Until 11 a. m., Nov. 26, bids will be rec. by supervisors to imp. Slauson Ave., bet. L. A. city limits west 5270.09 ft., approx. 5270.09 lin. ft. Pavement consists of conc., 22 ft. wide, 6 in. to 8 in. thick. Work involves (1) 15,365 cu. yds. excav.; (2) 5270 lin. ft. shaping roadbed; (3) 12,882 sq. yds. conc. pavement; (4) 36 in. corr iron pipe with headwalls at Sta. 39 plus 55; (5) 42-in. corru. iron pipe with headwalls at Sta. 29 plus 40; (6) 1064 lin. ft. guard fence. Est. contr. price $44,200.40.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

SAN FRANCISCO — Until Nov. 16, 11.30 a. m., bids will be rec. by Constructing Quartermaster, Fort Mason, to grade Crissy Field. Further information on application.

SAUSALITO, Marin Co., Cal.—Until Nov. 15, 8 p. m., bids will be rec. by W. Z. Tiffany, town clerk, to imp. portions of Princess St. and Bulkley Ave., involv. grading; pave with 5-in. hyd. conc. curbs and walks; rein. conc. retaining walls; br. and conc. catchbasins vit. sewers, etc. 1915 Act and 1911 Act. Cert. check 10% payable to town req. Howe and Peters, consulting engineers, 24 California Street, San Francisco.

STOCKTON, San Joaquin Co., Cal.—A delegation of four county supervisors and members of the Chamber of Commerce, after inspecting county roads, has decided to recommend to the county supervisors that oil macadam pavement to be used in future road construction. Early surfacing of the Sonora-Tuolumne and Sonora-Columbia roads is contemplated. It is estimated the work can be done for less than $5000 a mile. F. E. Quail, county surv.

BAKERSFIELD, Kern Co., Cal. — Union Paving Co., 620 Call Bldg., San Francisco, awarded cont. by council at $73,003.21 to imp. 20th St., bet. N and R Sts., and portions of R and other streets; grade and pave with 1½-in. Warrenite-bitul. surface on 3½-in. asph. conc. base; constructing curbs, gutters, catch basins, culverts, etc. Other bids: Thompson Bros., $76,415.82; Valley Paving & Constr. Co., $76,552.30; Calif. Constr. Co., $79,056.06.

WOODLAND, Yolo Co., Cal. — A. Teichert & Sons, Ochsner Bldg., Sacramento, at approx. $60,000 awarded cont. by supervisors to pave streets in city limits of Davis, portions of county highway system.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno, at $14,598 awarded cont. by city council to const. 18-in., 15-in., 12-in., 10-in. and 8-in. vit. sewers in portions of Monterey, G and H Streets including the const. of 19 cem. conc. manholes with c. i. covers; wye branches, etc.

FRESNO, Fresno Co., Cal.—E. A. McAlpin, Fresno, awarded cont. by council to imp. Wishon Ave., bet. Olive and Normal, involv. cem. conc. walks, $.183 sq. ft.; cem. conc. curb, $.50 lin. ft.

LONG BEACH, Cal. — P. S. Tomich, 425 N Fremont, Los Angeles, awarded contract by council at $73,000 for constructing sewer system in Anaheim, Daisy, Loma Vista and other streets.

VISALIA, Tulare Co., Cal.—Bids are being received (date not set) by C. T. Pool, clerk Visalia Union High School District, to pave grounds of high school alternative bids being wanted as follows: **concrete pavement** — 263.39 cu. yds. Class "A" concrete, bid to include price for excavation; **asphaltic concrete**—18,664.54 sq. ft. 4-in. asph. conc. pavement, includ. excavation; 3527 cu. yds. class "A" conc. in curbs, gutters and approaches if asph. conc. pavement is laid. Cert. check 5% req. with each bid. Plans by Laurence A. Moye, County Surveyor, Visalia, obtainable from clerk of high school.

FRESNO, Fresno Co., Cal. — W. F. Hanrahan, Brix Bldg., Fresno, awarded cont. by council to imp. McKinley Ave. bet. Palm Ave. and North Park Terrace involv. grade, $.053; 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement, $.217; conc. gutter, $.33; conc. curb, $.65; conc. walks, $.225; 12-in. corru. culvert, Type "A", $5.50; do Type B, $5.50; 18-in. corru. culvert, $6.50; manholes, $25.

HOLLISTER, San Benito Co., Cal. — Until Nov. 26, 8 p. m., bids will be rec. by Howard O'Brien, town clerk, to construct lateral sewers. Cert. check 5% payable to President of Board of Town Trustees req. Plans on file in office of clerk.

MERCED, Merced Co., Cal. — Until Nov. 19, 8 p. m., bids will be rec. by W. W. Cornell, city clerk, to pave with 4-in. hyd. conc alley through block No 104, 1915 Bond Act. Cert. check 10% payable to city req. Plans on file in office of clerk.

REDWOOD CITY, San Mateo Co., Cal —Municipal Improvement Co., 306 12th St., Oakland, at approx. $212,000, submitted low bid to supervisors to improve streets in Rd. Dist. Imp. No. 2: San Marco, Santa Domingo, Santa Lucia, Santa Inez, Santa Clara Aves, etc., grade; pave with 1½-in. Warrenite-Bit. surface on 4-in. hyd. cem. conc. base; 4-in. vit. sidew. sewers; 18-in. vit. pipe sewer; br. manhole with c. i. frames and cover. Work under Road Dist. Imp. Act 1907. Other (approximate) bids were: Warren Const. Co., Oakland, $214,200; Bates and Borland, Oakland, $215,750; California Const. Co. San Francisco, $219,950; R. H. Crummey, Oakland, $222,500; A. Teichert & Son, Sacramento, $227,700. Taken under advisement. Geo. A. Kneese is county surveyor.

GLENDALE, Cal.—Cornwell & Henderson, 120 S Glendale Ave., Glendale, awarded contr. by council at $22,476.25 for imp. Concord St., Patterson Ave., Fairmont Ave. and Pioneer Dr., involv. 1306 lin. ft. grading $1.50 ft.; 311 sq. ft. gutter 25c ft.; 17,250 sq. ft. 3-in. macad. 11c ft.; 100 ft. A curb 50c ft.; 3100 ft. B curb 50c ft.; 16,300 sq. ft. walk 17c ft.; storm drain complete $2500; water pipe complete $5086.

W. J. Curren, 379 W Patterson St., Glendale, awarded contr. at $6255.90 for imp. Railroad St., involv. 646 lin. ft. grading 40c ft.; 18,117 sq. ft. 6-in. conc. paving 235c ft.; 1252 ft. curb 50c ft.; 662 ft. 4-in. class "C" c. i. water pipe $1114 complete.

E. L. Fleming, 1018 E Howard St., Glendale, awarded contr. at $7000.36 to imp. Stanley Ave., and Verdugo Rd., involving 770 lin. ft. grading 70c ft.; 2990 sq. ft. gutter 21c ft.; 1574 ft. curb 50c ft.; 7900 sq. ft. walk 17c ft.; 820 ft. 4-in. c. i. water pipe $1450 complete.

ALAMEDA, Alameda Co., Cal.—City Eng. Burnett Hamilton preparing spec. to widen Park St., bet. Encinal and Lincoln St.

PASADENA, Cal.—Until 10 a. m., Nov. 13, bids will be rec. by city directors to const. sewer:

West Ave., Ontario Ave., Banyan St., Lewis St., Bryant St., Yocum St., Afton St. and other streets, involv. 8-in., 10-in., 12-in., 14-in., 15-in., 16-in. and 20-in. vit pipe; flush tanks, manholes, Y-branches, etc. W. C. Earle, city engr. Bessie Chamberlain, city clerk.

PASADENA, Cal. — Until 10 a. m., Nov. 13, bids will be rec. by city directors to const. 10-in. vit. pipe sewer in Allen Ave., bet. Mountain St. and 812 ft. n., with manholes, flush tank, 20 10x4-in. Y branches.

Separate bids to const. Palm Terr., bet. Belvedere St. and Claremont Dr., etc., involv. 8-in. vit. pipe sewer, 3 flushtanks, 7 manholes, 84 8x4-in. Y-branches. W. C. Earle, city engr.

LYNWOOD, Cal.—Until 8 p. m., Nov. 21, bids will be rec. by city trustees to imp. Beach St., South Beach St., Chester St., etc., involv. 83,300 sq. ft. walk; 28,100 lin. ft. curb; 33,700 sq. ft. gutter; 576,800 sq. ft. grading; 133,900 sq. ft oiling; 442,900 sq. ft. 4-in. oiled macadam. 1911 and 1915 Bond Imp. Act. Edw. M. Lynch, Central Bldg., Los Angeles, city engineer.

REDWOOD CITY, San Mateo Co., Cal —Until Dec. 3, bids will be rec. by Mrs. Elizabeth Kneese, county clerk, to grade San Bruno Ave. from Daly City to San Bruno. Plans obtainable from County Surveyor Geo. A. Kneese.

ANAHEIM, Cal.—Until 8 p. m., Nov. 22, bids will be rec. by city trustees to const. vit. pipe sewer system in connection with the new outfall sewer, involving 1302 ft. 20-in. pipe; 5408 ft. 12-in. pipe; 4174 ft. 10-in. pipe. Cert. check or bond 10%. Cash job. O. E. Stewart, city engineer.

STOCKTON, San Joaquin Co., Cal. — Irey and Holden, Lodi, at approx. $25,000 awarded cont. by supervisors to imp. Kettleman Lane, in Rd. Dist. No. 2, from pavement in Lower Sacramento rd. West 13,226 ft. to pave in Telegraph. ave.

CORNING, Tehama Co., Cal.—Until Nov. 22, 7:30 p. m., bids will be rec. by E. L. Randall, city clerk, to const. extensions to main line of sewer system, extending to Sacramento river, for sewage disposal purposes. Bids will be considered for concrete or vitrified pipe. Cert. check 10% payable to City Treasurer req. Plans obtainable from W. F. Lunning, engineer, Red Bluff.

MERCED, Merced Co., Cal. — Until Nov. 19, 8 p. m., bids will be rec. by W. W. Cornell, city clerk, to grade and pave with 4-in. hyd. cem. conc. alley through Block No. 150, 1915 Bond Act. Cert. check 10% payable to city req. Plans on file in office of clerk.

TURLOCK, Stanislaus Co., Cal.—Until Nov. 20, 8 p. m., bids will be rec. by A. P. Ferguson, city clerk, to imp. Diablo St., from pave in place in Crane Ave., to pavement in E-Main St., and Thor St., from pavement in E-Main St. to pavement in E-Olive St., by grading; pave with 3-in. asph. conc. base with 12-in. Warrenite-Bit. surface; conc. curbs and gutters. Cert. check 10% payable to city req. Horace Hall is eng.

HANFORD, Kings Co., Cal.—Hanford Board of Trade and Chamber of Commerce of Stockton backs movement to secure construction of highway from Mendota to Hanford, connecting West Side highway to Treacy.

SAN FRANCISCO, Cal.—M. Bertolino 32 Shotwell St. at $1522 awarded cont. by Bd. Pub. Works to imp. Ellsworth St., bet. Powhattan and pt. 363 ft. northerly, involv. 24 lin. ft. 12-in. sewer, $3.75; 327 lin. ft. 8-in. sewer, $3.30; 2 br. manholes, $150; 26 8-in. wye branches, $2.

City Construction Co., Call Bldg., at $2077 awarded cont. to imp. Surrey St., from Diamond St., s.w. involv. 236 lin. ft. conc. curb, $1.25; 2868 sq. ft. asph. pavement, $.85; 1196 sq. ft. brick pavement.

City Const. Co., at $1253 awarded cont. to imp. Surrey St., bet. Castro and Diamond, involv. 187 lin. ft. granite curb, $2.50; 2244 sq. ft. asph. pavement, $.35.

City Const. Co., at $527 awarded cont. to imp. Diamond St., bet. Chenery and Surray St., involv. 52 lin. ft. granite curb, $.250; 494 sq. ft. art. stone walks, $.25; 780 sq. ft. asph. pavement, $.35.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

SAN FRANCISCO PUBLIC LIBRARY

BAKERSFIELD, Kern Co., Cal.—Un-il Nov. 13, 5 p. m ,bids will he rec. by . Van Riper, city clerk, to imp. por-ions of M and N Sts., and Chester Ave., nvolv. 59,857 sq. ft. conc. walks and 690 lin. ft. conc. curb, 1911 and 1915 ond Act. W. D. Clarke, city eng

SAN FRANCISCO—City Eng. M. M. 'Shaughnessy completes spec. to imp. ollowing streets:

Carlson St., bet. Douglas and Its csterly termination, involv. 227 cu. ds. cut; 34 cu. yds. fill; 413 lin. ft. onc. curb; 1860 sq. ft. art. stone walks; 995 sq. ft. conc. pavement and 3431). ft. asph. conc. pavement. Est. cost 2400.

Crossing of Bocana & Eugenia Aves. nvolv. 70 lin. ft. conc. curb; 500 sq. ft. rt. stone walks; 2 br. catchbasins; 50 n. ft. 10-in. ironstone pipe culvert; 215 sq. ft. asph. conc. pavement. Est. ost $1250.

Harrison St., bet. 8th and Berwick treets, involv. 1305 sq. ft. art. stone alks. Est. cost $275.

LOS ANGELES, Cal. — City council uthorizes Board Pub. Wks. to call for ids on Sec. 4 of the outfall sewer, open it, and the date (probably Dec. 3) for pening bids will be fixed by the board t its meeting next Monday. Sec. 4 ex-nds from Playa del Rey to Hyperion, ong the beach, about 11,487 ft. It ill be monolythic plain conc. with vit. ay lining; inside height 10 ft. 6 in., idth 12 ft., walls about 15-in. thick. ity will furnish cem. and aggregates. lans for Secs. 6, 8, and 9, which will e submitted to contractors, will soon e ready also.

OAKLAND, Cal.—Bates and Borland, ank of Savings Bldg, Oakland award-l cont. by city council to imp. por-ons of E-18th St., involv. grade, $.04; onc. curb $.75; conc. gutter, $.25; oil acadam pavement, $.11; cem. walks 17.

Bates and Borland awarded cont. to mp. Porter St., from 38th Ave. n.w. volv. grade, $.055; conc. curb, $.75; onc. gutter, $.25; oil macadam pave-ent, $.115; cem. walks, $.17.

Thos. F. Geary, 351 12th St., Oak-nd, asarded cont. to imp. portions of lice St., involv. 21-in. vit. sewer, $4; in. conc. sewer $6; 10-in. vit pipe nduit, $1.20; gr. manholes, $89.50; br. nd conc. manholes, $89.50; br. catch-asins, $85; vit. wye branches, $2; vit. pe slants, $2; remove existing sewer 05 lin. ft.; remove manholes, $20; vit. pe drop connections, $15.

LOS ANGELES, Cal.—Election will be held Dec. 15 to bond Westgate dist. for $450,000 for the paving of approx. 10 mi. streets. The streets included are in the territory bounded by Federal Ave., Bundy Dr., Wilshire Blvd. and San Vicente.

VISALIA, Tulare Co., Cal.—Valley Paving and Constructing Co., Visalia, at $58,997.95 awarded cont. by city trustees to imp. portions of W Center, N Giddings Sts., etc., involv. 4631 cu. yds. cut; 227 cu. yds grading, fill; 212,-757 sq. ft. pavement, 4-in. base and 1½-in. Warrenite-Bit. wearing surface; 2731 lin. ft. conc. curb; 7785 lin. ft. conc. gutter; 172 lin. ft. culvert, part circle; 507 sq. ft. alley approaches; 4 culvert manholes; 460 lin. ft. storm sewer, 8-in. vit. pipe including 2 8x4 wye branches; 780 lin. ft. storm sewer 10-in. vit. pipe, including 4 10x4 wye branches; 1 storm sewer manhole; 6 catchbasins; 860 lin. ft. header boards to be left in place. Other bids were: Vaught and Freeman, $61,927.19; Union Paving Co., San Francisco, $66,784.36. L. H. Gadsby, city eng.

WASHINGTON, D. C.—See "Government Work and Supplies," this issue. Bids wanted for sewer manhole covers.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portion of 64th Ave., involv. grading, $.04; conc. curb, $.75; conc. gutter, $2.5; oil macadam pavement, $.12.

Salvatore de Guarda, Oakland, awarded cont. to imp. 8th St., bet. Peralta and Market Sts., involv. grade, $.04 conc. curb with steel guard, $1; conc. curb, $.80; conc. gutter, $.302-in. War-Warrenite-Bit. surface on 6-in. Port. cem. conc. base pavement, $.295; mnnholes, $75; catchbasins, $75; 10-in. pipe conduit, $3.

de Guarda awarded cont. to imp. 12th St., bet. Market and Kirkham, involv. grade, $.04; conc. curb, $.80; conc. curb with steel guard, $1.00; conc. gutter, $.30; 2-in. Warrenite-Bit. surface on 6-in. Port. cem. conc. base pavement, $.295; reset granite curb, $1; 8-in. vit. pipe sewer, $2.50; 10-in. vit. pipe conduit, $3; manhole, $75; lampholes, $50; catchbasins, $75; wye branches, $2.

SANTA ANA, Cal—City trustees petitioned to pave with 6-in. concrete Bristol St., bet. 5th St. and the city limits, and making a 60-ft. street.

LOS ANGELES, Cal.—Until 10 a. m., Nov. 26, bids will be rec. by Bd. Public Works to const. section No. 4 of the north outfall sewer. This section will be 11,487 lin. ft. of monolithic concrete sewer 10 ft. high and 12 ft. wide, laid in an open trench. The walls will be 15 in. thick, with vit. clay block lining. The top of the sewer will be about 8 ft. below the surface. Plans and spec. for this section are now ready and may be obtained at the city engr's. office, 405 s city hall annex.

RIVERSIDE, Cal.—County Supt. of Roads, W. L. Connor, will start at once on resurfacing all county highways. As a start, the supervisors have appropriated $80,000.

TULARE, Tulare Co., Cal.—City Mgr. Lewis and Engr. Williams have prepared spec. to pave 8 blocks on L St.; Inyo St., bet. K and L (5 in. conc.); three blocks in any alley, and sidewalks on L St. Five-inch conc. will also be laid on L St. from the Santa Fe tracks so. to Inyo St., from Inyo to Alpine; the conc. will be 4-in.

SAN LUIS OBISPO, Cal.—Wm. Lane, San Luis Obispo, at $1514.70 awarded cont. by city council to const. (Division J) 950 ft. 6-in. vit. sewer pipe with 40 6-in. wyes with 4-in. inlets and 4 manholes with frames and covers. Other bids: Harry and Heaton, San Luis Obispo, $1655; E. M. Payne, San Luis Obispo, $1744; Arthur Froom, Santa Maria, $2219.80.

Wm. Lane, $1507.90, low bidder to const. sewers in Division K, involving 1000 ft. 6-in. vit. sewer pipe; 30 6-in. wyes with 5-in. inlets; change flush-tank to manhole; 2 manholes and one flushtank to be constructed. Other bids: Harry and Heaton, $1690; E. M. Payne, $1688; Arthur Froom, $2238. Taken under advisement.

Harry and Heaton, San Luis Obispo, at 569.72 low bidder to const. Division L involv. 70 ft. stand, 6-in steel pipe; 210 ft. 6-in. vit. pipe; 10 6-in. wyes with 4-in. inlets; 1 lamphole; 1 flush-tank to manhole; frames and covers. Other bids: Wm. Lane, $644; E. M. Payne, $798; Arthur Froom, $980. Taken under advisement.

RIVERSIDE, Cal. — Geo. R. Curtis, 2440 E 26th St., Los Angeles, submitted low bid to supervisors at $73,890 (on asph. conc.) to imp. portion of Rte. 8, Beaumont, to foot of Moreno Grade, known as the Jack Rabbit Trail, involv. (1) shaping 19,300 lin. ft. 20-ft. roadway; (2) 19,300 lin. ft. 16-ft. pavement; (3) 300 lin. ft. conc. curb; (4) building up 8 catchbasin walls and lay 30 ft. corru. pipe. Pavement to be either 30 ft. asph. conc.; 6-in. macad.; 5-in. Willite; 5-in. National pavement; the class to be determined by the board of supervisors. He also submitted a bid of $80,-066 for National Pavement. The check submitted by Mr. Curtis was less than required amount. On the macad. pavement, Geo. M. Pearson submitted low bid at $58,171.40; Hall-Johnson Co. bid $59,272 on macad. On Willite, Geo. H. Oswald submitted low bid at $81,132. Southwest Paving Co.'s bid on Willite was $82,718. Other bids on asph. conc. were: Geo. H. Oswald, $76,500; Hall-Johnson Co., $77,800; Southwest Paving Co., $78,086.

OROVILLE, Butte Co., Cal.—Alleging that Cole and Simpson, contractors for the Humboldt road project, cannot meet their bills, the county supervisors have cancelled the contract and ordered County Road Eng. Harry H. Hume to proceed with the work.

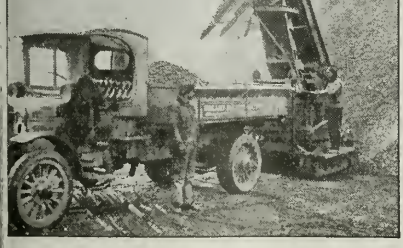
SAN DIEGO, Cal.—City Engr. F. H. Rhodes has estimated quantities for the improvement of several streets, as follows: : : : : : :

Columbia, Laurel and Maple Sts., 31,-719 sq. ft. 4-in. conc. paving; 271,645 sq. ft. 3-in. bitum. base paving with 2-in. asph. top; 12,703 sq. ft. walk; 5061 ft. curb; 6-in. and 4-in. hse. sewers; conc. pipe drains; 319 cu. yds. embank.

First St., bet. California and 6th Sts., involv. 2½-in. bitum base; 20,310 sq. ft. 5-in. conc. paving; 6145 sq. ft. walk; 1610 ft. curb; 100 ft. 6-in. sewer mains; 2-in. and 4-in. sewer laterals.

SAN LUIS OBISPO, Cal. — County supervisors plan completion of Avila road; est. cost $50,000, involv. approx. 2-mi. paving.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

Architects—Engineers—City and County Officials

How about bids wanted?

Are you satisfied with the bids you received on that last job?

Did you have competition—and plenty of it? If not—why not?

Without charge the BUILDING & ENGINEERING NEWS will place your job before the construction interests of the Pacific Coast. That means competition and—competition means the lowest possible bid.

If you want competition send particulars of your job to BUILDING & ENGINEERING NEWS—also a set of plans and specifications.

Reach the *Independent Bidder* through the columns of BUILDING & ENGINEERING NEWS

The combined news services of BUILDING & ENGINEERING NEWS have a circulation of

2804

—reaching the Engineer, Contractor and Material Dealer.

Can you reach one quarter the amount of interested people through any other news service published in this section? We think not—in fact, we know you cannot.

If you want *competition*—if you want *independent* contractors to figure your job—if you want the *lowest possible bid*—send particulars of your project to

Building & Engineering News

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4072	Perry	Owner	6000
4073	Zett	Owner	5000
4074	Lammit	Cutajar	2750
4075	Hjul	Owner	5000
4076	Kallo	Lindberg	9800
4077	Feerick	Owner	10000
4078	Bullwinkel	Adler	13000
4079	Adler	Owner	12000
4080	Nelson	Owner	14700
4081	Same	Owner	19600
4082	Lemcke	Botman	1000
4083	Frank	Owner	3800
4084	Peyser	Steinauer	4790
4085	McCarthy	Arnott	4000
4086	Berch	McCauley	22000
4087	Cehiclo	Hemmen	5000
4088	Onesti	Ichters	28275
4089	Proll	Farnocchia	17040
4090	Beetham	Same	18000
4091	Lank	Same	6000
4092	Parkside	Same	5000
4093	Hirshfeld	Gas	2224
4094	Gonzales	Meyer	5280
4095	Moore	Hanell	5000
4096	Reeser	Ohlsen	8325
4097	Silverstine	Muller	6000
4098	Mission	Carroll	4985
4099	Grant	Owner	5970
4100	Johnson	Owner	8000
4101	Hansen	Owner	9000
4102	Cushman	Arras	1850
4103	Malloy	Jones	2500
4104	Fiske	Owner	7500
4105	Gallagher	Coburn	2500
4106	Molonarie	Anderson	2500
4107	Spengeman	Ingraham	2000
4108	Costello	Owner	8000
4109	Levin	Pasqualetti	6000
4110	Same	Same	9000
4111	Larson	Wolter	4000
4112	Gechter	Frehe	2585
4113	Furni	Sourich	3000
4114	O'Connor	Johnson	8000
4115	Un Tr Co	Larsen	35000
4116	Perry	Helbing	12000
4117	Zellerbach	Owner	20000
4118	Ramm	Owner	10000
4119	Nalli	Costello	2000
4120	Gillis	Wakellor	3000
4121	Sica	Owner	3000
4122	McCarthy	Owner	6000
4123	Bortfeld	Ross	6750
4124	Gafney	Kelley	12150
4125	Crane	O'Mara	1777
4126	Same	Keefe	2000
4127	Same	Central	1175
4128	6th Chr C. S.	Ralston	11242
4129	2006 Washington	Trost	113974
4130	Scatena	Ingraham	8960
4131	Wilson	Owner	6000
4132	St. Domonic's	Owner	390000
4133	Fossa "	Rossi	600
4134	Schell	Owner	10000
4135	Torre	Milana	5000
4136	Johnson	Owner	4000
4137	Heyman	Powell	6000
4138	Little	Owner	3500
4139	Parmalee	Peterson	2000
4140	Spiegel	Knudson	12000
4141	Ziemer	Owner	1200
4142	Grey	Federal	1500
4143	Petry	Owner	20000
4144	Lo Presti	King	18000
4145	Williams	Owner	18000
4146	Blum	Owner	155000
4147	McCarthy	Owner	6000
4148	Anderson	Owner	23200
4149	Thomas	Owner	7500
4150	Eisner	Taylor	30000
4151	Standard	Cahill	269000
4152	Voorhies	Owner	15000
4153	Summerfield	Coburn	4500
4154	Dowling	Owner	7000
4155	Thomas	Owner	7000
4156	Crocker	Owner	14200
4157	Anderson	Meyer	4000
4158	Anderson	Owner	12000
4159	Jacobs	Bernhardt	19700

RESIDENCE
(4072) W DEWEY BLVD. 200 N Montalvo. Two-story and basement frame residence.
Owner—Fred K. Perry, 591 6th Ave., San Francisco.
Architect—None. $6000

FACTORY
(4073) N FOLSOM 200 W Eighth. One-story concrete factory.
Owner—Geo. J. Zett, 1122 Folsom St., San Francisco.
Engineer—J. H. Hjul, 1122 Folsom St., San Francisco.
Contractor—J. H. Hjul, 1122 Folsom St., San Francisco. $5000

DWELLING
(4074) N McKINNON AVE 200 NW Newhall. One-story and basement frame dwelling.
Owner—P. P. Lammit and F. S. Cutajar, 1215 Mendell St., S. F.
Architect—None.
Contractor—F. S. Cutajar, 1215 Mendell St., San Francisco. $2750

OFFICE
(4075) SW RUSS 160 SE Howard. Two-story concrete office and factory.
Owner—J. H. Hjul, 1122 Folsom St., San Francisco.
Engineer—J. H. Hjul, 1122 Folsom St., San Francisco.
Contractor—J. H. Hjul, 1122 Folsom St., San Francisco. $5000

DWELLINGS
(4076) E TWENTY-SIXTH AVE 100 and 125 S Irving. Two one-story frame dwellings.
Owner—Max Kallo, 2565 Mission St., San Francisco.
Architect—None.
Contractor—C. Lindberg, 257 Surrey St., San Francisco. $4900 each

DWELLINGS
(4077) E TWENTY-FIFTH AVE 25 and 50 N Fulton. Two two-story and basement frame dwellings.
Owner—Bryan Feerick, 253 Downey St., San Francisco.
Plans by Owner. $5000 each.

APARTMENTS
(4078) W TWENTY-FIRST AVE 100 N Balboa. Two-story and basements frame (4) apartments.
Owner—John D. Bullwinkel, 714 22nd Ave., San Francisco.
Architect—Klaus Adler, 493 22nd Ave., San Francisco.
Contractor—Klaus Adler, 493 22nd Ave. San Francisco. $13,000

APARTMENTS
(4079) W TWENTY-SECOND AVE 200 N Geary. Two-story and basement frame (4) apartments.
Owner—Klaus Adler, 493 22nd Ave., San Francisco.
Plans by Owner. $12,000

DWELLINGS
(4080) S ALLSTON WAY 340, 375 and 525 E Claremont Blvd. Three one-story and basement frame dwellings.
Owner—Emil Nelson, 73 Allston Way, San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4900 each

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLINGS
(4081) S GRANVILLE WAY 405, 440, 475 and 510 E Claremount Blvd. Four one-story and basement frame dwellings.
Owner—Emil Nelson, 73 Allston Way, San Francisco.
Architect—Chas. F.Strothoff, 2274 15'th St., San Francisco. $4900 each

GARAGE
(4082) S MINNA 105 E Eighth. One-story frame private garage.
Owner—Mrs. Annie Lemcke, 16 Leskey St., San Francisco.
Architect—None.
Contractor—Botman & Henrickson, 739 Brannan St., San Francisco. $1000

DWELLINGS
(4083) S MADRID 50 AND 75 W Excelsior. Two one-story and basement frame dwellings.
Owner—A. B. Frank, 4609 Mission St., San Francisco.
Architect—None. $1900 each

BUILDING
(4084) SE MISSION 125 NE Brazil Ave NE 25xSE 83-6 Ptn Lot 4 Blk 2, Excl. Hd. Assn. All work for one-story frame building.
Owner—Lionel E. Peyser, 2447 26th Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor — Severin Steinauer, 109 Cornwall St., San Francisco.
Filed Nov. 1, '23. Dated Oct. 10, '23.
Roof on $1197.50
Rough plumbing in and 1st coat plaster on 1197.50
Completed 1197.50
Usual 35 days..... 1197.50
TOTAL COST, $4790.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(4085) E JULES AVE 110 N Grafton Ave N 25xE 112-6 Lots 10 and 11 Blk 22, Lakeview. All work for 5-room bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Plans by Contractor.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Nov. 1, '23. Dated Sept. 24, '23.
30 days after frame up..... 25%
30 days after brown coated... 25%
30 days after comp. & accept... 25%
Usual 35 days..... 25%
TOTAL COST, $4000
Bond, none. Limit, 90 days. Forfeit, $1. Plans and specifications filed.

APARTMENTS
(4086) SE PAGE AND OCTAVIA E 27-6xS 60. All work for three-story frame apartment building.
Owner—H. A. and Clara A. Berch, 909 Page St., San Francisco.
Architect—Vincent Buckley, 855 Monadnock Bldg., San Francisco.
Contractor—McCauley & Webec, 1152 Shotwell St., San Francisco.
Filed Nov. 1, '23. Dated Oct. 31, '23.
Enclosed $5333
Rough mortar an..... 5333
Completed 5334
Usual 35 days..... 6000
TOTAL COST, $22,000
Bond, $11,000. Surety, Maryland Casualty Co. Limit, 120 days. Forfeit, $10. Plans and specifications filed.

RESIDENCE
(4087) E WANDA 150 N Onondaga Ave 25x100. All work for one-story frame residence.
Owner—Rocco and Rocca Chiolo, 945 Greenwich St., San Francisco.
Architect—Gustave Stahlberg, Flatiron Bldg., San Francisco.
Contractor—Albert A. Hemmen, 140 Ellis St., San Francisco.
Filed Nov. 1, '23. Dated Oct. 20, '23.
Cash to be paid.....$1000
Bank mortgage 3000
Monthly installments of not less than $20..... 1000
TOTAL COST, $5000
Bond, limit, forfeit, none. Plans and specifications filed.

ALTERATIONS
(4088) S GREEN 80 W Stockton 57-6 x70-11¾. All work for alterations and additions to four-story and basement brick building
Owner—John Onesti, 645 Broadway San Francisco.
Architect — Louis Mastropasqua, 580 Washington St., San Francisco.
Contractor—Emil Ichters.
Filed Nov. 1, '23. Dated Aug. 27, '23.
Excavation, brick underpinning and concrete piers in.....$3545
Steel work at moving picture hall in 3545
Ready for 1st coat plasted..... 3545
Brown coated 3545
Ready for interior and exterior finish 3545
Completed and accepted..... 3550
Usual 35 days..... 7000
TOTAL COST, $28,275
Bond, $14,137. Sureties, C. Chiappa and Josephine Ichters. Limit, 100 days Forfeit, none. Plans and specifications filed.

BUILDING
(4089) COM. 114-6 W FROM N W Clay & Larkin N 127-8¼ x W 23. All work for 31story and basement frame building.
Owner—W. R. Proll, 1607 Clay St., San Francisco.
Architect—None.
Contractor—J. Farnocchia & Co., 1812 Powell St., San Francisco.
Filed Nov. 1, 1923. Dated Oct. 15, 1923.
Frame up $3195
Plumbing & electric wiring inspected 3195
White coated 3195
Completed and accepted 3195
Usual 35 days 4260
TOTAL COST, $17,040
Bond, $8520; Sureties, G. Mosca, L. Lombardi; Forfeit, none; Limit, 90 days; Plans and specifications filed.

APARTMENTS
(4090) S EIGHTEENTH ST. 75 W Valencia. 2-story frame apartments, (10).
Owner—A. H. Beetham.
Architect—G. A. Berger. 261 Valencia St., San Francisco.
Contractor—A. H. Beetham, 3555 18th St., San Francisco. $18,000

DWELLING
(4091) E LENARES AVE. 430 S 8th Ave. 2-story frame dwelling.
Owner—Lang Realty Co., 219 1st Natl. Bank Bldg., San Francisco.
Architect—H. Stoner, 219 1st Natl Bank Bldg., San Francisco.
Contractor—Lang Realty Co., 219 1st Natl. Bank Bldg., S. F. $6000

DWELLING.
(4092) W L TWENTIETH AVE. 100 S Taraval. 1-story and basement frame dwelling.
Owner—Parkside Realty Co 617 Crocker Bldg., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.
Contractor—Parkside Realty Co., 617 Crocker Bldg., S. F. $5000

FURNACES
(4093) 3535 WASHINGTON. Two gas furnaces for flats.
Owner—Charles Hirshfeld, 255 Russ Bldg., San Francisco.
Architect—None.
Contractor — Gas Heating Co., 3129 Geary St., San Francisco.
Filed Nov. 2, 1923. Dated Nov. 1, 1923.
Usual 35 days $2224
TOTAL COST, $2224
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

BUILDING
(4094) E CHURCH 65-1 S 25th St. 49 E 26 N 47-6 W 11-6 N 1-6 W 14-6. All work for 1-story frame building.
Owner—Mrs. J. Gonzales.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Nov. 2, 1923. Dated Oct. 31, 1923.
Roof sheathing on $2345
Brown coated 2345
Completed and accepted 2345
Usual 35 days 2345
TOTAL COST, $9380
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

ALTERATIONS
(4095) 3397 3399 CLAY ST. SE Walnut. Alterations to flats.
Owner—Helena N. Moore, 2688 Jackson St., San Francisco.
Architect—None.
Contractor—C. D. Harrell 2614 Pine St., San Francisco.
Filed Nov. 2, 1923. Dated Oct. 2, 1923.
Contractor to receive cost of labor and material furnished plus 20% on demand.
TOTAL COST, $5000
Bond, Sureties, Forfeit, Limit, Plans & specifications, none.

FLAT BLDG.
(4096) NE PRECITA AVE. 300 NW Shotwell NW 25 N 89 m or 1 E 25 m or 1 S 89-7¾ ptn. lot 81 pt lands. All work for 2-story and basement frame flat bldg.
Owner—Jos. & Maud E. Reiser.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Alfred H. Ohlsen.
Filed Nov. 2, 1923. Dated Oct. 23, 1923.
Rood on $2080
Brown coated 2080
Completed and accepted 2080
Usual 35 days 2080
TOTAL COST $8320.
Bond, $4160; Sureties, S. Steinberg and W. B. Jefferson; Forfeit, none; Limit, 90 days; Plans and specifications filed.

ALTERATIONS
(4097) NO. 45 POWELL. Alter store front and extend mezzanine floor.
Owner—Dave Silverstine, Premises.
Architect—None.
Contractor—Muller & Petersen, 243 7th St., San Francisco. $6000

ALTERATIONS
(4098) NW SIXTEENTH AND VALencia Sts. Metal lathing, furring, ornamental plaster, Caen stone, etc., for alterations and additions to Mission Savings Bank.
Owner—The Mission Savings Bank, Premises.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.
Contractor—Thos. Carroll, 180 Jessie St., San Francisco.
Filed Nov. 3, '23. Dated Oct. 29, '23.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4985
Bond, $2493. Sureties, A. Lynch and Michael Carroll. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

DWELLINGS
(4099(W ARMY160, 186-6 and 213-4 S Noe. Three one-story and basement frame dwellings.
Owner — Margaret Grant, 131 Beaver St. San Francisco.
Plans by Owner. $1990 each.

FRAME FLATS
(4100) N BALBOA 102-6 W Fifteenth Ave. Two-story and basement frame (2) flats.
Owner—Gustaf R. Johnson, 3615 17th St., San Francisco.
Architect—None. $8000

DWELLINGS
(4101) NW CAYUGA AND ST. YNEZ and N St. Ynez 25 and 50 W Cayuga. Three one-story and basement frame dwellings.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000 each

GARAGE
(4102) NO. 875 CHESTNUT. One-story concrete private garage.
Owner—Douglas Cushman, Premises.
Architect—None.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco. $1850

DWELLING
(4103) E FORTY-THIRD AVE 100 S Judah. One-story and basement frame dwelling.
Owner—F. Malloy, 24th Ave., S. F.
Architect—A. J. Rushton, Berkeley.
Contractor — Thomas M. Jones, 3767 Army St., San Francisco. $2500

FLATS
(4104) E FIFTH AVE 175 S Irving Two-story and basement frame (2) flats.
Owner—Fred Fiske, 1363 8th Ave., San Francisco.
Architect—None. $7500

FLATS
(4105) NO. 1785 HOWARD. New 5-ply T. & G. roof for flats; painting plastering and tinting.
Owner—Mr. Gallagher, 1875 Howard St. San Francisco.

Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $2500

GARAGE
(4106) N MONTEREY BLVD, 25 E Forester. One-story reinforced concrete public garage.
Owner—Tony Molonarie and Gus Dannati, Monterey and Forester Ave., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—J. K. Anderson, 145 Majestic St., San Francisco. $2500

ADDITION
(4107) NO. 238 SHRADER. Three-room apartment addition.
Owner—Chas. Spengemann, 778 20th Ave., San Francisco.
Architect—None.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco. $2000

DWELLINGS
(4108) E TWENTY-FOURTH AVE 143-6 and 168-6 S Balboa. Two two-story and basement frame dwlgs.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $4000 each

STORE
(4109) S UNION 87 E Webster. One-story frame store.
Owner—Samuel H. Levin, Inc., Chronicle Bldg, San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor — G. B. Pasqualetti, 2330 Larkin St., San Francisco. $9000

STORE
(4110) S UNION 87 E Webster. One-story frame store.
Owner—Samuel H. Levin, Inc., Chronicle Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor — G. B. Pasqualetti, 2330 Larkin St., San Francisco. $6000

DWELLING
(4111) E EIGHTEENTH 80 S Capp. One-story and basement frame dwelling.
Owner—Martin Larson, 2911 16th St, San Francisco.
Architect—Chas. F. Strothoff, 2274 -5th St., San Francisco.
Contractor—Herman Wolter, 2222 Fillmore St., San Francisco. $4000

STORES
(4112) NE HOWARD AND THIRD. Construct new front for stores.
Owner—Fred Hechter, 529 Market St., San Francisco.
Architect—None.
Contractor—Freche & Portello, 620 Merchant St., San Francisco. $2585

DWELLING
(4113) N HOLLISTER 225 E Jennings. One-story and basement frame dwelling.
Owner—Clement Furni, 1502 Hollister St., San Francisco.
Designer—T. A. Sourich, 1733 Palou Ave., San Francisco. $3000

FRAME FLATS
(4114) W SCOTT 62-6 S Page. Two-story and basement frame (2) flats.
Owner—T. J. O'Connor.
Architect—None.
Contractor—Louis Johnson, 2260 19th Ave., San Francisco. $8000

ALTERATIONS
(4115) NE GRANT AVE. AND O'FARRELL. Fill in open spaces in mezzanine and attic floors; fireproof steel frame with metal lath and plaster; cement floor finish; metal lath and plaster ceilings.
Owner—Union Trust Co., Premises.
Engineer — T. Ronneberg, Crocker Bldg., San Francisco.
Contractor — Larsen & Siegrist Co., Claus Spreckels Bldg., S. F. $35,000

MFG. PLANT.
(4116) NW FOLSOM 75 NE Ninth. One-story reinforced concrete manufacturing plant.
Owner—Jennie Perry, 1332 Lombard St., San Francisco.
Architect—None.
Contractor—The Helbing Co., 1332 Lombard St., San Francisco. $12,000

ALTERATIONS
(4117) NO. 534 BATTERY. Construct rest room for employees; add mezzanine floor; fireproof ceilings of existing floors for stock room and offices.
Owner—Zellerbach Paper Co., % Architect.
Architect — O'Brien Bros., Inc., 315 Montgomery St., San Francisco. $20,000

FRAME FLATS
(4118) E CHURCH 130 N Twenty-second. Two-story and basement frame (2) flats.
Owner—Herman E. Ramm, 937 Church St., San Francisco.
Architect—A. W. Richardson, 941 Church St., S. F. $10,000

ALTERATIONS
(4119) NO. 3822 FOLSOM. Raise dwelling for private garage and construct 2-room addition.
Owner—Antonio Nalli.
Architect — A. W. Richardson, 941 Church St., San Francisco.
Contractor—Joe Costello, 411 Banks St., San Francisco. $2000

DWELLING
(4120) N HOLLY PARK 35 W Newman. One and one-half-story and basement frame dwelling.
Owner—Martha Gillis, 465 California St., San Francisco.
Architect—None.
Contractor—Wakellor & Son, 557 Divisadero St., San Frtncisco. $3000

DWELLING
(4121) N MAGELLAN 100 W Lane. One story and basement frame dwlg.
Owner—Guiseppe Sica, 1627 Wallace Ave., San Francisco.
Architect—Antone Petersen and E. A. Hermann, Associated, 2770 San Bruno Ave., S. F. $3000

DWELLINGS.
(4122) W THIRTY-SIXTH AVE 250 and 275 S Lincoln Way. Two one-story and basement frame dwlgs.
Owner—John E. McCarthy, 1479 12th Ave., San Francisco.
Architect—None. $3000 each

BUILDING
(4123) E EIGHTEENTH AVE. 260 N Judah N 25 x E 120. All work for building.
Owner—Helen B. H. & Ernest Bortfeld.
Plans by owner.
Contractor—D. W. Ross, 180 Jessie St., San Francisco.
Filed Nov. 5, 1923. Dated No. 5, 1923.
Frame completed $1687.50
Brown coated 1687.50
Completed and accepted 1687.50
Usual 35 days 1687.50
TOTAL COST, $6750
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

FLATS
(4124) S SEVENTEENTH 134-6¼ E Church S 98-4¼ E 30-0⅝ N 96-9¼ W 30. All work for 2-story frame (flats) building.
Owner — Winifred L. Gaffney, 824 Castro, San Francisco.
Architect—Geo. H. Wiemeyer, 76 Eureka St., San Francisco.
Contractor—Robert H. Kelly, 57 Grattan St., San Francisco.
Filed Nov. 5, 1923. Dated Aug. 30, 1923.
Concrete found. in, rough frame and roof on $3037
Enclosed & white coated 3037
Completed and accepted 3038
Usual 35 days 3038
TOTAL COST, $12,150
Bond, Sureties, Forfeit none; Limit, 90 days; Plans and specifications filed.

HEATING, ETC.
(4125) NE NEW MONTGOMERY AND Jessie. Heating and ventilating system in basement and 1st story of Sharon Bldg.
Owner—Crane Co., 2nd & Brannan Sts., San Francisco.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—J. E. O'Mara Co., 445 Minna St., San Francisco.
Filed Nov. 5, 1923. Dated Oct. 18, 1923.
Work 50% completed 40%
Work 75% completed 35%
Usual 35 days 25%
TOTAL COST, $1877
Bond, $939; Sureties, Chas. E. Gee and M. S. Sprague; Forfeit, none; Limit, 45 days; Plans and specifications filed.

PAINTING ETC.
(4126) NE NEW MONTGOMERY AND Jessie. Painting, canvasing, polishing, etc. of Exhibit Room in Sharon Bldg.
Owner—Crane Co., 2nd and Brannan Sts., San Francisco.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—J. H. Keefe Co., 1442 Bush St., San Francisco.
Filed Nov. 5, 1923. Dated Oct. 20, 1923.
When 50% completed 40%
Completed and accepted 35%
Usual 35 days 25%
TOTAL COST, $2000
Bond, $1000; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, 45 days; Plans, none; Specifications filed.

(4127) ELECTRICAL WK ON ABOVE
Contractor—Central Electric Co., 185 Stevenson St., San Francisco.
Filed Nov. 5, 1923. Dated Oct. 18, 1923.
Payments same as above.
TOTAL COST, $1175
Bond, $587.50; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit 45 days; Plans and specifications filed.

CHURCH
(4128) SE DIVISADERO AND CLAY — 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Structural steel work for one-story, mezzanine and basement brick building.
Owner—Sixth Church of Christ Scientist.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—Ralston Iron Works, 20th and Indiana Sts., San Francisco.
Filed Nov. 6, '23. Dated Oct. 23, '23.
Work delivered on premises.$4215.75
Completed and accepted..... 4215.75
Usual 35 days..... 2810.50
TOTAL COST, $11,242.00
Bond, $5621. Surety, United States Fidelity & Guaranty Co. Limit, 60 days. Forfeit, $30. Plans and specifications filed.

CONCRETE BLDG.
(4129) N WASHINGTON 68-9 W Gough W 133-9xN E 92-6 N 2 E 41-3 S 129-8¼. Excavation, concrete, carpenter and mill work, composition flooring, brick work, roofing, ornamental iron, sheet metal, etc., for ten-story basement and attic reinforced concrete building.
Owner—Two Thousand and Six Washington Street, Inc.
Architect — C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Contractor — Robert Trost, 26th and Howard St., San Francisco.
Filed Nov. 6, '23. Dated Sept. 19, '23.
On 2nd of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $143,974
Bond, $71,987. Surety, Fidelity & Deposit Co. of Maryland. Limit, 125 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(4130) W BAKER 57-6 N Lombard N 27-6xW 82-6. All work except electric work, plumbing, gas fitting painting, paperhanging, finish hardware, electric fixtures and shades for two-story and basement frame residence.
Owner—Teresa and Frederick N. Scatena and Camille Martini, 2147 Greenwich St., San Francisco.
Architect—W. H. Armitage, Call Bldg., San Francisco.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco.
Filed Nov. 6, '23. Dated Nov. 1, '23.
Rough frame up.....$2240
Brown coated 2240
White coated 800
Completed and accepted..... 1440
Usual 35 days..... 2240
TOTAL COST, $8960
Bond, $1480. Surety, New Amsterdam Casualty Co. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

DWELLINGS
(4131) E ASHTON AVE 125 and 150 N Grafton. Two one-story and basement frame dwellings.

Owner—Oscar Wilson, 1505 11th Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000 each

CHURCH
(4132) NE BUSH & STEINER STS. Class A church building.
Owner—St Domonic's Priory of S. F., 2390 Bush St., San Francisco.
Architect—Beezer Bros., 1915 Steiner St., San Francisco.
Contract not let. $390,000

FRAME FLATS
(4133) N CHESTNUT 137 W Octavia. Two-story and basement frame (2) flats.
Owner—G. Fossa, 1799 Filbert St., San Francisco.
Architect—None.
Contractor—Frank Rossi, 1799 Filbert St., San Francisco. $6000

MFG. PLANT
(4134) W ELEVENTH 63-9 S Howard. One-story brick light manufacturing plant.
Owner—Samuel Schell, 180 Jessie St., San Francisco.
Architect—None. $10,000

GARAGE
(4135) S FRANCISCO 110 E Taylor. One-story concrete private garage.
Owner — P. Torre, 549 Bay St., San Francisco.
Architect—Paul F. De Martini, 946 Broadway St., San Francisco.
Contractor—B. Milano. $5000

DWELLING
(4136) NW FULTON AND THIRTY-third Ave. One-story and basement frame dwelling.
Owner—S. F. Johnson, 5750 Fulton St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

DWELLINGS
(4137) E FORTY-SIXTH AVE 175 and 175 N Lawton. Two one-story and basement frame dwellings.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—None.
Contractor—Wm. Powell, 742 Market St., San Francisco. $3000 each

DWELLING
(4138) E FORTY-SECOND AVE 175 S Balboa. One-story and basement frame dwelling.
Owner—M. Little, 1353 5th Ave., S. F.
Architect—None. $3500

ALTERATIONS
(4139) NO. 33 GRANT AVE. Install new show windows; raise rear portion of mezzanine floor.
Owner—Parmalee Art Co., 29 Stockton St., San Francisco.
Architect—None.
Contractor—Antone Petersen, 2770 San Bruno Ave., San Francisco. $2000

APARTMENTS
(4140) N LOMBARD 137-6 W Van Ness Ave. Two-story and basement frame (4) apartments.
Owner—C. W. Spiegel, 1153 Pacific St., San Francisco.
Architect—None.
Contractor—Fred Knudsen, 1153 Pacific St., San Francisco. $12,000

ALTERATIONS
(4141) NO. 1725 LAKE. Raise 3-room cottage to 8-ft.; construct cement foundation and cement floor.
Owner—Otto Ziemer, Premises.
Architect—None. $1200

MARQUISE
(4142) NO. 275 O'FARRELL. Erect marquise for restaurant.
Owner—J. E. Grey, 275 O'Farrell St., San Francisco.
Architect—None.
Contractor — Federal Electric Co., 91 New Montgomery St., S. F. $1500

APARTMENTS
(4143) N PAGE 156-3 E Pierce. Three story and basement frame (9) apartments.
Owner—Adolph Petry, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $20,000

APARTMENTS
(4144) N PAGE 65 E Buchanan. Three story and basement frame (6) apartments.
Owner—Louis Lo Presti, 825 Monadnock Bldg., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—W. S. King, Hearst Bldg., San Francisco. $18,000

DWELLINGS
(4145) S STAPLES 275, 308-4, 341-8, 375, 408-4 and 441-8 E Edna. Six one-story and basement frame dwellings.
Owner—R. J. Williams, 327 Monadnock Bldg., San Francisco.
Architect—None. $3000 each

APARTMENTS
(4146) N SUTTER 165-10 W Hyde. Six-story and basement concrete Class C (47) apartments.
Owner—Luis Blum.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $155,000

DWELLINGS
(4147) W THIRTY-SIXTH AVE 250, and 275 S Lincoln Way. Two one-story and basement frame dwlg.
Owner—John E. McCarthy, 1479 12th Ave., San Francisco.
Architect—None. $3000 each

DWELLINGS
(4148) E THIRTY-THIRD AVE 250, 275, 300 and 325 S Balboa. Four two-story and basement frame dwellings.
Owner—A. V. Anderson, 632 21st Ave., San Francisco.
Architect—None. 5800 each

FLATS
(4149) S BALBOA 77-6 W 15th Ave. 2-story & basement frame (2) flats.
Owner—J. C. Thomas, 5429 Geary St., San Francisco.
Architect—None. $7500

RESIDENCE
(4150) S BROADWAY 125 W Baker. 2-story and basement frame residence.
Owner—Milton D. Eisner, 530 Funston Ave., San Francisco.
Architect—G. Albert Lansburgh, 140 Montgomery St., S. F.
Contractor—Taylor & Jackson, 290 Tehama St., S. F. $30,000

WAREHOUSE
(4151) NW BRANNAN AND NINTH Streets. 5-story and basement reinforced concrete warehouse.
Owner — Standard Sanitary Manufacturing Co., 351 Sutter St., S. F.
Architect — Weeks & Day, 315 Montgomery St., San Francisco.
Contractor—Cahill Bros., Sharon Bldg. San Francisco. $269,000

APARTMENTS
(4152) N FULTON 83-10 W Masonic Ave. 3-story and basement frame (6) apartments.
Owner—W. R. Vorhies, 12 Loyola Terrace, San Francisco.
Architect—None. $15,000

ROOF, ETC.
(4153) 1207 GOUGH STREET. Place standing seam tin roof; paint plastering; tinting, etc., for residence.
Owner—H. Summerfield, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St San Francisco. $4500

FLATS
(4154) E TWENTY-FOURTH AVE. 93-6 S Balboa. 2-story and basement frame (2) flats.
Owner—J. F. Dowling, 271 Russ Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $7000

FLATS
(4155) S BALBOA 102-6 W 15th Ave. 2-story & basement frame (2) flats
Owner—J. C. Thomas, 5429 Geary St., San Francisco.
Architect—None. $7000

DWELLINGS
(4156) W CORDOVA 30 55 80 105 S Munich. 4 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3800 each

DWELLING
(4157) NW THIRTY-THIRD AVE. & Cabrillo. 1-story and basement frame dwelling.
Owner—Jonathan Anderson, 423 16th Ave., San Francisco.
Architect—None.
Contractor — Meyer Bros., 5326 Geary St., San Francisco. $4000

DWELLINGS
(4158) W THIRTY-THIRD AVE. 25 50 75 N Cabrillo. 3 1-story and basement frame dwellings.
Owner—Jonathan Anderson, 423 16th Ave., San Francisco.
Architect—None. $4000 each

APARTMENTS
(4159) N SEVENTEENTH 191 E Church. All work for two-story and basement frame (4) apartments.
Owner—Samuel and Rose L. Jacobs, 3667 17th St., San Francisco.
Architect—N. W. Mohr.
Contractor—A. Bernhardt, 4440 20th St., San Francisco.
Filed Nov. 7, 1923. Dated Oct. 26, 1923.
Frame up $4925
Plastered 4925
Completed 4925
Usual 35 days 4925
TOTAL COST, $19,700
Bond, none. Limit, 120 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Nov. 1, 1923—S SUTTER 217-6 E Montgomery E 57-6 S 119-4½ m or l SW 71-10½ N 159-9⅞ m or l to beg. Provident Securities Co to Palace Hardware Co...Oct 28, 1923

Nov. 1, 1923—N CABRILLO 82-6 W Eighteenth Ave W 25xN 100. Anthony Vouyoukles to Thos. Hamill .....Oct. 31, 1923

Nov. 1, 1923—LOT 17 BLK 3166 and Ptn Lot 18 Blk 3166, Westwood Park. Hans and Esther E Nelson to whom it may concern..... .....October 29, 1923

Nov. 1, 1923—W SIXTEENTH AVE. 200 S Judah S 25 x N 120. Julia M. Elkington to George J. Elkington .....Nov. 1, 1923

Nov. 1, 1923—SE POLK & CHESTnut 50 on Polk x 68-9 on Chestnut. Jennie Perry to Helbing Co..... .....Nov. 1, 1923

Nov. 2, 1923—E ASHTON AVE 200 N Halloway Ave N 25xE 112-6 Lot 14 Blk 26, Lakeview. Morris Langfelder to Gustave Benson..Oct. 25, '23

Nov. 2, 1923—LOT 58 BLK. bded by Stevenson, 5th, Jessie and 6th Sts. Pacific Gas & Electric Co to P Montague.....Oct. 24, 1923

Nov. 2, 1923—W EIGHTEENTH AV 145 N Irving W 120 S 50 E 120 N 50. W P Nolan and Thos D Quigley to Higgins & Kraus, Harvey Enlowe and Progressive Tile Co.. .....Nov. 1, 1923

Nov. 2, 1923—LOTS 30 AND 31 and E 12-6 Lot 29 Blk 27, Lakeview. Fred E and Antoinette M Grant to H E Hansen.....Sept. 22, 1923

Nov. 2, 1923—E FORTY-FOURTH Ave 100 N Cabrillo N 90xE 120. Benjamin Schnier to whom it may concern.....Nov. 1, 1923

Nov. 2, 1923—S FOLSOM 18-4 E Hampton Place 66-8 hy irregular depth. R L Anderson to James H Hjul.....Oct. 30, 1923

Nov. 2, 1923—S O'FARRELL 91-6 E Larkin. Pierre and Catherine Bordegaray to Mattock & Feasey .....Oct. 27, 1923

Nov. 2, 1923—NW BATTERY AND Sacramento W 275xN 119-6. Federal Reserve Bank to Western Iron Works.....Oct. 27, 1923

Nov. 2, 1923—E THIRTY-FOURTH Ave 175 N Balboa N 25xE 120. David Leigh to whom it may concern.....Nov. 2, 1923

Nov. 2, 1923—E GRANADA AVE 125 S Grafton Ave 74 Granada Ave. Thorir Jacobson to Johnson S Erlendson .....

Nov. 2, 1923—E TAYLOR 63-6 S Broadway. Paul J Lanson to Mattock & Feasey.....Oct. 27, 1923

Nov. 2, 1923—E FORTY-SIXTH AVE 150 N Cabrillo N 50xE 120. Clell R Robb to Meyer Bros....Nov. 1, 1923

Nov. 2, 1923—SE GEARY AND 24TH Ave 32-6x100. Costello and Angelina Pastore to Christiansen Broh .....Nov. 2, 1923

Nov. 2, 1923—SW BUSH AND Sansome S 137-6 W 206-3 N 137-6 E 206-3. Standard Oil Co to Pneumatic Tube Supply Co, Oct. 23; Dahlstrom Metallic Door Co..... .....October 24, 1923

Nov. 2, 1923—NO. 556-566 CLAY ST., bet. Sansome and Montgomery Sts. Western California Fish Co to Clarence M Moore and M P Madsen.....Oct. 31, 1923

Nov. 2, 1923—S BUCHANAN 82-6 S California S 55 W 81-6 N 55 E 81-3. Nola Tatum to whom it may concern.....Nov. 2, 1923

Nov. 2, 1923—S BALBOA 107-6 W Sixteenth Ave W 50xS 100. John C Thomas to whom it may concern .....Nov. 2, 1923

Nov. 2, 1923—N CHESTNUT 112-6 E Gough N 137-6xE 25. Archille and Sadie Ragghianti to Fred S Johnson.....Nov. 2, 1923

Nov. 2, 1923—SE IRVING AND LA Playa. Charlotte and John Brumuna to H A Klyce....Oct. 23, 1923

Nov. 2, 1923—SE BRYANT 275 SW Fifth SW 35xSE 122-5. Wm G Gilmore to George Wagner..Nov. 2, 1923

Nov. 2, 1923—COM AT INT. S LINE Miranda Grant with W Lyon W 92.07 N 277.87 E 57-9 S 279.84. Carlo Matraia to Fontanelli & Teza Oct. 31; Frank W Phillips, Nov. 2, C J Hillard Co.....Oct. 19, 1923

Nov. 2, 1923—NW CLEMENT AND Twenty-ninth Ave. N 25xW 65; N Anza 57-6 W 17th Ave W 25xN 120; W 29th Ave 25 N Clement N 75xW 65; W 29th Ave 100 N Clement N 25 xW 120. Costello Bros to whom it may concern.....Nov. 1, 1923

Nov. 3, 1923—N DORLAND 175 W Dolores N 100 E 25 S 101-6 m or l W 25-2⅞. C O Clausen to whom it may concern.....Nov. 3, 1923

Nov. 3, 1923—N DORLAND 150 W Dolores N 101-6 m or l E 25 S 103 m or l W 25-2⅞ m or l to beg. Elling Ellingson to whom it may concern.....Nov. 3, 1923

Nov. 3, 1923—LOT 22 BLK 6468-A in Daniels & Harder Mission Tract. Morrill Estate Inc to whom it may concern.....Nov. 3, 1923

Nov. 3, 1923—LOT 10 and S 5 ft. Lot 9 Blk 6468-B Daniels & Harder Mission Tract. Victor Holmgren to whom it may concern...Nov. 3, 1923

Nov. 1, 1923—W EIGHTEENTH AVE 275 N Fulton N 75xW 120. Michael McDonough to whom it may concern .....Nov. 1, 1923

Nov. 5, 1923—E TWENTY-FIFTH AV 275 N Fulton 25x120. Bryan Ferrich to whom it may concern.Nov. 5, 1923

Nov. 5, 1923—W SEVENTH 105 N Harrison N 75 W 85 S 25 W 75 S 50 E 160. The Lurie Co to Vukicevich & Bagge.....Nov. 1, 1923

Nov. 5, 1923—NO. 735 FORTY-FIRST Ave W side 200 S Balboa. Wm S Simonds to whom it may concern.. .....Nov. 3, 1923

Nov. 5, 1923—LOTS 6 AND 7 BLK A Mission Terrace. Walter E Hansen to whom it may concern.... .....Nov. 2, 1923

Nov. 5, 1923—SE ROLPH & CURTIS 59 on Rolph with irregular depth Lots 1 and 2 Blk 5, Crocker Amazon Tract. John Bjorkman to whom it may concern.....Nov. 1, 1923

Nov. 5, 1923—S JACKSON 80 E Webster E 50-6xS 127-6. Jos Sockolov to whom it may concern.Nov. 5, 1923

Nov. 5, 1923—W GRANADA AVE 300 N Holloway Ave N 25xW 112-6 Lot 56 Blk 10, Lakeview. Oscar L Erickson to whom it may concern .....Oct. 12, 1923

Nov. 5, 1923—N PRAGUE 160 from Naylor 28x100. Theodora and T J Houweling to whom it may concern .....Nov. 2, 1923

Nov. 5, 1923—S COLLEGE AVE 196.6 W Mission W 25x95. Charles H Lindman to S Saari.....Nov. 3, 1923

Nov. 6, 1923—S FULTON 181-3 E Cole E 25. E A Haren to whom it may concern.....Nov. 6, 1923

Nov. 6, 1923—N Monterey Blvd. 126-8, 100 and 153-4 E Edna E 26-8xN 100 Ptn Blk 21, Sunnyside. Anders M Boe to whom it may concern.... .....Nov. 5, 1923

Nov. 6, 1923—W MIRAMAR AVE 280 N Grafton Ave. Thorir Jacobson to Johnson & Erlendson.....

Nov. 6, 1923—E NINETEENTH AVE 125 N Noriega N 100xE 125. Edward D Swift to whom it may concern.....Nov. 6, 1923

Nov. 6, 1923—E THIRTY-FOURTH Ave. 275 N Balboa N 25 x E 120. I. B. Arkwright & Jas. H. Conners; to Meyer Bros.....Nov. 1, 1923

Nov. 6, 1923—LOTS 6 & 7 BLK 33 Forest Hill, Ingeborg Magnuson, Hilda Peterson to whom it may concern .....Nov. 6, 1923

Nov. 6, 1923—LOT 43 BLK 26 Lakeview. Sigurd Larsen to whom it may concern .....Nov. 6, 1923

Nov. 7, 1923—NW DERBY & MASON N 60xW 77-6. Spring Valley Water Co to C J Hillard Co, Pacific Rolled Metals Co and Raymond Granite Co.....Nov. 7, 1923

Nov. 7, 1923—SE MISSION 132-3¾ NE Fifth NE 50xSE 160. Henry R and Selby Mohr to Hannah Bros. (3 Completion Notices).Nov. 7, 1923

Nov. 7, 1923—W TWENTY-FIRST Ave 200 S Lake S 25xW 120. Adolph C Wolf to McIntosh Bros..... .....October 31, 1923

Nov. 7, 1923—N ANZA 60 E 28th Ave E 25xN 100. Thos Hamill to whom it may concern.....Nov. 7, 1923

Nov. 7, 1923—S JACKSON 162-6 E Broderick E 43-6xS 127-8¼. Leo H Susman and A Tonn to G P W Jensen.....Nov. 1, 1923

Nov. 7, 1923—W EIGHTEENTH AVE 400 N Fulton N 50x120. Edw E Manseau to whom it may concern .....Nov. 6, 1923

Nov. 7, 1923—E TWENTIETH AVE. 25 N Kirkham N 50xE 95. Charles and Christian Andersen to whom it may concern.....Nov. 7, 1923

Nov. 7, 1923—N GEARY 80-11 W Twenty-fifth Ave W 25xN 100. Mary A M and Michael D Hardiman to whom it may concern....Nov. 7, 1923

Nov. 7, 1923—LOTS 42 AND 43 Crocker Amazon Tract. C Lindberg to whom it may concern.... .....Nov. 6, 1923

Nov. 7, 1923—SW HARRY & LAIDLEY. John H Benham to George M Merritt, Inc.....Nov. 6, 1923

Nov. 7, 1923—S CABRILLO 90 W Thirty-third Ave W 30xS 93. J F Dowling to whom it may concern .....Nov. 5, 1923

Nov. 7, 1923—N ELLIS 171-10½ W Powell W 34-4½xN 137-6. Walter H Sullivan to Barrett & Hilp..... .....Nov. 6, 1923

Nov. 7, 1923—N ELLIS 171-10½ W Powell W 34-4½xN 137-6 Walter H Sullivan to Scott Co..Oct. 29, 1923

Nov. 7, 1923—S GEARY 85 W 42nd Ave 30x100. Hans Nielsen to whom it may concern.....Nov. 7, 1923

Nov. 7, 1923—LOT ON W TWENTY-Eighth Ave 318 N Cabrillo 26x120. Gustaf S Nielsen to whom it may concern.....Nov. 7, 1923

Nov 7, 1923—LOT ON E TWENTIETH Ave 225 S Anza. Julius M Schlesinger to P A Nelson..... —

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

Nov. 1, 1923—E McCORMICK 75 S Pacific Ave S 21-6. Daniel Hayes vs M Brown and J Grady..... $215

Nov. 1, 1923—N FIFTEENTH AVE 175 S Cabrillo S 25xW 127-6; W 15th Ave 200 S Cabrillo S 25xW 127-6. Vitrolite Constr Co vs Thore I and Tonder B Strand.....$1232

Nov. 2, 1923—S HOLLOWAY bet. Ashton and Jules 87-6 E Ashton. Ginsberg Tile Co vs S E Grant and H E Hansen $90.30

Nov. 1, 1923—E McCORMICK 75 S Pacific Ave S 21-6xE 58-4. Daniel Hayes vs M Brown and Jone Doe Grady $215

Nov. 2, 1923—W CURTIS 250 N Rolph N 37-6x107 Ginsberg Tile Co vs A Orlandi and H E Hansen.. .....$65.82

Nov. 3, 1923—NW BUSH & STEINER W 244xN 150. Steelform Contracting Co vs St. Dominic's Priory and Daniel C McCabe.....$1900

Nov. 3, 1923—NW BUSH & STEINER N 155xW 260. T I Butter Co vs Dominics Priory of S. F., Daniel C McCabe, Andrew Lynch, John Doe McDonald $2366.75

Nov. 3, 1923—NW BUSH & STEINER N 155 S 260 S 155 E 260. Joost Bros vs D C McCabe and St. Dominic's Priory.....$323.86

Nov. 3, 1923—NW BUSH & STEINER N 155 m or l W 265 m or l S 155 m or l E 265. John Cassaretto vs D C McCabe and St. Dominic's Priory. $1111.25

Nov. 3, 1923—NW BUSH & STEINER W 244xN 150. Macdonald Lumber Co, $1999.15; Gunn-Carle & Co, $5311.25 vs St. Dominic's Priory & Daniel C McCabe .....

Nov. 5, 1923—NE EUGENIA AVE & Elsie. Eaton & Smith vs Mary Fitzgerald $378.44

Nov. 7, 1923—W MIRAMAR AVE 175 N Holloway Ave N 25xW 112-6. B F Dolan vs Louis J and Annie Ginder and J R Morrison.....$243

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Nov. 1, 1923—S BUSH 186 W STEINER W 36-6 x S 137-6. Atlas Heating and Ventilating Co. to George A. Williams, Annie & Gus Berndt $762.50

Nov. 2, 1923—SE PACIFIC AND Taylor S 30xE 90. Bertha Gottlieb Extx Est. Paul Gottlieb, decd. as Schwarz & Gottlieb to Luis Blum $338.37

Nov. 7, 1923—NW HOWARD 215 SW Eleventh SW 46.93 NW 80 NE 58.32 SE 78.41 m or l. P O Lind to Fred S Johnson and Eugenio Erigero..

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Nov. 2, 1923—N SACRAMENTO 68-9 W Montgomery W 21-5xN 60. Meurice Eliaser as to improvements on property .....

Nov. 2, 1923—NW MARKET 675 NE Marshall Sq. NE 25xNW 100. Theodore J H and Emil J Lubbe as to improvements on property.....

Nov. 6, 1923—W GRANT AVE 117-6 N O'Farrell N 20xW 91-0¾. Frences Lichenstein as to improvements on property.....

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Nov. 2, 1923—N PAGE 131-3 W Scott W 25xN 137-6. Erma Wallace with Anton Vsnik. Work ceased.. .....Sept. 10, 1923

RELEASE OF BUILDING CONTRACT

SAN FRANCISCO COUNTY

Nov. 5, 1923—E EIGHTEENTH AVE 260 N Judah N 25xE 120. Helen B H and Ernest Bortfeld with D W Ross .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
5131	Burnham	Koski	2000
5132	McAvoy	Rennels	7000
5133	Schneider	White	2500
5134	Zimmer	Owner	4000
5135	MacGregor	Owner	4950
5136	MacGregor	Owner	4900
5137	Smedman	Wallin	1800
5138	Squires	Martin	9500
5139	Warner	Owner	2000
5140	Warner	Owner	8000
5141	MacGregor	Owner	3950
5142	Bellington	Owner	2500
5143	Leighton	MacGregor	4450
5144	Bardwell	Owner	5000
5145	Patterson	Tapper	2000
5146	Taylor	Owner	7000
5147	Perkins	Lyon	3250
5148	Anderson	Owner	13500
5149	Hinch	Owner	3250
5150	Rudell	Richey	2800
5151	Moe	Owner	4900
5152	MacDonald	Owner	1500
5153	White	Owner	2000
5154	Leighton	MacGregor	18150
5155	Saroni	Pond	17000
5156	Stolte	Owner	8850
5157	Cassow	Gaubert	20000
5158	Lavagetti	Vaughn	13224
5159	Road	Interlocking	10000
5160	Cords	Cords	5000
5161	Longard	Cross	3700

5162	Brewer	Owner	5000
5163	Kennedy	White	6800
5164	Dort	Crane	5000
5165	Blake	Peters	2500
5166	Veness	Fox	6000
5167	Donnelly	Thaxter	9000
5168	Smith	Owner	5000
5169	Morris	Norris	2000
5170	Alameda	Owner	2750
5171	Alameda	Owner	7250
5172	Hassler	Campomenosi	4500
5173	Marquis	Owner	7250
5174	Sheath	Calif.	15000
5175	Moon	Rose	11500
5176	Morris	Owner	2000
5177	Klum	Baird	6800
5178	Anderson	Tullock	2700
5179	Kadick	Thomas	2000
5180	Cron	Pedgrift	5000
5181	Nathanson	Owner	27500
5182	Augell	Owner	1500
5183	Castores	Anderson	3400
5184	Flagg	Owner	4000
5185	Cunes	Bertoldi	3000
5186	Petersen	Petersen	3000
5187	Andrews	Owner	3000
5188	Woodard	Owner	8000
1589	Van Hacht	Designers	4000
5190	Madison	Mason	4000
5191	Martin	Berkeley	5000
5192	Edwards	Jones	3000
5193	Heister	Blethroad	5000
5194	Hansen	Rogers	4000
5195	Crafster	Barham	7500
5196	Andersen	Owner	3500
5197	Christensen	Jensen	4000
5198	Sutch	Sandus	3500
5199	Melrose	Foreman	2450
5200	DeFreitas	Williams	2800
5201	Ayers	Owner	2000
5202	Knapp	Knapp	15000
5203	Potter	Sommarstrom	12500
5204	De Chaine	Owner	2500
5205	Vollmer	Falk	3000
5206	Beasley	Owner	3400
5207	Hughes	Owner	3000
5208	Eide	Baerner	1500
5209	Hersh	Peterson	1000
5210	Kingsley	Bertelsen	10280
5211	Bradshaw	Bradshaw	270000
5212	Moore	Nibel	3500
5213	Cofer	Owner	3500
5214	Hughes	Davis	1850
5215	Spunt	Owner	7000
5216	Alder	Owner	3500
5217	Guildo	Parks	3400
5218	Paolini	Bigley	3500
5219	Wynbladh	Johnson	5000
5220	Newley	Oakland	2000
5221	Gooch	Byers	3750
5222	Oliver	Chambers	2000
5223	Leonard	Owner	14000
5224	Glantz	Owner	1000
5225	R C Archb.	Furlong	8000
5226	Gladding	Murray	2500
5227	Derry	Murry	3500
5228	Fazio	Palmer	1800
5229	Van Ness ..	Owner	4000
5230	Castigliano	Flanagan	2500
5231	Hammer	Owner	2800
5232	Olsen	Albany	1000
5233	Hughes	Owner	3000
5234	Blabon	Owner	3000
5235	Parks	Owner	5600
5236	Wratten	Grabam	6080
5237	Paolini	Bigley	3895
5238	First M. E.	G. G. Iron	1941
5239	Werner	Owner	2500
5240	Ygnasio	Offe	2700
5241	Janer	Johanson	5000
5242	Pareste	Crane	5000
5243	Keller	Pearson	4500
5244	City of Okd	McPherson	1425
5245	Cochran	Owner	3500
5246	Dippo	Jesperson	4000
5247	Parodi	McCord	2500
5248	Langeberg	Owner	3000
5249	Marshall	Owner	5000
5250	Owen	Owner	2850
5251	Clarke	Andrews	1500
5252	Tarr	Goth	3600

ADDITION
(5131) NO. 835 ARLINGTON ST., Berkeley. Addition.
Owner—Dr. C. Burnham, Premises.
Architect—None.
Contractor—Matt L. Koski, 47 Ramona Ave., Oakland. $2000

DWELLING
(5132) NO. 2311 KEITH AVE., Berkeley. One-story 6-room dwelling.
Owner—Jennie McAvoy, 1629 11th St., Oakland.
Architect—None.
Contractor — Oscar I. Runnels, 2133 University Ave., Berkeley. $7000

ADDITION
(5133) NO. 2021 VINE ST., Berkeley. Addition.
Owner—A. Schneider, Premises.
Architect—None.
Contractor—J. A. White, 1631 Edith St., Berkeley. $2500

DWELLING
(5134) W CLARA ST. 125 N Oscar Ave Oakland. 1-story 6-room dwelling.
Owner—Mathias Zimmer, 661 Clara St. Oakland.
Architect—None. $4000

DWELLING
(5135) NE COR. EL CENTRO & ELsinor Ave., Oakland. 1-story 6-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $4950

DWELLING
(5136) 4730 EL CENTRO AVE., Oakland. 1-story 6-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $4900

DWELLING
(5137) NW COR. FORTY-FIRST AVE. and E-18th St., Oakland. 1-story 4-room dwelling.
Owner—Anna Smedman, 1817 41st Ave. Oakland.
Architect—None.
Contractor—P. Wallin, 4628 Dolores Ave., Oakland. $1800

APARTMENTS
(5138) NE COR. FRUITVALE AVE. & E-23rd St., Oakland. 2-story 12-rm. apartments.
Owner—C. R. Squires, 5927 Foothill Blvd., Oakland.
Architect—None.
Contractor—T. P. Martin, 5927 Foothill Blvd., Oakland. $9500

DWELLING
(5139) E FIFTY-EIGHTH AVE. 80 N Eastlawn, Oakland. 1-story 4-room dwelling.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. $2000

DWELLING
(5140) N FULLINGTON 240 275 310 345 E 39th Ave., Oakland. 4 1-story 4-room dwellings.
Owner—S. A. Warner, 850 Cleveland Av Oakland.
Architect—None. $2000 each

DWELLING
(5141) 1037 GALVIN, Oakland. 1-sto. 6-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $3950

DWELLING
(5142) W JONES AVE 85 S Burr, Oakland. 1-story 5-room dwelling.
Owner — Bellington & Snowden, 1200 97th Ave., Oakland.
Architect—None. $2500

DWELLING
(5143) 931 LINDEN ST., Oakland. 1-story 6-room dwelling.
Owner—Leighton & MacGregor.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $4450

DWELLING
(5144) 691 LERIDA AVE., Oakland. 1-story 6-room dwelling.
Owner—C. E. Bardwell, 2503 10th Ave. Oakland.
Architect—None. $5000

DWELLING
(5145) S MOUNTAIN BLVD. W 35th Ave., Oakland. 1-story 3-room dwlg
Owner—Elizabeth Patterson, 3024 Harper St., Oakland.
Architect—None.
Contractor—Thad M. Tupper, 2310 Russell St., Berkeley. $2000

DWELLING
(5146) SE CORNER SEMINARY AND Mesaba, Oakland. 1-story 10-room 2-family dwelling.
Owner—R. E. Taylor, 3432 Seminary Ave., Oakland.
Architect—None. $7000

DWELLING
(5147) W SIXTY-SIXTH AVE. 12 N Trenor St., Oakland. 1-story 5-room dwelling.
Owner—L. Perkins.
Architect—None.
Contractor—Chas. D. Lyon, 22 Murdock Court, Oakland. $3250

APARTMENTS
(5148) W TWENTY-EIGHTH AVE. N E-16th St., Oakland. 2-story 18-rm. apartments.
Owner—M. J. Anderson, 1536 Mitchell St., Oakland.
Architect—None. $13,500

DWELLING
(5149) N SIXTY-SECOND ST. 340 E Dover St., Oakland. 1-story 5-room dwelling.
Owner—E. M. Hinch, 414 15th St., Oakland.
Architect—None. $3250

DWELLING
(5150) NW COR. SIXTY-SECOND AV. and Eastlawn, Oakland. 1-story 5-room dwelling.
Owner—Rudell Real Estate Co., 3239 E-14th St., Oakland.
Architect—None.
Contractor — Richey & Hughes, 1833 40th Ave., Oakland. $2850

DWELLING
(5151) S TRESTLE GLEN OPP. SUNnyhill Rd., Oakland. 1-story 6-room dwelling.
Owner — Samuel Moe, 4001 Woodruff, Oakland.
Architect—None. $4900

ALTERATION
(5152) N THIRTY-NINTH ST. 120 E Grove St., Oakland. Alteration.
Owner—Jerome MacDonald, 606 37th St., Oakland.
Architect—None. $1500

DWELLING
(5153) 3892 THIRTY-FIFTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Thos. R. White, premises.
Architect—None. $2000

DWELLINGS
(5154) 1051 1057 1063 1069 TENTH ST Oakland. 4 1-story 6-room dwlgs.
Owner—Leighton & MacGregor.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $4800, $4450, $4450, & $4450.

DWELLINGS
(5155) W SIXTY-SEVENTH AVE. 140 & 175 S Avenal;
E SIXTY-SEVENTH AVE. 100 S Beck St.;
W SIXTY-EIGHTH AVE. 235 & 650 N Arthur St., Oakland. 5 1-sto. 5-room dwellings.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond. $3200 each

DWELLINGS
(5156) N SYLVON AVE. 100 140 180 E Maple Ave., Oakland. 3 1-story 4-room dwellings.
Owner—F. C. Stolte.
Architect—None. $2950 each

DWELLING
(5157) SE COR. BROOKWOOD AND Trestle Glen Rd., Oakland. 2-story 9-room dwelling.
Owner—J. Cassow, 513 Clay St., Oakland.
Architect—None.
Contractor—N. Gaubert, 1910 40th Ave., Oakland. $20,000

APTS. & STORES
(5158) SW COR. TWENTY-SIXTH & Myrtle Sts., Oakland. All work for 2-story 16-room apts. and stores and 4 garages.
Owner—Mrs. Natalina Lavagetti, 2527 Myrtle St., Oakland.
Architect—None.
Contractor—W. T. Vaughn, 4190 Opal St., Oakland.
Filed Nov. 1, 1923, Dated Oct. 9, 1923.
1st floor laid $3224.00
Roof framed 3333.33
Brown coated 3333.33
Usual 35 days 3333.34
TOTAL COST, $13,224
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

DWELLING
(5159) NO. 8 WOODLAND WAY, Piedmont. One-story 6-room dwelling and garage.
Owner—K. Road, Regillas Apts., Okd.
Architect—None.
Contractor—Interlocking Cement Co., 82 9th St., Oakland. $10,000

DWELLING
(5160) NO. 68 WILDWOOD AVE., Piedmont. One-story 5-room dwlg and garage.
Owner—Emma Cords, 489 23rd St., Oakland.
Architect—None.
Contractor—Alfred Cords, 489 23rd St., Oakland. $5100

DWELLING
(5161) NO. 1332 ADDISON ST., Berkeley. One-story 6-room dwlg.
Owner—W. T. Lingard, Premises.
Architect—None.
Contractor—A. Cross, 2118 Woolsey St., Berkeley. $3700

DWELLING
(5162) NO. 1712 CAPISTRANO ST., Berkeley. One-story 6-room dwlg.
Owner—L. T. Brewer, 1619 Grove St., Berkeley.
Architect—None. $5000

DWELLING
(5163) NO. 1537 EUCLID AVE., Berkeley. Two-story 5-room dwelling
Owner—Mrs. A. S. Kennedy, 2701 Hillegass, Berkeley.
Architect—B. R. Maybeck.
Contractor—M. H. White, 1148 Euclid Ave., Berkeley. $6800

DWELLING
(5164) NO. 2511 HILLCOURT, Berkeley. Two-story 7-room dwelling
Owner—J. C. Dert, 2460 Martinez St., Berkeley.
Architect—Mill Lillian Bridgeman.
Contractor—Chas. B. Crane, 1759 Tacoma St., Berkeley. $5000

DWELLING
(5165) NO. 1505 HOLLY, Berkeley. One-story 4-room dwelling.
Owner—Arthur H. Blake, 208 Eddy St., San Francisco.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $2500

DWELLING
(5166) NO. 580 SAN LIS, Berkeley. Two-story 7-room dwelling.
Owner—Jennie B. Veness, 3110 College Ave., Berkeley.
Architect—None.
Contractor—Fox Bros., 569 Kenmore Ave., Oakland. $6000

FLATS
(5167) NO. 2929-31 STUART ST., Berkeley. Two-story 10-room flats.
Owner—Carrie Donnelly, San Francisco
Architect—C. R. Schmidts, S. F.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $9000

DWELLING
(5168) NO. 859 THE ALAMEDA, Berkeley. One-story 7-room dwlg.
Owner—J. Harry Smith, 508 Lexington St., Berkeley.
Architect—None. $5000

DWELLING.
(5169) 4436 CALAVERAS AVE., Oakland. One-story 3-room dwelling.
Owner—J. Morris, 514 17th St., Oakland
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. $2000

DWELLING.
(5170) W CURRAN AVE., 120 S Delaware St., Oakland. One-story 5-room dwelling.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None. $2750

DWELLING.
(5171) SW COR. DELAWARE ST., & Curran Ave., Oakland. Three 1-story 5-room dwellings.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None. $2750 each.

DWELLING.
(5172) 478 FORTY-FOURTH ST. Oakland. One-story 5-room dwelling.
Owner—A. Hassler Jr., premises.
Architect—None.
Contractor — E. Campomenosi, 5238 Lawton Ave., Oakland. $4500

DWELLINGS.
(5173) 1615 1619 1621 SEVENTY-third Ave., Oakland. Three 1-story 5-room dwellings.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2750 each.

APARTMENTS.
(5174) W WEBSTER ST., 170 N 38th St., Oakland. Two-story, 16-room apartments and garage.
Owner—G. C. Shaeth.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $15000

DWELLING.
(5175) 886 LAKESHORE AVE., Oakland. Twe-story 8-room dwelling and garage.
Owner—R. B. Moon.
Architect—None.
Contractor—Mervin P. Rose, 940 Oxford St., Oakland. $11500

DWELLING.
(5176) N QUIGLEY ST., 117 W Maybelle, Oakland. One-story 4-room dwelling.
Owner—S. Morris & Son, 694 Mariposa Ave., Oakland.
Architect—None. $2000

DWELLING.
(5177) 1029 SUNNYHILL ROAD, Oakland. Two-story 6-room dwelling.
Owner—Blaine Klum.
Architect—None.
Contractor—Leroy M. Baird, 1031 Bay View Ave., Oakland. $6800

DWELLING.
(5178) W SEVENTY-NINTH AVE., 300 S E-14th St., Oakland. One-story 4-room dwelling.
Owner—J. & P. Anderson, 78 12th St., Oakland.
Architect—None.
Contractor—H. Tullock, 7813 E-14th St. Oakland. $2700

DWELLING
(5179) S BRANN ST. 50 E Havenscourt Blvd., Oakland. 1-story 3-rm. dwelling.
Owner—Steve Kadick, 6885 Arthur St., Oakland.
Architect—None.
Contractor—A. Thomas, 8234½ E-14th St., Oakland. $2000

ADDITION
(5180) NW COR. E-EIGHTEENTH ST and 5th Ave., Oakland. Addition to stores.
Owner—Wm. Cron, 446 E-18th, Oakland.
Architect—None.
Contractor—Jas. Pedgrift, 4110 Bdwy., Oakland. $5000

APARTMENTS
(5181) NE COR. FOURTH AVE. & E-15th St., Oakland. 2-story frame apts. (12 apts.)
Owner—L. Nathanson, 1507 4th Ave., Oakland.
Architect—None. $27,500

DWELLING
(5182) W GREEN ACRE RD. 180 S Tulop, Oakland. 1-story 4-room dwelling.
Owner—Edgar Augell, 3703 Green Acre Rd., Oakland.
Architect—None. $1500

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

DWELLING
(5183) W LAUREL AVE. 50 S Dakota St., Oakland. 1-story 5-room dwlg.
Owner—A. Castores, 1114 E-16th St., Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $3400

DWELLING
(5184) 2468 MAXWELL AVE., Oakland. 1-story 5-room dwelling.
Owner—Flagg & Turner, Maxwell and Brookdale, Oakland.
Architect—None. $4000

DWLG. & STORE
(5185) GORE, PERALTA AND MAGnolia, Oakland. 1-story 5-rm dwlg. and store.
Owner—A. Cuneo.
Architect—None.
Contractor — J. Bertoldi, 5628 Vicente St., Oakland. $3000

DWELLING
(5186) SW COR. SIXTY-THIRD AND Avenal Aves., Oakland. 1-story 5-room dwelling.
Owner—Annie Petersen.
Architect—None.
Contractor—Chas. Petersen 1200 E-24th St., Oakland. $3000

DWELLING
(5187) 2006 SIXTEENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—F. A. Andrews, 4923 Telegraph Ave., Oakland.
Architect—None. $3000

DWELLINGS
(5188) NO. 2927 AND 2931 ACTON ST., Berkeley. Two one-story 6-room dwellings.
Owner — E. W. Woodard, 435 Merritt Ave., Berkeley.
Architect—None. $4000 each

DWELLING
(4189) NO. 2309 EDWARD ST., Berkeley. One-story 5-room dwlg.
Owner—Karl Van Hacht.
Architect—None.
Contractor—Designers & Builders Corp. 1956 University Ave., Berkeley. $4000

DWELLING
(5190) NO. 1504 GROVE ST., Berkeley. One-story 5-room dwelling.
Owner—C. R. Madison.
Architect—None.
Contractor—Mason McDuffie Co., Shattuck Ave. and Addison St., Berkeley. $4000

DWELLING
(5191) NO. 1417 OXFORD ST., Berkeley. Two-story 6-room dwlg.
Owner—B. P. Martin.
Architect—None.
Contractor—Berkeley Building Co., Solano and Colusa Sts., Bkly. $5000

DWELLING
(5192) NO. 208 PANORAMIC WAY, Berkeley. One-story 5-room dwlg.
Owner—Marjorie G. Edwards, 300 Panoramic Way, Berkeley.
Architect—None.
Contractor—J. H. Jones, 300 Panoramic Way, Berkeley. $3000

DWELLING
(5193) NO. 1915 PARKER ST., Berkeley. One-story 6-room dwlg.
Owner—C. Hiester, 1729 Channing Way, Berkeley.
Architect—None.
Contractor — D. T. Blethread, 1453 Henry St., Berkeley. $5000

DWELLING
(5194) NO. 2011 SAN ANTONIO, Berkeley. One-story 5-room dwelling.
Owner—W. T. Hansen.
Architect—None.
Contractor—C. M. Rogers, 540 San Luis Road, Berkeley. $4000

DWELLING
(5195) NO. 1828 SAN ANTONIO. Berkelel. Two-story 7-room dwelling
Owner—Mrs. V. W. Crafster, 856 Alameda St., Berkeley.
Architect—None.
Contractor—Barham Co., 1916 Broadway, Oakland. $7500

DWELLING
(5196) NO. 644 VINCENTE AVE., Berkeley. One-story 5-room dwelg.
Owner—H. C. Andersen, 937 Snyder Ave., Berkeley.
Architect—None. $3500

DWELLING.
(5197) 876 APGAR STREET, Oakland. One-story 5-room dwelling.
Owner—O. Christensen, 1028 28th St., Oakland.
Architect—None.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland. $4000

DWELLING.
(5198) E BELLAIRE PLACE, 40 S Bona St., Oakland. One-story 5-room dwelling.
Owner—L. Sutch, 2256 E-22nd St., Oakland.
Architect—None.
Contractor—Sandas & Sutch, 2256 E-22nd St., Oakland. $3500

DWELLING.
(5199) W CHURCH ST., 232 S Beck Oakland. One-story 4-room dwelling.
Owner—Melrose Realty Co., 4566 E-14th St., Oakland.
Architect—None.
Contractor—H. S. Foreman, 4330 Pampas Ave., Oakland. $2450

ADDITION.
(5200) 418 EAST NINETEENTH ST., Oakland. Addition.
Owner—F. L. De Freitas, premises.
Architect—None.
Contractor—Jos. Williams, 271 Dutton Ave., San Leandro. $2800

STORES.
(5201) N EAST-TWELFTH STREET, 125 E 9th Ave., Oakland. One-story tile stores.
Owner—Louis Ayers, 233 12th St., Oakland.
Architect—None. $2000

STORES & OFFICES
(5202) S E-FOURTEENTH ST., 150 W 23rd Ave., Oakland. Two-story hollow tile stores and offices.
Owner—Knopp & Hughes, 1530 Franklin St., Oakland.
Architect—None.
Contractor—G. T. Knopp, 1530 Franklin St., Oakland. $15000

FACTORY BLDG.
(5203) E-FALLON ST., End 6th St., Oakland. One-story brick factory building.
Owner—H. A. Potter.
Architect—None.
Contractor — M. Felin Sommarstrom, 403 15th St., Oakland. $12500

DWELLING.
(5204) S-HOLLY, 160 W 79th Ave., Oakland. One-story 4-room dwelling.
Owner—L. A. DeChaine, 1503 Jefferson St., Oakland.
Architect—None. $2500

DWELLING.
(5205) 1951 NINTH AVENUE, Oakland. One-story 4-room dwelling.
Owner—J. H. Vollmer, 2149 Linden St., Oakland.
Architect—None.
Contractor—Chas. W. Falk, 1520 E-38th St., Oakland. $3000

DWELLING.
(5206) 1643 SIXTY-EIGHTH AVE., Oakland. One-story 5-room dwelling.
Owner—R. Beasley, 1227 53rd Ave., Oakland.
Architect—None. $3400

DWELLING.
(5307) 1245 SIXTIETH AVE., Oakland One-stery 5-room dwelling.
Owner — Wm. Hughes, 765 15th St., Oakland.
Architect—None. $3000

ALTERATIONS.
(5208) SE COR. THIRTY-FOURTH and Galindo Aves., Oakland. Alterations.
Owner—A. T. & Jos. Eide, 1723 Fruitvale Ave., Oakland.
Architect—None.
Contractor—F. Baerner, 2929 Foothill Blvd., Oakland. $1500

ALTERATIONS.
(5209) 1215 WASHINGTON ST., Oakland. Alterations.
Owner—David Hersh.
Architect—None.
Contractor — Antone Peterson, San Francisco. $1000

DWELLING
(5210) SE COR. CEDAR & EUCLID Ave., Berkeley. All work for 2-sto. dwelling.
Owner—J. S. Kingsley, Berkeley.
Architect—W. H. Ratcliff Jr., 1st Natl. Bank Bldg., Berkeley.
Contractor—S. J. Bertelsen, 667 39th St., Oakland.
Filed Nov. 5, 1923. Dated Nov. 1, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $10,280
Bond, $5140; Suretles, Globe Indemnity Co.; Forfeit, none; Limit, 90 days; Plans and specifications filed.

APARTMENTS
(5211) NO. 2500 BENVENUE, Berkeley Three-story 36-room apartments.
Owner—Elda Bradshaw and Sarah Sparks, 2815 Fulton St., Berkeley.
Architect—None.
Contractor—R. H. Bradshaw, 2815 Fulton St., Berkeley. $27,000

DWELLING
(5212) NO. 1534 BERKELEY WAY, Berkeley. One-story 6-room dwlg.
Owner—W. H. Moore.
Architect—None.
Contractor—Geo. S. Nibel, 1912 Grove St., Berkeley. $3500

ALTERATIONS
(5213) NO. 3211 CALIFORNIA ST., Berkeley. Alterations.
Owner—Mrs. Grace Cofer, Premises.
Architect—None. $3500

DWELLING
(5214) NO. 2330 CALIFORNIA ST., Berkeley. One-story 4-room dwlg.
Owner—H. F. Hughes, 1405 Fulton St., Berkeley.
Architect—None.
Contractor—A. G. Davis, 1523 Grove St., Beerkeley. $1850

DWELLINGS
(5215) NO. 1608 & 1612 CAPISTRANO St., Berkeley. Two one-story 6-room dwellings.
Owner—J. Spunt, 739 45th St., Oakland.
Architect—None. $3500 each

DWELLING
(5216) NO. 1308 CARLTON, Berkeley. One-story 5-room dwelling.
Owner—Alder & Clark, 2907 Florida St., Oakland.
Architect—None. $3500

DWELLING
(5217) NO. 1701 CARLTON, Berkeley. One-story 5-room dwelling.
Owner—Mrs. V. I. Guildo, 1531 Gough St., San Francisco.
Architect—None.
Contractor—R. W. Parks, 1219 Noe St., San Francisco. $3400

STORES
(5218) NO. 2603 SAN PABLO AVE., Berkeley. One-story 2-room stores
Owner—S. Paolini.
Architect—None.
Contractor—Bigley & Walsh, El Cerrito $3500

DWELLING
(5219) NO. 1643 WALNUT ST., Berkeley. Two-story 7-room dwelling.
Owner—Victor Wynbladh, 466 41st St., Oakland.
Architect—None.
Contractor—James Johnson. $5000

ADDITION
(5220) W AUSEON AVE. 28 S Dowling, Oakland. Addition.
Owner—W. L. Newley, 2275 Auseon Av. Oakland.
Architect—None. $2000

DWELLING
(5221) 3907 ALLENDALE AVE., Oakland. 1-story 5-room dwelling.
Owner—J. F. Gooch, 3912 Penniman Av. Oakland.
Architect—None.
Contractor—L. C. Byers, 1157 Delaware St., Berkeley. $3750

ADDITION
(5222) 580 CAPELL ST., Oakland. Addition.
Owner—J. Oliver, premises.
Architect—None.
Contractor — J. F. Chambers, Plaza Bldg, Oakland. $2000

APARTMENTS
(5223) W ERIE ST. 200 S Prince St., Oakland. 2-story 16-room apts.
Owner—E. B. Leonard, 589 Kenmore Ave., Oakland.
Architect—None. $14,000

OFFICE
(5224) 4130 E - FOURTEENTH ST., Oakland. 1-story 2-room office.
Owner—E. G. Glantz, 4611 Virginia St., Oakland.
Architect—None. $1000

CHURCH
(5225) W EMERSON ST. 60 S Excelsior, Oakland. 1-story church.
Owner—Roman Catholic Archbishop of San Francisco.
Architect—Geo. C. McCrea, 369 Pine St., San Francisco.
Contractor—Thos. F. L. Furlong, 557 El Dorado, Oakland. $8000

DWELLING
(5226) 1625 EIGHTY-FOURTH AVE., Oakland 1-story 4-room dwelling.
Owner—F. Gladding.
Architect—None.
Contractor—C. M. Murry, 9411 E-14th St., Oakland. $2500

DWELLING
(5227) 1714 EIGHTY-SEVENTH AVE. Oakland. 1-story 5-room dwelling.
Owner — Earl Derry, 1629 89th Ave., Oakland.
Architect—None.
Contractor—C. M. Murry, 9411 E-14th St., Oakland. $3500

ALTER & ADDITION
(5228) 529 MYRTLE ST., Oakland. Alter and addition.
Owner—Chas. Fazio, premises.
Architect—None.
Contractor—Palmer & McMillan, 932 7th St., Oakland. $1800

FLATS
(5229) N MORSE DRIVE 100 W Seminary, Oakland. 2-story 7-rm. flats.
Owner—E. Van Ness, premises.
Architect—None. $4000

DWELLING
(5330) W NORTON AVE 500 N Wisconsin St., Oakland. 1-story 5-room dwelling.
Owner—Mrs. A. Castigliano, 1393 12th St., Oakland.
Architect—None.
Contractor—F. Flanagan, 1393 12th St., Oakland. $2500

DWELLING
(5231) 1745 ONE HUNDRED SECOND Ave., Oakland. 1-story 5-rm dwlg.
Owner—W. J. Hanner, premises.
Architect—None. $2800

GARAGE
(5232) 6077 OCEAN VIEW DRIVE, Oakland. Tile garage.
Owner—H. L. Olsen, premises.
Architect—None.
Contractor—Albany Bldg. & Inv. Co., 507 San Pablo Ave., Albany. $1000

DWELLING
(5233) 1247 SIXXTIETH AVE., Oakland. 1-story 5-room dwelling.
Owner—William Hughes, 765 15th St., Oakland.
Architect—None. $3000

DWELLING
(5234) 2581 SIXTY - SECOND AVE., Oakland. 1-story 5-room dwelling.
Owner—E. R. Blabon, 2452 63rd Ave., Oakland.
Architect—None. $3000

DWELLING
(5235) 2540 & 2560 SIXTY-THIRD AV. Oakland. 2 1-story 5-room dwlgs.
Owner—D. W. Parks, 476 Crescent St., Oakland. $2800 each
Architect—None.

DWELLING
(5236) W CROSBY AVE 161.70 S Harper, Oakland. All work for 1-story duplex dwelling.
Owner — A. D. & Elizabeth Wratten, Oakland.
Architect—None.

Contractor—C. H. Graham, 1607 High St., Oakland.
Filed Nov. 6, 1923. Dated Sept. 24, 1923.
Roof sheathed .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6080
Bond, None; Sureties, none; Forfeit, none; Limit, 90 days; Plans and specifications filed.

STORES
(5237) E SAN PABLO AVE., Berkeley. All work for 1-story stores and floor in Bldg. at 1056 45th St.
Owner—S. Faolini and wife, Emeryville.
Architect—None.
Contractor — A. I. Bigley and J. F. Walsh, 197 San Pablo Ave., Oakland.
Filed Nov. 6, 1923. Dated Nov. 2, 1923.
Frame up .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $3895
Bond, Sureties, Forfeit, none; Limit 60 days from Nov. 3; Plans and specifications filed.

STRUCTURAL STEEL
(5238) NW COR. CENTRAL AVE. & Oak St., Alameda. Structural steel for church.
Owner—First M. E. Church of Alameda, Agent — Thomas A. Cuthbertson, 1766 12th Ave., S. F.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Sub-Contractor—C. S. Hoffman and L. W. Fliegner (Golden Gate Iron Works), 1541 Howard St., S. F.
Filed Nov. 6, 1923. Dated Oct. 26, 1923.
As work progresses 75%
Completed and accepted 25%
TOTAL COST, $1941
Bond, Sureties, Forfeit, Limit, none; Plans and specifications filed.

DWELLING
(5239) NO. 1408 DWIGHT, Berkeley. One-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2500

DWELLING
(5240) NO. 1162 FRANCISCO, Berkeley One-story 5-room dwelling.
Owner—Manuel Ygnasio, 1135 Delaware St., Berkeley.
Architect—None.
Contractor—F. Offie, 1025 Hearst Ave., Berkeley. $2700

DWELLING
(5241) NO. 1640 LE ROY, Berkeley. Two-story 8-room dwelling.
Owner—Jane H. Janer, 1235 Oxford St., Berkeley.
Architect—None.
Contractor—G. Johanson, 1357 Northside Ave., Berkeley. $5000

DWELLING
(5242) NO. 1624 SCENIC, Berkeley. Two-story 6-room dwelling.
Owner—S. B. Pareste.
Architect—None.
Contractor—C. B. Crane, 1759 Tacoma St., Berkeley. $5000

DWELLING
(5243) 694 BROOKWOOD, Oakland. 1-story 5-room dwelling.
Owner — Mrs. Frances Keller, Hotel San Pablo, Oakland.
Architect—None.
Contractor—S. J. Pearson, 2340 E-14th St., Oakland. $4500

ALTERATION
(5244) ELEVENTH AND FALLON ST Oakland. Alterations.
Owner—City of Oakland.
Architect—None.
Contractor—Chas. F. McPherson, 2029 23rd St., Oakland. $1425

ADDITION
(5245) 436-8 FIFTH ST., Oakland. 1-story brick addition to garage.
Owner—Cochran & Celli, 417 6th St., Oakland.
Architect—None. $3500

DWELLING
(5246) S FIFTY-THIRD ST. 100 W Genoa, Oakland. 1-sto. 6-rm. dwlg.
Owner—A. C. Dippo, 2721 San Pablo Ave., Oakland.
Architect—None.
Contractor—J. W. Jesperson, 878 54th St., Oakland. $4000

DWELLING
(5247) 4605 MARKET ST., Oakland. 1-story 3-room dwelling.
Owner—Jack Parodi, 4601 Market St., Oakland.
Architect—None.
Contractor—Jack McCora, 4517 Market St., Oakland. $2500

DWELLING
(5248) W OCTAVIA 405 S Penniman Ave., Oakland, 1-story 5-rm, dwlg.
Owner—C. Langeberg, 1734 11th Ave., Oakland.
Architect—None. $3000

DWELLING
(5249) W ROCKWELL, 114 N Florio, Oakland. 2-story 7-room dwelling.
Owner—J. A. Marshall, 6532 Florio St., Oakland.
Architect—None. $5000

DWELLING
(5250) NO. 2112 SIXTY-SECOND Ave, Oakland. One-story 5-room dwelling.
Owner—R. L. Owen, 523 61st St., Okd.
Architect—None.
Contractor—D. L. Owen, 1723 50th Ave., Oakland. $2850

DWELLING
(5251) NO. 3427 SALISBURY ST., Oakland. One-story 3-room dwlg.
Owner—N. K. Clarke, 3421 E-8th St., Oakland.
Architect—None.
Contractor — Andrews & Hagin, 3878 Maybelle Ave., Oakland. $1500

STORES
(5252) NO. 3411-15 TELEGRAPH AV., Oakland. One-story 2-room Lithofrome stores.
Owner—Wm. N. Tarr, 565 31st St., Oakland.
Architect—None.
Contractor—T. R. Goth, 2514 9th Ave., Oakland. $3600

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded **Accepted**

Oct. 31, 1923—ALAMEDA PIER, Alameda. S. P. Co. to Stevens & Lasher .....Oct. 25, 1923

Oct. 31, 1923—PTN P LOTS 10, 12, 14, 16 Map Rancho Arroyo de la Alameda Washington Tp. Masonic Homes of Cal. to H. N. Larsen.... .....Oct. 29, 1923

Oct. 31, 1923—PTN PLOTS 10, 12, 14, 16 Map Rancho Arroyo de la Alameda. Masonic Homes of Cal. to J. B. Crowe .....Oct. 29, 1923

Nov. 1, 1923—NE COR. PARK BLVD and Brighton St., Oakland. Geo. P. Guyot to whom it may concern .....Nov. 1, 1923

Nov. 1, 1923—LOT 14 & E 8 1/3 LOT 15 Blk 3, Oakland. G. R. Blasingame to whom it may concern.... .....Oct. 31, 1923

Nov. 1, 1923—2312 VALLEY ST, OAKland. Mrs. Harry Sundin to A. Eyslee .....Oct. 26, 1923

Nov. 1, 1923—LOT 10 BLK D MAP Country Club Acres, Oakland. John M. Buffington to Norwood and Harris .....Aug. 27, 1923

Nov. 2, 1923—NE HOLLYWOOD AVE 111.27 NW Park Blvd NW 50 NE 123.86 SE 50.56 SW 131.34, Oakland Pete Della Vedowa to W M Holton .....Oct. 30, 1923

OLGA HERZ

Public Stenographer

Multigrapher and Translator

ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH

Confidential Service
Quality
Punctuality
Economy
Estimates Furnished

402 and 404 First National Bank Building

Phone Garfield 946
San Francisco

Nov. 2, 1923—LOTS 20 TO 27, SE 12½ Lot 28 NW 17.73 Lot 19 Blk H Lot 9 and NW 12½ Lot 10 Blk J SE 22.35 Lot 15 NW 7.65 Lot 16 Blk J Map Potters Addition to Valley View, Oakland. R E Reeves to George White.....Nov. 1, 1923

Nov. 2, 1923—LOT 8 BLK 6/868 Map East Piedmont Heights, Oakland. Takla J Cunha to McWethy & Greenleaf.....Oct. 26, 1923

Nov. 2, 1923—NO. 681 JEAN ST., Oakland. Louis Smith to Ben F Kopf.....— —1923

Nov. 2, 1923—S HOPKINS 99-6 W Dimond Ave W 40xS 129-9, Oakland. The Dimond Progressive Club to Mullen & La Voie..... .....Sept. 15, 1923

Nov. 2, 1923—NO. 214 GRAND AVE., Oakland. I Wollin to Conrad Roth.....Oct. 1, 1923

Nov. 2, 1923—LOT 9 BLK "A" Triangle Park Tract, Bkly. Eleanor C Schoening to Herman A Schoening.....Nov. 2, 1923

Nov. 2, 1923—SW BROOKDALE AV 45.65 SE 38th Ave SE 40xSW 110.25, Oakland. A Radke to A Anderson .....October 26, 1923

Nov. 2, 1923—NO. 856 LAKESHORE Ave., Oakland. Victor N Rosenberg to whom it may concern..Nov. 2, 1923

Nov. 2, 1923—LOT 15 BLK 11 Map 4th Ave. Heights, Oakland. H Goranson to whom it may concern .....October 31, 1923

Nov. 3, 1923—LOTS 9, 10 AND 11 Santa Fe Tract, Oakland. Miss Emma Johnson to whom it may concern.....Nov. 1, 1923

Nov. 3, 1923—LOT 20 BLK "H" Map Northbrae Terrace, Berkeley. S M Hunter to whom it may concern

Nov. 3, 1923—LOT 17 BLK 28 Amended Map Fairmount Park, Albany. Melvin J Simpson to whom it may concern.....Nov. 1, 1923

Nov. 3, 1923—LOT 13 BLK 7, Map Boulevard Park, Oakland. Frank O and Rose M Reis to Jos Flittner .....Nov. 1, 1923

Nov. 3, 1923—SE E-TWENTY-THIRD and Inyo Ave., Oakland. Alex J MacNaugton to A J McPhee..... .....Nov. 2, 1923

Nov. 3, 1923—(1) LOT 9 BLK "L" Oakland Highland Tract; (2) Lot 12 Blk "L" Oakland Highland Tract, Oakland. H C Cameron to whom it may concern.....Oct. 2, 1923

Nov. 5, 1923—S HOLWAY 396 E Seminary Ave 36x100. A E Waldman to whom it may concern..... .....Nov. 3, 1923

Nov. 5, 1923—SW SANTA CLARA AV 178.50 SE Fairmount Ave SE 40 SW 107.81 NW 40 NE 108.96, Okd. William R Taylor to California Builders Co.....Nov. 2, 1923

Nov. 5, 1923—SE EIGHTY-EIGHTH Ave and NE Plymouth NE 42-6xSE 120, Oakland. C A Birch to whom it may concern.....Oct. 21, 1923

Nov. 5, 1923—NE PLYMOUTH 80 SE 88th Ave SE 40xNE 85, Oakland. C A Birch to whom it may concern .....October 31, 1923

Nov. 5, 1923—SE EIGHTY-EIGHTH Ave 42-6 E Plymouth NE 42-6xSE 80, Oakland. C A Birch to whom it may concern.....Oct. 31, 1923

Nov. 5, 1923—LOT 15 BLK 1 Amended Map Thousand Oaks Court, Berkeley. C D Stewart to whom it may concern.....Nov. 1, 1923

Nov. 5, 1923—LOT 37 BLK 3 Berkeley Square, Berkeley. C E Pugh to Allen Goldworthy.....Nov. 1, 1923

Nov. 5, 1923—LOTS 60 AND 61 BLK 2 Solano Ave Terrace, Berkeley. Mabel M Bramlage to E D Bramlage .....Nov. 1, 1923

Nov. 5, 1923—NO. 4424 MORAGA AV., Oakland. E L Thompson to whom it may concern.....Nov. 5, 1923

Nov. 5, 1923—NO. 4414 MORAGA AV., Oakland. E L Thompson to whom it may concern.....Nov. 5, 1923

Nov. 5, 1923—NO. 4420 MORAGA AV., Oakland. E L Thompson to whom it may concern.....Nov. 5, 1923

Nov. 6, 1923—NO. 1504 LE ROY AVE. Berkeley. David Weeks to Russell & Prosser.....Nov. 6, 1923

Nov. 6, 1923—(1) NO. 2706 SIXTY-eighth Ave.; (2) No. 2712 Sixty-eighth Ave., Oakland. J F Patterson to whom it may concern..... .....Nov. 6, 1923

Nov. 6, 1923—LOT 33 BLK "H" Map Northbrae, Berkeley. Hans A Hansson to whom it may concern .....Nov. 5, 1923
Nov. 6, 1923—LOT 5 BLK 3 Map Fruitvale Orchard Terrace, Oakland. E T Matteson to whom it may concern.....Nov. 5, 1923
Nov. 6, 1923—NO. 1518 HOLLY ST., Berkeley. T A Jewett to J P Brennan.....Sept. 18, 1923
Nov. 6, 1923—LOT 18 BLK 18 Melrose Heights Tract, Oakland. Estrella L Mondon to G H Albers .....Nov. 6, 1923
Nov. 7, 1923—NO. 1227 SEVENTY-third Ave., Oakland. H L Clement to C L Hewitt .....Nov. 7, 1923
Nov . 7, 1923—NO. 1657 EIGHTY-second Ave., Oakland. M Goodman to Alex F Marshall Co..... .....Nov. 7, 1923
Nov. 7, 1923—S 60 LOT 9 BLK 25, Melrose Heights, Oakland. N Valerga to W J Woods..Nov. 5, 1923
Nov. 7, 1923—LOT 6 BLK 9, Mathews Tract, Beerkeley. Alma E Turner to whom it may concern.Nov. 6, 1923
Nov. 7, 1923—NO. 1000 E-THIRTY-third St., Oakland. E B Leonard to whom it may concern..Nov. 7, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Nov. 1, '23—NE SUNNYHILLS ROAD and Trestle Glen, Oakland. Oakland Building Material Co. vs. H. Brown & John Doe Alexander $150.35
Nov. 1, 1923—LOT 14 & NW 5 FT. Lot 13 & SE 4 ft| Lot 15 Blk 6 Map Allendale Park, Lots 16, 17, 18 Blk 6 Map Allendale Tract, Oakland Swift & Co. vs. Susie Betts and Kramer Bros., Earl C. Kramer & Chas. W. Kramer $893.46
Nov. 1, 1923—NW FRUITVALE AVE and SW Line of land conveyed to Wm. H. Wheeler recorded deed 261 NE 90 NW 100, Oakland. Atkinson Mill & Mfg Co., $294.50; E. K. Wood Lumber Co., $642.13 vs. R. O. McCline and W. H. & Anna H. Parker.
Nov. 1, 1923—LOT 9 & S 12½ LOT 10 Blk 14, Map No. 8 Regents Park, Berkeley. C. E. Linville vs. R. G. Kinsey and Fred F. Sprow.....$349
Nov. 1, 1923—LOT 9 & S 12½ LOT 10 Blk 14 Map No. 8 Regents Park, Berkeley. Jewel Electric Co. vs. R. G. Kinsey and Fred F. Sprow....$75
Nov. 1, 1923—LOT 52 BLK 6 MAP Resubdivision Port North Cragmont, Berkeley. Berkeley Hardware Co. vs. A. D. & Gladys L. Whearty & D. Condon $86.40
Nov. 2, 1923—(1) LOT 11 and E 10 Lot 10 Blk "G"; (2) Ptn Lot 12 Blk "G" Map Shdvn Blks E, F and G Mary E Mortimer Addition to Niles. P C Hansen & Co vs M S Foss, Charles E and Carol I Petersen $3102.50
Nov. 2, 1923—LOTS 33, 34 AND 35 and NE 26.94 Lot 32 Blk "H" Map Broadway Terrace, Oakland. Sunset Lumber Co vs Irene Vande Carr, W A Knowles, J C Downey and S F Improvement Co...$2312.98
Nov. 2, 1923—LOT 21 College Court Tract, Oakland. Fred Buzzell vs Charles Bunny.....$204.80
Nov. 2, 1923—W EIGHTH AVE 116 N E-23rd N 38xW 100, Oakland. Eureka Mill & Lumber Co vs Leonard and Emma Manfred and S Le Fevre $949.97
Nov. 3, 1923—LOT 40 BLK "N" Map 4th Ave. Terrace, Oakland. H Aronsen vs John Doe Kruger..$138
Nov. 3, 1923—LOT 22 BLK 2 Map Lakeshore Highlands, Oakland. T M Kendall vs M A Rose and Covey & Rose $254
Nov. 3, 1923—LOT 18 Map Maple Heights, Okd. Rhodes-Jamieson & Con vs J B Castelotti and Alder & Clark $502.75
Nov. 5, 1923—LOTS 14, 15 AND 16 and Ptn Lot 17, Hillside Park, Piedmont. H A Hechtman, $324 & $153.45 and A Hernandez, $595 vs Geo W Eliassen and William King
Nov. 7, 1923—LOT 23 Map Henry & Phillips Tract, Oakland. Zenith Mill & Lumber Co vs Bertha Luders and G Opitz.....$347.19
Nov. 7, 1923—LOT 35 BLK "H" Map Broadway Terrace, Oakland. Rip Van Winkle Wall Bed Co vs Wm A Knowles and J Van De Car and Louise J Joubert and Rose Beatty $198

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Nov. 1, 1923—LOT 110 BLK C MAP Meek Estate Orchards. F. A. McCausland to J. J. Joslin.....$910
Nov. 2, 1923—W 42.50 OF E 82.50 Lots 10 and 11 Blk "A" Map Suburban Tract, Berkeley. C G Marshall to Elias Ellison and S Morris & Son $196
Nov. 5, 1923—SW HOPKINS AND Haley Ave W 34-6xS 100, Oakland. Sunset Lumbesr Co to W A Walker and Chas F Rathburn.....$155.39
Nov. 5, 1923—LOT 40 BLK "N" Map 4th Ave. Terrace, Oakland. H Aronsen to John Doe Kruger....$138
Nov. 7, 1923—SE 122.73 ACRE TRACT described Libre L of Deeds Page 466 NW 747.07 for pt. beg th on curve to left 123.98 NW 105.35 SW 109.73, Oakland. A Prewett to R L Frier and Samuel V L Fevre..$90

Notice of Non-Responsibility

ALAMEDA COUNTY

Nov. 1, 1923—LOT 79 MAP RESUBdivision Blk C Meek Estate Orchards Eden Tp. H. W. Meek Estate Inc as to improvements to property
Nov. 3, 1923—SW 22-6 LOT 17 and NE 15 Lot 18 Blk 12 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....
Nov. 5, 1923—NE MADELINE 275 SE Maple Ave NE 100xSE 40, Oakland. Alameda Investment Co as to improvements on property.....

ASSIGNMENT OF LIEN

ALAMEDA COUNTY

Nov. 2, 1923—W COLLEGE AVE 183.70 N Clifton St. NW 187.86 SW 56-3 N 67-6, Oakland. C J Allen to Merton Maze; Frank W and Mary E Burger (2).....$2225 each

OAKLAND BUILDING TOTALS FOR OCTOBER, 1923

Classification of Bldgs.	No. of Permits	Cost
1-story dwellings.....	340	$ 935,801
1-st 2-fmly dwellings..	7	39,100
1-st 4-fmly dwellings..	1	8,000
1-st dwlg & store.....	4	17,400
1½-story dwellings.	3	9,000
2-st dwellings.....	6	46,350
2-st dwlgs & stores....	2	11,000
2-st flats	1	7,000
2-st flats & stores.....	1	5,500
2-st apartments.....	11	165,724
2-st apts. stores&offices	1	35,000
3-st apts. & stores....	1	49,500
1-st stores.....	8	29,475
1-st church.....	2	21,000
1-st warehouse	1	500
1-st office	5	1,575
1-st factory	2	9,350
1-st greenhouse.....	1	750
2-st shop	1	800
1-st tile dwelling.....	1	3,000
1-st tile garage.....	13	12,350
1-st tile addition.....	1	445
1-st tile stores.....	1	4,200
1-st tile factory.....	1	10,500
1-st tile service statio..	1	1,000
1-st tile shop	1	1,690
1-st concrete addition.	1	30,000
1-st concrete garage...	7	9,281
1-st concrete club.....	1	20,000
1-st concrete bank.....	1	30,000
2-st concrete jail.....	1	105,000
2-st concrete factory...	2	234,000
2-st concrete apmnts...	1	30,000
2-st conc bank & store.	1	50,000
3-st concrete theatre & store .....Add'l cost		184,000
1-st conc & tile garage	1	5,500
1-st brick creamery....	1	34,000
1-st brick stores.....	1	21,968
1-st brick warehouse..	1	6,500
1-st brick garage.....	2	23,694
1-st service station....	2	2,000
1-st brick boiler house.	1	2,500
3-st brick addition.....	2	62,500
1-st brick & tile office.	1	8,500
1-st brick & tile garage	1	9,277
1-st brk & conc garage	1	15,000
2-st brk & conc factory	1	130,000
1-st steel service stn..	2	3,900
1-st steel comfort stn.	2	1,200
1-st garages & sheds..	390	76,760
Electric signs	31	9,354
Roof signs	1	200
Marquee	1	1,400
Platform	1	500
Tank frams	1	900
Additions	148	76,596
Alterations & repairs..	251	148,668
Total	1275	$2,759,208

SUMMARY

New construction.....1024		$2,610,540
Alterations & repairs.. 251		148,668
Total	1275	$2,759,208

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

GARAGE
TRANQUILITY UNION HIGH SCHOOL District, Fresno. All work for garage.
Owner—Tranquility Union High School District.
Architect—None.
Contractor — W. F. Jennings, Matte Bldg., Fresno.
Filed Oct. 30, '23. Dated Oct. 1, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $4800
Bond, $2644. Surety. Fidelity & Deposit of Maryland. Limit, 45 working days. Forfeit, none. Plans and specifications filed.

SERVICE STATION
SEC. 14, 14-20 on State Highway Fresno. All work for service station.
Owner—Richfield Oil Co.
Architect—None.
Contractor—W. H. Eaton & Son, Fresno.
Filed Nov. 2, '23. Dated Oct. 27, '23.
Every 15 days..... 85%
Usual 35 days.....Balanc
TOTAL COST, $18,88
Bond, $4721. Surety, U. S. Fidelity & Guaranty Co. Limit, 75 working days from Nov. 1, 1923. Forfeit, $25 per day Bonus, $25 per day from Nov. 1, 1923. Plans and specifications filed.

FRESNO. Reconstruct Short Bldg. Fresno.
Owner—Nellie C. Short et al.
Architect—None.
Contractor—F. J. Stone, Mason Bldg Fresno.
Filed —. Dated Oct. 27, 1923.
Each 15 days to Dec. 15.....$5411.2
On Jan. 1, 1924 ..... 7215.0
TOTAL COST, $28,411.2
Bond, $15,000; Sureties, Fidelity and Guaranty Co.; Forfeit, $50 day; Limit Jan. 15, 1924; Plans filed; Specifications, none.

WAREHOUSE, $60,000; No. 365 O St Fresno; owner, United Warehous Co., H and Mono Sts., Fresno; contractor, Trewhitt-Shields, Rowel Bldg., Fresno.
DWELLING, $5000; No. 1560 Colleg Ave., Fresno; owner, A. A. Bolton contractor, C. E. Millhollen, 213 Kearn St., Fresno.
CHURCH, $45,000, Fresno and L Sts Fresno; owner, St. Paul M. E Church; contractor, Jas. A. McCullough.
DWELLING, $6000; No. 710 Weldo Ave., Fresno; owner, H. W. Kuhlk 2238 N-Van Ness St., Fresno.
ADDITIONS and alterations, $28,860 No. 1039 Fulton St., Fresno; owner Stone Estate, Mason Bldg., Fresn contractor, F. J. Stone, Maso Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded Accepted
Oct. 31, 1923—LOT 39 W ½ LOT 38 Blk 9, College Addition, Fresno. H W Kuhlke to whom it may concern.....Oct. 30, 1923
Nov. 1, 1923—LOT 7 BLK 122 SOUTH of Mormon Channel, City of Stockton. M. J. Drais to C. E. Totten.....Oct. 27, 1923
Nov. 2, 1923—PHILLIP & IRWIN Sts., Hanford. S. P. Co to C C Gildersleeve.....Oct. 29, 1923
Nov. 2, 1923—S 97 FT. LOT 6 BLK 11, Wilson N. F. Tract, Fresno. P A Wolff to whom it may concern.....Oct. 30, 1923
Nov. 2, 1923—LOCATION NOT GIVEN Fresno. C W Bingham to W T Harris.....Nov. 1, 1923
Nov. 2, 1923—LOTS 1 TO 6 BLK 81, Fresno. Sun Maid Hotel Corpn to Valley Tile & Mantel Co. Nov. 1, 1923
Nov. 2, 1923—LOT 15 SE 20 ft. Lot 16 Blk 47, K. B. Heights, Fresno. Elmas Epekjian to P A Wolff Bldg Co.....Sept. 27, 1923
Nov. 3, 1923—LOTS 32 AND 33 BLK 1, Droge Park, Fresno. A J Powell to whom it may concern. Nov. 2, 1923
Nov. 5, 1923—KINGSBURG. (moving bunk house, etc.) Southern Pacific Co to whom it may concern.....Oct. 26, 1923
Nov. 5, 1923—MANNING SCHOOL District, Fresno. Manning School District to Irwin & Hopkins.....October 17, 1923
Nov. 6, 1923—LOTS 41 42 BLK 14 Pinedale. Chas. W. Hinkley to C. E. Baker ..... Nov. 1, 1923
Nov. 6, 1923—929 CHINA ALLEY, Fresno. Y. Yawata to K. Murota
Nov. 6, 1923—1149-53 G St., Reedley. Quality Dept. Store to C. T. Walker

LIENS FILED

FRESNO COUNTY

Recorded Amount
Oct. 31, 1923—LOT 24 W ½ LOT 25 Blk 1, Bartlett Heights, Fresno. W P Green vs R S Gass.....$212
Nov. 2, 1923—LOT 1 BLK 19, Hazelwood. A B Kazanjian vs Hagop Avakian and Hovsep Zeronian.$——
Nov. 3, 1923—LOTS 7 AND 8 Whitehouse Tract, Fresno. Fresno Bldrs Supply Co vs W B Berton, Valley Bank and R N Peterson.....$37
Nov. 3, 1923—LOTS 9 AND 10 BLK 59, Fowler, Fowler Lumber Co vs First National Bank of Fowler and Y Honda. Dated Aug. 14, 1923, $614.37 paid, time for balance of $400.25 extended to Dec. 26, 1923
Nov. 3, 1923—LOTS 5 AND 6 BLK 7, Boyd Addn, Fresno. John Riggs vs Harriet E Thompson.....$172
Nov. 3, 1923—LOTS 27 AND 28 BLK 2, Torrance Terrace, Fresno. L A Whiteley vs Van Gammeren and P A Wolfe.....$55
Nov. 6, 1923—LOT 24 W ½ LOT 25, Blk 1 Bartlett Hts., Fresno. Routt Lumber vs R. S. Glass.....$576

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

SACRAMENTO. Alterations of Farm & Merchants Bank Building.
Owner — Farmers & Merchants Bank Bldg., 1012-14 8th Sacramento.
Architect—None.
Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco.
Filed Oct. 29, 1923. Dated Oct. 26, 1923. Payments not given.
TOTAL COST, $10,392
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

DWELLING, 1-story 5-room, and garage, $3280; 3233 Y, Sacramento; owner, J. M. & Mrs. Sheppard, 1908 E Sacramento; contractor, P. Lopze 3910 8th Ave., Sacramento.
DWELLING, 1-story 5-room, and garage, $3500; owner, W F Ward 3278 8th St., Sacramento.
DWELLING, 1-story 5-room, and garage, $4000; 4325 T, Sacramento; owner, W. A. Hall, Box 292 Riverside.
DWELLING, 1-story 5-room, and garage, $3200; 1915 29th, Sacramento; owner, E. L. Dyar, 319 10th St., Sacramento.
DOUBLE HOUSE, 1-story 3 rooms each $4800; 3716 4th Ave., Sacramento; owner, Henry Schmidt, 2920 Sac. Blvd., Sacramento.
DWELLING, 1-story 5-room, and garage, $3000; 604 26th, Sacramento; owner, Alpine Const. Co., Box 922, Sacramento.
DWELLING, two-story 6-room and garage, $6000; No. 1208 47th St., Sacramento; owner, C. Adams, D. O. Mills Bank, Sacramento; contractor, R. M. Smith, 4028 Sherman Way, Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 757 7th Ave., Sacramento; owner, R. B. Burk, 47th and M Sts., Sacramento; contractor, P. R. Opdyke, 1009 7th St., Sacto.
DWELLING, one-story 5-room and garage, $3500; No. 749 7th Ave., Sacramento; owner, J. Tyler, 7th and M Sts., Sacramento; contractor, P. R. Opdyke.
DWELLING, one-story 5-room and garage, $3300; No. 2624 2nd Ave., Sacramento; owner, Catherine M. Chatterton, 2426 F St., Sacramento.
CHURCH, one-story, $12,000; S 60 ft. Lot O ,P, 5th and 6th Sts., Sacramento; owner, Baptist Church, 1530 6th St., Sacramento.
BUSINESS BLDG., $9750; 1114 11th, Sacramento; owner, A. Fundalakis & M. Kaladis, Star Grill; contractor contractor, Chas. Peterson, M R B Box 221, Sacramento.
GENERAL REPAIRS, $7000; 1209 J, Sacramento; owner, M. H. Diepenbrock, 2315 M, Sacramento; contractor, Holdener Const Co.
DWELLING, 1-story 5-room and garage, $3500; 517 42nd, Sacramento; owner, J. G. Taylor, M R B Box 60, Sacramento.
DWELLING, 1-sto. 5-room, $3400; 3506 Stockton Blvd., Sacramento; owner J. Parino, 3514 Stockton Blvd.; Sacramento; contractor, Chas. Carson.
SHOP & STAGE SHED, $6000; 2809 S, Sacramento; owner, E. D. Brier, 813 J, Sacramento; contractor, E. D. Brier.
FLATS, 2-story (4) 4 rooms each, and garage, $10,500; 1028 S, Sacramento; owner, T. J. Gleason, 1022 S, Sacramento; contractor, Wm. C. Keating, 925 Forum Bldg., Sacramento.
DWELLING, 1-story 5-room, and garage, $2750; 3885 12th Ave., Sacramento; owner, Kirkman & Tupin, 4430 Solano Ave., Sacramento.
DWELLING, 1-story 6-room, $5000; lot 1277 W & K Tract 27 Sacramento; owner, S. L. Stone, 2641 41st, Sacramento; contractor, Gilkie & Lund 4108 14th Ace., Sacramento.
DWELLING, 1-story 5-room, and garage, $3100; 3924 Y, Sacramento; owner, A. J. Taylor, 3926 Y, Sacramento; contractor, John T. Hunt, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Amount
Oct. 29, 1923—N ½ OF E ½ LOT 4 D-E-23-24, Sacto. Frank Drake to whom it may concern.....
Oct. 29, 1923—LOT 1 K-L-11-12, Sacramento. Pac. Gas & Elec. Co. to whom it may concern....Oct. 22, 1923

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Oct. 29, 1923—LOT 2 BLK 5 WOODlake, Sacramento. Paul R. Opdyke to whom it may concern. Oct. 15, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Nov. 3, 1923—BLK 3 NO SAC SUB Sacramento. E. S. Carpenter vs No Sac Land Co & J. E. Harwood.$257.08

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

LATHING, ETC.
LOTS 8, 10, 12 AND 13 BLK 100 W of Center St., Stockton. Complete lathing and plastering, etc.
Owner—Bertha W. Dohrmann.
Architect—None.
Contractor—V. E. Hender and E. V. Cooke, Co-ptnrs., 2245 S-American St., Stockton.
Filed Nov. 1, '23. Dated Oct. 3, '23.
TOTAL COST, $4580
Bond, limit, forfeit, none. Plans and specifications, none.

RESIDENCE, $5300; No. 1529 N-Pershing St., Stockton; owner, F. P. Dobson, 1045 Vernal Way, Stockton
REMODEL, $3000; No. 2006 E-Weber St., Stockton; owner, Standard Oil Co., 630 W-Weber St., Stockton.
RESIDENCE, $4250; No. 827 N-Yosemite St., Stockton; owner, E. E. Thompson, 1438 N-Center St., Stockton.
REMODEL, $2500; No. 502 N-Aurora Ct., Stockton; owner, Dr. L. Dozier Elks Bldg., Stockton.
RESIDENCE, $5000; 2309 Beverly Place Stockton; owner, G. A. Altenhoff, 1417 N Hunter, Stockton.
REMODEL, $4600; 437 East Market, owner, H. E. Bengurel.
RESIDENCE, $3000; 730 N Orange, Stockton; owner, J. A. Salter.
DWELLING, $6000; 602 N El Dorado, Stockton; owner, Shaughnessy.
RESIDENCE and garage, $2750; 625 South Della, Stockton; owner, Louis Rubino.
RESIDENCE, $6000; 831 West Willow St., Stockton; owner, Mrs. E. F. Thompson.
RESIDENCE, $4500; No. 1857 Lomita St., Stockton; owner, G. Brava.
RESIDENCE, $4200; No. 826 N-San Jose St., Stockton; owner, J. W. Evans.
SHED, $3800; No. 241 S-Van Buren St., Stockton; owner, Western States G. & E. Co., Channel and Sutter Sts., Stockton.
RESIDENCE, $6000; No. 813 W-Willow St., Stockton; owner, Mrs. F. E. Thompson.
RESIDENCE, $3000; No. 227 N-A St., Stockton; owner, H. L. Fuller.
RESIDENCE, $3000; No. 1139 S-Hunter St., Stockton; owner, E. F. Goodrum, Yosemite Bldg., Stockton.
RESIDENCE, $3000; No. 1145 S-Hunter St., Stockton; owner, E. F. Goodrum, Yosemite Bldg., Stockton.
RESIDENCE, $3000; No. 1319 W-Park St., Stockton; owner, C. M. Rohrer.
BUILDING, $18,600; No. 214 E-Lafayette St., Stockton; owner, Choy Lie et al.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Oct. 27, 1923—FARMINGTON. TRUSTees of Shady Grove School Dist. to Ubels & Van Til.....Oct. 17, 1923
Oct. 31, 1923 — LOT 6 MOSSDALE Arthur C. Fisher to F. C. Gamache .....Oct. 24, 1923
Nov. 1, 1923—LOTS 17 TO 21 BLK 16 Fowler. First Presbyterian Church of Fowler to whom it may concern .....Oct. 25, 1923
Nov. 1, 1923—LT 36 SAMPLE ACRES J. A. Brown to whom it may concern .....Oct. 30, 1923
Nov. 3, 1923—LOTS 6, 8, 10 & 12 IN Blk 16 S Mormon Channel, Stockton. Casper Stein to whom it may concern .....Oct. 23, 1923
Nov. 2, 1923—W 38 FT. LOT 7 BLK 122 S Mormon Channel, Stockton. M. J. Drais to C. E. Totten. Oct. 27, '23

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Nov. 1, 1923—LOT 4 BLK 1, MAP OF City Park Terrace. George A. Kiley vs. W. T. Owens $200.93
Nov. 2, 1923—LOT 4 BLK 1 MAP OF City Park Terrace, Stockton. Geo. A. Kiley vs. W. T. Owens $200.93

BUILDING CONTRACTS

SAN MATEO COUNTY

BUILDINGS
LOT 6 BLK 22, Union Park, San Mateo. All work for two frame buildings.
Owner—George McCarthy.
Architect—None.
Contractor—Roderick McDonald.
Filed Oct. 30, '23. Dated Oct. 26, '23.
Roof up $2000
Completed 2000
Usual 35 days..... 1600
TOTAL COST, $5600
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW and garage, $3000; Lot 15 Blk 34, Howard Ave., Burlingame; owner, Geo. Ames.
ALTERATIONS, $1000; 329 Elm St., San Mateo; owner, F. P. Sinnman, 329 Elm St., San Mateo; contractor, S. A. Wisnom, A & 2nd Sts., San Mateo.
DWELLING and garage, $7900; Lot 9 Blk B Baywarda Ave., San Mateo; owner, Blanche Miner, San Mateo; contractor, Leadley and Wiseman, 207 2nd St., San Mateo.
ALTERATIONS, $3905; Lot 23 Blk 7, S. M. Heights, San Mateo; owner, Geo. W. Stollery, San Mateo; contractor, Leadley and Wiseman, 207 2nd St., San Mateo.
DWELLING, $7850; Lot 4 Blk A Hayward Park, San Mateo; owner, C. A. Wainwright, San Mateo, San Mateo; contractor, Leadley and Wiseman, 207 2nd St., San Mateo.
GARAGE, $2000; 325 Elm St., San Mateo; owner, Mrs. C. Stremaeir, 325 Elm St., San Mateo; contractor, H. T. Holsher, 58 Ellsworth Ave., San Mateo.
DWELLING, $3500; E 40 ft lot 1 blk 2 West Add., San Mateo; owner, Chas. Stephensen, 133 N "C" St., San Mateo.
DWELLING and garage, $5000; Lot 6 Blk 8 Wisnom Sub West Add., San Mateo; owner, Marie de Wells, San Mateo; contractor, E. S. Shaver, 765 Farrington Lane Burlingame.
RESIDENCE, 2-story, & garage, $9000; W ½ Lot 14 Blk 10 Bellevue Ave., Burlingame; owner, B. V. Hole, 1406 Bellevue, Burlingame.
BUNGALOW and garage, $6165; Lot 17 Blk 7 Barlolhet Ave., Burlingame; owner, Estella Little; contractor, C. Larsen, Burlingame.
BUNGALOW and garage, $4000; Lot 7 Blk 32 Sanchez Ave., Burlingame; owner, W. O. Nicolaides, 218 Peninsula, San Mateo.
BUNGALOW and garage, $6000; Lot 1 Blk 25 Balboa Ave., Burlingame; owner, F. O. Balle; contractor, W. O. Nicolaides, 218 Peninsula, San Mateo.
APARTMENT, 2-story, $27,000; Lot 1 Blk 9 Bellevue Ave., Burlingame; owner, Dr. A. L. Offield, Offield Bldg., Burlingame; contractor, C. Fowler.
RESIDENCE and garage, $4000; Lot 28 Blk 17 Capuchino Ave., Burlingame owner, Mrs. J. Lynch, Burlingame; contractor, Frank Ferra.
BUNGALOW and garage, $6000; Lot 4b Blk 7 Florabunda Ave., Burlingame; owner, W. S. Revelle; contractor, Jas. Watsen.
DWELLING, $1800; Lot 1 Byrnes Sub,, San Mateo; owner, Asher D. Brown, 414 Cypress Court, San Mateo.
DWELLING, $1000; S Fifth Ave. 114 E Bay View, San Mateo; owner, C. H. Targer, 1215 5th Ave., San Mateo
ALTERATIONS and additions, $5800; 25 W Bellevue Ave., San Mateo Park, San Mateo; contractor, L. Rcgamer, 65 N-H St., San Mateo.
BUNGALOW and garage, $6000; Lot 4 Blk 7, Florabunda Ave., Burlingame; owner, W. S. Revnle.
RESIDENCE and garage, $4000; Lot 28 Blk 17, Capuchino Ave., Burlingame; owner, Mrs. J. Lynch; contractor, Frank Ferrea.
DUPLEX bungalow and garage, $6000; Lot 11 Blk 14, Rhinette Ave., Burlingame; owner, Jenkins & Sterns.
MOVE and replace, $1000; No. 1050 Florabunda Ave., San Mateo; owner, W. S. Reuine.
ALTERATIONS and additions, $1500; No. 220 San Mateo Drive, Burlingame; owner, Mrs. McGee.
BUNGALOW and garage, $4000; Lot 15 Blk 17, Highway, Burlingame; owner, Hakon & Norell.
BUNGALOW and garage, $4000; Lot 4 Blk 9, Hale Drive, Burlingame; owner, Simonds & Simonds.
BUNGALOW and garage, $3600; Lot 36 Blk 48, Cabrillo Ave., Burlingame owner, L. V. Mellville.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Oct. 25, 1923—LOT 13 BLK "B" Hayward Park, San Mateo. Frank Johnson et al to Hammer & Hultberg.....Oct. 16, 1923
Oct. 25, 1923—PTN LOT 11, Hillsbrough Acres Margaret M Taylor to Cavanagh Bros.....Oct. 24, 1923
Oct. 26, 1923—LOT 27 BLK 6 STANfor Park No. 2, San Mateo. Saverio Sautoluce to whom it may concern .....Oct. 25, 1923
Oct. 26, 1923—LOTS 16 & 17 BLK D Pecks Sub, So. San Francisco. Michael P. Nevis to Charles E. Stahl; .....Oct. 19, 1923
Oct. 26, 1923—PART LOT 166 SAN Mateo Park, San Mateo. Gordon C. Hess to W. O. Nicolardes.Oct. 25, 1923
Oct. 29, 1923—LOT 1 BLK 5 BURlingame Park, Burlingame. Annie Angier to H. H. Zwick..Oct. 15, 1923
Oct. 29, 1923—LOT 22 BLK 28 EAston No. 2, Burlingame. Samuel M. Bloomer to John B. Glunz.Oct. 18, '23
Oct. 30, 1923—SAN BRUNO, Tanforan Park. Pacific Coast Jockey Club to Grace & Bernieri....Oct. 16, 1923
Oct. 30, 1923—LOT 4 BLK 27, Redwood Highlands. Stephen D and Matie A Tinker to whom it may concern.....Oct. 20, 1923
Oct. 30, 1923—LOT "N" BLK 6, Burlingame Terrace, Burlingame. Frank E and Mary S MacArthur to whom it may concern.....
Oct. 31, 1923—N VANCOUVER 8 N Broadway, ——. Thomas W Gisso to whom it may concern.Oct. 30, 1923
Oct. 31, 1923—LOT 196, San Mateo Park, San Mateo. A Gartin to whom it may concern..Oct. 30, 1923
Nov. 1, 1923—ON MARSH N OF Chestnut St. Redwood. Plant Rubber & Asbestos Co to R W Fallmer .....Oct 24, 1923
Nov. 1, 1923—LOT 11 BLK 9, Burlingame Tract, Burlingame. Emma Leslie to L H Stevenson.Oct. 30, 1923

Recorded Accepted
Nov. 5, 1923—LOT 37 BLK 8 SAN Carlos, Mercantile Trust Co. to Ben C. Zimmerman....Oct. 20, 1923
Nov. 5, 1923—LOT 15 BLK 11 BLGME Grove, Burlingame. Henry East to whom it may concern....Nov. 3, 1923
Nov. 2, 1923—LOT 10 BLK 17 EAston, Burlingame. Charles L. Bell to whom it may concern.Nov. 1, 1923
Nov. 2, 1923—LOT 23 BLK 60 EAston No. 7, Burlingame. Ethel L Putnam to whom it may concern .....Oct. 1, 1923
Nov. 2, 1923—LOT 8 BLK 16 BURlingame. Joseph A. Riordan to whom it may concern..Nov. 1, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Oct. 29, 1923—LOTS 23 & 24 EMERald Lake Park, nr. Redwood. Gray Thorning Lmbr. Co vs J. S. Mitchell L. G. & Frank D. Monckton..1152.73
Oct. 30, 1923—LOTS 11 AND 12 BLK 3, 4th Addition, San Bruno. San Bruno Lumber & Supply Co vs A Schmitt and Peter Gouzenes..$2213.05
Oct. 31, 1923—YOTS 13, 14 AND 15 Blk 6, Burlingame Grove, Burlingame. J A Groeling vs Martin T Kreshllu $60
Nov. 3, 1923—LOT 11 BLK 8 PALO Filed Sub, Burlingame.. San Mateo Fuel & Feed Co. vs. Jennie H. Salanne $144.1
Nov. 2, 1923—LOT 10 BLK 2 SWEEney Add., Redwood City. R. Baer vs George Isitt $30

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amoun
Oct. 27, 1923—LOT 10 BLK 7 LOMITA Park. Geo. L. Hatfield to G. H. Bragg $243.4

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

BUSINESS building, brick, $16,000 First St. near San Salvador St San Jose; owner, Drs. Hablutzel & Ledyard, Ryland Bldg.; San Jose architect, Chas. McKenzie, Bank o San Jose Bldg., San Jose; contractor, Chas. Thomas, 692 N-San Pedro St., San Jose.
COTTAGE, 4-room, $3155; Auzerais St near Gifford, San Jose; owner, John R. Byer, 87 Glen Eyre St., San Jose contractor, Main & Evans.
RESIDENCE, two-story 7-room, $10,430; William and Sixteenth Sts. San Jose; owner, Dr. E. R. Snyder architect—Chas. McKenzie, Bank o San Jose Bldg., San Jose; contractor, H. A. Spreen.
COTTAGE, 5-room, $3850; Hollywood near Rose St., San Jose; owner, E Horstman; contractor, Geary & Parker.
COTTAGE, four-room, $2700; Hull St near Prevost, San Jose; owner, Geo B. Wright.
RESIDENCE, two-story 9-room, $12,54 Sixteenth St. near William, San Jose; owner, F. Cornell, 656 S-First St., San Jose; architect, Chas. McKenzie, 90 S-16th St., San Jose contractor, Geo. Lindbloom, 471 W San Carlos St., San Jose.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

APARTMENTS (4), two-story frame $14,300; NE Bissell and Fourteenth Sts., Richmond; owner, J. N. Hartnett, 1411 Bissell St., Richmond contractor, A. L. Rector, 567 6th St., Richmond.
DWELLING, one-story frame, $3400 S Gaynor St., bet. 24th and 26th Sts., Richmond; owner, H. Anderson, Ross, Calif.; contractor, J. A Fagestrom, 1135 Chanslor.
RESIDENCES, two two-family, $500 each; Ninth St. near William St San Jose; owner, O. P. Holaday.
COMB. cottage and garage, $3500; Mastick St. near Willow, San Jose owner, A. L. Crosby and Paul Anderson.
COTTAGE, 5-room, $2000; No. 39 S Thirty-fourth St., San Jose; owner, Joe Ennis, 21 S-9th St., San Jose.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $3200 N-Downer St., bet. 24th and 26th Sts., Richmond; owner, Contra Costa Realty Co., 1002 Macdonald Ave., Richmond; contractor, Tandy & Thies, 234 Chanslor St., Richmond.
DWELLING, one-story frame, $3200 N-Downer St., bet. 23rd and 24th Sts., Richmond; owner, Contra Costa Realty Co., 1002 Macdonald Ave., Richmond; owner, Tandy & Thies, 234 Chanslor St., Richmond

LUMBER PRODUCTION OF P. C. NOTED IN REPORT

The following figures are part of a report on lumber production compiled jointly and indorsed by the State, private and Federal agencies in the Pacific Coast States for the Senate Select Committee on Reforestation. This report is published with many tabulations by the Western Forestry and Conservation Association. An appendix on Pacific Coast Forest Distinctions by E. T. Allen, Forester of the National Lumber Manufacturers' Association, is a valuable feature of the report:

CALIFORNIA stands fifth in lumber production. The lumber cut was: 1920, 1,482,000,000 board feet; 1922, 1,717,000,000 board feet. Value, $68,000,000 f. o. b. mills. Number of establishments, 309. Men employed, about 23,000.

OREGONstands second in lumber production. The cut (all products) is 3,800,000,000 board feet. Value, $100,000,000. Number of sawmills, 685. Men employed. 43,000. Percentage of entire industrial payroll, 65 per cent.

WASHINGTON stands first in lumber production. The cut (all products) is 7,000,000,000 board feet. Value, $175,000,000. Number of sawmills. 590. Men employed, 75,000. Percentage of entire industrial payroll, 65 per cent.

IDAHO stands thirteenth in lumber production. The cut was 550,077,000 board feet in 1921. Value, $16,338,763. Number of sawmills in 1921, 203. Men employed, 6663, or two-thirds of the state's industrial population.

MONTANA stands twenty-fourth in lumber production. The cut (all products) is 308,342,000 board feet. Value, $9,500,000 (exclusive of ties, poles, etc.) Number of establishments, 142. Men employed, 5000.

GRADE CROSSINGS IN STATE TO BE REMOVED

Announcement is made by the California State Highway Commission of a comprehensive program to remove eventually all grade crossings from California highways. When finished the program will involve an expenditure of $14,500,000, it is estimated.

The commission outlined its program as having three phases:

1—No grade crossings will be permitted hereafter on new highways.

2—Wherever repair or reconstruction of existing highways is in progress this work will include elimination of grade crossings.

3—All remaining grade crossings gradually will be eliminated as funds become available.

NEW CRUSHED ROCK SPECIFICATIONS ADOPTED BY LOS ANGELES

A long drawn out controversy over revision of specifications for crushed rock in Los Angeles City Specifications No. 125, was brought to an end by the adoption of a resolution by the city council instructing the city attorney to draw an ordinance to make effective recommended by the city engineer Griffin which will allow other rock than that which has heretofore conformed to the rattler test to be used in construction of the new Los Angeles outfall sewer. Following is the revised text of the specifications as recommended by the City Engineer which is to be incorporated in the new ordinance:

"Rock shall be of clean, waterworn pebbles, crushed boulders, or quarried rock or a mixture of these.

"(a) Rock for concrete to be used in curb and sidewalk shall pass a 1½-in. screen; not less than 30% nor more than 65% by weight shall pass a ¾-in. screen and not more than 5% shall pass a ¼-in. screen. Rock for all other concrete construction other than curb and sidewalk shall pass a 2-in. screen; and ot less than 30% nor more than 65% shall pass a ¾-in. screen and not more than 5% shall pass a ¼-in. screen.

"Rock for all cement work of Class A concrete, when subjected to rattler test specified in paragraph (f) Sec. 23, Spec. 125, shall not show loss of more than 42%.

"Rock for all other uses unless otherwise specified shall not show a loss of more than 50% when subjected to said rattler test.

"In addition to above specification requirements all concrete made from said rock shall be subjected to compressive test specified in paragraph (b), Sec. 20, Spec. 125.

"(b)) For bituminous pavements: Rock for use in all bituminous pavements shall be of sizes designated above and shall be uniform in quality and contain not less than 5% by weight of pieces having rounded surfaces and when subjected to rattler test specified in paragraph (f) hereof shall not show loss of more than 42%.—Southwest Builder.

HOME FINANCING TO AID IN CONSTRUCTION

Hiram S. Cody of the Chicago Trust Company has announced the plan of the Mortgage and Finance Division of the National Association of Real Estate Boards to extend the field of financing home building. The division is new, being formed last January, and is intended to aid in keeping up the normal flow of money into the real estate field and to increase this flow as rapidly as is consistent with safety and normal progress. Impressing the public, insurance companies, banks, institutions, and estates with the desirability of real estate mortgages as an investment will be the means used to accomplish the objects. It was pointed out that twenty-eight Chicago mortgage bankers have loaned $729,000,000 to builders without loss to a single investor, and that life insurance companies have been increasing their investments in this field. The work announced by Mr. Cody will result in the construction of an increased number of homes if expectations are realized.

PHILIPPINE MAHOGANY IMPORTS INTO UNITED STATES

The lumber imports from the Philippine Islands into the United States during August were 17,000 board feet of mahogany logs and 2,438,000 board feet of sawed cabinet woods. This amount of sawed cabinet woods was the largest monthly import during 1923 and equaled about 80 per cent of the total 1822 import and a little more than the total 1921 import. The 1921 import of sawed cabinet woods from the Philippines was 2,391,000 board feet, the 1922 import 2,901,000 board feet, and the total for 1923 up to the end of August 5,974,000 board feet.

PACIFIC ELECTRIC PLANS L. A. SUBWAY

The Pacific Electric Railway Company has applied to the State Railroad Commission for permission to construct and maintain a subway from Hill St. between 4th and 5th Sts. in the City of Los Angeles to Glendale Boulevard, crossing with its line of railroad at grade as an approach to said subway from Glendale Boulevard, the intersection of 1st and 2nd streets and Glendale Boulevard, Lucas Street, the intersection of Toluca and Emerald Streets, and the two intervening alleys, all in the City of Los Angeles. The petitioner states that it has acquired right-of-way for construction of said subway, with the exception of two lots, condemnation proceedings for which are set for trial in the Superior Court of Los Angeles County, November 16, 1923, and has expended in acquiring said right-of-way the sum of $834,647.50. A franchise for the construction of the tunnel and line of railway has been granted applicant by the City Council of the City of Los Angeles.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street **Phone Sutter 4400**

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., NOVEMBER 17, 1923

Published Every Saturday
Twenty-third Year No. 46

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., NOVEMBER 17, 1923 — Twenty-third Year No. 46

No. 818 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

U. OF C. CAMPUS HARE OF SITES IS REPORT

Funds are needed for the development of the University of California campus, according to Professor John Glen Howard, university architect. He declares that all available "artistic sites" have been used for the construction of new buildings, and that some action must be taken to beautify the remaining sites.

"New buildings placed in barren open spaces on the campus would be like gems kept in the kitchen," he states. "Funds are needed to construct backgrounds of trees and shrubs for the structures, which will be built in the future."

Strawberry Canyon and the creek running through Faculty Glade have been particularly neglected, he declares. Recent building activities at the university have changed the course of the creek and have filled the canyon with debris. The stream is carried through a tunnel under the stadium, and enters the campus through a second tunnel. Near the Student Union building a new bed has been made for the creek, but the walls should be covered with ferns and shrubs, according to Howard.

"The campus should inspire the students by its beauty," he says, "but beautiful buildings in ugly surroundings are like Cinderella in rags."

LIQUID OXYGEN EXPLOSIVE USED FOR ROAD CONSTRUCTION

Liquid Oxygen explosive has been successfully used in Colorado by the Department of the Interior in experimental mine blasting and road construction work at a cost of approximately one-half that of the gelatin dynamite required to do the same work. The experiments were conducted by E D. Gardner, mining engineer of the Bureau of Mines, in co-operation with a representative of the Compressed Air Corporation.

A liquid oxygen explosive consists of gas black, wood pulp or some other carbonaceous material made up into cartridges and soaked in liquid oxygen. This explosive can be detonated similar to ordinary dynamite with cap and fuse or with electric detonators.

The liquid oxygen was obtained from a plant designed to furnish oxygen gas and was shipped to the point of use in dewar flasks, which are made on the same principle as thermos bottles.

The first Colorado tests made by the Bureau of Mines were conducted with cartridges made in Germany, but later cartridges manufactured at less cost in Denver proved very much more satisfactory.

As the use of this explosive is new in this country, numerous tests and experiments were necessary to find a low-priced carbonaceous material which would have the desired qualities and to learn the technique of blasting with this new material.

Hand steel holes were blasted in granite on a road construction job above Idaho Springs, with results similar to those obtained with 40 per cent gelatin dynamite. Trees were also cleared from the right-of-way and a 200-ton cliff blasted down successfully. Instantaneous electric detonators and blasting battery were used for this work and no misfires occurred and no holes failed to break properly. The oxygen was taken to the job in an automobile and the quantity not used was taken back to Denver. The small-sized cartridges were made on the ground from German material.

Regular drift rounds were blasted on the 200 level of the Yak mine. The oxygen was expressed from Denver and a cartridge developed and made at Denver was used. Eleven and 13-hole rounds, 4 to 5 feet deep in a 7 by 8-ft. drift, in firm limestone, were successfully shot with the liquid oxygen explosive. The rounds were loaded and blasted by two men in 8 to 12 minutes, which was well within the life limit of the cartridges. The blasts were made according to the standard practice in western mines with time fuse and caps. The rounds were broken clean in each case and the broken material was finer than when blasted with 40 per cent gelatin dynamite. Disregarding the express charges on the oxygen, the cost of this liquid oxygen explosive was about one-half that of the gelatin dynamite needed to break the same round. As far as is known, these are the first blasts of regular drift rounds made in the United States.

Besides costing less, the liquid oxygen explosive is much safer to use than ordinary dynamite. There are disadvantages resulting from its use, however, and much is yet to be learned before it can be universally adopted in metal mines.

ROAD IMPROVEMENT DISTRICTS OFFER OPPORTUNITIES TO COMMUNITIES

Northern and Central California communities could profit by taking more advantage of the Road Improvement acts permitting the formation of local districts for the purpose of financing and building streets and roads of particular importance to the individual communities, according to H. J. Brunnier, chairman of the Good Roads Committee of the California State Automobile Association.

These districts, Brunnier points out can be organized under the state law for the purpose of making street and road improvements, assessing the cost of the work against the property directly benefited In many cases where the roads are of more than local importance the counties or municipalities often pay a part of the cost.

Brunnier says that this method of road improvement is particularly appilcable to many sections of this part of California where the people are reluctant to vote additional bonds placing the county under a heavier debt than it is carrying at present.

The authority under which the road improvement districts are organized is the Road District Improvement Act of 1917, as amended, which applies to highways not within the boundaries of incorporated cities and towns, and the Improvement Act of 1911 which applies to roads and streets within incorporated limits.

The improvements thus accomplished are paid for by district bonds which are redeemed by assessment against the property directly benefited although in many instances the various counties pay a large porportion of the cost where the improvement is of more than local importance.

"Many counties of Northern and Central California," Brunnier says, "have had heavy bond issues and have completed a system of highways but there still remain hundreds of miles of roads that need more improvement. Where the people are reluctant to place the county under a heavier bonded debt the work can be accomplished by a road improvement district."

"The new gasoline tax will provide a large increase in the revenue to the several counties. The supervisors of these counties could do nothing better than to promulgate a policy of paying a certain percentage of the cost of highway construction in these road districts. The announcement of such a policy would be an incentive to the formation of road districts."

"While the number of districts of this kind that have been formed in Northern and Central California are relatively few the plan has met with much success in the southern part of the state where hundreds of road districts have been formed," Brunnier said. "In Los Angeles county alone there are 261 districts organized under the Road District Improvement Act and 66 in the same territory that have been formed under the Act of 1911.

Third election will be held in Gridley High School District, Butte County, to vote bonds of $225,000 to finance construction of new high school buildings. Two previous elections failed to carry.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Insurance amounting to $3,638,076.69 has been paid to policy holders as a result of the Berkeley conflagration, according to a report made public by the Board of Fire Underwriters of the Pacific. The total amount of insurance carried was $4,387,130.24, while the value of insured property wholly or partially destroyed amounted to $7,987,-574.28, showing that property owners carried but 50 per cent insurance. Actual loss in the fire, the report said, will reach the original estimate of $10,000,000, as considerable property was destroyed which carried no insurance.

The campaign to put a water and power act before the voters again, in November, 1924, is under way. With the act that was voted down last year as a basis, its supporters are engagad in the work of revising the proposition preparatory to launching the initiative campaign necessary to secure a place on the ballot. The primary object of the water and power measure is to prevent the power corporations from gaining control of all of California's hydro-electric resources and to give The People direct control of the public power utilities.

Nearly 500 saw and shingle mills in British Columbia are producing approximately 3,500,000,000 feet of lumber and about the same number of shingles. For the current year the province's lumber cut is expected to be worth $85,000,000, and a survey of the world's market gives promise of a steady increase in exports. Direct shipments are at present made to China, Japan, India, Egypt, Australia, United Kingdom and the Atlantic ports.

That the United States is consuming timber six times as fast as it is being grown and the 156,000,000 acres of national forests are rapidly being used up was the statement made by Henry C. Wallace, secretary of agriculture, speaking before the apple exposition in Grand Central Palace at New York. "If we go on the way we have been doing, we will soon have to go to a museum to find a piece of sound timber."

Associated Press reports from Chicigo say: "Sheet metal workers have taken a position with latherers and plasterers in the affluent group of building mechanics. They have become so scarce here that they are being paid from $125 to $150 a week, and their helpers from $65 to $70, is was announced."

Colusa City trustees propose to purchase electric distributing system of Pacific Gas and Electric Company and operate the system as a municipal project.

Pacific Gas & Electric Co. appropriates $196,400 to construct private telephone line from Redding to Vaca-Dixon substation, a distance of approximately 188 miles.

Marin county supervisors contemplate a $600,000 bond issue to finance construction of a new county courthouse. Preliminary plans for the building have been prepared.

Building mechanics should not come to Berkeley with the expectation of obtaining work in rebuilding the portion of the devastated by fire, as little construction is taking place, according to a warning issued by the California State Building Trades Council. The statement added that owing to the winter let up in building there are more mechanics in the bay region than needed and in the past it has been necessary to take up public subscriptions to "maintain persons who come to Berkeley in answer to misleading promises of immediate work."

The action of the Fresno City Commissioners in adopting a resolution against patented pavements in an effort to save property owners' money in street improvements. will no go unchallenged. Efforts are being made by attorneys for Warren Brothers, who hold patent rights on Warrenite pavement, to reopen the subject at the next council meting. The contention of the city commission is that it can save substantial sums for the citizens of Fresno and at the same time improve a greater nnmber of streets by the use of unpatented products.

Philippine lumbermen anticipate a brisk business in Philippine lumber for reconstruction purposes in Japan. Nearness to Japan is one of the advantages to the islands. A demand for 10,-000,000 board feet of lauan is looked for within the next sixty days Oregon will be the principal competitor of the Philippiines. The Forestry Department has advised Manila lumbermen to keep their profits to the present levels.

Offices of the U. S. Reclamation Service will be moved to Denver, Colo., according to announcement of Dr. Hubert Work, Secretary of the Interior Department. Legal and accounting department of the service will be retained in Washington, D. C., for the purpose of convenience.

Outlines of a comprehensive building program to extend over eight years have been laid before the Budget Bureau by Secretary of Agriculture Wallace. The plan comprehends suitable housing for 4600 employes and involves an expenditure of $15,350,000.

L. C. Fraser, director of the Alameda County Builders' Exchange, in a talk before the Oakland Real Estate Board, declared "the high pressure salt water system of Oakland is practically worthless when it comes to combating a real conflagration."

Street improvements undertaken in the city of Sacramento from January 1 to November 1 of this year, totals $919,254.25, according to figures of City Manager H. C. Bottorff.

Oakland City Council plans bond issue for $1,000,000 to finance purchase of motor busses to solve transportation problem. Approximately 100 busses will be purchased if the issue carries.

John S. Edwards, 13 year old son of J. H. Edwards, secretary of the Healy-Tibbitts Construction Company, was killed in San Francisco by a street car, November 13.

ALONG THE LINE

A. E. Millington, Seattle engineer, representing California interests has completed a survey of the Shrimp Bay region near Ketchikan, Alaska, where it is proposed to erect a pulp mill with a daily output of 120 tons of newsprint. The plant will cost approximately $2,-500,000.

P. M. Stafford, civil engineer, formerly a member of the contracting firm of Brown and Stafford, of Madera, will open an office in that city for the practice of civil engineering. Sidney Clifton, Madera architect, will maintain offices with Mr. Stafford.

Wm. Stranahan, city commissioner of public works at Fresno, has introduced resolution to city council which prevents the use of any materials in street paving upon which a royalty is paid.

One hundred and twenty union plasterers in Seattle, Wash., demanded $2 a day increase in wages and quit the job when employers refused to meet the demand. The present scale is $10 a day.

Fred A. Ellenwood of Red Bluff and E. J. James of Ukiah have been appointed members of the State Board of Forestry by Governor Richardson. These appointments fill all existing vacancies on the board.

Marshal Hale of San Francisco has been elected to a newly created vice-presidency of the Victory Highway Association.

City Commissioner George F. Sharp has been named a member of the Fresno City Planning Commission, succeeding Glenn M. DeVore, resigned

Dr. James H. McBride, a member of the California State Immigration and Housing Commission since its organization in 1913 has resigned.

Allen E. Ransom, hydro-electric engineer, has opened offices in the Alaska Bldg., Seattle. He is associated with E. B. Hussey.

City of Santa Cruz will vote bonds of $135,000 Dec. 4 to finance construction of concrete and steel bridges and viaducts.

Kirtland Cutter, architect, formerly of Spokane, Wash., is now located at Long Beach, Calif.

C. J. Kubick, 60, plastering contractor of Oakland, died suddenly in that city November 9.

Plant of California Door Company, four miles south of Placerville, suffered a $20,000 fire loss on Nov. 8.

Hirschfeldt and Berry have opened the Bay City Lumber Co., at Davis and Clark Streets, San Leandro.

Clyde Laird has been appointed town engineer at Walnut Creek, Calif.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

SACRAMENTO HOD CARRIERS OUT ON STRIKE

A walkout of hod carriers at work on the new Sacramento high school additions, being built by the Matthews Construction Company, occurred Nov. 8. About eight hod carriers took part in the walkout. No other building operations in the city have been affected.

The strike follows a demand made several months ago for a n increase in wages of 60 cents per day, which was referred to the Sacramento Builders' Council, the Sacramento Builders' Exchange, Sacramento Master Builders and Brick Contractors. The request was refused by all concerned. No authorization for a strike has been issued by the builders' council, from which orders of this kind must emanate, according to a statement made by W. J. Leflar, secretary of the council.

Explaining the situation, he said:

"No strike of hod carriers has been authorized by the council, and I was not aware that there had been any walkout until today

"A request for a raise of 60 cents per day was made by the hod carriers some months ago at the same time that other building crafts made demands for increased wages. These were refused and there has been no further action taken up to the present."

According to officials of the Matthews Construction Company men to replace those who struck are expected at once and no further delays in building operations at the high school are expected.

ENGINEERS URGED TO CONTINUE AID IN PUBLIC SERVICE

Plans for the participation of Sacramento engineers in a nation-wide program of public development throughout the nation were outlined at a banquet held Nov. 15 by the Sacramento Chapter of the American Society of Civil Engineers.

In a speech which detailed the aims of the engineers' society by Secretary John H. Dunlap, Sacramento members were exhorted to join with other members of the national organization in increasing their activities in public service.

Dunlap declared the major problems facing the nation today were engineering matters, calling for solution by trained men.

Other guests at the banquet were Vice President C. E. Grusky and Divisional Director Walter L. Huber, both of San Francisco.

LUMBER STANDARDS REFERRED TO HOOVER

The central committee on lumber standards at its meeting in Chicago, October 31, approved specific final recommendations to the Department of Commerce on the subjects enumerated below and has transmitted a copy of these recommendations to Secretary Hoover:

1.—Standard lumber sizes, including minimum thicknesses, widths, and lengths.

2.—Standard basis of lumber measurement.

3.—Standard basic grade names (not including the detailed grade specifications).

4.—Shipping provisions.

The detailed recommendations are to be made public in a short time.

S. F. American Plan Decision

The Industrial Association of San Francisco and forty-nine other defendants, named by the United States Government in its suit to dissolve and enjoin the so-called building materials combine in San Francisco and bay counties from further alleged violation of the Sherman anti-trust law, has been ordered by Federal Judge M. T. Dooling to discontinue the use of its "permit system" in relation to the purchase of goods shipped into California in interstate commerce.

Dissolution Denied

Judge Dooling, however, declined to "dissolve the association or interfere with its general activities" on the ground that that was not necessary in enforcing strict observance of the requirements of the Sherman law. The court's order is that "a decree issue," enjoining the defendants from further enforcement of their "permit system" whereby, the government alleged, the defendants sought to and did control purchases of interstate goods in an alleged conspiracy to force the American plan or "open shop" upon the builders of San Francisco and adjoining counties.

Voluminous Opinion

In a voluminous opinion, Judge Dooling summed up the situation thus:

The defendants are acting in concert for the purpose of putting into effect and maintaining what is by them designated as the "American Plan" in the building industry in San Francisco and some of its neighboring counties. The American plan contemplates the employment of union and no-union men in equual proportions with a non-union foreman on each job.

The defendants will not be dissolved nor their general activities interfered with, but a decree will be entered enjoining them from requiring any permit for the purchase of materials or supplies produced without the State and coming here in interstate commerce, or for making as the condition for the issuance of a permit any regulation that will interfere with the free movement of plumbers' or other supplies produced without the State. They will also be enjoined from attempting to prevent or discourage any person without the State from shipping goods to any person whatever within the State.

Kuhl Statement

Max Kuhl, general counsel for the San Francisco Industrial Association in commenting on the decision said:

The attempt on the part of the United States Government to dissolve the Industrial Association and the Builders' Exchange and to abolish the permit system maintained in the building industries of San Francisco has failed, as we expected it would. That part of the decree of the court enjoining our requiring any permit for the purchase of materials or supplies without the state and coming here in interstate commerce is entirely satisfactory to us, as the permit system was created only to affect intra-state materials, such as cement, rock, sand, gravel and clay products. So far as plumbing materials are concerned, there has been no interference of any kind with them in more than a year.

Only those things which we have always frankly admitted no one had a right to do are restrained, while on the other hand, the things that we claim we had a lawful right to do we are permitted to continue to do.

The decree itself states: "The defendants will not be dissolved nor their general activities interfered with." This means, so far as the United States courts are concerned that the Builders' Exchange can continue in the operation of its effective permit system with the design to protect the American Plan in the building industries of San Francisco.

S. F. MATERIAL DEALERS MEET

The San Francisco Building Material Dealers' Association held its regular weekly meeting Wednesday, November 14, in the Builders' Exchange.

A feature of the meeting was the report of committees in charge of the meeting to be held in Oakland at which time a state-wide permanent organization of building material dealers will be perfected. The meeting will take place at the Hotel Oakland, a three day session, beginning Saturday, November 24th and ending Monday, November 26.

E. P. Tenney, president of the Oakland Building Material Dealers Association attended the meeting and reported that a one hundred per cent delegation would represent the Oakland dealers.

Following the regular business meeting of the San Francisco dealers Tenney conferred with Wm. H. George, Steve I. Guerin and Chas. Cadman, the committee in charge of a program of entertainment for the visiting dealers.

Wm. Feary, president of the San Francisco Building Material Dealers' Association annouces the state-wide organization is meeting with favor on every side. The Oakland meeting, he announces, will undoubtedly prove one of the biggest accomplishments of the material dealers in this section.

ELECTRICAL WORKERS AGREE TO ARBITRATE

Further progress toward the ending of the strike of the electrical workers in Portland, Ore., against the Northwestern Electric Company was made Nov. 12th at a conference between representatives of the men, the members of the State Board of Conciliation and L. T. Merwin, general manager of the company, according to announcement made following the meeting. Plans are being formulated for the return of the men to work pending arbitration of the demand for an increase of from $7.20 to $8 in basic pay.

MASTER BUILDERS ELECT

L. G. Gould was elected president of the Master Builders' Association of Sacramento at the annual meeting held at the chamber of commerce rooms in Sacramento.

Other officers elected include the following: Frank P. Williams, first vice president; C J. Hopkinson, second vice president; L. G. Siller, secretary; Frank Maloney, treasurer, and H. W. Robertson, sergeant-at- arms. Robertson is the retiring president.

(Continued on Page 9)

BUILDING CONSTRUCTION COMPANY BEING ORGANIZED IN TOKYO

A huge building construction company is being organized in Tokyo for the purpose of undertaking the construction of commercial and industrial buildings on the unit basis, says a report received by the Far Eastern Division of the Department of Commerce from its representative at Tokyo. This company plans to specialize in four-story reinforced concrete buildings designed to withstand earthquake shocks. Such material as cannot be obtained locally or which cannot be supplied in standard specifications will be obtained abroad, it is announced.

Funds for the promotion of this new company will, according to present plans, be obtained in large part from the Government at a low interest rate. At present the company is marking time awaiting the announcement of the plans of the Capital Restoration Board as to the areas set aside for industrial and business purposes, etc.

The announcement of the general plans for reconstruction as worked out by the Reconstruction Board are expected any day. Meanwhile, temporary construction is in progress in a big way in Tokyo and Yokohama but permanent building, is, of course, being delayed until after promulgation of regulations designating industrial and commercial zones, height of buildings, materials to be used, etc.

It appears at present that in addition to securing abroad a large part of the iron and steel and lumber that goes into the permanent reconstruction, considerable quantities of cement will have to be imported as well. Ordinarily Japan exports considerable cement but the enormous demand that is bound to come with the commencement of permanent building activities, coupled with the destruction of about 8 per cent of Japan's cement production, will be greater than the industry can meet.

The annual capacity of Japan's cement mills was, before the earthquake, in the neighborhood of 14,000,000 barrels and plans are under way which will, within six months' time, bring this up to 17,000,000 barrels, notwithstanding the losses suffered by the earthquake. Until such time as this increased output is brought about, it is expected that the domestic supply will be inadequate and that considerable cement will have to be imported. In anticipation of this need, the Government has placed cement on the free list effective until March 31, 1924.

Conservative bankers in Tokyo are advocating a program of reconstruction spread over a period of 20 years and financed in most part through the flotation of domestic loans. In order to keep the yen on an even keel, however, they favor the flotation of foreign loans sufficient to cover all purchases made abroad.

TWO MILLION DOLLAR TUNNEL PROJECT STARTED

The Southern Pacific Company has started crews working on the new tunnel two miles long through the Sierras as part of the company's double-tracking program on the Ogden route, according to word from Summit, Placer County.

The tunnel tracks will be on a level of 120 feet below the altitude of the present route. The tunnel will be used for eastbound track, while the present tracks will be used for the westbound.

The work is to continue throughout the Winter. Railroad officials hope to have men and equipment under cover of the new bore's natural roof before the heavy snows set in.

Cost of construction is placed at $2,000,000. The time required to complete the tunnel is fixed at fourteen months.

Coast Building Permits Show Thirty-Four Per Cent Gain

A gain of 34 per cent over last October and 23 per cent over September of this year was made in the issuance of building permits during October of this year by 49 cities in the seven Pacific Coast states, according to the "National Monthly Building Survey" of S. W. Straus & Co. The month's total was $45,276,791, as compared with $33,586,537 for October, 1922, and $35,998,019 for September of this year.

California, with an October total of $39,404,012, gained 40 per cent over October of last year and 33 per cent over September of this year in 28 cities reporting.

In 14 cities of the Northwestern states, Oregon, Washington, and Idaho, a total of $4,973,195 of building permits were issued, a gain of but one per cent over last October and a loss of one per cent from September's totals.

The Intermountain states, Utah, Nevada and Arizona, with seven cities reporting, showed a total of $899,584, which is a four per cent gain over last October but a 56 per cent loss from the September figures.

Los Angeles holds her place among the foremost cities with an October total of $20,054,872, a gain of 77 per cent over last October and of 33 per cent over September. The Los Angeles figures represent 45 per cent of the entire Pacific Coast total and 52 per cent of the California total reported in this survey.

San Francisco, with a $3,793,374 total lost 19 per cent from last October but gained 30 per cent over September. Fresno made a remarkable increase, 127 per cent over October and 365 per cent over September, with a total of $1,392,081. Long Beach reported $2,336,695 for October, a gain of 87 per cent over last October and 66 per cent over September.

Oakland, with $2,759,208, set a new high record, this figure being 14 per cent over last October and 28 per cent over September. Berkeley and Alameda also report heavy building, the former $1,224,225. The total for the three East Bay cities, $4,113,312, is a 46 per cent gain over last October and 37 per cent over September.

Portland is fourth on the list of Pacific Coast cities for October with a total of $2,566,335, which is 68 per cent over last October and eight per cent over September.

Seattle's building program, after showing important annual gains for five successive months, has fallen off appreciably for October, reporting $1,219,270, a 45 per cent reduction from last October and 13 per cent from September of this year.

The figures for each city and totals for the seven states are given in the following table compiled from official building department reports by S. W. Straus & Co.

	Cost
California	
Alameda	$ 129,879
Alhambra	949,840
Bakersfield	155,827
Berkeley	1,224,225
Chico	28,572
Compton	172,075
Eureka	95,000
Fresno	1,392,081
Glendale	805,506
Long Beach	2,336,695
Los Angeles	20,541,872
Modesto	34,480
Oakland	2,759,208
Pasadena	1,062,362
Pomona	161,295
Richmond	142,828
Riverside	172,580
Sacramento	448,897
San Bernardino	221,105
San Diego	1,318,147
San Francisco	3,793,374
San Jose	207,040
Santa Ana	401,578
Santa Barbara	213,540
Santa Cruz	73,000
Santa Monica	519,810
Stockton	323,700
Vallejo	116,496
Total, 28 cities	$39,404,012
Washington	
Aberdeen	$ 53,525
Everett	61,675
Hoquiam	28,829
Seattle	1,219,270
Spokane	183,892
Tacoma	275,636
Vancouver	298,550
Walla Walla	22,875
Yakima	19,660
Total, 9 cities	$ 2,163,912
Oregon	
Alhambra	$ 549,840
Portland	2,566 335
Salem	112,475
Total, 3 cities	$ 2,771,135
Idaho	
Boise	$ 32,448
Twin Falls	5,700
Total, 2 cities	$ 38,148
Total Northwest	$ 4,973,195
Utah	
Logan	$ 25,000
Ogden	47,100
Provo	51,950
Salt Lake City	481,955
Total, 4 cities	$ 606,005
Nevada	
Reno	$ 25,710
Arizona	
Phoenix	$ 217,424
Tucson	49,445
Total, 2 cities	$ 266,869
Total Intermountain	$ 899,584
Total Pacific Coast Cities	$45,276,791

1923 LUMBER EXPORTS TO BE 375,000,000 FEET

More than 375,000,000 feet of lumber will be the total export mark for this year by North Pacific Coast mills according to statistics announced at Seattle by officials of the Douglas Fir Exploitation and Export Company, an organization comprising the majority of the export mills. The lumber is valued at an average of $25 per thousand feet.

More than 70,000,000 feet of lumber has been booked for shipment during the remainder of the month, stated the officials.

In another statement applying to domestic selling activity, issued recently by the West Coast Lumbermen's Association, it was shown that 129 district mills reporting to the association for the week ending October 27 had a production of more than 22 per cent above normal. During this period 106,706,000 feet of lumber were manufactured; sales aggregated 102,692,000 feet and shipments were 106,570,000 feet.

In the first forty-three weeks of 1923 production reported to the West Coast Lumbermen's Association has aggregated 4,338,796,916 feet; new business, 4,391,000,000 feet, and shipments, 4,521,368,000 feet.

FAVORABLE PROGRESS MADE ON DEVELOPMENT WORK IN MEXICO

Conditions in Mexico are very promising, according to a statement received today from H. B. Titcomb, Pres. of Southern Pacific Railroad Company of Mexico, who has just returned to his office at Tucson, Arizona, from an inspection trip of the West Coast lines of the Company.

"During the year up to September 1, 1923, there were 12,603 carloads of freight handled, as against 7,862 for similar period in the previous year, which shows the trend of business and the increasing traffic," Mr. Titcomb stated. "Furthermore, we have just completed shipping 249 carloads of garbanzo by rail through to New Orleans or destined, in bond, for interior points in Mexico.

"To take care of this increase in business, there has been ordered additional rolling stock for 1924 delivery, consisting of 12 locomotives and 75 large capacity steel underframe box cars.

"Work on the extension of the line to complete the gap between Tepic and La Quemada is now progressing very satisfactorily, following the long period of very heavy rains in the states of Nayarit and Jalisco. There have been nine miles of tracks completed and an equivalent of approximately four miles of additional grade.

"This 103 mile gap is fast taking on the aspect of great activity. The contractors' forces are now working north from La Quemada for a distance of five miles and have grading forces spread over approximately thirty miles of grade south from Tepic. All told, there are upwards of 1600 men employed, 750 mules, besides steam shovels, concrete gangs, etc.

"Culverts are being completed ahead of the grading and piers are being placed to carry the five large viaducts across the Arroyo Salado, Arroyo Grande, first and second crossings of the Miravalles River and Zapote Arroyo, involving the construction of 1915 feet of viaduct.

"The contracting forces are working on four tunnels in the Miravalles canyon. This will involve 2600 lineal feet of tunnel work which however, is only a small porportion of the 27,000 lineal feet of tunnel to be constructed. Work on the other tunnels in the Darrancas territory will be started very soon in order that no delay may be had in the ultimate construction of the line which should be completed by January 1, 1926.

"It is expected the contractors will have at work on this line within the next thirty days 3000 men and 1000 mules, besides several steam shovels. The construction of this line from Tepic to La Quemada involves a total expenditure of nearly $11,000,000 United States currency."

Mr. Titcomb said the work for rehabilitating the present main and branch lines along the Mexican west coast was advancing rapidly, as well as the construction of several new stations. A new ice plant at Empalme is nearing completion.

The comprehensive plans for rehabilitation and construction work in Mexico will involve within the next few years approximately $16,000,000 United States currency, Mr. Titcomb stated.

Nearly 85 per cent of shingle mills of British Columbia have closed down, following a similar close in Washington and Oregon. Shingle trade has been at a low ebb for nearly a year and prices were never as poor as at present, it is reported.

West Coast Lumber Output Shows Increase Over Last Year

The West Coast Lumbermen's Association reports on production, orders and shipments, for the first forty-four weeks of the past four years, follow:

	Lumber—Ft. Production	Lumber—Ft. Orders
1923	4,448,650,960	4,475,126,841
1922	3,708,766,176	3,509,506,055
1921	2,304,012,216	2,448,061,873
1920	3,372,574,491	2,628,633,834

Production, thus far this year, has been 19.95% greater than in the same period for 1922; 93.8% greater than in 1921; and 31.91% greater than in the first forty-four weeks of 1920.

New business, thus far this year, has been 27.51% greater than the same period in 1922; 82.80% greater than in 1921; and 70.25% greater than the first forty-four weeks of 1920.

One hundred and twenty-nine mills reporting to the association for the week ending November 3, manufactured 109,354,044 feet of lumber; sold 83,801,089 feet; and shipped 102,915,836 feet.

Production for reporting mills was 24 per cent above normal. New business was 24 per cent below production. Shipments were 23 per cent above new business.

Fifty-two per cent of all new business taken during the week was for future water delivery. This amounted tod 43,844,958 feet, of which 21,383,389 feet was for domestic cargo delivery; and 22,461,569 feet export. New business by rail amounted to 1113 cars.

Forty-eight per cent of the week's lumber shipments moved by water. This amounted to 49,459,705 feet, of which 34,111,975 feet moved coastwise and intercoastal, and 15,347,730 feet overseas. Rail shipments totaled 1563 cars. Auto and team deliveries totaled 6,566,131 feet.

Unfilled domestic cargo orders totaled 126,611,661 ffet. Unfilled export orders 173,782,351 feet. Unfilled rail trade orders 4333 cars.

In the first forty-four weeks of the year, production reported to West Coast Lumbermens Association has been 4,448,650 feet; new business 4,475,126,841 fet, and shipments 4,624,284,673 feet.

INTERIOR DEPARTMENT CONDUCTS CLAY TESTS

Co-operative work between the Department of the Interior and the Central of Georgia Railway to determine the value for ceramic use of various clay deposits of Georgia have been concluded at the Ceramic Experiment Station of the Bureau of Mines, Columbus, Ohio. The work was divided into five parts: Clay washing; laboratory work on the crude and washed clays; manufacture and testing of refractory materials; manufactunre of vitrified face brick; and manufacture of white ware.

Dashing tests on some of the most promising clays were made in the special washer developed by the Bureau of Mines. These tests, supplemented by laboratory tests to determine the burning, shrinkage and other properties of the clays, showed that some of the clays were suitable for manufacture of white ware. Others proved to be excellent filler material, and the Southern station of the Bureau of Mines is using these washed clays in plant practice tests in the filler trade..

The clays selected in general are, if properly prepared, suitable for the manufacture of refractories. Therefore, 20 tons of a selected clay were made up into fire clay shapes at a large manufacturing plant in accordance with plant practice. These bricks hvae ben tested in doors and roof of an electric furnace for melting steel, in oil fired furnaces; for steel-pouring ladles; in boiler settings; in ceramic kilns, and as bungs in furnaces for making malleable iron. They gave exceptional service in practically all tests

Experiments are in progress to develop face brick from certain of these clays, and present results indicate that a satisfactory product will be obtained. The purpose of this work is to produce a vitreous, buff-face brick, which type of brick cannot be made from materials at present in use in the South. The bricks dry well and when properly made burn to a pleasing buff without checking.

Semi-commercial scale tests at two plans show that several of the Georgia clays can be used in floor tile bodies. In wall-tile bodies a much smaller proportions of clay is desirable to prevent checking. Factory tests on white ware and electrical porcelain are in progress.

OCTOBER BUILDING IN FRESNO EXCEEDS ALL RECORDS

October building in Fresno eclipsed any previous month in regard to value of buildings erected. It pushed the first ten months of 1923 total to within 80 thousand dollars of the remarkable record set for the first ten months of 1922.

The month witnessed, however, a campaign of building that none of the months of last year's record came anywhere near, except the closing month of 1922.

The building values in a comparative table follow:

October, 1923, $1,361,276. October, 1922, $563,025.

First 10 months of 1923, $4,926,091. First 10 months of 1922, $4,987,528.

September of 1923, $264,278.

December of 1922 nearly touched the uneclipsed record of last month, they dying month of 1922 piling up a building record of $1,231,812.

Alterations and repair of buildings last month totaled $30,805, bringing the total building operations of all sorts last month to $1,392,161.

COPPER ROOFING REQUIRED IN JAPAN

Inquiries for copper roofing to be used in rebuilding the devastated Japanese cities were made of the Copper and Brass Research Association. It is understood that these inquiries are from sources representing the Japanese government. Except for modern American construction in Tokio and Yokohama, all houses were roofed entirely with large, hand-made clay tile. These made a very heavy roof which, when the earthquake tremors first came, caused heavy casualties by falling on the fleeing people in the streets, and by their weight brought about a complete collapse of many houses which might otherwise have resisted the earthquake shocks.

It is understood that the Japanese government has already issued an order forbidding the use of heavy roofing materials, and is endeavoring to obtain roofing of the lightest possible weight, which is at the same time fireproof and earthquake proof.

TRADE NOTES

W. J. England and B. K. Smith, well known to the plumbing trade throughout the state and in Honolulu, are now operating the business that was formerly Kiernan & O'Brien, under the new name of the Smith Company, Plumbing & Heating Engineers. Mr. England first entered the plumbing business in San Francisco in 1888, as a partner in the firm of Striegel & England. Since that time England has successfully operated shops in San Diego, Honolulu, Vallejo and other cities.

Fisher Brothers Planing Mill, formerly located at 141 West Channel St., Stockton, has been moved to Weber Ave. and East St., where with new buildings, increased floor space and modern equipment, especially designed for economy of operation, will enable the company to render unexcelled service. The company makes the announcement in a novel four-page folder which features a photograph of its main office building.

San Joaquin Lumber Co. of Stockton is celebrating its thirteenth birthday. That the company is proud of the fact is shown by a full page advertisement in the leading Stockton newspaper, which carries the following message—"1019-1923, Thirteen years ago the San Joaquin Lumber Company opened for business in Stockton, inaugurating—at the same time—a new standard of lumber service founded on—Quality, Dependability and Service."

Southern Aluminum Co. of New Orleans, one of the largest aluminum concerns in the country, has selected Oakland as its Pacific Coast distributing point and will erect a large plant in the vicinity of Emeryville. W. C. Drolet of Oakland has been appointed Pacific Coast representative for the company.

C. M. Long has established the Auburn Concrete Products Co. at Auburn, Wash. Long came from Minnesota three years ago and established a plant in Kent, Wash. Due to a better market for his products in the Auburn territory he decided to locat his plant in that city.

Stockholders of the E. K. Wood Lumber Company will meet January 21 in San Francisco to consider the increase of the company's capital stock from $5,000,000 to $10,000,000.

McCartney and Brinkman have opened a wood novelty manufacturing plant at 1104 Bryant street, San Francisco. Equipment is being installed in the plant for the manufacture of dry concentrators, used in the mining industry.

Truscon Steel Company plans erection of a large plant in Portland. The first unit, according to present plans, will be of steel and concrete construction and will cover a ground area of approximately 120 by 140 feet.

Plant of W. P. Fuller Co., at Sacramento completely destroyed by fire, Nov. 9. Building loss is estimated at $50,000 and stock at $150,000.

Home Manufacturing Co., Inc., woodworking establishment, has opened new and larger quarters at 552 Brannan Streets, San Francisco. Ernest Held is manager.

Training of More Apprentices Big Factor to Building Trades

The matter of training apprentices in the public schools has never been considered either feasible or desirable but from the thought and consideration the subject is receiving in all parts of the country there has come about a very great change. Boys are being taught the various trades in the industry of building in nearly every leading city. There was a time not long ago when organized labor was at least not in favor of any such possible rapid increase in the ranks of skilled mechanics but today there is a decided change in interest shown and actual co-operation for under the old method it is realized the ranks broken by old age cannot be filled nor the increasing demands met.

Large numbers of foreign skilled mechanics before the war flocked to this country but a restricted immigration and home demands have cut this source of supply to almost nothing even though it is almost compulsory in Europe for the mechanic to thoroughly master his trade.

Because of the great shortage of skilled labor the demand is so great that it is not remarkable that contractors should resort to "snowballing" their men from their competitors by offering a higher wage and so boost the already high cost of building another notch. Nor is it remarkable that the men themselves take advantage of the situation and demand honuses and overtime on top of a high wage.

Wisdom would seem to dictate that about the only thing to do to get wages adjusted at a reasonable scale is for every one directly interested and the public at large to get behind every effort to train young men and boys in these trades.

It would scarcely seem that many contractors could be found who would not be willing to co-operate by taking on those boys as apprentices for part time and help them for the balance while in school.

It will take some sacrifice on the part of the public and the contractors but the increasing need is staring them in the face and this system of securing more and better mechanics for the future seems the only practical solution of this grave problem.—O. S. Hughson in Manufacturer.

John P. Maxwell, of Maxwell Hardware Co., Oakland, plans to operate magnesite mine near Chinese, Tuolumne county. A large brick kiln is being completed to burn the material.

Tom Pritchard Planing Mill, capitalized at $50,000, has been incorporated in Fresno. Directors are: T. J. Pritchard, Jas. T. Senior and Julius Hansen.

Wm. Smith Lumber Co. of San Francisco has leased property extending across the foot of 18th avenue, Oakland, and will establish a mill and wharf to cost $10,000.

Plant of the Sun Portland Cement Co., at Baker, Ore., has started operations with a capacity of 1000 barrels a day. The plant and equipment represents an expenditure of approximately $2,000,000.

Interlocking Cement Tile Company has purchased site of 10,000 square feet at Forty-fifth avenue and Clement street, Oakland, and will erect a plant for the manufacture of interlocking tiles. The company has established a building department under the direction of David Young, engineer.

BRICK PLANTS BUSY

Current reports of 132 brick manufacturers doing business in 43 states show exceptionally healthy conditions obtaining in that industry.

Eastern plants are running at full time and will continue until freezing weather stops operations. Those plants equipped for winter running will continue throughout the interim before the coming season.

Operations are at the usual volume in nearly all parts of the country. The orders on the books, according to current reports, have increased during the past 30 days, while the stocks of burned brick are just about holding their own.

The brick manufacturer generally has never looked to residence construction for a market. Co-operative advertising effort, however, has been directed largely to the home builder and the results attained have caused the manufacturers to think more seriously of this market.

PORTLAND CEMENT COMPANY ACQUISITION DENIED

On November 7th, the Daily Express of London printed a story to the effect that the Associated Portland Cement Manufacturers, Ltd., had passed into the hands of the newly organized Associated Anglo-Atlantic Corporation. The newspaper said that a London stock broker for some time had been buying in the open market shares of the Portland company and had finally obtained a controlling interest.

The article has raised considerable stir in financial and commercial circles, and the exact relationship between the old and the new companies is something of a mystery at the moment.

The secretary of the Portland company has informed the London newspapers that the statement that the Anglo-Atlantic had obtained control of the Portland was "directly contrary to the actual facts," adding that the Portland's directors had long been aware of the purchase of stock in their company to a considerable amount. These shares were being acquired, the secretary said, by a financial group with which the directors for some time had been in "friendly communication." The total acquisitions in nowise amount to control, he said.

E. L. HUETER DEAD

Ernest L. Hueter, father of Ernest C. Hueter, past potentate of Islam Temple, died Friday evening at his home, 2898 Vallejo street, San Francisco, at the age of 73 years.

At one time Hueter was president of the Bass-Hueter Paint Company, California Ink Company and San Francisco Pioneer Varnish Company, but retired from business a few years ago. He was first vice-president of the Loring Club, of which he was a charter member; a director of the Schmidt Lithograph Company and treasurer of the Mercantile Crude Oil Company.

Until illness forced his retirement Hueter was a member of the foreign trade department of the San Francisco Chamber of Commerce. He also was a member of the board of governors of the San Francisco Musical Association, Olympic Club and Commonwealth Club.

SANTA CRUZ LUMBER COMPANY IS ORGANIZED

Articles of incorporation of the Santa Cruz Lumber Company have been filed ta Canta Cruz. The new company, which is financed by George N. Ley and Hyman Steen, of Steen & Ley, as well as by a score of Santa Cruz business men, involves the taking over by the new corporation of the entire properties of Steen & Ley and includes the new purchase of more than 1300 acres of standing redwood from the Henry Cowell Lime & Cement Company, in the northeastern section of Santa Cruz County, along the Saratoga road, and involves in all a valuation of $270,000.

The new company is incorporated for twenty years and its five directors are Frank J. Hoffman, Samuel Leask, Geo. N. Ley, Hyman Steen and James R. Williamson, all businessmen of Santa Cruz and Felton.

The capital stock of $270,000 has been fully subscribed, the principal stockholders being George N. Ley and Hyman Steen. Eight other stockholders have subscribed $10,000 each in the new corporation. The complete list of stockholders is as follows: Byrne Brothers, R. Danneberg, Ryland Drennan, H. E. Emigh, Enterprise Machine Works, W. M. Grimm, Hamilton & Church, Myrtle Hertz, F. J. Hoffmann, Trella Jensen, Samuel Leask, George N. Iey, James Maddock, W. S. Moore, ester Reiff, N. A. Sinnott, Hyman Steen, Andrew Sturm, J. E. West, James R. Williamson and Williamson & Garrett.

The new company will soon start operations on the 1300-acre tract and will mill the lumber on the ground and ship it out through Boulder Creek. It is estimated that there is about a ten year's run of timber on the tract.

PUBLICATIONS

The Sales and Advertising booklet of the Save the Surface Campaign for the first six months of 1924 is off the press and contains a number of sound, practical, and efficient plans for lengthening the painting season by means of local dull season sales drives. Plans for the coming drive are clearly outlined The purpose is to aid master painters and distributors of paint and varnish in mastering the fundamentals of modern merchandising. Copies are available for distribution at the cost price of 7 cents each and may be secured from the Save the Surface Campaign, 507 The Bourse, Philadelphia.

"National Plastic Relief Ornaments" is the title of a new edition of a familiar catalog. Ready for mailing. This book contains hundreds of photographs of stock mouldings, pilasters, capitals, cartouches, and so on, and should prove a valuable 80-page reference publication for the files of every architect, general contractor, and plasterer. It is issued by the National Plastic Relief Manufacturing Company, 907 Evans St., Cincinnati, Ohio.

Anthony Company, Long Island City, New York, has issued a pamphlet on the Anthony Nebulyte oil burner. It is claimed that the latter may be used as as means of producing, distributing and controlling heat through furnaces as the operator wishes.

White Bros., 5th and Brannan Sts., San Francisco, has issued a new booklet entitled "Encyclopedia of Hardwoods." Copies will be mailed on request.

CONCRETE IS ANCIENT HIGHWAY MATERIAL

The first known concrete highway was laid down by the Romans in England, between Westchester and London. Excavators uncovered several sections, in excellent condition. Apparently the material was a natural cement mixed with pebbles and worked into a roadbed about twelve inches thick.

The art seems to heve been lost for nearly two thousand years, the next example being in Edinburgh, Scotland, in 1872, when some concrete pavements, still in use and good condition, were made.

In our own country, Bellefontaine, Ohio, gets credit for being the first municipality to experiment with cement streets, in 1893. But it is really Wayne County, Michigan, the Detroit automobile factory region, which made the concrete highway known to the nation. This early experiment was in 1907. In 1909 less than half a million square yards of concrete were laid (perhaps fifty miles), while in 1921 more than sixty million square yards were laid (more than 7,000 miles).

One of the great advantages of concrete is the low cost of hauling, its surface being less resistant to tractive effort than any we know. Dnyamometer measurements show that the tractive force required to move a wheeled ton of weight on a level road are, for concrete, 32.5 pounds; for asphalt, 77 7 pounds; for brick, 51.8 pounds; and for earth, 134.7 pounds.

A taxi company so situated that it drove one set of cars almost entirely on dirt roads and another set almost entirely on concrete roads, reports that it cost 2.4 cents less per mile to operate the taxis on the cement road than on the dirt roads.

There are 12,000,000 automobiles in the country. If they average the low amount of 3,000 miles each per year, the total miles driven is 36,000,000,000. At 2 cents a mile saving, the sum of $720,000,000 a year could go towards building hard surface roads, which income would build 24,000 miles of permanent highways every year.

TO INCREASE MEXICAN LUMBER OUTPUT

Production of lumber in Mexico amounts to approximately 750,000,000 feet annually. This is expected to be increased soon, as several mills will begin operations with the expectation of cutting not less than 2,000,000 feet monthly. The largest operator is at present handling 3,000,000 feet monthly.

Present output is insufficient for domestic consumption, excepting certain hard woods. Importations are confined primarily to pine, oak, poplar and especially timbers used in building derricks for oil well drilling, while exports are mostly from Tabasco, Chiapas and Compeeche Mahogany lumbering was once the main industry of these states, but it has greatly declined as all timber close to transportation has been cut. Several railroads have been projected within the past few months to open up interior country for logging.

PLANS FOR VETERANS' HOSPITAL GOING AHEAD

Plans and specifications for the proposed U. S. Veterans' Hospital to be erected at Livermore, Alameda County, are being prepared by the Construction Division of the United States Veterans' Bureau at Washington, according to L. H. Tripp, Chief of the Construction Division of the Bureau, in a communication to the Building & Engineering News, under date of November 3.

Mr. Tripp advises that the plans are nearing completion and it is expected the project will be placed on the market for bids in the immediate future.

The plans, Tripp advises, will provide for a group of buildings with stuccoed hollow tile walls, reinforced concrete floor slabs, Spanish tile and composition roofing and the necessary mechanical facilities.

ORGANIZATION NEWS

(Continued from Page 5)

"OPEN SHOP" LEGAL—DECISION OF U. S. COURT

The "open shop" is legal, and the California law which forbids employers exacting pledges from employes not to join labor unions is void. Such was the decision of the United States Circuit of Appeals, handed down in Los Angeles, Nov. 13.

The decree was an affirmation of the decision of the United States District Court of Los Angeles, enjoining labor unions from organizing the non-union workers of the Pacific Electric Railway in Los Angeles. The injunction is made permanent. It is directed against the Brotherhood of Railway Trainmen and the Brotherhood of Locomotive Engineers.

The opinion contains nearly 10,000 words. The Court of Appeals finds that the contract exacted of its employes that they deal in all disputed matters with the company as individuals is legal and binding, despite the provision to the contrary in the State Penal Code, of which the judges say:

We are of the opinion that this statute of the State is void.

The Judges of the Court of Appeals declares as "fact admitted or proved to be true" that the following interference by the unions constituted "activities without lawful excuse."

1—Unionizing the employes of the Pacific Electric Railway Company and drawing them into a controversy in which they had no substantial cause of complaint.

2—Calling strikes after organizing 1,200 of the 1,500 employes.

3—Striking when the country was at war in the face of wartime emergency and in the face of the Presidential proclamation that there should be no strikes or lockouts during the war.

4—Striking while the complaints of the employes were being submitted by the railway company to a representative of the United States Department of Labor for adjustment.

"These activities interrupted the railway company's business in intrastate and interstate commerce to its irreparable damage. The decree of the District Court is affirmed,' the opinion concludes.

EXPECTS 30 MILLION DOLLAR BUILDING YEAR FOR CITY OF OAKLAND

There is no letup in Oakland building activities, according to E. W. Shaw, secretary of the Builders' Exchange of Alameda county, who points out that during the month of October building permits to the value of $2,759,208 were issued.

"And a distinctive feature of this building is that $2,610,540 was for new work while only $148,668 was credited to alterations and repairs," said Shaw. 'In other words, Oakland is putting up new structures. This is a building gain of 14 percent over last October and 28 percent over September of this year.

"The combined building activities of Oakland, Berkeley and Alameda reached $4,113,312 in October, which is a 46 per cent gain over October a year ago and 37 per cent gain over September this year.

"Everything points to 1923 being a banner building year with at least $28,000,000 and possibly nearer $30,000,000 for the year in October alone."

Building News Section

APARTMENTS

Plans Being Prepared.
APT. HOUSE Cost, $80,000
SAN FRANCISCO, Larken St.
Five-story class C reinforced concrete apartment house.
Owner—B. Getz.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Contracts Awarded.
APTS. STORES Cost, $125,000
SAN FRANCISCO, SE Ellis & Taylor Streets.
Six-story and basement class "C" reinforced concrete apartments and stores, (14 2-room apartments and 7 stores), cement exterior to ground.
Owner—W. F. Perkins.
Architect—E. E. Young, 2000 California Street, San Francisco.
Concrete work to F. Moller and R. De Luca, Call Bldg., $18,000.
Painting to A. A. Zelinsky & Co., 180 Jessie St., $2945.
Plumbing to Gilley Schmid Co., Inc., 198 Otis St., $12,647.
Plastering to E. O. Ward $11,702.
Heating to C. Petersen Co., 390 6th St., $2952.

Contract Awarded.
APARTMENTS Cost, $19,000
SAN FRANCISCO, NE 17th and Irving.
Two-story & basement frame (6) Apts.
Owner—Mrs. H. E. Jones, 316 Walnut St., San Francisco.
Contractor—Arthur H. Klahn, 1324 21st Ave., San Francisco.

SANTA MONICA—See "Hotels," this issue.

Plans Being Prepared—Sub-Figures To Be Taken Shortly.
APT. HOUSE Cost, $15,000
BERKELEY, Alameda Co., Cal., Hillgard St.
Two-story frame and stucco and brick veneer apt. house (steel girder basement construction for garage.
Architect — Miller & Warnecke, Call Bldg., S. F. and Perry Bldg., Oakland.

Plans Being Prepared.
APT. HOUSE Cost, $20,000
BERKELEY, Euclid Ave.
Two and 3-story frame and plaster apt. house with T & G roof (9 2-room apartments).
Owner—Withheld.
Architect—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Plans Being Prepared.
APT. HOUSE Cost, $70,000
OAKLAND, 19th St. opposite Apple.
Three-story and basement frame and stucco apt. house with T & G roof (30 2-room apts.)
Owner—Withheld.
Architect—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Plans Being Prepared.
APTS. & STORE Cost, $12,000
OAKLAND, Bond St., near Fairfax.
Two-story frame and stucco apt. and store bldg. (3 3-room apts. with T & G roof and 3 stores).
Owner—Withheld.
Architect—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Plans Being Prepared.
STORE & APTS. Cost, $15,000
OAKLAND, Corner Fairfax & Foothill Boulevard.
Two-story frame and stucco store and apt. bldg. (2 4-room apts. and 3 stores with T & G roof).
Owner—Withheld.
Architect—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Contract Awarded.
APT. HOUSES $10,500 each
OAKLAND, NE 41st & Market St. and S 41st 50 W Market.
Two 2-story 12-room frame apt house buildings.
Owner—N. S. Guson.
Contractor — California Builders Co., 1534 Franklin St., Oakland.

LOS ANGELES, Cal.—Archt. Harry Genser, 207 Hibernian Bldg., is completing plans for a 3-story apt. bldg., to be erected on Exposition Blvd., bet. Vermont and University Aves., for Mr. Murstein and Mr. Neft, of Seattle; it will contain 75 apts. Three-sto, frame constr., triangular, dimensions, 272x126 ft., comp rfg., hardwood fls., aut. elec. elevator, tiled baths and drainbds., elec htg., basement, refrigerating system, incinerators, ornam. iron work; there will be a large lobby and ballroom. Bids will be taken in about two weeks on gen. and separate contracts.

LOS ANGELES, Cal. — H. G. Hills 3016 W 9th St., has had plans prepared and will erect a 60-rm. 30-apt. bldg. at n.e. cor. of Edgemont St. and Fountain Ave. for himself. Three-story, 90 by 125 ft., brick walls, press. brick front, comp. rfg., pine trim, marble and tile work, wall beds, oak and pine fls., water htrs., gas rads.; $80,000.

LOS ANGELES, Cal.—H. B. Saunders Jr. Orpheum Bldg., has prepared plans for a 59-room 27-apt. bldg. to be erected on Pasadena Ave., bet. Ave. 40 and Ave. 50 for Max Klass, 4835 Pasadena Ave. Three-story, 55x112 ft., frame and plas. constr., tile and comp rfg., pine trim, oak and pine fls., tiled baths, wall beds, water htrs., gas rads; $60,000.

BONDS

MARYSVILLE, Yuba Co., Cal.—Trustess of Feather River Union School District purchase 3-acre site on which it is proposed to erect new school, bonds of $30,000 for which will be voted at an election to be held Nov. 24.

BAKERSFIELD, Kern Co., Cal. — Election will be held Nov. 24 in Old River School District to vote bonds of $26,000 to finance construction of new school. C. A. Paul and Styles Williams, trustees of district.

FAIRFIELD, Solano Co., Cal.—Until Dec. 3, bids will be rec. by county supervisors for purchase of $14,000 bond issue of Rio Vista Joint School District proceeds of sale to finance school improvements.

ALHAMBRA, Cal.—Election will be held Dec. 18, to vote $600,000 bond issue for additions to elementary and high school bldgs. and for the purchase of a site for a new high school. The issue will be divided as follows: $250,000 for additions to the present high school plant and for a new site; $350,000 for addition to the elementary schools.

SAN DIEGO, Cal. — Local board of education will add $400,000 to elementary bond issue proposed. The total will be $1,250,000. An election will be held soon.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS $1.25 Net F.O.B. SF
Contains 60% Crude Carbolic Acid in Insoluble Form
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF.
PHONE SUTTER 5917

REDWOOD CITY, San Mateo Co., Cal.—Until Dec. 3 bids will be rec. by supervisors for purchase of $15,000 bond issue of Burlingame Grammar School District; proceeds of sale will finance school improvements.

CHURCHES

Bids In and Under Advisement—Contracts To Be Awarded Shortly.
CHURCH Cost, $60,000
SAN FRANCISCO, SW Courtland and Ellsworth.
Two-story & basement concrete church
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—Geo. McCrea, 369 Pine St., San Francisco.

To Take Bids Shortly.
CHURCH Cost, $18,000
ESPARTO, Yolo Co., Calif.
Brick church.
Community Church of Esparto; Don Russell, chairman of building committee, Esparto, Calif.
Architect—Glenn Allen, 41 S Sutter St., Stockton.

SAN LEANDRO, Alameda Co., Cal.—Rev. Monroe Drew, pastor, Presbyterian Church, announces purchase of Burroughs property in Estudillo Ave., extending to Callan Ave., on which it planned to erect $50,000 edifice. Plans are yet to be prepared for the structure.

FACTORIES AND WAREHOUSES

Preliminary Plans Being Prepared — Contract Awarded.
FACTORY ETC. Cost, $250,000
SAN FRANCISCO, Mariposa, Alabama, Florida and 17th Sts.
Reinforced concrete factory, office and warehouse.
Owner—Lyons Cal. Glace Fruit Co., 535 Folsom St., S. F.
Designer & Contractor—Geo. Wagner, 251 Kearny St., S. F.

Plans Being Figured.
LOFT BLDG. Cost, $30,000
SAN FRANCISCO, E 11th St 150 S Harrison St.
Two-story and basement reinforced concrete loft bldg. for paint shop.
Owner—Louis R. Lurie.
Lessee—J. J. Mohr & Son, Inc.
Architect—O'Brien Bros. 315 Montgomery St., San Francisco.

Plans To Be Prepared.
WAREHOUSE Cost, $—
SAN FRANCISCO, NW 4th and Townsend.
Reinforced concrete warehouse or factory.
Owner—R. J. O'Brien and E. Rhine, 608 Alexander Bldg., S. F.
Designer & Contractor—Kiernan and O'Brien, Alexander Bldg., S. F.
Leases are now pending.

Plans Being Prepared.
WAREHOUSE Cost, $1,000,000
SAN FRANCISCO, Blk bounded by 16th 17th, Harrison and Division sts.
Four-story and mez. floor reinforced concrete terminal warehouse bldg.
Owner—Chas. Rhine and Richard J. O'Brien, 608 Alexander Bldg., S. F.
Plans are being prepared in the office of owners, associates of Kiernan & O'Brien.
Negotiations are well under way, according to Rhine, with an Eastern warehouse company, which contemplates leasing the entire plant.

Contract Awarded.
FACTORY Cost, $11,800
SAN MATEO, San Mateo Co., Cal., Taylor Addition.
Three-story reinforced concrete factory.
Owner—R. S. Gibson, care Penn Furn. Shop, San Mateo.
Architect—Alfred Kuhn and Thos. M. Edwards, 833 Market St., S. F.
Contractor—L. Dloguardi, San Mateo.

Plans Being Prepared—Figures To Be Taken In Two Weeks.
LOFT Cost, $50,000
SAN FRANCISCO, 11th St.
Two-story reinforced concrete scenery painting loft.
Owner—Louis R. Lurie.
Lessee—Rosenthal Entertainers, Inc.
Architect—O'Brien Bros, 315 Montgomery St., San Francisco.

Contract Awarded.
ADDITION Cost, $45,000
SAN FRANCISCO, W Folsom 140 N Eighteenth St.
Two-story concrete addition to dyeing and cleaning works.
Owner—J. Allec, Premises.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Buschke & Brown, 185 Stevenson St., San Francisco.

SAN JOSE, Santa Clara Co., Cal.—Beech-Nut Co., of Calif., Wm. T. Cox, San Jose, manager, is having plans prepared for a 42 by 82 ft. reinforced concrete and terra cotta tile addition to the present plant at Fourth and Margaret streets. Addition will be used for manufacture of hard candies.

WASCO, Kern Co., Cal. — Wasco Creamery will expend $20,000 in additions to present plant. New equipment will be installed. H. G. Hull is president of company.

OAKLAND, Cal.—Southrern Aluminum Co., of New Orleans, one of the largest aluminum concerns in the U. S., has selected a site in the Emeryville district and plans early construction of a modern factory. W. C. Drolet, 485 Boulevard Way, Oakland, has been appointed Pacific Coast representative for the company.

OAKLAND, Cal. — Interlocking Cement Tile Co., 82 9th St., Oakland, has purchased site containing 10,000 square feet at 45th Ave. and Clement St., Oakland, and will erect plant for the manufacture of building tile. E. Selman is president of the company and E. L. Chase, plant superintendent.

KETCHIKAN, Alaska—A. E. Millington, Seattle engineer, representing California interests, has completed survey of Shrimp Bay region, on which it is proposed to erect pulp mill with daily output of 120 tons of newsprint. Est. cost of plant is $2,750,000.

CASTROVILLE, Monterey Co., Cal.—Mitchell-Silliman Co., owners of a large Del Monte Junction warehouse, near Castroville, recently destroyed by fire, will rebuild the structure at once, according to Oscar Silliman of Castroville, head of the firm. Plans and spec. have been prepared for a bldg. to cost in the neighborhood of $100,000.

SAN FRANCISCO—The American La France Fire Engine Company, 151 New Montgomery St., manufacturers of fire apparatus, of Elmira, N. Y., announced its purpose of building a $200,000 assembling plant, service station, office and show rooms in San Francisco.
A. W. McKenzie of the company's home office is now in San Francisco making preparations for the building work, which, according to his plans, will be started within thirty days.

LOS ANGELES, Cal.—Until 10 a. m., Nov. 30, bids will be received by harbor comm., 312 Byrne Bldg., for the construction of a steel transit shed, 600 by 97 ft., north of the Lukenbach sheds on pier 1, outer harbor. Est. cost $100,000. Guy W. Wade, secy.

SANTA CRUZ, Santa Cruz Co., Cal.—Geo. W. Wood, local director of the Poultry Producers of Central California, 28 Water St., is taking bids to erect a structure for the association in Santa Cruz. Plans on file at above office.

LONG BEACH, Cal.—Pacific Steel Corp. (T. T. C. Gregory of San Francisco) has exercised its option on 230 acres of land at Long Beach for a 600-ton blast furnace and by-products ovens. The option calls for a purchase price of $2,000,000 and the city of Long Beach has been given a bond guaranteeing the construction of a plant costing a minimum of $5,000,000 within 2 years. This agreement also contemplates the construction of a 100-mi. extension of the Santa Fe line from Gallup, N. M., to Farmington, for coal supply from the San Juan Basin. Preliminary to taking up the project, the steel corporation has tested various iron ore properties in So. Cal., including the Vulcan deposits in San Bernardino county near the Nevada state line. Tests have also been made of various lime deposits in this part of the state.

PORTLAND, Ore.—Truscon Steel Co. will erect first unit of large plant in this city; will be 120 by 132 ft., steel and concrete construction.

BENICIA, Solano Co., Cal. — S. H. Beetem, manager of the California Rex Spray Co., announces work has been started on a four-story, 44 by 56 ft. addition to the present plant. The addition will be used for the manufacture of household disenfectants.

FLATS

Plans Completed.
FLATS Cost, $13,000
SAN FRANCISCO, W Mason 34 N Green
Three-story and basement frame (3) flats.
Owner—Jos. De Martini, 1836 Mason St., San Francisco.
Architect—Paul F. Demartini, 946 Broadway, San Francisco.

Contract Awarded.
FLATS Cost, $11,000
SAN FRANCISCO, S Bay 127 E Gough.
Two-story & basement frame (2) flats.
Owner—Dr. C. C. Taylor.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—M. A. Little, 535 Geary St., San Francisco.

Contract Awarded.
FLATS, ETC. Cost, $12,000 & $7000
BERKELEY, Alameda Co., Cal. No. 1745-7-9-51 and 1741-3 Arch St.
Two-story 12-room frame flats and a one-story 8-room 2-family dwlg.
Owner—Mrs. J. B. Herriman.
Architect—None.
Contractor—R. O. Long Co., 2114 Shattuck Ave., Berkeley.

ANNOUNCING
Our New Location
601-609 MISSION ST.
Corner of Second
C. F. WEBER & CO.
San Francisco

Contract Awarded.
FLATS Cost, $12,000
BERKELEY, Alameda Co., Cal. No 1751-3-5 Walnut St.
Two-story 12-room frame flats.
Owner—J. W. Cardwell.
Architect—None.
Contractor—J. Henry Wolbold, 1709 Sonoma Ave., Berkeley.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, S Union 137-6 W Powell.
Two-story & basement frame (2) flats.
Owner — Charles De Benedetti, 472 Columbus Ave., San Francisco.
Architect—L. Mastropasque, 580 Washington St., S. F.
Contractor—G. Fracchia & C. Rosina, 36 Cunningham Place, S. F.

Plans Being Figured.
ALTERATION Cost, $6000
SAN FRANCISCO, 35th Ave. near Clement.
Alter 2-story frame residence into two flats and basement garage.
Owner—Withheld.
Architect — Arthur G. Scholz, Phelan Bldg., San Francisco.

GARAGES

LOS ANGELES, Cal.—Home Foundation Co., 215 Merchants National Bank Bldg., has the contract to erect a 4-story class A garage and store bldg. at 6th St. and Kenmore Ave. for Clarence A. Doody. Walker & Elsten, 330 Pac. Finance Bldg., archts. Cost, $280,000. Dimensions, 150x150 ft., reinf. conc construction, stucco exter., plate glass, steel sash, metal skylights, elevators.

GOVERNMENT WORK AND SUPPLIES

KEYPORT, Wash.—Bureau of Yards and Docks, Navy Department, is preparing Specification No. 4926 for one-story extension to operating building at Naval Radio Station at Keyport, Wash. Bids will be asked shortly.

OAKLAND, Cal. — Uptown Association, Geo. E. Shelden, secy., will urge U. S. Government to purchase $500,000 site for a new postoffice building in Oakland. The location of the proposed structure has not been made public.

SAN FRANCISCO — Postoffice Department has rejected proposals recently received to erect additional postoffice quarters in San Francisco for lease to the Government. New bids have been asked to be opened Nov. 22.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, for fur. materials to navy yards; date for opening bids as noted at end of each paragraph:
Schedule 1550, for Mare Island, 2500 gals. asphalt varnish, Dec. 4
Sched. 1551, for eastern and western yards, miscellaneous mineral oil, kerosene, Dec. 4.
Sched. 1555, for Puget Sound, 25 rolls template paper, Dec. 4.
Sched. 1556, for South Brooklyn and Mare Island, 1570 safety treads, Dec. 4.
Sched. 1559, for eastern and western yards, miscellaneous files, Dec. 4.
Sched. 1560, for Mare Island, 944 lbs. turbine blade shrouding, Nov. 20.
Sched. 1562, for various eastern and western yards, miscellaneous magnesia pipe covering, Dec. 4.
Schedule 1563, for eastern and western yards, miscellaneous twist drills, Dec. 4.
Sched. 1565, for eastern and western yards, miscellaneous taps, dies, etc., Dec. 4.
Sched. 1566, for Mare Island, 21,300 lbs. steel floor plates, Dec. 4.
Sched. 1568, for Mare Island, 19,000 gals. raw linseed oil, Nov. 27.

HILO HARBOR, T. H. — Hawaiian Dredging Co., Honolulu, H. T., at $340,000 awarded cont. by U. S. Engineer Office, Honolulu, to const. breakwater in Hilo Harbor.

PEARL HARBOR, T. H.—Bureau of of Yards and Docks, Navy Department, Washington, D. C., has completed Specification No. 4911 and bids will be asked shortly for extension to storehouse, Naval Operating Base, Pearl Harbor. Structure will be two story reinforced concrete with built-up roof, elevator, plumbing, electric light and power system. Prospective bidders may obtain plans for Bureau on deposit of $20.

WESTPORT, Wash.—Bids are being received (date not set) by Supt. of Light Houses, Portland, Ore., to construct reinforced concrete power house and a reinforced concrete fog signal shelter and tower at Gray's Harbor Light Station, Westport, Wash. Further information obtainable from above office.

WASHINGTON, D. C.—The following blds on Nov. 7th by the Bureau of Yards and Docks, Navy Department for extensions to building at the Naval Operating Base, Pearl Harbor, under specification No. 4910.

Allen Pope, Washington	$44,000
W. F. Martens, Rochester	56,500
Walker & Ohlen, Honolulu	58,000
Hawaiian Contr. Co., Honolulu	63,922

SAN DIEGO, Cal.—Navy Department contemplates establishment of an electrical training school at San Diego. New structures will be erected to house the departments.

SAN FRANCISCO—Until Nov. 26, 10 a. m. bids will be rec. by U. S. Engineer Office, 85-2nd st., under Order No. 4947, for purchase of certain condemned Government property no longer required and which includes axes, chisels, hammers, wire rope, truck, cistern pump, wrenches, shovels, etc., etc. Further information together with complete lists of materials available obtainable from above office.

WASHINGTON, D. C.—Until Nov. 27, 10:30 a. m. bids will be rec. by Purchasing Agent, Panama Canal, under Circular No. 1572, for fur. and del. Balboa, (Pacific Port: Gasoline engines, journal jacks, fire hose, nozzles, diving dresses, life preservers, mop heads, redwood lumber, and Douglas fir timbers. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., November 8, 1923—SEALED PROPOSALS will be opened in this office at 3 P. M., Dec. 6, 1923, for New Lighting, Etc., in the United States Post Office and Court House, Sacramento, Calif., in accordance with specification and drawing, copies of which may be had at this office, or at the office of the Custodian, Sacramento, Calif., in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

HALLS AND SOCIETY BUILDINGS

STOCKTON, San Joaquin Co., Cal.—Stockton Lodge of Knights of Columbus will select site shortly on which it is proposed to erect modern lodge building. A site in the residential section will probably be selected.

TULARE, Tulare Co., Cal.—Archts. Swartz & Ryland, Rowell Bldg., Fresno have completed preliminary plans for a $100,000 2-story brick lodge bldg. for the Tulare Lodge, B. P. O. E. Construction will not be started until spring.

HANFORD, Tulare Co., Cal.—Archts. Swartz & Ryland, Rowell Bldg., Fresno are preparing preliminary plans for a 4-story steel and brick lodge bldg. to be erected for the Hanford Lodge, B. P. O. E. Cost, bet. $125,000 and $200,000. Two different sketches have been made one calling for a 2-story bldg. entirely devoted to lodge purposes, and the other, a 4-story bldg. to contain lodge rooms, stores an offices.

HOSPITALS

Plans Being Figured—Bids Close Dec. 22, 1923, 11 A. M.
HOSPITAL BLDGS. $1,000,000 Approx.
LIVERMORE, Alameda Co., Cal.
Group of about 12 hospital buildings with stuccoed hollow tile walls, reinforced concrete floor, slabs, Spanish style, tile and composition roofing.
Owner—U. S. Veterans' Hospital.
Architect — Construction Division of the Bureau, Washington, D. C.
Plans may be obtained from the Construction Division, U. S. Veterans' Bureau, Room 791-A Arlington Bldg., Washington, D. C., or from Wm. H. Radcliffe, Bureau Representative, Livermore, Cal. Deposit of $100 required.
See official call for bids under Official Proposals.

Commissioned To Prepare Plans.
HOSPITAL Cost, $100,000
SAN FRANCISCO, Jackson & Trenton.
Reinforced concrete hospital, height not decided.
Owner—Chinese Six Companies.
Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.
Plans were previously prepared by Architects O'Brien Bros.

Contract Awarded.
CARPENTRY ETC. Cost, $12,900
SAN FRANCISCO, NE Anza and 6th Avenue.
Carpentry work, mill work, lathing, plastering, hardware, tiling, plumbing, electric work and painting for addition to hospital.
Owner—French Hospital.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—H. H. Larsen Co., Monadnock Bldg., San Francisco.

Plans Being Figured—Bids Close Dec. 4, 2 p. m.
WARD BLDG. Cost, $70,000
SPRINGVILLE, Tulare Co., Cal.
Concrete Childrens' Tuberculosis ward building, tile roof.
Owner—Counties of Tulare and Kings.
Architect—Anton Johnson, Kingsburg.
Bids will be received by county clerk at Visalia, Tulare County, or at Hanford, Kings County, Calif.

LOS ANGELES, Cal.—Until 11 a. m., Dec. 3, bids will be received by the board of supervisors for erecting a psychopathic bldg. at the county farm. Separate bids for general contract, electric wiring, plumbing, heating and service piping. The bldg. will be 1-sto. 276x38 ft., with two wings, each 216x27 ft.; brick and conc. constr., shingle rfg.

MADERA, Madera Co., Cal—See "Machinery and Equipment," this issue. Bids wanted for mangle.

RIVERSIDE, Riverside Co., Cal. — Cresmer Manufacturing Co., Riverside was low bidders at $155,000 on general contract, including terrazzo, painting and wiring for erecting new hospital bldg. at Riverside for Community Hospital Assn. Myron Hunt, 1107 Hibernian bldg., archt. Lohman Bros. were low at $26,175 on heating; H. H. Armbrust, Anaheim was low at $16,330 on plumbing; and French & Maloney were low at $7000 on tile rfg. The bids were: General Contract—Cresmer Manufacturing Co., $155,000; Ramey Bros., $175,552; Campbell Constr. Co., $180,631.36; J. A. Wolvin, $182,974; Winter Construction Co., $199,484; Wm G. Reed $214,838. Heating—Lohman Bros., $26,175; W. E. Creller, $27,997; Western Engr.-Constr. Co., $27,425; E. O. Nay Co $27,940; Thos. Haverty Co., $28,000; H. H. Armbrust, $30,559; S. Hill & Son, $32,556; L. Z. Brown, $34,163. Plumbing —H. H. Armbrust, $16,330; W. E. Creller, $18,307; A. M. Lines, $21,840; E. O. Nay Co., $23,458; S. Hill & Son, $23,987. Tile Roofing—French & Maloney, $7000 C. L. Passmore, $7300; R. G. Blessing, $7500; J. A. Drummond, $9377.

HOTELS

Contracts Awarded.
ADDITION Cost, $—
SALINAS, Monterey Co., Cal., 150 Main Street.
Four-story reinforced concrete class C hotel addition (cement exterior & composition roof).
Owner — Cominos Hotel, 150 Main St., Salinas.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

General Contract

R. O. Summers, 17 North First St. San Jose	$63,639
E. Nommensen, San Jose	64,467
C. L. Wold, San Francisco	69,765
R. Littlefield, Oakland	69,814
H. R. Sherman	72,950

Contract awarded to R. O. Summers.

Electrical work

Roy Butcher, 68 S Willard St., San Jose	$1552
Century Elec. Co., San Jose	1901
Salinas Electrical Works	2050

Contract awarded to Roy Butcher.

Heating

Anderson and Daugherty, 225 Main St., Salinas	$1605
W. F. Serpa, San Jose	2424
W. K. Nottingham, Oakland	2444
F. F. Studer, San Jose	4900

Contract awarded to Anderson and Daugherty.

Plumbing

B. E. Underwood, Salinas	$12,140
Anderson & Daugherty, Salinas	12,895
W. F. Serpa, San Jose	14,977

Contract awarded to Anderson and Daugherty.

LOS ANGELES, Cal.—L. A. Smith, 3rd St. and Western Ave., is completing plans for a 12-story and basement class A hotel bldg. to be erected at n.e. cor. of Orange and Loomis Sts. for Arthur W. Mortimer, Chapman Bldg., and assoc. It will contain 275 rooms with 100% baths; dimensions, 98 by 152 ft., reinf. conc. construc., comp. rfg., hardwood and pine trim, tiled baths, elevators, stea mhtg., vacuum cleaning $1,000,000.

Phone Mission 2607
Ree. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Sub-Bids Wanted From S. F. Firms.
HOTEL-APTS. Cost, $150,000
SANTA MONICA, L. A. Co., Cal.
Four-story class A reinforced concrete hotel-apartments.
Owner—Miramar Hotel Co.
Architect—Wm. W. Ache, 1616 4th Ave. Los Angeles.
Contractor — Guttleben Bros., I. W. Hellman Bldg., L. A.
Sub-figures are being taken by architects Miller & Warnecke, Perry Bldg Oakland for brick and hollow tile work, plastering, painting, etc.

EUGENE, Ore.—Harry Hutton, formerly of the St. Francis Hotel at Albany, Ore., heads company to erect $225,000 hotel building. Will be 7-story concrete, 160 by 100 ft. Project is fully financed and construction will be started this winter.

LOS ANGELES, Cal.—Archts. Pierpont and Walter S. Davis, and H. W. Bishop, assoc., Wilshire Blvd. and Fairfax Ave., are revising plans for a class C hotel bldg. to be erected at Carthay Center, Wilshire Blvd. and Fairfax Ave., for the J. Harvey McCarthy Co., H. W. Hellman Bldg.; it was originally planned for 100 rooms but 65 rooms will be added with 100 per cent baths, lobby, dining room, kitchen, etc. Brick walls, 2-story and basement, tile rfg., steam htg., storage water htr., plas. exter., tiled baths, marble, O. P. and hardwood fls, pipe and hardwood trim.

LOS ANGELES, Cal.—Archt. Alfred F. Priest, 719 Fay Bldg., L. A., has completed plans and is taking bids for erecting a five-story class B hotel and apartment bldg. at nw cor. Brand Blvd. and California St. for Glendalia Hotel Co. Dimensions, 100 by 104 ft., five stores, lobby, 100 rooms and 72 baths. There will be 24 apartments; remainder of rooms will be single rooms. Steel frame, brick walls, ruffled brick facing, plate glass, marble and tile work, comp. rfg., pine and hardwood trim, wall beds, steam htg., two elevators. Cost, $265,000.

POWER PLANTS

Sub-Figures To Be Taken Shortly.
POWER PLANT Cost, $250,000
SAN FRANCISCO, Stevenson St., between 5th and 6th Sts.
Steel frame and reinforced concrete building for steam plant, 70x100 (Station "T")
Owner—Pacific Gas & Electric Co., 445 Suter St., San Francisco.
Architect—Engineering Dept. of owner
As reported before, the steel has been awarded to the Brode Iron Works, and the excavating, erection of bulkheads and barracades awarded to P. Montague, 180 Jessie St., S. F., $10,734.
The installation of mechanical equipment (boilers etc.) has been awarded to C. C. Moore.
Sub-figures will be taken y the Purchasing Department of the owner in aout two weeks for the ornamental and miscellaneous iron, composition roofing, steel sash, sheet metal work, steel rolling door, mill work, plumbing, exterior plastering and glazing.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

Completing Plans—Figures To Be Taken In Two Months.
SUB STATION Cost, $280,000
OAKLAND, 21st St. bet. Grove and Station L.
Two-story reinforced concrete with steel frame sub station.
Owner—Pacific Gas & Elec. Co.
Architect—Engineering Dept. of owner. 445 Sutter St., S. F.
The electrical equipment has been ordered.

COLUSA, Colusa Co., Cal.—City trustees propose to call election to vote bonds to finance purchase of electric distributing of P. G. & E. Company and improve same to operate as municipal project.

QUINCY, Plumas Co. Cal—In Compliance with rules of Federal Power Commission, the Feather River Power Co. will start early construction of ganging plant on Nelson creek near Nelson Point. The structure will consist of a cement tank twenty feet high and four by five feet square and will contain an automatic gauge. The work will be in charge of Engineer A. Ailen, who will be assisted by E. Wilborg.

PEARL HARBOR, T. H.—See "Government Work and Supplies," this issue.

WESTPORT, Wash. — See "Government Work and Supplies," this issue.

PUBLIC BUILDINGS

SAN RAFAEL, Marin Co., Cal. — County supervisors contemplate election to vote bonds of between $500,000 and $600,000 to finance construction of new county courthouse of fireproof construction. Preliminary drawings for such a structure have been submitted by Architect Wm. Mooser, Nevada Bank Bldg., and W. M. Politeo, First National Bank Bldg., both of San Francisco.

SACRAMENTO, Cal.—The following bids were received by the City Clerk of Sacramento for the construction of a 2-story hollow tile fire house. It is to be erected on 43rd and "J" Sts. from plans prepared by Architects Dean & Dean, City Library Bldg., Sacramento. Bids were taken under advisement.

Geo. D. Hudnutt	$20,350
Campbell Constr. Co.	21,490
Chas. S. Mabrey	21,790
Herndon & Finnegan	22,143
H. W. Robertson	22,143
Fred Betz	23,618
Holdener Constr. Co.	23,812
Frederick & Shannon	24,213

WOODLAND, Yolo Co.—Until Dec. 3, 2 p. m., bids will be rec. by H. R. Saunders, county clerk, to erect branch library building at Davis. Cert. check 10% payable to county req. Plans on file in office of clerk.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?
For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.
OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.
A. Quandt & Sons
Painters · Decorators
Since 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
Los Angeles

WHITTIER, L. A. Co., Cal.—Informal bids were received Nov. 7, by Geo. B. McDougall, State Architect, Chief Division of Architecture, Forum Bldg., Sacramento, for the tile roof for the assembly building at the State School at Whittier, Los Angeles County.

J. A. Drummond, 1741 Folsom St. San Francisco	$2200
15 days.	
W. R. Tobias	2725
75 days or less.	
R. G. Blessing	2800
30 days.	
C. L. Passmore	3350
45 days.	

RESIDENCES

Plans Being Figured.
RESIDENCES Cost, $—
SAN FRANCISCO, different locations.
Three 1-story 4 and 5-room residences.
Owner—Withheld.
Architect — Arthur G. Scholz, Phelan Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $15,000
SAN FRANCISCO. Arguello Blvd. and Jackson St.
Two-story and basement frame and stucco residence and garage with terra cotta tile roof.
Owner—Mrs. Grace Bekeart.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—John Casty & Son, 180 Jessie St., San Francisco.

Contract Awarded.
RESIDENCES Cost, $24,000
BERKELEY, Spruce and Virginia.
Two 2-story frame and stucco dwlgs.
Owner—W. J. Acheson, 2306 Ellsworth Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Aves, Berkeley.
Contractor—J. P. Brennan, 1519 Hearst St., Berkeley.

Plans Being Figured.
RESIDENCE Cost $10,000
BERKELEY, San Benito Road, Northbrae.
Two-story frame and stucco residence and separate garage (8 rooms).
Owner—John Perry.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Bids are being taken for a general contract. Plans obtainable Nov. 13, 1923

Contract Awarded.
RESIDENCE Cost, $12,000
SAN FRANCISCO, NW Santa Paula & Santa Monica.
Two-story and basement frame residence.
Owner—R. E. Meyer, 5326 Geary St., San Francisco.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $7000
BERKELEY, Alameda Co., Cal. Euclid Avenue.
Two-story and basement frame and plaster residence.
Owner—Humphrey & Reed.
Architect—W. H. Ratcliff Jr., First National Bank Bldg., Berkeley.
Contractor—S. J. Bertelsen, 30 Estrella, Oakland.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1110 SECOND ST., SACRAMENTO
Phones Main 726—6223

Contract Awarded.
RESIDENCE Cost, $16,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco residence with tile roof, 10 rooms.
Owner—Dr. Harry L. Langnecker, 320 Embarcadero, Palo Alto, and Lane Hotel, San Francisco.
Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
Contractor — G. W. Baysinger, Palo Alto.

Plans Being Prepared.
RESIDENCE Cost, $8000
PALO ALTO, Santa Clara Co., Cal.
One-story frame and stucco residence.
Owner—Withheld.
Architect—Birge M. Clark, 600 Embarcadero Rd., Palo Alto.
Ready for figures in three weeks.

Plans Being Prepared.
RESIDENCE Cost, $16,000
PALO ALTO, Santa Clara Co., Cal.
Campus of Stanford University.
Two-story frame and stucco residence with tile roof.
Owner—Withheld.
Architect—Birge M. Clark, 600 Embacadero Rd., Palo Alto.
Figures to be taken in about a month.

Plans Being Prepared.
RESIDENCE Cost, $7000
SAN RAFAEL, Marin Co., Cal.
One-story 5-room frame residence.
Owner—Withheld.
Architect—Arthur G. Scholz, Phelan Bldg., San Francisco.

BEVERLY HILLS, L. A. Co., Cal. — Cornelius & Blaisdell, Canyon Dr. and Wilshire Blvd., Beverly Hills, is preparing plans and will erect a $40,000 Moorish type dwlg. on Cordell Way, Beverly Hills, for Mr. Blaisdell. Stucco exter., tile rf., hardwd. fls., tile baths and drainbds, cellar, furnace.

SCHOOLS

Figures To Be Taken Shortly.
HIGH SCHOOL Cost, $200,000
LOS GATOS, Santa Clara Co., Cal.
Two-story and basement reinforced concrete high school (approx. 20 rooms).
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Completing Plans—Figures To Be Taken Next Month.
SCHOOL Cost, $200,000
SAN RAFAEL, Marin Co., Cal.
Two-story reinforced concrete school bldg. (brick exterior trim and tile roof).
Owner—City of San Rafael School District.
Architect—Shea & Shea, Chronicle Bldg San Francisco.

Completing Plans.
BUILDING Cost, $75,000
SAN JOSE, Santa Clara Co., Cal., 4th St
Four-story reinforced concrete educational bldg. (metal sash, cement exterior).
Owner—San Jose Presbyterian Church.
Architect — Francis W. Reid, Ryland Bldg., San Jose, 312 Call Bldg., San Francisco and Concord, Cal.
The interior of the two upper floors will not be finished at this time. It is planned to have a tennis court, playgrounds and garden on the roof.

SAN FRANCISCO—Until Nov. 21, 3 p. m., bids will be rec. by Board of Public Works for alterations to the Geo. Peabody school in 7th Ave. bet. California and Clement Sts., est. cost $7000. Bids wanted for general contract $6000, bond of $1500 required of successful bidder and gas heating and plumbing, $1000, bond of $250 req. Plans obtainable from Bureau of Architecture, 2nd floor city hall.

BRAWLEY, Imperial Co., Cal.—Until 7:30 p. m., Nov. 26, bids will be received by trustees of the Brawley union high school, for furnishing and installing complete heating and ventilating in school bldg., in accordance with plans and spec. prepared by D. S. Reynolds, consulting engr., 611-17 Homer Laughlin Bldg., Los Angeles. Plans and spec. may be obtained from the clerk of the board, H. E. Patterson, upon deposit of $10. Cert. check or bond 5%.

DURHAM, Butte Co., Cal.—As previously reported, bids will be received by Durham High School District until Dec. 8, 3 p. m. for furnishing window shades, steel lockers and blackboards in Durham High school. Cole and Brouchard, architects, 4th and Broadway Sts., Chico. **See call for bids under official proposal section in this issue.**

DURHAM, Butte Co., Cal.—As previously reported, bids will be received by Durham High School District until Dec. 8, 3 p. m., to erect new high school building from plans of Architects Cole and Brouchard, 4th and Broadway Sts., Chico. **See call for bids under official proposal section in this issue.**

ALHAMBRA, L. A. Co., Cal.—Archt. J. A. Larraide, 1400 Stock Exchange Bldg., has been commissioned to prepare plans for a $65,000 school bldg., for the Garvey School District, near Alhambra.

FELLOWS, Kern Co., Cal.—Until Nov 24, 7:30 p. m., bids will be rec. by P. E. Williams, clerk Midway School District, to furnish and install velour curtain and window drapes in auditorium of Midway school. Specifications obtainable from Eugene K. Martin, architect, Arlington Bldg., Bakersfield.

ACROSS THE American River.
FROM THE sand-producing plant.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
AT THE 12th Street Bridge.
NEAR SACRAMENTO.
ARE MANY campers.
AND SANDY Pratt, President.
OF THIS sand and rock company.
WAS UNDER the belief.
THAT THE old Indian style
OF HAVING the squaw.
DO ALL the work.
WAS NOW ancient history.
ESPECIALLY AS applied.
TO THE white.
OR CAUCASIAN race.
SANDY WAS led to believe.
THAT NO man now lived.
WHO WOULD dare.
ASK OR force his wife.
TO WASH clothes.
WITH AN old fashioned tub.
AND AN ordinary wash board.
BUT A short time ago.
SANDY WAS standing.
ON THE above mentioned river bank.
AND ON the opposite side.
OF THIS patriotic (American) stream.
WAS A woman washing.
WITH A galvanized tub.
WHILE HER brave husband
SAT ON a log.
SMOKING A pipe.
AND WHITTLING a stick.
SANDY PRATT, producer.

OF CLEAN, sharp sand.
AT MARYSVILLE, Sacramento.
AND PRATTCO, Monterey county.
WAS OF the opinion.
THAT NO woman.
WOULD WASH for her husband.
UNLESS SHE had an electric machine
COSTING SEVERAL hundred dollars.
BUT HISTORY repeats itself.
AND IF "May C. B."
WHO WROTE Sandy Pratt.
SEVERAL CLEVER letters.
ABOUT A jelly fish husband.
COULD HAVE seen "Big Chief."
GUARDING HIS wife.
WHILE SHE washed his shirt.
SHE WOULD have to admit.
THAT THERE is still.
ONE BRAVE husband left.
IN THIS good old world.
"I THANK you."

Now days the wife "cleans your clothes" by starting at the pockets. When Sandy Pratt, sand producer, who is building a modern rock crushing plant (finished Jan 1st) at Prattrock near Folsom, on the Tahoe-Placerville Highway, saw old "Big Chief" (friend husband) telling his "slave" to "wash them clean;" then Sandy was convinced that any husband who bought his wife a million dollars worth of electric washers, patent driers and revolving ironers was crazy.

BAKERSFIELD, Kern Co., Cal. — City Board of Education will purchase two sites for new schools in the East Side section of the city. Construction of the buildings will not be started until next year.

HOLLYWOOD, L. A. Co., Cal.—Olcester & Kerr, 1528 Ramona Ave., So. Pasadena, were low bidders at $254,500 on the gen. contr. for erecting a new auditorium bldg. and boiler house at Hollywood high school site; Norman F. Marsh, archt. Low bidders on other contracts were: H. H. Mann on painting at $2683; Newbery Elec. Corp. on wiring at $9487. The bids were: General Contract — Olcester & Kerr, $254,500; Darrell Condley Co., $264,594; North Pacific Construction Co., $267,500; J. A. Hill Constr. Co., 269,700; Salih Bros. $274,310; B. D. Kronnick, $275,000; Anton Johnson, $276,000; Kinne-Westerhouse Co., $278,920; K. R. Bradley Construction Co., $282,633; Robert E. McKee, $282,500; L. A. Planing Mill Co., $289,476. Electric Work—Newbery El. Corp., $9487; S. & H. Service Elec. Co., $9989.50; Amer. Elec. Constr. Co., H. H. Walker, $11,098. Painting—H. H. Mann, $2683; Winvick Decorating Co., $2790; R. P. Tuttle Co., $2987; E. Drawbaugh, $3995.

VISALIA, Tulare Co., Cal.—H. J. Bebeau, 3936 McKenzie, Fresno, at approx $10,300 awarded contract by St. Mary's Catholic Church to erect two-story frame convent and parochial school.

V. G. McGinty, Fresno, at approx. $20,000 awarded contract by same owners to erect brick school, known as McCann school, at s.w. corner of Race and Garden streets.

Building permits for both structures have already been granted. Ernest J. Kump, Rowell Bldg., Fresno, is the architect.

SAN FRANCISCO—Herman Hallensleben, 262 7th St., at $1186 awarded contract by Board of Pub. Wks. for iron work in connection with shooting gallery in Mission High School at 18th and Dolores Sts.

SACRAMENTO, Cal.—Until Nov. 26, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, for tur. and install. 100 or more movable chair desks, f. o. b. schools, Sacramento. Any and all types of desks may be bid upon. Cert. check 10% payable to Board of Education req. Further information obtainable from secretary.

SAN FRANCISCO—Board of Public Works rejects bids for mill work in connection with Mission High School Shooting Gallery.

PALO ALTO, Santa Clara Co., Cal.—Walter H. Nichols, clerk Palo Alto Union High School District, has awarded contracts as follows: (1) painting high school additions; (2) opera chairs, (3) stage curtains; (4) draped concert or cycloramic setting; (5) window shades. Cert. check 5% payable to clerk req. with each bid. Plans obtainable from Birge M. Clark, architect, 600 Embarcadero Rd., Palo Alto:

Painting awarded to A. Anderson of Palo Alto at $4240. Other bidders were:

E. F. Van Hacht	$4439
A. A. Zelinsky	4725
Chas. Dieker	4800
R. Zelinsky	5160
J. J. Burdon	5250
H. E. Miller	6592

Chairs awarded to Stewart School Supply Co., at $6.65 per chair (approx. 700 chairs).

Stage curtain to Stewart School Supply Co., at $462.

Cycloramic setting to same, $1320.

Shades to Western States Sealing Co. at $130.

LOS ANGELES, Cal.—Wm. Stacko, 1710 W. Adams St., was low bidder at $245,000 on the general contract for erecting a new auditorium and class room bldg. at Polytechnic high school; Morgan, Walls & Morgan, 1124 Van Nuys Bldg., archts. Other bids were: Salih Bros., $253,261; Anton Johnson Co., $254,800; J. C. Bannister, $257,500; J. A. Hill Construction Co., $257,000; J. F. Kobler, $269,929; Darrell Condley Co. $274,878.

CAMBRIA, San Luis Obispo Co., Cal.—John E. Kimber has prepared plans for a Mission type stucco and tile roofed school group, including gymnasium and elementary school bldg. to be erected at Cambria, San Luis Obispo county, for the coast union high school dist.; est. cost, $150,000. The construction would be financed by a ten-year tax levy.

SAN FRANCISCO — Heywood-Wakefield Co., San Francisco, at $9982 submits low bid to Bd. Pub. Wks. to furnish and install chairs in the Galileo High School. Other bids were:

C. F. Weber Co.	$10,432.98
Rucker-Fuller Desk Co.	11,431.18
F. W. Wentworth Co.	10,860.78
Stewart Sales Co. (a)	10,219.08
(b)	10,361.68

MERCED, Merced Co., Cal. — Cross Lumber Co., Merced, at $698 awarded cont. by Merced Union High School District to furnish and install lockers in high school. Geo. H. Trask, San Francisco, awarded cont. for wire locker baskets at $.58 ea. Medart Co., bid $74 for baskets.

MERCED, Merced Co., Cal.—H. Barcroft & Sons Co., Merced, at $324 awarded cont. by Merced Union High School District to fur. and install finish hardware in high school. Other bids were: Merced Hardware Co., $335; Murray-Vincent Co., Merced, $374.

LOS ANGELES, Cal.—Archt. A. B. Sturgis, 331½ S Western Ave., has prepared preliminary drawings for an $81,000 class C grammar school to be erected on 37th St. Eleven classrooms, principal's office, toilet rooms. Brick constr., concrete stairs and corridor floors, comp. and tile rf., hardwood classrm. fls., art. stone trim.

BANKS, STORES & OFFICES

To Be Done By Day's Work.
ALTERATION Cost, $—
SAN FRANCISCO, NW Grove & Gough.
Alter 1st floor of 3-story frame bldg. into 5 stores.
Owner—J. C. Cummings.
Architect — Arthur G. Scholz, Phelan Bldg., San Francisco.

Plans Being Prepared.
STORE Cost, $100,000
WATSONVILLE, Santa Cruz Co., Cal.
Two-story reinforced concrete addition to department store.
Owner—Chas. Ford Co., Watsonville.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

OAKLAND, Cal.—See "Apartments," this issue. 16

Bids Being Taken For Terra Cotta Brick & Granite.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell and Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Figures are being taken by the Purchasing Department of the owner for the exterior terra cotta, brick and granite to be opened about Nov. 30.

Plans Being Prepared.
STORE & OFFICE Cost, $—
SAN FRANCISCO, N Market bet. Montgomery and Kearny.
Three to 8-story class A store and office building.
Owner — Crocker Estate Co., Crocker Bldg., S. F.
Architect — Lewis P. Hobart, Crocker Bldg., San Francisco.
The height of the structure will be decided within two weeks.
The Dinwiddie Construction Co., Crocker Bldg., is now wrecking the present buildings which were destroyed by fire. In all probability they will erect the new building on a percentage basis.

Planned.
BANK & OFFICE Cost, $—
SACRAMENTO, Cal., SE 7th and K Sts.
Class A bank and office bldg.
Owner—United Bank & Trust Co.
Architect not given.

Plans Being Figured.
ALTERATION Cost, $—
SAN FRANCISCO, NW Eddy & Larkin.
Alter 1st floor of 3-story brick bldg. into 2 stores.
Owner—J. C. Cummings.
Architect — Arthur G. Scholz, Phelan Bldg., San Francisco.

Contract Awarded.
STORE & OFFICE Cost, $50,000
OAKLAND, NE 14th & Madison Sts.
Two-story brick and concrete store & office building.
Owner—H. C. Holmes, 392 17th St., Oakland.
Contractor—M. P. Brasch, 392 17th St., Oakland.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

Contract Awarded.
OFFICE & DWLG. Cost, $30,000
OAKLAND, N 10th St. 130 E Jefferson. Two-story 22-room office and dwelling
Owner — Fong Pay, 655 Beacon St., Oakland.
Architect—Bancroft & Slocombe, St. Marks Hotel, Oakland.
Contractor—G. W. Anderson 655 Beacon St., Oakland.

Contract Awarded.
BUILDING Cost, $19,600
SAN JOSE, Santa Clara Co., Cal., San Pedro and Julian Sts.
Brick business building.
Owner—Chas. H. Dietz.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.
Contractor—Jorgensen & Thomas, 651 2912 Deakin St., Berkeley.

Plans Being Prepared.
OFFICE BLDG. $2,500,000 approx
SAN FRANCISCO, New Montgomery & Minna Sts.
About 26-story class A steel and reinf. concrete office bldg. with terra cotta exterior.
Owner—Pacific Telephone & Telegraph Company.
Architect—Miller & Pflueger, associated with A. A. Cantin, Foxcroft Bldg., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg San Francisco.

Contract Awarded.
STORES Cost, $40,000
OAKLAND, N E-14th St 100 W 37th Av. Two-story brick stores and offices.
Owner—Gimbal & Schlueter.
Contractor — Graff & Winlund, 1326 Webster St., Oakland.

SACRAMENTO, Cal.—E. and A. Henderson Bros. Co., 916 Twelfth street, Sacramento, have purchased property at n.e. corner of 15th and K streets and will erect modern store building. Site is 40 by 80 ft.

LOS ANGELES, Cal. — Marcus Cohn and Eugene W. Kluchansky have taken a 99-year lease from Dr. Z. Levin on the 92x147 ft. side at n.e. cor. Fountain and Vermont Aves. A $500,000 6-story building is announced.

LOS ANGELES, Cal.—Petroleum Securities Co. has purchased the n.e. cor. of 11th and Hill Sts. and contemplates the erection of a limit-height class A office bldg. for the Pan-American Oil Co. and other petroleum interests in which E. L. Doheny is interested.

LOS ANGELES, Cal.—Archts. Morgan Walls & Clements, 1124 Van Nuys Bldg. have prepared preliminary plans for a 12-story class A office bldg. to be erected at s.w. cor. of 10th St. and Broadway for J. B. Van Nuys. It is planned to design this bldg. as headquarters for the Builders' Exchange and for offices for firms and individuals allied with the building industry.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick H. Wallis, 716 S. Spring St., are taking bids for wrecking the present bldg. and for excavating and constructing concrete foundation for the 12-story class A office bldg. to be erected at s.e. cor. of 7th and Spring Sts. for H. S. Cahn and associates.

KING'S ORIENTAL STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco

THEATRES

Planned.
THEATRE Cost, $800,000
OAKLAND, Alameda Co., Cal., Broadway and 20th Sts.
Class A theatre.
Owner—Orpheum Theatre Co.
Architect — G. Albert Lansburgh, 130 Montgomery St., S. F.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Figured.
ORPHANAGE Cost, $350,000
SAN FRANCISCO. Ten acres, lying between Twenty-eighth and Thirtieth avenues and Vicanti and Wawona Sts.
Group of 8 buildings for orphanage (3-story administration building and 6 2-story cottages, concrete, frame and stucco construction and a one-story reinforced concrete laundry and power house.
Owner—San Francisco Protestant Orphanage Society.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
The first story of the administration and cottage buildings will be of concrete construction with frame and stucco above.
Figures are being taken for a general contract.

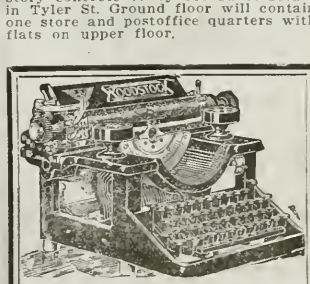
SAN DIEGO, Cal.—Alfred Stahel & Sons, Inc., affiliated with Dohrmann Commercial Co. of San Francisco, have purchased a lot 100x100 ft. at s.w. cor. Seventh and C Sts. as site for a $150,000 bldg. The proposed structure will be 4-story.

SAN FRANCISCO—Until Nov. 20, 12 M, bids will be rec. by B. P. Lamb, secretary Board of Park Commissioners, for furnishing and delivering, at times desired by commission, doors, windows, frames, counters and other work for bath house building now under construction at Herbert Fleishhacker Playground, Great Highway and Sloat Blvd. Further information obtainable from secretary.

AUBURN, Placer Co., Cal. — Until Dec. 4, 2 p. m., bids will be rec. by A. S. Fleming, county clerk, to const. cow-barn at county hospital grounds. Cert. check 10% req. Payments will be made at rate of 75% of work performed each month, 25% at completion. Plans on file in office of clerk.

SACRAMENTO, Cal.—Dr. F. J. Bethel, 730 K St., Sacramento, has purchased site in south side of K St., bet. 15th and 16th Sts., and plans to erect a business structure or apartment house.

MONTEREY, Monterey Co., Cal. — E. B. Gross, Monterey, will erect two-story concrete 70 by 100 ft. structure in Tyler St. Ground floor will contain one store and postoffice quarters with flats on upper floor.



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

7636—Zschopau, Germany. Manufacturers of widely known D. K. W. Motors, stationary for running pumps, centrifugals, generators, also motorcycle equipment, desires to appoint a responsible representative as sole agent in San Francisco. Reference desired from firms interested.

7641—San Francisco, Calif. American gentleman with 15 years railroad, steamship, and stenographic experience throughout Latin-America, knowledge of Spanish language, customs and commercial procedure, desires position with San Francisco foreign trade firm. Best references.

7642—San Francisco, Cal. Gentleman, over 14 years commercial experience, with thorough knowledge of German, English and some French, desires to make connections with a progressive import and export concern. Offers good proposition. Only moderate salary expected to start.

7645—San Francisco, Cal. Gentleman, who is leaving in the near future for Europe, visiting England, Belgium, Holland, Italy, France, Czecho-slovakia and Roumania, desires to act as representatives for San Francisco firms. Speaks eight languages and has thorough knowledge of European business methods.

D-914—Portland, Oregon. Exclusive delicatessen concern wishes to get quotations on redwood boxes to be used for Christmas fruit cake.

D-916—Cleveland, Ohio. Bottle washing machinery concerns desires to secure responsible dealer to handle their line. Activities not confined to any particular territory, as long as same is covered thoroughly. Would not object to one firm handling particular line, provided they are equipped with a selling organization to take care of both. Circulars explaining the machinery in a general way on file with the Domestic Trade Bureau.

D-917—San Francisco. Reliable distributing firm, strong in buying and selling, desires the offer of manufacturers, producers, packers, etc., for quick and effective marketing of their product on the Eastern or local market.

D-918—Los Angeles, Cal. Party desires to get in touch with firms who are in the market for crude mica.

D-919—Oakland, Cal. Firm is in market for wire bound boxes in large quantities. Prefer to patronize local concerns if they can get the boxes at a price not higher than what they have to pay Chicago for them, including freight.

D-924—Campo, Cal. Party has located a body of felspar near the Felspar Quarry operated by the Pacific Sanitary Co. of Richmond, Calif. This deposit is less than a mile from the railroad.

D-927—St. Louis, Mo. Supply Company desires to locate a good live jobber in San Francisco who would be interested in handling a patented flexible or swing joint.

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

Notice: **This product, originally announced as "Floorseal," will hereafter be known as "Fuller Floor Preservative."**

Fuller Floor Preservative

for Magnesite

MAGNESITE must be sealed because of its porous, crystalline structure. Fuller Floor Preservative penetrates deeply and seals magnesite thereby making it non-porous, oil and water-proof without affecting its color.

But Fuller Floor Preservative does more than seal. By filling the voids between the particles of magnesite a continuous, durable surface is formed which resists wear and tear. It prevents grinding-in of dust and dirt which causes the dark stains so often seen on magnesite. The eggshell gloss surface of Fuller Floor Preservative is easily kept clean and can be waxed, painted or varnished if desired.

Fuller Floor Preservative dries over night. If used on magnesite or any porous surface it can be walked on immediately without harming the finish. No skill is required to apply Fuller Floor Preservative. A night watchman or janitor can do it with a rag or brush making the cost of material the only cost.

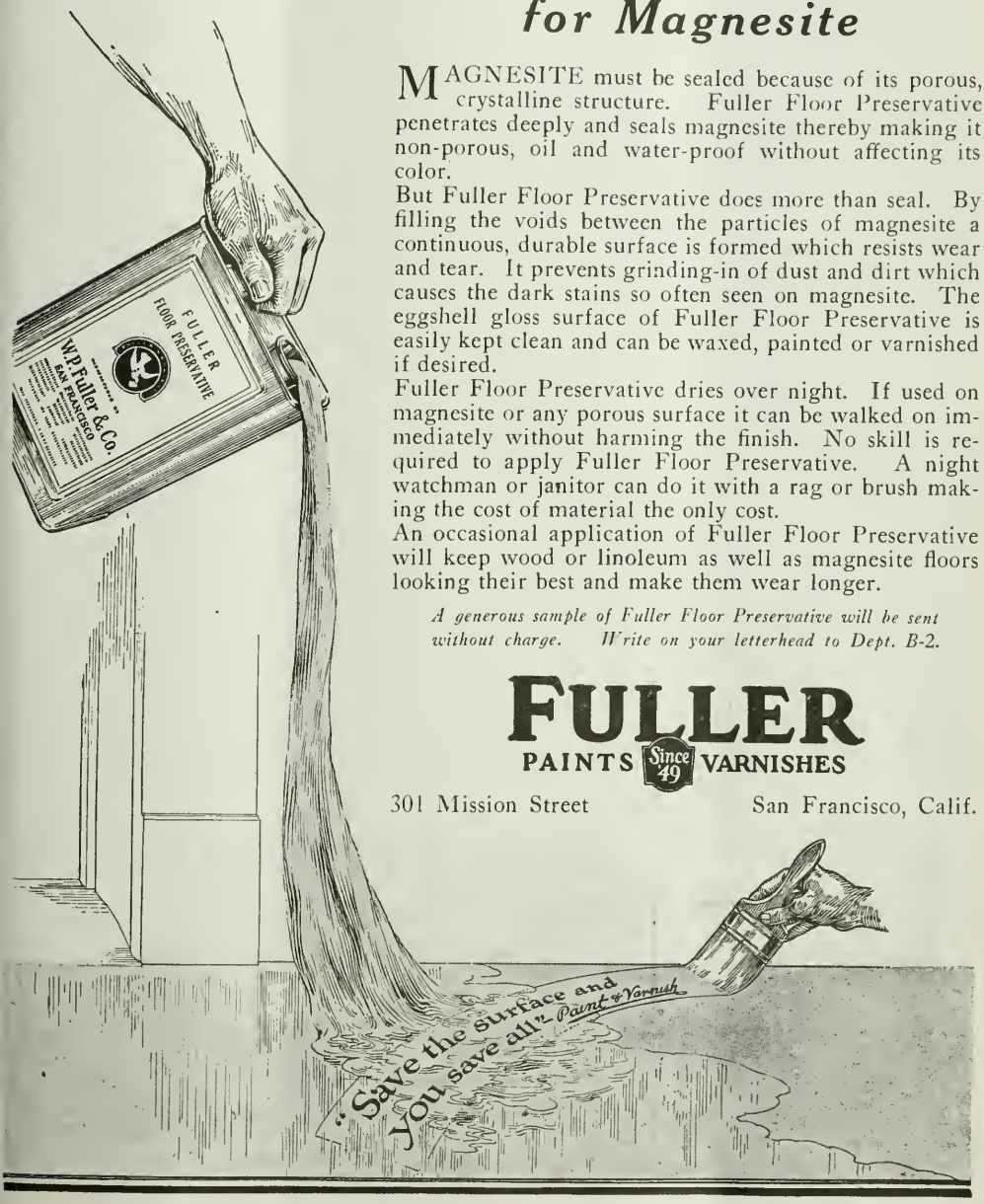
An occasional application of Fuller Floor Preservative will keep wood or linoleum as well as magnesite floors looking their best and make them wear longer.

A generous sample of Fuller Floor Preservative will be sent without charge. Write on your letterhead to Dept. B-2.

FULLER

PAINTS Since '49 **VARNISHES**

301 Mission Street San Francisco, Calif.



Leads for Business

ATTORNEYS—M. A. McCullough, Phelan Bldg., to Underwood Bldg.
BROKERS—R. L. Cunningham, Dollar Bldg.
R. J. Whelan, 821 Market.
CHINESE MERCHANDISE—Quong Wo Lee Co., 1216 Stockton.
DENTISTS—W. N. Conover, 1325 Octavia.
EMPLOYMENT AGENCIES—Hotel Reporter Employment Agency, 1141 to 973 Market.
FLOORING—M-C Hardwood Floor Co., Hearst Bldg.
GROCERS—C. J. Pantasy, 882 Carolina.
ICE CREAM—Dorothy C. Schmidt, 393 Hayes.
INSURANCE—Cal. Mutual Life Ins. Co., S. D. Miller and E. J. Parker, 608-114 Sansome.
MARKETS — Michigan Market, 1391 Church.
OPTOMETRISTS—Dr. Gould, 1649 Market.
OYSTERS—Golden State Oyster Co., 417 Pine.
PHYSICIANS—Dr. A. B. Carfagni, 465 Mission.
PUBLISHERS—Sunny California Publishing Co., 329 Russ Bldg. to Montgomery and Commercial soon.
SHOES—Friedman Shelby Shoe Co., 821 Market.
Central Sales Corp. (wholesale) J. C. Simon, 404 Sharon Bldg.
TRANSPORTATION—Coast Side Transportation Co., 1243 Mission to 2859 22nd.
MISCELLANEOUS — American Industrial Development Co., 85 2nd.
California Inspection Rating Bureau, (W. A. Chowan) Balfour Bldg. to 216 Pine—Nov. 14.
Lloyd's Underwriters Correspondents 315 Montgomery.
LEASES—Nov. 7, 1923—Victor Bjors to Mervyn A. Goldstein—695 3rd Ave., 1 year, $900.
Nov. 7, 1923—Ignatz Schlinger to Louise Rockwood—S Chestnut bet. Steiner and Pierce, No. 2167 Chestnut St., 5 years, $10,325.
Nov. 1, 1923—J. J. and Katherine Parente to C. J. Cotton—727 Leavenworth St., 5 years, $39,000.
MISCELLANEOUS — C. C. McDougall (with B. C. McDougall) 381 Bush to 367 Sacramento.
Jessie E. Ritchey, 760 Market to Burtis Shoppe, 2083 Mission.
Union Ice Co. (354 Pine) to build $30,000 plant at Martinez.
ART STORE — Parmelle Art Co., Inc. (29 Stockton) opening 35 Grant Ave.
BEAUTY PARLORS—Cal. Academy of Beauty Culture, 39 Golden Gate Ave. opening branch about 35 Mason
DENTISTS—V. A. Prindle, 760 Market.
ELECTRICAL — Mercier Electric Co., 922 to 306 Clement.
FINANCE—American Investment Assn. (E. N. Pearson Jr. and F. R. Tousey) Kohl Bldg.
GLASS AND GLAZING—American Bottle Co. (A. C. Houniseh Co.) 112 Market.
HEATING SYSTEMS—Mohr & Wood, 365 1st.
IMPORTERS—Jose Padilla, 369 Pine to 691 Sutter.
LADIES' APPAREL — Women's Exchange, 70 Post to 253 Sutter.
OFFICE SUPPLIES—L. A. Weits Co., 2991 16th.
PRINTING—Waldorf Card Shop, 648 Market to 5 Fourth.
Globe Printing Co., 2 Sixth.
RAILWAY SUPPLIES—R. W. Jamison, 637 Mission.
REAL ESTATE—Lyon & Hoag, 660 to 564 Market.
RESTAURANT—John Grey Sandwich Shop, 275 O'Farrell Soon.
SHOES—Peters Shoe Company to open SE Post and Kearny after January.
THEATRES—Geo. M. Mann, 310 Turk.
TRUNKS — J. H. Henderson (factory) 1769 oward to 3155 Army.
MISCELLANEOUS—Creeley Corp., Marvin Bldg.
Association of the Army, Mills Bldg.
LEASES—Oct. 31, 1923—George D and Robert V Lucy to Albert Myers—SE Market dist 75 SW Brady No. 1657 Market St 5 yrs $22,200.
Nov. 24, 1922—Henry Sipple to Ralph G Curtis and David F O'Brien — N Ney 137-6 E Mission as widened W 137-6 to SE Mission alg SE Mission 33.59 E on line parl to N Ney to a pt in line perp to N Ney at pt of beg S 25 to beg ptn lot 5 blk 2 College Hd Assn 10 yrs $6540.
Assigned Oct. 9, 23 to Phillip F O'Brien $1.
Assigned Nov. 2, 23 to N L Ferrari $1
Nov. 6, 1923 — A Roberti to Albina Baccalioni — 1901 to 1905 Lomard St 5 yrs $60 per mo.
Oct. 10, 23 — Seraphie Le Clair to Charley & Hamilton Inc—S 13th 178-11½ E Howard E alg S 13th 105-4½ S 176-2¾ to a pt on N Erie & dist. 317-3¾ from E Howard W & Rung alg N Erie 123-7¾ N 201-2¼ to S 13th & pt of beg M B 19 4 yrs $150 per mo.
Nov. 1, 23—Annie Conlan to Leo Herman—6301 Geary st 8 mos $30 per mo
DECORATORS—Borchard & Gregory, 408 Stockton.
G. Potter, 1534 California.
Alfred E. Robello, 1293 Pacific.
C. Bramsen, 4323 23rd to 3254 16th.
Antonietti Painting Co., 6 Imperial to 1666 Lombard.
Floyd G. Storm, 3451 to 2733 Geary.
DELICATESSEN — Louis Carissimi, Grant.
Mrs. F. Neuman, 3039 Clement.
J. Tarnotzy, 1010 Divisadero.
DENTISTS—Ingalls Dental Laboratory, Anglo Bldg.
DRAYAGE—Leahy Transfer Co., 3155 22nd.
Blommendaal Bros., 4134 Geary.
DRY GOODS—Nicholas Farrah, 4440 to 4460 Mission.
DYE MATERIALS — Imperial Color Works Inc., Stewart Elms Associates Inc. (dry colors) and Tait Paper & Color Industries, 74 Natoma to Wells Fargo Bldg.
ELECTRICAL—Tracey Electric Shop (supplies) 1247 20th Ave.
ENGRAVERS—F. C. Williams, 74 New Montgomery.
FINANCE — Pacific Finance Service, Commercial Bldg.
FIRE EQUIPMENT — American La France Fire Engine Co. to open plant (A. W. McKenzie) 151 New Montgomery.
FISH—Standard Fisheries, Foot Leavenworth Street.
FLORISTS—Geo. Kolias, 1104 Polk.
FOOD PRODUCTS—A. G. Food Products Co., 1500 Ellis.
FRUIT—Otzen Packing Co. (41 Washington) warehouse 87 Clay.
Furniture — Decoration Furniture Co. (John Jacobs) 3745 Geary.
McRoskey & Co. (mattresses) salesrooms 399 to 475 Sutter.
Stowell Furniture Shop, 2001 Polk.
FURRIERS—Lane Bros. 154 Sutter to 259 Geary.
GOWNS—Gown Shoppe, 2087 Sutter.
Lucille Gown Shoppe, 1136 Clement.
GROCERS—R. Gross and D. Sweeny, 482 Pacific to 39 Clark.
Locker Grocery, 1191 Pine.
Michael Maganaris, 1161 Scott to 2010 Fillmore.
Jas. Murphy, 662 San Jose Ave.
C. Reidy, 4200 17th.
T. Ryall, 2950 25th.
J. A. Robinson, 823 Ulloa.
Falk Bros., 178 Broad.
Dante Del Guerra, 747 Union.
Richard Bruegger, 1976 Union to 198 Collingwood.
St. Francis Grocery, 549 Geary.
Mrs. V. Sabatella, 801 Filbert.
ACCOUNTANTS—J. Meyer & Sons Co. and F. A. Frisius, 74 Natoma to Wells Fargo Bldg.
San Francisco Institute of Accountancy, Cecil Clayton and Harry R. Sansome.
Buttimer, Lachman Building to 38
ADJUSTERS—W. T. Cleverdon, Hind Building to Fife Bldg.
APARTMENTS — Apartment Bureau, 681 Market.
ARCHITECT—Benj Schreyer 105 Montgomery.

ARTISTS—Ernest Dalley, 185 Stevenson.
ATTORNEYS—E. Marchus, Grant Bldg. to 760 Market.
Nathan Moran, Hearst Building to 41 Sutter.
Albert I. Loeb, 620 to 564 Market.
E. J. Baumberger, J. Clark and E. J. Tremont, 57 Post to 564 Market.
ADVERTISING — Lewis H. Waldron, 1019 to 1002 Monadnock Bldg.
AUDITORS—Interstate Freight Auditing Service (A. J. Zamb) Call Building to Williams Bldg.
AUTOMOTIVE — Poplar Auto Repair Shop, 4733 Geary.
L. E. Pennipman Inc. (piston rings) 367 Golden Gate Avenue to 662 Turk.
Charles Korss (batteries) 987 Golden Gate Avenue to 1300 Eddy.
Charles A. Hunting, 555 Valencia.
Edw Gerlashin (batteries) 1124 Golden Gate Ave.
Commercial Motor Co., 534 4th.
Geo. W. Barr (trucks) 500 Van Ness Avenue.
Stutz Motor Co., 1801 Van Ness Ave.
BAKERIES—Golden Gate Pastry Shop, 5901 Geary.
Duboce Bakery, 708 14th.
BARBERS—Gem Barber Shop, 699 Mission.
BEAUTY PARLORS—Marquise Beauty Shop, 1031 Market.
BRASS CASTINGS — Eureka Brass Works, Pacific Building to Lackman Building.
BROKERS—National Bond & Mortgage Co., 155 Montgomery to 69 Post.
BUILDING MATERIALS—J. W. Collins 315 Berry.
North Beach Gravel Co., Berry and De Hare.
CANDY—Betty Bolton Candy, Inc. of Hollywood to open distributing sales room, 289 Turk.
A. R. Patterson, 2223 Polk.
Ethel Tietjen buying 1655 Divisadero.
F. Peterson, 862 Cole to 1433 Polk;
CHEMICAL PRODUCTS — Rose Rat Extinguisher Co., 488 Pine.
CHIROPRACTORS — Western College of Chiropractic branch clinic, 2195 Mission.
Dr. Timothy McInerney, 2146 Mission.
CIGARS—United Cigar Stores to open stores NE Sutter and Powell and 2605 Mission.
Jules Pamond, 1900 Polk.
Benj. Berman, 1559 Ellis.
R. W. Levy, 399 Geary.
COMMISSION — Morris Wolheim, 833 Market.
CONTRACTORS—Cahill Bros., Inc., 110 Sutter to Sharon Bldg.
J. A. Costello, Jr., 564 Market.
Calif. Willite Road Construction Co., Newhall Bldg.
COSTUMERS — Goldstein Co., 883 to 985 Market.
LEASES—Nov. 22, 1923, Herman Reichell and Annie Gimpel Reichell to Clarence R Jeffress, SE Market 335-4¼ SW Noe alg SE Market 32-10½ S & parl with Noe 97-5 E 25 N 118-9½ M B 115 5 yrs $75 per mo.
Nov. 9, 1923—R J O'Brien to Lawrence Erlach and Sam Swechar—E Fillmore bet Post & Geary No 1690 Fillmore St 5 yrs $29,700.
BEAUTY PARLORS—Western Beauty Shop, 417 Montgomery.
BROKERS—J. C. Simon, 55 New Montgomery.
CIGARS—United Cigar Stores to open stores NE Sutter and Powell and 2605 Mission.
COSTUMERS — Goldstein Co., 883 to 985 Market.
DELICATESSEN—John N. Wesch, 5847 Geary.
DRUG SUPPLIES—E. R. Levy, 576 Mission.
ENGINEERS—G. L. Hurst (mechanical) 56 Sutter to 785 Market
FRUIT—Lioni Fruit Packing Co., 329 Russ Building to Montgomery and Commercial soon.
HAIR GOODS—Van Eas Hair Shop, 177 Post.
IMPORTERS—Planson & Co., Marvin Bldg.
MFRS. AGENTS—F. C. Keller, Pacific Bldg.
MOTION PICTURE LABORATORIES—Duhem Motion Picture Co., Phelan Building to 135 Hayes.
OPTOMETRISTS — S. Zwerling, 1707 Freight to Gillette Bldg.
PENCIL LOCK — Pencil Lockit Co. (with Marnell & Co.) 761 Market.
PUBLISHERS—Daily Herald (Vanderbilt Enterprises) Mr. North, 401 Phelan Building, Plant 56 12th.
Moo Koo Publishing Co., 828 Stockton.
REAL ESTATE — Western Realty Co. (Geo. Santacon) 224 to 253 Church.
SHOES—Service Shoe Shop, 1614 Balboa.
SPRAYING EQUIPMENT — Niagara Sprayer Co. (342 Washington) warehouse SE Taylor and North Point.
TAILORS—Mason's, 25 Kearny to SE Kearny and Post in January.
T. J. O'Connor, 575 Fillmore to 1202 Market.
TRANSPORTATION — Transcontinental Passenger Assn., 976 Monadnock Bldg.
MISCELLANEOUS — Dr. Maude Petersen, 325 Geary.
Dunn Reporting Agency, Santa Fe Bldg.
FIRE APPARATUS — American La France Fire Engine Co. (A. W. McKenzie) 151 New Montgomery.
HARDWARE—Golden City Hardware Co., 2450 to 2469 San Bruno Ave.
HEATING SYSTEMS—Illinois Engineering Co., 821 to 417 Market.
IMPORTERS — Brush Importing Co., 320 Market to Hansford Blk.
Continental Trading Co., 760 to 833 Market.
S & R K Davidson, 794 Mission to Lackman Bldg.
INCORPORATIONS—Jasper-Stacy Co., $250,000. H. C. Reyman, 460 Montgomery, attorney.
National Automatic Electric Appliances Co., $50,000. Jacob Schlussel, Phelan Bldg. is attorney.
INSURANCE—Cal. Mutual Life Ins. Co. S. D. Miller and E. J. Parker, 608-114 Sansome.
California Inspection Rating Bureau (W. A. Chowan) Balfour Building to 216 Pine.
INVESTMENT — Fuller & Jump, 681 Market.
JANITOR SERVICE—California Maintenance Service, 463 O'Farrell.
JEWELERS — Hirsch Bros. Watch & Jewelry Co., 1632 Ocean.
L. Jensen (diamonds) 830 Market.
LADIES APPAREL — Sachs Mfg. Co. (waists) 149 New Montgomery to 783 Mission.
Juliet Shop, 468 Geary. a
LEATHER GOODS — United Leather Goods Co., factory 2359 Mission.
LINOTYPING—Lucius A. Maginnis, 156 2nd to 346 Clay.
LUMBER—McCullough-Fagan Lumber Co., 112 Market to Fife Bldg.
LUMBER—E. D. Porter, 1 to 220 Montgomery.
J. W. Schouten Lumber Co., to Channel and 4th.
MACHINERY—American Ice Machine Co., 113 Stillman to 453 Bryant.
Dow Herriman Pump & Machine Co. Rialto Building to 582 Market.
MFRS. AGENTS — F. H. Harder Mfg. Co., 1366 to 1563 Mission.
Landman, 760 to 833 Market.
Parkinson Bros. Mfg. Co., 1136 Mission.
A. H. Peterson Mfg. Co. (steel) 171 Jessie.
Western Sales Co., 35 Montgomery to 1152 Market.
MASSAGE—B. A. Scott, 609 Ellis.
MEN'S FURNISHINGS—Wolfe & Cone 164 O'Farrell.
MILLINERY — Anna-Belle Shop, 4087 24th.
Juliet's Hat Shoppe, 1350 Fillmore.
MOTION PICTURE — E. W. Castle, Spreckles Building to Hansford Block.
LEASES—Nov. 1, 1923—E A Raisevich to Carmelo Anpalazzolo—2226 Union st 5 yrs $35 per mo.
Nov. 15, 1923—Joseph Kraus to A Lawson—W Guerrero 129 N 19th N 40-6 x W 100 M B 78 3 yrs $55 per mo.
Nov. 3, 1923—John Catto exr estate Attilio Moretti to Andrew H. Maass tr for Henry L Maass—N Page bet. Octavia & Laguna Sts No 258 Page St 2 yrs $810.
NOTARIES—Mrs. V. G. Marchus, Grant Building to Phelan Bldg.
OFFICE EQUIPMENT—Findex Co., 72 Montgomery to 39 2nd.
Worley & Co., Sharon Building to 442 Sansome.
PAINTS—C. G. Clinch & Co., 114 Davis to 49 Drumm.
PHYSICIANS — Dr. Benj. Apple, 406 Sutter to 870 Market.
Dr. W. H. Barnes, 128 Waverly.
Dr. Julia S. Bolam, 466 Geary.
Dr. B. Clark, 1195 Bush.
J. Davis, Mechanics Bldg.
Dr. T. B. W. Leland to 1195 Bush
Dr. James Sanderson, 450 to 466 Geary.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE. WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

(Thermalito Irrigation District)

Oroville, Cal., November 7, 1923.

Sealed bids will be received by the Board of Directors of the Thermalito Irrigation District at the office of the board, Oroville, California, until **one o'clock P. M., November 28th, 1923,** for furnishing 2750 barrels of Portland Cement, about 1000 pounds of steel bars for re-inforcement of concrete, one 30-inch Needle Valve and one 42-inch pipe outlet, and one 30-inch pipe outlet. Contract will be let to the lowest responsible bidder.

Plans and specifications can be seen at the office of the board, Oroville, California.

R. A. LEONARD,
Secretary, Thermalito Irrigation District.

BIDS WANTED FOR U. S. VETERANS' HOSPITAL AT LIVERMORE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be opened in Room #791, U. S. Veterans' Bureau, Arlington Building, Washington, D. C., at 11 A. M., December 22, 1923, for construction complete of Infirmary; Administration, Mess, and Kitchen buildings; Recreation building; Nurses' Quarters; Attendants' Quarters; Garage; Storehouse; Boiler house and Laundry; Occupational-Thearapy buildings, Ambulant cottages; Officers' Quarters; including mechanical equipment and Outside service lines except grading, roads and walks at the U. S. Veterans' Hospital, Livermore, California. SEPARATE PROPOSALS will be received for Building construction; central heating, including boiler plant and heating equipment for all buildings; Water Supply, Plumbing and sewers; electrical equipment; Elevators; Refrigerating plant; and stacks; all as set forth on proposal sheet. Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract, and who have established a record for satisfactory work and expedition on contracts of similar character and magnitude.

Drawings and specifications may be obtained upon application to the Construction Division, U. S. Veterans' Bureau, Room #791-A, Arlington Building, Washington, D. C., or to Wm. H. Radcliffe, Bureau Representative, Livermore, California. Deposit with application of a certified check or Postal money order, in amount $100.00, payable to the Treasurer of the United States, is required for the safe return of drawings and specifications within ten days from date of opening proposals.

Frank T. Hines, Director, November 17, 1923.

NOTICE TO BIDDERS

(Durham High Shool District)

Notice is hereby given that the undersigned, as trustees of the Durham Union High School District, Durham, Butte County, California, will receive up to the hour of **3:00 o'clock p. m. of Saturday, December 8, 1923,** sealed bids for the furnishing and installing of window shades, steel lockers and blackboards in the Durham Union High School District, Durham, Butte County, California, and to be in accordance to the plans and specifications for same prepared by Cole and Brouchard architects, Fourth and Broadway streets, Chico, California.

Each bid shall be accompanied by a check certified to by a responsible ank in the amount of five (5%) per cent of bid. Proposals may be accompanied by cash in place of certified check if the contractor so desires.

The Board of Trustees reserves the right to reject any or all bids.

Bids are to be sent to or filed with the architects. Bids will be opened at the Durham grammar school, Durham, California, at 3:30 p. m. on the date above given for receiving bids.

FRANK ROLLINS, Pres.
GEO. W. JONES.
G. H. CUNNINGHAM.
A. S. JOHNSON.
F. M. HALL.

BIDS WANTED FOR NEW LIGHTING ETC. IN SACRAMENTO P. O.

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., November 8, 1923—SEALED PROPOSALS will be opened in this office at 3 P. M., Dec. 6, 1923, for New Lighting, Etc., in the United States Post Office and Court House, Sacramento, Calif., in accordance with specification and drawing, copies of which may be had at this office, or at the office of the Custodian, Sacramento, Calif., in the discretion of the Supervising Architect, Jas. A. Wetmore, Acting Supervising Architect.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on December 10, 1923,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

San Diego County, between San Diego and Oceanside (VII-S.D-2-A & B), about sixteen and two-tenths (16.2) miles in length, to be paved with Portland cement concrete.

Los Angeles County, between Quail Lake and Northerly Boundary (VII-L.A-4-D), about ten and four-tenths (10.4) miles in length, to be graded.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary

Dated: November 13, 1923.

NOTICE TO CONTRACTORS

(Durham High School District)

Notice is hereby given that the undersigned, as trustees of the Durham High School District, Durham, Butte County, California, will receive up to the hour of **3:00 o'clock p. m., of Saturday, December 3, 1923** sealed bids for the construction of a high school building, also septic tank and drainage system. All to be on the property of the Durham Union High School District, Durham, Butte County, California, and to be in accordance to the plans and specifications for same prepared by Cole and Brouchard, architects, Fourth and Broadway streets, Chico, California.

Plans may be had from the architects upon deposit of twenty-five dollars ($25.00), for their return in good order.

Each bid shall be accompanied by a check certified to by a responsible bank in the amount of five (5%) per cent of the bid. Proposals may be accompanied by cash in place of certified check if the contractor so desires.

The Board of Trustees reserves the right to reject any or all bids.

Bids are to be sent to or filed with the architects. Bids will be opened at the Durham grammar school, Durham, California, at 3:30 p. m. on the date above given for receiving bids.

FRANK ROLLINS, Pres.
GEO. W. JONES.
G. H. CUNNINGHAM.
A. S. JOHNSON.
F. M. HALL.

NOTICE TO CONTRACTORS

(Elk Grove Union High School District)

Notice is hereby given that the Board of Trustees of the Elk Grove Union High School District, Sacramento County, California, hereby calls for sealed proposals to be delivered to the Clerk of the Board of Trustees, Elk Grove, California, until **Friday the 23rd day of November, 1923, at 8 o'clock p. m. of said day,** for the construction, installation and equipment of a deep well pump and pressure tank on the High School lot in the above named town, all in accordance with plans and specifications on file at the office of the Board in the above named town.

Plans and specifications can be seen at the office of the Board, at Elk Grove, California, between 9 a. m. and

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

5 p. m. of any day except Saturdays, Sundays and holidays.

Bids must be signed by the bidder, accompanied by a certified check for at least ten (10%) per cent of the amount of the bid or proposal, certified to by some responsible person or banker and made payable to Stanley R Gage, Clerk of the Board of Trustees of the Elk Grove Union High School District, to be retained by said High School District as agreed and liquidated damages should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract.

Bids will be opened by the Board of said High School District on Friday, November 23rd, 1923, at the hour of 8 o'clock p. m., at the office of the Board in the present high school building, in the said town of Elk Grove.

The Board reserves the right to reject any or all bids or any or all items of such bids.

Dated at Elk Grove, California, November 12, 1923.

BOARD OF TRUSTEES OF THE ELK GROVE UNION HIGH SCHOOL DISTRICT.
P. B. Smith, President.
S. R. Gage, Clerk.

BIDS WANTED FOR STATE HIGHWAY

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., December 3, 1923,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Shasta County, between Redding and Bayha (II-Sha-3-B), about nine and nine-tenths (9.9) miles in length, to be paved with Portland cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No Bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: November 5, 1923.

NOTICE TO CONTRACTORS

(Town of Hollister—Sewage Disposal Plant)

Sealed proposals for constructing the sewage disposal plant on property of the Town of Hollister will be received at the office of the Town Clerk, Town Hall, Hollister, **until 8 P. M., on the 26th day of November, 1923,** and will be publicly opened and read in the Council Chamber of the Town Hall, Hollister, on the 26th day of November, 1923, after 8 P. M.

All proposals must be made upon the blank forms of proposal prepared by the City, to be obtained from the Town Clerk, Hollister, or from Clyde F. Smith, consulting engineer, 516 Santa Barbara Road, Berkeley, Calif.

The work to be done consists of excavation, grading, reinforced concrete construction, piping and installation, installation of all machinery, and laying of the outfall sewer In general, the work to be done consists of all construction work and materials necessary to build the sewage disposal plant as hown on the plans of Clyde F. Smith, Consulting Sanitary Engineer.

The following units are to be bid upon:

1. Pipe lines.

(a) About twelve hunored and twenty-five (1225) feet of fourteen (14) inch concrete or vitrified pipe. Price to include one manhole.

(b) About eleven hunored and sixty-five (1165) feet of ten (10) inch cast iron pipe. Price bid to include supports on bridge over San Benito River.

(c) About forty-six hundred and thirty (4630) feet of fourteen (14) inch concrete or vitrified pipe. This line must withstand a pressure of thirty-five feet.

(d) About thirty-five (35) feet of fourteen (14) inch cast iron pipe.

(e) About twenty (20) feet of twelve (12) inch cast iron pipe.

2. One Imhoff tank. Price to include all appurtenances as shown on plans.

3. Two units sludge drying beds. Price to include division walls, filtering material, underdrains and other appurtenances.

4. Pump house and screen house and storage tanks

(a) Pumps. One six (6) inch closed impeller vertical centrifugal pump with direct connected motor. Capacity of pump at 15 foot head 800 gallons per minute. Motor, 220 volts, 3 phase, 60 cycles, 7½ horse power, temperature 40°C.

One six (6) inch vertical centrifugal pump with direct connected motor capable of pumping raw sewage without clogging. Capacity at fifteen (15) foot head, 800 gallons per minute. Motor, 220 volts, 3 phases, 60 cycles, 7½ horsepower at 40°C.

(b) Concrete work as shown on plans.

(c) Superstructure. This shall consist of a Truscon Type 1 Standard building with Truscon Type I S lean to or equivalent.

(d) Dorrco screen with all appurtenances or equivalent. Screen to be five feet in diameter with four foot face.

The work is to commence within ten days of the signing of the contract and is to be finished by April 1st, 1924.

Plans and specifications may be consulted at the office of the Town Clerk, Holloster, or at the office of Clyde F. Smith, Consulting Sanitary Engineer, 316 Santa Barbara Road, Berkeley, Calif. Sets of plans and specifications may be obtained from the Consulting Sanitary Engineer upon deposit of fifteen dollars, half of which will be returned upon recepit of a bona fide bid.

All bids must be accompanied by a certified check, certificate of deposit or draft, or cashier's check or draft, payable at sight to the Town Clerk in an amount equal to ten per cent of the bid. Unsuccessful bidders' checks will be returned when contract is awarded. Successful bidder's check will be returned when contract is signed and bond furnished.

The bond to be furnished by successful bidder is to be in a sum equal to fifty per cent of the amount of the contract as material and labor bond as well as bond for twenty-five per cent of the contract for faithful performance.

Bidders must be on the various units separately. The Town reserves the right to accept or reject bid on any or al lunits or parts of units. If the Town wishes to omit any unit or part of unit the price bid on that unit or part of unit shall be subtracted from the total amount bid.

The Town reserves the right to reject any or all proposals, or to increase or decrease the amount of any class or portion of the work.

Done by Order of the Board of Trustees of the Town of Hollister.

Dated: This 5th day of November, 1923.

(SEAL) HOWARD O'BRIEN,
Clerk of the Town of Hollister.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Engineering News Section

BRIDGES

CULIACAN, Sinaloa—H. B. Titcomb, pres. of the Southern Pacific of Mexico, states that the railway has received authorization for the construction of a $250,000 bridge at the north end of the Culiacan river, near Caliacan, the capital of Sinaloa, Mexico.

OROVILLE, Butte Co., Cal. — J. S. Greaves, Oroville, at $23,542.50 awarded cont. by Thermalito Irrigation District to const. concrete arch dam on Concow Creek a tributary of the West branch of the Feather river, 24 miles north of Oroville; will be 70 ft. high, 200 ft. long, involv. 2000 cu. yds., the district to furnish cement required in the work, delivered Oroville. Other bids: T. H. & M. C. Polk, Chico, $25,810; Lord and Bishop, Clipper Mills, Calif., $26,640. Taken under advisement. S. J. Norris, ch. eng. for district, 400 Lincoln St, Oroville. Lars Jorgenson, consulting eng., Hobart Bldg., San Francisco.

MONTEREY CO., Cal. — Theo. M. Malno, San Luis Obispo, at $17,601.70 awarded cont. by state highway comm., to repair floor of bridge in Monterey county over Salinas river at Nacimento station. Structure is composed of 27 19-ft. timber trestle spans and 4 150-ft. steel truss spans. Eng. est. $20,506.44.

MADERA, Madera Co., Cal. — Until Dec. 4, 10 a. m., bids will be rec. by L. W. Cooper, county clerk, to const. two timber bridges with conc. footings over slough on Lincoln rd. in Dixieland District, 2nd Supervisorial District. Cert. check 10% payable to county clerk req. J. O. Rue, county surv.

SANTA CRUZ, Santa Cruz Co., Cal.—Election will be held Dec. 4 in City of Santa Cruz to vote bonds of $135,000 to replace wooden bridges over Branciforte creek on Water St. and Garfield St., with new concrete and steel structures in addition to the construction of a concrete and steel viaduct over Washington St. from Bay to Pacific Ave. and Second St.

PORTLAND, Ore.—Bids will be asked, probably in January, to construct the Burnside, Ross Island and Sellwood bridges for which bonds of $4,350,000 have been voted. Plans are being completed by Hedrick & Kremers, county bridge engineers.

OROVILLE, Butte Co., Cal.—J. S. Greaves, Oroville, at $23,542.50 awarded cont. by Thermalito Irrigation Dist. to construct Concow Dam; will be approx. 75 ft. high and 200 ft. long; concrete construction. S. J. Norris, Oroville, ch. eng. for dist.

SACRAMENTO, Cal. — L. H. Smith, Purchasing Agent of California State Highway Commission, 529 Forum Bldg., Sacramento, is taking bids for furnishing 950 40-ft. piles to be cut Feb. 1, 1924, and to be delivered between May and July, 1924, on bank of Klamath river above highway at bridge site about 2-mi. east of Requa. Further information obtainable from Purchasing Agent.

COLTON, Cal.—City trustees adopt plans for new bridge across west branch of Lytle Creek on East F St.

WILLOWS, Glenn Co., Cal. — State Highway Commission will assist Glenn County Supervisors in financing construction of concrete bridge over irrigation canal on west side state road, just south of Willows; est. cost, $10,000. Bayard Knock, county surveyor of Glenn County. R. M. Morton, state highway eng.

MERCED, Merced Co., Cal.—Until Nov. 26, 10 a. m. bids will be rec. by P. J. Thornton, county clerk, to const. four reinforced conc. bridges as follows:

Bridge No 119, over Livingston canal on Arena-Cressey road, in Rd. Dist. 3.

Bridge No. 120, over Cressey canal on Winton Way, 1½-mi. north of Winton, Rd. Dist. No. 3.

Bridge No. 121, over Arena canal on Arena-Cressey road, Rd. Dist. 3.

Bridge No. 122, over San Joaquin and Kings River canal and Irrigation Co's outside canal on Middle Rd., Rd. Dist No. 3.

Cert. check 10 per cent Bd. of Supervisors req. Plans obtainable from County Surveyor W. E. Bedesen on deposit of $10, returnable.

SAN RAFAEL, Marin Co., Cal.—P. Bottani, at $1,705 submits low bid to supervisors to const. conc. cvulvert at Homestead. Other bids: Gates & Howe, $1,750; MacDougall & Son, $2,013; Phillips Bros., $2,222. Bids rejected.

STOCKTON, San Joaquin Co., Cal.—Until Dec. 4, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to const. conc. abutments and timber bridge floor in addition to erecting 70-ft. steel pony trusses and earth approaches at site of old Messik bridge over Calaveras river. Cert. check 10% payable to Chairman of Board of Supervisors req. Plans obtainable from County Surveyor F. E. Quail on deposit of $10, returnable.

SAN BERNARDINO, Cal. — Minneapolis Steel & Mach. Co., Chapman Bldg. Los Angeles, awarded contr. by Supervisors at $3782 to const. and del. (only) one 60 ft. span steel girder bridge f. o. b. San Bernardino. Other bids were: Western Iron Wks., San Francisco, $3792; Llewellyn Iron Wks., $3850; McClintock-Marshall Co., $3900; Brombacher Iron Wks., $4250; Pennsylvania Bridge Co., $4360; Southland Shipbuilding Co., $5644.

OAKLAND, Cal.—Rogers and Ough at $7734 awarded cont. by supervisors for borings for proposed Oakland estuary subway to determine rock formation. Linscott Drilling Co. only other bidder at $9233.

SAN FRANCISCO — San Francisco Motor Drayage Co., 180 Jessie St., awarded cont. by Spring Valley Water Co. to raise present earth embankment for University Mound reservoir at Bacon and University Aves. Bid is $.75 cu. yd. for fill (not rolled); $.90 cu. yd. for fill rolled.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

SAN BERNARDINO, Cal. — Greene Constr. Co., 1312 Maryland Ave., Los Angeles, awarded contr. by supervisors, at $22,350 to const. one 192-ft. span steel deck Pratt truss bridge over City Creek on City Creek Rd., about 11 mi. n.e. of San Bernardino and 5 mi. from Highland. Other bids were: McClintock-Marshall Co $22,400; Brombacher Iron Wks. $25,250; 140 days.

HILO HARBOR, T. H.—See "Government Work and Supplies," this issue.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal.—Harbor comm. has ordered spec. for dredging first slip on former 147-acre submarine base site the first of a large system of docks, slips, sheds, and harbor improvements planned for the outer harbor. The slip will be known as No. 26. It will be 1200 ft. long and 300 ft. wide, with transit sheds on either side. Other slips will be dredged later. The war dept's permit is expected within 3 months.

PETALUMA, Sonoma Co., Cal.—American Dredging Co., 255 California St., San Francisco, only bidder at $.32 cu. yd. awarded cont. by city council to dredge channel from First St. to Washington St. bridge.

OAKLAND, Cal.—W. H. Hauser, 351 12th St., Oakland, awarded contract by Spring Valley Water Co., to excavate spillway channel on properties of company in Alameda county. Bid is $.85 cu. yd. excavation; trim spillawy $.30 sq. yd.

SANTA BARBARA, Cal.—Montecito County Water Dist. will call for bids in about 30 days for trenching and laying cast iron pipe for distributing system in Montecito. Leeds & Barnard, consulting engrs., 704 Central Bldg., Los Angeles.

IRRIGATION PROJECTS

OROVILLE, Butte Co. Cal—Until Nov 28, 1 p. m., bids will be rec. by R. A. Leonard, secy. Thermalito Irrigation District for fur. and del. 2750 bbls Portland cement; approx. 1000 lbs steel bars for reinforcement of concrete; one 30-in. Needle Valve and one 42-in. pipe outlet; one 30-in. pipe outlet. Further information obtainable from secretary **See call for bids under official proposal section in this issue.**

BISHOP, Inyo Co., Cal.—Owens Valley Irrigation Dist. votes bonds of $1,650,000, $1,500,000 of which will be used for acquiring all water rights within the dist. and $150,000 for general improvement of the system. The latter will consist of structural replacements, short sections of canal lining, devices, etc. Work will be done by the district. The directors have authorized the sale of $736,000 bonds of the first special issue. Of this amount $686,000 will be for acquisition of rights, the options on which are now controlled by the dist., and $50,000 for improvements. W. R. McCarthy, eng. of dist., Bishop.

WILLIAMS, Colusa Co., Cal.—Election will be held Dec. 7 in Williams Irrigation District to vote bonds (1) of $466,000 to pay off outstanding warrants of the district and (2) bonds of $115,000 to finance extension of Glenn-Colusa canal, const. supply canal therefrom to present distributing system, etc W. R. Lindersmith is secretary of the district.

OROVILLE, Butte Co., Cal. — Until Nov. 30, bids will be rec. by John Brereton Jr., secy. Table Mountain Irrigation District, for purchase of $24,000 block of bonds of district; proceeds of sale to finance improvements.

MANTECA, San Joaquin Co., Cal.—Until Dec. 6, 9:30 A. M., bids will be rec. by South San Joaquin Irrigation District for approx. 542,000 sq. ft. conc ditch lining and approx. 50,000 sq. ft. asphalt ditch lining in addition to constructing bridges, service gates, checks, etc., for canals to be lined. Geo. W. Parker, Sup't. of District.

CALIFORNIA—Following is partial list of applications filed with State Department of Public Works, Division of Water Rights, Sacramento, during the month October, for permits to appropriate water:

Application No. 3656 (Trinity Co.) H. W. Brannan, trustees, Burnt Ranch, Cal., for 10 cu. ft. per sec. from Clark Creek for hydraulic mining on 11 claims. Est. cost $2500.

App. 3657 (San Benito Co) Peter L. and Lillian J. Swanson, Hollister, Cal., for 1.4 cu. ft. per sec. from San Benito River, for irrigation of 150 acres. Est. cost $5000.

App. 3658 (Butte Co) Watt Walnut & Raisin Co., Sacramento, for .62 cu. ft. per sec. from Yyman's Ravine, for irrigation of 50 acres, est. cost $1500.

App. 3659 (San Diego Co) Roy Kincaid et al, Boulevard, Cal., for .62 cu. ft. per sec. from an unnamed stream, for irrigation of 50 acres. Est. cost, $1000.

3660 (Ventura Co) Otto G. Wilhelm, Los Angeles, Cal., for 1.5 cu. ft. per sec. and 30.5 ac. ft. per annum from Santa Ana River, for domestic use and irrigation of 120 acres in Rancho Santa Ana. Est. cost $20,000.

App. 2661 (Inyo Co) Nevada California Power Co., Riverside, Cal., for 160 cu. ft. per sec. and 1400 ac. ft. per annum from Bishop Creek, for power purposes.

App. 3662 (Inyo Co) Nevada California Power Co., for 60 cu. ft. per sec. and 12,374 ac. ft. per annum from Bishop Creek, for power purposes.

App. 3663 (Inyo Co) Nevada California Power Co., for 60 cu. ft. per sec. and 14,471 ac. ft. per annum from South Fork Bishop Creek, for power purposes.

App. 3664 (Merced Co) T. D. Harter and F. A. Perrigo, San Francisco, for 1.25 cu. ft. per sec. from Merced River, for irrigation of 100 acres. Est. cost $1700.

App. 3665 (Santa Barbara Co) Albert Calloway, Wasioja, Cal., for .025 cu. ft. per sec. from Unnamed spring for domestic and stock use and garden irrigation. Est. cost $1500.

App. 3667 (Inyo Co) J. Irving Crowell, Beatty, Nevada, for ½ cu. ft. per sec. from Koano Springs for domestic mining and milling. Est. cost $7000.

App. $3668 (Stanislaus Co) Central Commercial & Savings Bank, Vallejo, Cal., for 18.62 cu. ft. per sec. from Amhir Cut. for irrigation of 1489.3 acres, est. cost $10,000.

App. 3669 (Stanislaus Co) Central Commercial and Sagings Bank, Vallejo for 2.69 cu. ft. per sec. from Stanislaus river for irrigation of 215 acres; est. cost $6000.

App. 3670 (Trinity Co) H. W. Brannan, trustee for company to be formed, Burnt Ranch, Cal., for 10 cu. ft. per sec from Allen Creek for hydraulic mining; est. cost $1500.

App. 3673 (Fresno Co) City of Los Angeles and the Board of Public Service Commissioners of the City of Los Angeles, for 240 cu. ft. per sec. and 13,860 ac. ft. per annum from South Fork of Kings River, for generation of electricity for City of Los Angeles; est. cost $3,594,300.

App. 3674 (Fresno Co) City of Los Angeles and the Board of Public Service Commissioners of the City of Los Angeles for 750 cu. ft. per sec. and 2000 ac. ft. per annum from Middle and South Fork Kings River, for generation of electricity for City of Los Angeles. Est. cost, $9,000,000.

App. 3675 (Fresno Co) City of Los Angeles and the Board of Public Service Commissioners of the City of Los Angeles for 120 cu. ft. per sec. and 34,600 ac. ft. per annum from South Fork Kings River, for generation of electricity for City of Los Angeles; est. cost $3,094,475.

App. 3676 (Fresno Co) City of Los Angeles and the Board of Public Service Commissioners of the City of Los Angeles for 700 cu. ft. per sec. and 60,600 ac. ft. per annum from Middle & South Forks Kings River, for generation of electricity for city of Los Angeles. Est. cost $8,775,250; $10,443,430.

App. 3677 (Fresno Co) City of Los Angeles and the Board of Public Service Commissioners of the City of Los Angeles for 170 cu. ft. per sec. and 50,922 ac. ft. per annum from Middle Fork of Kings River, for generation of electricity for City of Los Angeles; est. cost $7,049,850.

App. 3678 (San Mateo Co) Humphrey Estates, trustee for Ino Nuevo County Water District, San Francisco, for 5 cu. ft. per sec. and 1500 ac. ft. per annum from White House Creek for domestic use and irrigation of 2800 acres; est. cost $20,000.

App. 3679 (Santa Cruz Co) Humphrey Estates Inc., trustee for proposed Ano Nuevo County Water District, San Francisco, Cal., for 5 cu. ft. per sec. from White House Creek, for domestic and irrigation of 2800 acres; est. cost $5000.

App. 3680 (Sierra Co) Lars Jorgensen San Francisco, for 30 cu. ft. per sec. and 19,000 ac. ft. per annum from Gold Lake, for irrigation of lands under Honcut Yuba Irrigation District; est. cost $1,000,000.

App. 3681 (San Bernardino Co) E. T. Oakes, Los Angeles, for .025 cu. ft. per sec. from an unnamed spring, for domestic purposes at cabin sites; est. cost $3000.

App. 3683 (Mariposa Co) San Joaquin Light & Power Co., Fresno, for 800 cu. ft. per sec. from Merced River, for generation of electric power, est. cost $1,100,680.

App. 3685 (San Bernardino Co) W. E. Irving, Trlingdale, Cal., for .07 cu. ft. per sec. from unnamed spring, for domestic use and irrigation of 4 acres; est. cost $1000.

App. 3687 (Calaveras Co) Frank MBecker, West Point, Cal., for 6 cu. ft. per sec. from Licking Fork for power for mining purposes. Est. cost $1000.

App. 3688(Siskiyou Co) Lewis White et al, Ager, Cal., for 4 cu. ft. per sec. from Gold Creek for domestic purposes, stock watering and irrigation of 440 acres; est. cost $1800.

App. 3689 (Mono Co) Louis V. Olcese, Bakersfield, Cal., for 2 cu. ft. per sec. from Mono Mills Springs, for stock watering, domestic, agricultural and industarial purposes.

App. 3694 (Tulare Co) Loren B. Curtis, Los Angeles, for 250 cu. ft. per sec. from Kern River for power to be developed.

App. 3698 (Placer Co) William L. Govan, Oakland, for .66 cu. ft. per sec. from Watson Lake Creek, for power; est. cost $5000.

App. 3699 (Tulare Co) C. M. Jones & W. W. Slayden, Porterville, Cal. for 24 cu. ft. per sec from Tule River, for development of power; est cost $15,000.

App. 3700 (Sutter Co) Laura Freitas, Grafton, Cal., for 1.31 cu. ft. per sec. from Sacramento River for irrigation of 105 acres; est cost $3500.

Permits Granted

Following is a partial list of permits granted by the Division during the month of October for permits to appropriate water:

Permit No. 1526 (Sutter Co) Issued to Amedeo Moroni, Grafton, Cal., for 1.12 cu. ft. per sec. from Sacramento River for irrigation of 90 acres; est cost $4000.

Permit 1527 (Inyo Co) Carl R. Suksdorf, Troan, Cal., for .066 cu. ft. per sec. from Burro & Grapevine Springs for mining and domestic uses; est. cost, $1500.

ENGINEERING, INDUSTRIAL, TECHNICAL & SCIENTIFIC BOOKS

TECHNICAL BOOK COMPANY

Mills Building -- San Francisco

Phone Garfield 19

REPRESENTING

D. Van Nostrand Co., John Wiley & Sons, Inc.,, J. B. Lippincott Co., Longmans, Green & Co.

Permit 1529 (Los Angeles Co) C. E. Chambers, La Habra, Cal., for .055 cu. ft. per sec. and ½ ac. ft. per annum from underground waters for irrigation of 20 acres. Est. cost $1000

Permit 1530 (Mendocino Co) Henry R. Bohna, Redwood Valley, Cal., for 0.12 cu. ft. per sec. and 10 ac ft. per annum from Redwood Valley branch of Russian River for irrigation of 10 acres; est cost $1000.

Permit 1531 (Placer Co) Bank of Italy, San Francisco, for 0.2 cu. ft. per sec. from Strap Ravine, for irrigation of 40 acres; est. cost $2500.

Permit 1533 (Los Angeles Co) C. R. Morgan, Tujunga, Cal., for 0.75 cu. ft. per sec. from springs for domestic use; est. cost $6000.

Permit 1540 (Inyo Co) R. D. Warnock, Trona, Cal., for 1 cu. ft. per sec. from Jail Canyon Creek for power purposes. Proposes to develop 40 t.h.p. Est. cost $5000.

Permit 1541 (Eldorado Co) E. D. N. Lobe, Al Tahoe, for 18½ cu. ft. per sec. from Cold Creek, for power purposes; proposes to develop 357 t.h.p.; est. cost $10,000.

Permit 1542 (Tehama Co) Bank of Tehama County, Red Bluff, Cal., for 1.75 cu. ft. per sec. from Sacramento River, for irrigation of 140 acres; est. cost $2500.

Permit 1543 (San Bernardino Co) J. S. Edwards, Redlands, Cal., for 0.65 cu. ft. per sec. from Chipmunk Creek, for domestic use; est. cost $1000.

LIGHTING SYSTEMS

SANTA PAULA, Cal.—Osborn Electric Co., Turlock, awarded contr. by city trustees at $25,114 for street lighting projects Nos. 1 and 2, involv. approx. 123 ornam. posts; 15,000 ft. of conduit; 30,000 ft| lead covered cable with connections, etc.

LOS ANGELES, Cal.—Newbery Elec. Corp., 724 S. Olive St., awarded contr. by Ed. Pub. Wks. at $42,136 to install ornamental lighting system on Washington St., bet. Hobart Blvd. and 50 ft. west of 8th Ave. Other bids were: Osborn Electric Co., $42,485; H. H. Walker, $42,912; J. C. Rendler, Inc., $43,333.

RIVERSIDE, Cal.—Osborn Elec. Co., Turlock, awarded cont. by council at $10,187 to const. electric lighting system on Market St., bet. 4th St. and 70 ft. so. of 14th St. City of Riverside Electrical Dept. bid $10,421.40.

NEWPORT BEACH, Cal.—Until 7:30 p. m., Dec. 3, bids will be rec. by city trustees to const. lighting system on 36th St. and Finley Ave. Est. cost about $2000. Paul E. Kressly, 732 H. Hellman Bldg., Los Angeles, city engr.

EL SEGUNDO, Cal.—See "Streets & Sewer Works," this issue.

SAN BERNARDINO, Cal.—Until 7:30 P. M., Dec. 3, bids will be rec. by council to const. ornam. lighting system, consisting of conc. posts, wires, etc., complete, on E St., bet. Fifth St. and Highland Ave.; 1911 Act. J. H. Osborn, City Clerk.

MACHINERY & EQUIPMENT

OAKDALE, Stanislaus Co., Cal.—Provision is made in a $175,000 bond issue of the Oakdale Irrigation District for $15,000 to purchase a steam shovel. M. P. Kearny is secretary of the district.

MADERA, Madera Co., Cal. — Until Dec. 4, 3 p. m., bids will be rec. by L. W. Cooper, county clerk, to furnish and install in laundry building at county hospital, one 100-in. Shew Type laundry mangle, with a capacity of at least 3 sheets per minute. Cert. check 10% required with each bid. Further information obtainable from clerk.

PORTERVILLE, Tulare Co., Cal.—City trustees, Geo. D. Avery, city clerk, will purchase a motor street sweeper of the latest improved type. Fred Pease is city eng.

SAUSALITO, Marin Co., Cal.—Until Nov. 28, 8 P. M., bids will be rec. by C. W. Ellis, Clerk, Sausalito School District, to lease automobile bus for transporting school children, the district to be given option to purchase the vehilce any time after July 1, 1924. Further information obtainable from clerk.

SAN RAFAEL, Marin Co., Cal.—County Supervisors, Rob. E. Graham, Clerk, authorize county purchasing agent to purchase 3½-ton White truck, cost not to exceed $6,000 and to be paid from Rd. Dist. No. 1 fund.

SAN RAFAEL, Marin Co., Cal.—County Supervisors, Rob. E. Graham, Clerk, authorize county purchasing agent to purchase Rix compressor and air drill, the cost not to exceed $2,000, for use in Rd. Dist, 4.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, plans bond issue for $1,000,000 to finance purchase of motor buses to solve city transportation problem.

FIRE ALARM SYSTEMS

FORTUNA, Humboldt Co., Cal.—L. S. East, chairman of committee of Fortuna Businessmen Club, has completed report on proposed installation of electrical fire alarm system and will present same to city trustees seeking installation.

YUBA CITY, Sutter Co., Cal.—City trustees contemplate installation of modern fire alarm system. Representatives of various companies will be asked to submit plans for the system.

SAN ANSELMO, Marin Co., Cal.—Fire Prevention Co. at $3,292 submits low bid to town trustees to install fire alarm boxes and connections. Gamewell Fire Alarm and Telegraph Co., only other bidder at $3,665. Taken under advisement.

RESERVOIRS AND DAMS

HOLBROOK, Ariz. —The Woodruff-Irrigation project has asked state sanction for an issue of $40,000 in bonds to const. diversion dam on Little Colorado river. About 11,000 acres are to be irrigated.

LOS ANGELES, Cal. — The Boulder dam survey being made by the city of Los Angeles under the direction of Chief Engr. Mulholland, is to be resumed with the idea of securing a feasible site on the Colorado near Blythe for a low dam, possibly 100 ft., to furnish a suitable intake for the proposed aueduct, without waiting for the settlement of the Boulder dam uestion.

RAILROADS

SUMMIT, Placer Co., Cal.—Southern Pacific Co., 65 Market St., San Francisco, has started construction of 2-mi. tunnel through the Sierras as part of the company's double-tracking program on the Ogden route. The tunnel tracks will be on a level of 120-ft. below the altitude of the present route. Est. cost $2,000,000. Will require 14 months to complete work.

EUREKA, Humboldt Co., Cal.—Until Nov. 20, 5 p. m., bids will be rec. by John W. Griffiths, city supt. of public works, for furnishing rails for Muny Rlwy. system; same to be delivered f. o.b. Eureka. Delivery to be made 4 mos. after award of contract. Further information obtainable from above.

LOS ANGELES, Cal.—Until 2:30 P. M., Nov. 23, bids will be rec. by harbor comm., 312 Byrne Bldg., for nails, spikes and washers. Spec. No. 540. Guy W. Wade, Secretary.

MISCELLANEOUS SUPPLIES

YREKA, Siskiyou Co., Cal. — Until Dec. 3, 10 a. m., bids will be rec. by W. J. Neilon, county clerk, for supplying fuel oil to county buildings for period of 12 months ending Dec. 31, 1924; same to be commercial grade, the gravity in degrees A. P. I. to be not less than 14. Prices to include delivery by seller on order of buyer, in not less than carload lots, to be delivered to the county buildings as required.

LOS ANGELES, Cal.—Until 2:30 p. m. Nov. 30 bids will be rec. by harbor com. 312 Byrne Bldg., for chain and eye bolts under spec. No. 541. Guy W. Wade, secretary.

VALLEJO, Solano Co., Cal. — City council, Alf. E. Edgcumbe, clerk, will purchase street signs. Appropriation of $1200 made for purchase. T. D. Kikenny is city eng.

LOS ANGELES, Cal.—Until 2:30 p. m., Nov. 30, bids will be rec. by harbor comm., 312 Byrne Bldg., for O. P. cross-over ties under spec. No. 547. Guy W. Wade, secretary.

PIPE LINES, WELLS, ETC.

PASADENA, Cal.—City board of directors adopt resolution preparatory to calling an election to vote $125,000 in bonds to finance pipe line connections to the sewage disposal plant.

Larsen Advance Construction Reports

Issued every business day of the year features timely items on all classes of construction work contemplated, bids wanted and contracts awarded for all classes of buildings—streets, sewer and highway projects—railroads—fire equipment—pipe lines—wells and waterworks—machinery and equipment—U. S. Government Work and Supplies—bond issues contemplated or voted for all character of public improvements—official proposals, etc., etc. Sample copies will be sent on request.

Larsen Advance Construction Reports

818 Mission Street San Francisco, Calif.

MERCED, Merced Co., Cal.—Following bids rec. by Merced Irrigation Dist., Nov. 8, to const. Exchequer dam: (a) Lynn S. Atkinson, 921 Chapman Bldg., Los Angeles, Form 1, contractor to furnish aggregates for concr., $1,719,550; Form 2, dist. to furnish aggregates, $1,192,550; (b) Bent Bros., 1714 Eagle St., Los Angeles, Form 1, $1,840,100; Form 2, $1,189,-100; (c) Twohy Bros. and P. Welch & Co., San Francisco, Form 1, no bid; Form 2, $1,352,150; (d) Utah Constr. Co., San Francisco, Form 1, $2,158,800; Form 2, $1,414,800; (e) Engr.'s est., Form 1, $1,457,400; Form 2, $1,011,000. Alternate bids were taken for partial completion of the dam.

Alternate bids were: Lynn S. Atkinson, (4b) 240,000 to 280,000 cu. yds. concr. in dam, Form 1, $1,648,209, Form 2, $1,116,209; (4c) 200,000 to 240,000 cu. yds. concr., Form 1, $1,625,281.90, Form 2, $1,073,281.90; (4d) 160,000 to 200,000 cu. yds. concr., Form 1, $1,540,376, Form 2, $1,050,376; (4e) 140,000 to 160,000 cu. yds. concr., Form 1, $1,357,589, Form 2, $933, 589.

Bent Bros. (4b) 1—$1,672,041, 2—$1,084,041; (4c) 1—$1,527,725, 2—$1,023,725; (4d) 1—$1,388,976; 2 — $968,976 (4e) 1—$1,198,490, 2—$862,490.

Utah Constr. Co. (4b) 1—$1,924,469.25, 2—$1,249,069.25; (1c) $1,716,356.45, 2—$1,125,956.45; (4d) 1—$1,494,880, 2—$994,-880, (4e) 1—$1,263,261.75, 2—$856,861.75.

Twohy Bros. & Welch Co. (4b) 2—$191,299; (4c) 2—$1,104,279; (4d) $1,909,300; (4e) 2—$896,551; Thebo. Starr & Anderton, engrs Bids taken under advisement.

The unit bids were as follows:

	No. 1. (a)	No. 2. (a)	No. 1. (b)	No. 2. (b)	No. 1. (c)	No. 2. (c)	No. 1. (d)	No. 2. (d)	No. 1. (e)	No. 2. (e)
1.— 6,000 cu. yds. com. excav.	$ 3.00	$ 3.00	$ 4.00	$ 4.00	no bid	$ 5.00	$ 2.50	$ 2.50	$ 2.00	$ 2.00
2.— 35,000 cu. yds. rock excav., foundation	5.00	5.00	4.00	4.00	no bid	5.00	5.00	5.00	5.20	5.20
3.— 15,000 rock excav., spillway	4.00	4.00	4.00	4.00	no bid	5.00	5.00	5.00	5.20	5.20
4a.— 310,000 cu yds. concrete	4.50	2.80	5.00	2.90	no bid	[illegible]	[illegible]	3.50	3.68	2.24
4b.— 280,000 cu. yds. concrete	5.00	3.10	5.20	3.10	no bid	3.30	6.03	3.60	3.80	2.32
4c.— 240,000 cu. yds. concrete	5.75	3.45	5.48	3.38	no bid	3.50	6.16	3.70	4.00	2.46
4d.— 200,000 cu. yds. concrete	6.50	4.05	5.90	3.80	no bid	3.75	6.30	3.80	4.27	2.65
4e.— 160,000 cu. yds. concrete	7.00	4.35	6.20	4.10	no bid	4.00	6.44	3.90	4.08	2.94
5.— 60 cu. yds. pressure grout	60.00	60.00	50.00	50.00	no bid	60.00	40.00	40.00	30.00	30.00
6.— 1,000 lin. ft. drainage wells	5.00	5.00	6.00	6.00	no bid	5.00	5.00	5.00	3.00	3.00
7.— 2,000 lin. ft. grout holes	3.00	3.00	5.00	5.00	no bid	3.00	2.25	2.25	2.00	2.00
8.— 5,000 lin. ft. contraction seals	2.00	2.00	1.00	1.00	no bid	2.00	1.00	1.00	1.00	1.00
9.— 9,000 lin. ft. grout and other pipes	.60	.60	.25	.25	no bid	.50	.80	.80	.50	.50
10.— 85,000 lbs. reinforcing steel	.05	.05	.03	.03	no bid	.04	.04	.04	.02	.02
11.— 60,000 lbs. structural steel	.05	.05	.05	.05	no bid	.05	.05	.05	.02	.02
12.— 5,000 sq. ft. coating for metal work	.10	.10	.10	.10	no bid	.05	.10	.10	.12	.12
13.— 5,000 sq. ft. coating for unlined waterways	.10	.10	.10	.10	no bid	.05	.10	.10	.10	.10
14.— 1,100,000 lbs. setting valves and gates	.03	.03	.03	.03	no bid	.04	.03	.03	.02	.02

ARCADIA, Cal.—All bids submitted Nov. 7 for furnishing and laying 3300 ft. more or less of 8-in. riveted steel pipe, and standard screw pipe in Orange Ave., rejected by the city trustees as too high. The city engr. and water supt. will purchase the pipe and have the work done by force account. Bids were submitted by Lacy Mfg. Co., Western Pipe and Steel Co., Pacific Pipe & Supply Co. and Baker Iron Wks.

EUREKA, Humboldt Co., Cal.—Until Nov. 20, 5 p. m., bids will be rec. by John Griffith, City Supt. of Public Works, for fur. and del. Eureka Water Department, f. o. b. dock, Eureka, 1300 ft. 6-in. and 900 ft. 8-in. class B c. i. pipe. Delivery to be made 60 days after award of contract.

EL SEGUNDO, Cal.—Pacific Pipe & Supply Co., 1002 S Santa Fe Ave., Los Angeles, awarded contr. by city trustees for 5000 ft. 4-in. cast iron pipe as follows: 2500 ft. alongside trench at $70.26 per 100 ft.; 2500 ft. delivered to corporation yard at $69.72 per 100 ft.

BELLINGHAM, Wash.—Until Nov. 30 10:30 a. m., bids will be rec. by City Comptroller for fur. and del. approx. 600 tons of c. i. pipe, as follows: 3300 ft. 4-in. class C; 7600 ft. 6-in. class C; 3800 ft. 8-in. class B; 3000 ft. 8-in. class C; 1600 ft. 10-in. class B; 3200 ft. 12-in. class B; 1000 ft. 12-in. class C. All to be stand. weight ad thickness, coated inside and out; bid prices f. o. b. Bellingham Municipal dock (if shipped by water) according to American Standard Waterworks specifications; material to be delivered March 15, 1924.

VERNON, Cal.—Pac. pipe & Supply Co., 1002 S Santa Fe Ave., submitted low bid to city trustees for class D cast iron water pipe, and class D fittings as follows: 300 ft. 20-in. at $6.50 ft; 7296 ft. 16-in. at $4.48 ft; 15,672 ft. 14-in. at $3.65 ft; 16,884 ft. 12-in. at $2.83 ft; 2832 ft. 10-in. at $2.17 ft; 908 ft. 8-in. at $1.55 ft; 1200 ft. 6-in. at $1.08 ft; fittings, $130 per ton.

U. S. Cast Iron Pipe & Fdy Co. bid $6.78 20-in.; $4.68 16-in.; $3.82 14-in.; $2.91 12-in.; $2.23 10-in.; $1.62 8-in.; $1.11 6-in.; 5.5c to 6.75c per lb. fittings.

Bids under advisement Howard McCurdy, 394 Pac. Elec. Bldg., Los Angeles, engineer.

VERNON, Cal.—Eugene B. Fish, Cudahy, submitted low bid to city trustees at $6649 for drilling one 18-in. water well, 600 ft. deep. Other bids were: So. Cal. Well Drilling Co., $6659; S. F. Cady, $8100. Howard McCurdy, 394 Pac. Elec. Bldg., Los Angeles, engr.

MONROVIA, Cal. — Lacy Mfg. Co. awarded cont. by city trustees at $2.26 per ft. for fur. 20-in. steel water pipe. Other bids were: Baker Iron Works, $2.31; Western Pipe & Steel Co., $2.31; Haynes O'Gara & Haynes, $2.81 5-6.

LOS ANGELES, Cal.—Union Tank & Pipe Co., 2801 Santa Fe Ave., submitted low bid to board of public service commissioners at $5154.95, for well casing and starters under spec. 694-C. American Steel Pipe and Tank Co. bid $5286.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Board of Public Works declares its intention to construct the Sunset tunnel project; est. cost $1,400,000. Will have its easterly portal at Danvers and Merritt Sts., pass beyond Corbett rd. and under "Mt. Olympus," having its westerly portal in the block bounded by Alma, Belvedere, Rivolo and Cole Sts.; will be vehicular and pedestrian with accommodations for street cars; 46-ft. wide and pave with asphalt.

SANTA BARBARA, Cal.—Montecito county Water Dist. will soon call for bids to const. 6000 ft. of water tunnel. Leeds & Barnard, consulting engrs., 704 Central Bldg., Los Angeles.

SEWAGE DISPOSAL PLANTS

WHITTIER, Cal.—An election will be held Nov. 20th to vote $50,000 bond issue to complete city sewage disposal plant now under construction. This work was started about a year ago under the bonds voted at that time. The total cost will be about $90,000, and the funds available were insufficient. Black & Veatch, Fay Bldg., Los Angeles, consulting engrs.; Alva J. Smith, in charge.

PISMO BEACH, Cal.—City trustees will set date shortly to vote $33,000 bond issue for sewage disposal plant and outfall sewer to care for Pismo Beach Sanitary Dist., San Luis Obispo county, Black & Veatch, consulting engrs., Fay Bldg., Los Angeles; Alva J. Smith in charge. The system will consist of a septic tank of reinf conc. constr., with sludge discharge into ocean, 1200 ft. long, of cast iron pipe. This plant will care for the hotels, and other business houses which discharge directly into the ocean at the present time. It will also be of capacity to take care of a future sanitary system for other parts of the town, now served by cesspool.

LOS ANGELES, Cal.—Until 10 a. m. Nov. 26 bids will be rec. by Bd. Pub. Wks. to fur. pneumatic sewage ejector system for the south plant of the Hyperion Sewage Treatment Plant. Plans and spec. on file at office of the city engr., s city hall annex. H. B. Ferris, secy of board.

OAKLAND, Cal. — M. Murphy, 1321 Milvia St., Berkeley, at $6614 awarded cont. by supervisors to const. septic tank and cesspool at county farm. Other bids: W. D. Ellis, Berkeley $7999 Bruce & Sons, $7475; Abeel Co., $7133.

WATER WORKS

LOS ANGELES, Cal.—Until 3 p. m., Nov. 23, bids will be rec. by public service comm., 207 S Bdwy., for one 250 h.p. 50-cycle, 2200-volt, 3-phase pole motor. Spec. 695-D. Jas. P. Vroman, secy.

LOS ANGELES, Cal.—Until 11 a. m., Dec. 3, bids will be rec. by supervisors to erect a two-unit water softener filtre at the county farm.

TERRA BELLA, Tulare Co., Cal. — Western Pipe and Steel Co., 444 Market St., San Francisco, at $5150 awarded contract by Terra Bella Irrigation District for 5000 bbl. steel stand pipe.

ELK GROVE, Sacramento Co., Cal.—Until Nov. 23, 8 p. m., bids will be rec. by S. R. Gage, clerk Elk Grove Union High School District, to furnish and install deep well pump and pressure tank at high school. **See call for bids under official proposal section in this issue.**

REDWOOD CITY, San Mateo Co., Cal —County Purchasing Agent E. H. Werder instructed by supervisors to secure estimates of cost for the installation of a cooling tower for water at the county Community Hospital.

GLENDALE, Cal.—Until 7 p. m., Nov. 22, bids will be rec. by City Clerk A. J. Van Wie for one 250-amphere, 3-phase automatic induction regulator, 10% buck and boost, to operate 2300 volt, 50 cycle current, complete with control apparatus; operating motor to operate on 220 volt, 50 cycle current; also 1 6.6 amp., 28 K. V. A. constant current, moving coil, station type regulator to operate on 2300 volt, 50 cycle current, with current transforme and ammeter for secondary circuit. Bidders to submit spec. of apparatus they propose to furnish.

PLAYGROUNDS AND PARKS

SACRAMENTO, Cal—City will shortly select site for W. P. Coleman memorial fountain for which $30,000 is available. The fountain will probably be erected in one of the city parks.

RICHMOND, Contra Costa Co., Cal.—F. Silveria, Richmond, at $1108 submits low bid to city council for fill at Elm Park. Other bids: L. L. Page, $1598.40; Robert Dorman, $1176. Taken under advisement.

RICHMOND, Contra Costa Co., Cal. —City council, A. C. Faris, clerk, will ask bids at once to plant trees and shrubbery in Nicholl Park; 287 trees and 2263 shrubs will be planted. Dr. Carol Anonovici is city planing engineer.

HUNTINGTON PARK, Cal.—So. Cal. Fence Constr. Co., 3651 Whittier Blvd., awarded contr. by city trustees at $1.45 lin. ft. to const. 600 ft. wire fence bet. the Intermediate school grounds and the city park.

SEWERS & STREET WORK

SANTA ANA, Cal.—Wells & Bressler, Santa Ana, awarded cont. by city trustees at $63,915.94 to imp. N Garnsey St. bet. West 6th and West 8th Sts. and portions of other streets, involv. 310,345.5 sq. ft. grading and paving with 5-in. cem. conc. and belt-finish wearing surface 19.8c ft; 3849.5 ft. curb 50c ft; 197 ft. 6-in. main sewer 75c ft; 935 ft. 4-in. hse. sewer 50c ft; flush tank $120. Other bids were: Oglesby & Dahl, $65,194.96; B. R. Ford, $64,958.98; Blumenkranz & Vernon, $84,945.63.

NEWPORT BEACH, Cal.—In connection with the proposed improvements at Newport harbor, the associated chambers of commerce of Orange county have advanced a project to build a boulevard from the north part of the county through to Newport. The probable cost of such a highway would be in the neighborhood of $1,000,000.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. 4th St., Jefferson and Grove, Grove and Brush and Brush and Market Sts., involv. grade, $.06; conc. curb without guard, $.80; conc. curb with steel guard, $1.10; conc. gutter, $.35; 4-in. asph. conc. base with 3-in. Warrenite-Bit. surface, $.29.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

SANTA ROSA, Sonoma Co., Cal.—Until Dec. 13, bids will be rec. by W. W. Felt, Jr., County Clerk, to const. Jenner-Mendocino county highway. Funds totaling $140,000 were provided for this unit in the county bond issue.

EL SEGUNDO, Cal.—C. W. Sparks, 457 S Lake St., Los Angeles, submitted low bid to city trustees to imp. Main St., bet. Grand and Collingwood Aves., involv. grading at 2.5c s. ft.; class A curb at 70c ft; walk at 22c; 5-in. oil macad. at 15c ft; ornam. lighting system consisting of 59 reinf. conc. lighting posts, $13,350.

GLENDALE, Cal.—Bids rec. by council to imp. Alameda Ave., Glenwood Rd. and Mountain St., were:

Peter L. Ferry—30*3 lin. ft. grading; (1) 60 ft. roadway, $1.25 lin. ft.; (2) 30 ft. roadway, 70c sq. ft.; (3) ½346 sq. ft. macad. at 14c ft.; (5) 6615 ft. curb at 50c ft.; (6) cast iron water pipe, $4000 complete.

Cornwell & Henderson — (1) $2; (2) $1.50 lin. ft.; (3) 25c; (4) 15c; (5) 50c; (6) $3715.

W. J. Curren—(1) $1.12; (2) —; (3) 22c; (4) 13c; (5) 50c; (6) $3882.

Fleming Constr. Co.—(1) 60c lin. ft.; (2) 65c lin. ft.; (3) 21c; (4) 14c; (5) 50c; (6) $3800.

Frank R. Mosher—(1) 90c lin. ft.; (2) 60c lin. ft.; (3) 22c; (4) 13.25c; (5) 50c; (6) $3800.

LOS ANGELES, Cal.—Until 11 a. m., Dec. 3, bids will be rec. by supervisors to imp. Compton-Clearwater Rd. from east boundary line of city of Compton east to Ocean Blvd., 13,970 lin. ft., or 2.65 mi., involv. (1) 13,655 cu. yds. excavation; (2) 4667 cu. yds. removing old macad. paving; (3) 37,966 sq. yds. shaping roadway; (4) 37,966 sq. yds. macad. and disin. granite base; (5) 37,966 sq. yds. conc. pavement; (6) 27,940 lin. ft. shaping shoulders; (7) conc. culvert and headwalls. County furnishes 10,077 bbls. cement; county also pays freight on sand and gravel. Cash job No. 210. Average haul, 1½ mi. from Clearwater on U. P. Ry.

GLENDALE, Cal.—Frank R. Mosher, 118 S. Kenwood, Glendale, awarded contr. by city council, at $29,007.90 to imp. Alameda St., Glenwood Rd., and Mountain St., involving 3083 lin. ft. grading 90c lin. ft. grading 90c ft; for 60c lin. ft. roadway; grading for 30 ft. roadway 60c lin. ft; 6346 sq. ft. gutter 22c ft; 119,919 sq. ft. 5-in. macad. 13.25c sq. ft; 6615 ft. curb 50c ft; cast iron water pipe complete, $3800. Other bids were: Fleming Constr. Co., $29,013.15; W. J. Curran, $30,152.90; Peter L. Ferry, $31,171; Cornwell & Henderson, $35,870.25.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. portions of Julian ave., involv. grade; pave with 2-in. Warrenite-Bit. surface on 3-in. asph. conc. base; cem. conc. curbs and gutters; art. stone walks; 1 br. catchbasin with ci. top; 8-in. vit. pipe drains; 3 cem. conc. inlets; 8-in. vit. pipe drains; 1 br. manhole. 1911 Act & Bond Act 1915. Protests Nov. 26. Wm. Popp, city eng.

CALIFORNIA—State Highway Commission will ask bids shortly to grade and prepare for gravel, 7½-mi. of Victory bet. Truckee and Boca and to pave the Upper Stockton road bet. Sacramento and Oak Grove, 9½-mi. with concrete, in addition to 2-mi. of conc. pavement just south of Galt. Gravel of 4½-mi. of road bet. Beltane and Schellville, Sonoma county, has been authorized by the commission. R. M. Morton, state highway eng.

MARYSVILLE, Yuba Co., Cal.—City council plans to pave Third St. bet. C and E Sts., with "Asbestophalt," a patented paving. J. O. Wanzer is city manager.

SAN JOSE, Santa Clara Co., Cal.—City council, John J. Lynch, clerk, declares inten. to imp. 2nd bet. Santa Clara and San Fernando st., involv. removal of existing basalt block gutters and const. hyd. conc. gutters in place with gravel fill foundation; remove portions of existing blt. wearing surface and replace with asph. conc. binder, etc. 1911 Act & Bond Act. Protests Nov. 26. Wm. Popp, city eng.

NEVADA—C. Miles, Sacramento, Cal., at $74,695.30 awarded cont. by Nevada State Highway Commission to const. culverts in Washoe county, bet. Lawtons and 2 mil. east of Verdi. Contract No. 94. Other bids were:

Charles Harlows Jr., Oakland, Cal.	$75,491
Tieslau Bros., Berkeley, Cal.	77,222
Dredge Machinery Co., S. F., cal	94,361
Nevada Contracting Co., Fallon, Nevada	95,131
Blumenkranz & Vernon, Stockton, Cal.	106,227

Project involv. 62,000 cu. yds. unclassified excavation; 158,375 yd. sta. overhau; 250 cu. yds. "A" conc.; 35 cu. yds. "B" conc.; 326 lin. ft. 15-in., 318 lin. ft. 18-in., 26 lin. fa. 36-in. metal pipe place; 52 lin. ft. 24-in. corru. metal syphon, in place; 3,032 lin. ft. wooden guard rail, in place; 65 monuments, in place. State will furnish gravel and sand for concrete in stock piles.

NEVADA—Fred Coolidge, Laramie, Wyoming, at $173,147.06 awarded cont. by Nevada State Highway Commission to const. gravel surface in Churchill county, bet. Eastgate and East county line (Carroll Summit). Contract No. 93. Other bids were:

Morrison-Knudsen Co., Boise, Idaho	$189,165
Ken Hodgman, Winnemucca, Nev.	189,949
Nevada Contracting Co., Fallon, Nev.	190,664
W. J. Schmidt, Berkeley, Cal.	281,055

Project involv. 133,100 cu. yds. unclassified excavation; 25,753 yd. sta. overhaul; 6.06 mi. prepare sub-grade and shoulders; 6,400 cu. yds. loading and screening gravel; 9,100 mi. hauling gravel; 6,400 cu. yds. spreading gravel; 65 cu. yds. "A" conc.; 1,162 lin. ft 15-in., 302 lin. ft. 18-in. and 158 lin. ft. 24-in. corru. metal pipe, in place; 810 cu. yds. dry rubbel masonry; 355 cu. yds. dry rubbel masonry; 355 cu. yds. rip rap; 4,240 lin. ft. stand and 688 lin. ft. special wooden guard rail, in place; 169 galv. iron pipe monuments, in place.

SISKIYOU CO., Cal.—Calvert & Calvert, Schroeder and Pearce, Grants Pass, Ore., at $25,548.60 awarded cont. by state highway comm., to const. 32,340 lin. ft. guard rail in Siskiyou county bet. Hornbrook and Yreka. Eng. est. $24,872.

VENICE, Cal.—City Engr. John Griffin preparing plans for permanent outfall sewer. The wooden pipe line is to be replaced with iron pipe.

FRESNO, Fresno Co., Cal. — City council appropriates $25,000 to widen Belmont Ave., bet. Glenn and Forthcamp. sts. Wm. Stranahan, city eng.

ANAHEIM, Cal.—Until 8 p. m. Nov. 22 bids will be rec. by city trustees to const. san. sewers in certain streets and lands as follows: Job No. 1—Sewer farm line: 1302 ft. of 20-in. vit. pipe; 1 manhole. Job No. 2—La Palma St. line: 5408 ft. of 12-in. vit. pipe; 4174 ft. of 10-in. vit. pipe; 10 ft. of 8-in. vit. pipe; 9 manholes. Sixteen 12x4 Y Bids will be received on Jobs Nos. 1 and 2 separately. Plans and spec. on file at office of the city engr. Cert. chk. or bond, 10%.

SISKIYOU COUNTY, Calif.—Following bids rec. by State Highway Comm., Forum Bldg., Sacramento, Nov. 13, to grade and surface with crushed gravel or broken stone, 9.8 mi. of highway in Siskiyou county, bet. 2-mi. south of Hornbrook and Oregon State Line, involving 122,900 cu. yds. excavation without classification; 37,000 sta. yds. overhaul; 2100 cu. yds. structure excavation without classification; 19,100 cu. yds. crushed gravel or broken stone surface; 700 cu. yds. class A Portland cement concrete (culverts and monuments); 400 lin. ft. 12-in., 3400 lin. ft. 18-in. and 600 lin. ft. 24-in. corru. metal pipe; 132 monuments. Commission will furnish corru. metal pipe.

Dunn & Baker, Klamath Falls limit 150 days.	$205,000
T. R. Adams Snelling	215,474
Wm. Don Vanderheller, Medford, Oregon	245,068
D. I. Vennis, McMinnville, Ore.	282,534
J. P. Holland, S. F.	323,262
Kaiser Paving Co., Oakland	398,000
Engineer's estimate Limit 200 Days	226,113
F. M. Schell, Oakland, Ore.	$192,864
Dunn & Baker, Klamath Falls Oregon	
A. Kern, Portland, Ore.	198,580
Wm. Don Vanderheller, Medford, Oregon	222,162
Kaiser Paving Co., Oakland	304,625
Engineer's estimate	219,968

SAN MATEO, San Mateo Co., Cal.—Until Dec. 3, 8 p. m. bids will be rec. by E. W. Foster, city clerk, to imp. present parkway curbs in Hayward ave. bet. El Camino Real and Palm ave., by removing and const. new curbs and repaving with 1½-in. asph. wearing surface on 3½-in. asph. conc. base. 1915 Bond Act. Cert. check 10% payable to city req. Stanley Whitehead, city eng.

SAN RAFAEL, Marin Co., Cal.—T. A. MacDougall & Son, at $3,461 awarded cont. by supervisors to resurface road in Town of Tomales. Other bids: A. D. Sefried, $3,752; J. O'Hara, $4,992; Gates & Howe, $3,945.

LOS ANGELES COUNTY, Cal.—Until Dec. 10, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade 10.4-mi. in Los Angeles county, bet. Quail Lake and Northerly boundry. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

OAKLAND, Cal.—City council, E. F. Sturgis, clerk, declares inten. (No. 27968) to const. sewer with appurtenances in portions of Broadway, Lawton and Taft Aves; 3 catchbasins and junction chamber. 1911 Act. Protests Dec. 6. W. W. Harmon, city eng.

SAN DIEGO COUNTY, Calif. — Until Dec. 10, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with Portcem. conc. 16.2-mi. in San Diego county bet. San Diego and Oceanside. R. M. Morton, State Highway Engineer. **See call for bids under official proposal section in this issue.**

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

SAN RAFAEL, Marin Co., Cal.—S. P. Brownlee, San Rafael, at $13,114 awarded cont. by supervisors to imp. portion of county road from Bon Tempe to top of Alpine grade, approx. 2-mi. Other bids: Giddings & White, $16,640; J. P. Howard, $21,100.

STOCKTON, San Joaquin Co., Cal.—City council, A. L. Banks, clerk, declares inten. to imp. portions of E. Weber ave. and B st., grade; const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. crushed rock base, 2½-in. asph. conc. base with 2-in. asph. conc. wearing surface; portion of C st., grade; const. comb. conc. curbs and gutters; conc. walks; pave with 4-in. crushed rock base with 2-in. asph. conc wearing surface. 1911 Act & Bond Act 1915. Protests Nov. 26. W. B. Hogan, city eng.

SAN RAFAEL, Marin Co., Cal.—County surveyor instructed to prepare spec. to scarify, grade and gravel east slope of White's Hill in Rd. Dist. 2. Spec. also ordered prepared to imp. county road from summit of Dias Hill to Willow Camp, approx. 5-mi. in length and the road from Tiburon to California, approx. 3-mi.

SAN JOSE, Santa Clara Co., Cal.—County supervisors order survey for proposed highway from Saratoga up to the summit to tap the Skyline Blvd. The road will be approx. 6-mi. in length. Robert Chandler, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Santa Clara st. bet. Market and First sts., invol. removal of existing basalt block gutters and make gravel fill replacing with hydr. conc. gutters; removel portions of existing bit. wearing surface pavement and replace with asph. conc. binder cource, etc. Act & Bond Act 1915. Protests Nov. 26. Wm. Popp, city eng.

EL CENTRO, Cal.—L. A. Paving Co., 2900 Santa Fe Ave., Los Angeles, awarded contr. by city trustees to pave various streets. The price on 5-in. paving was 23c sq. ft. The work includes 156,000 sq. ft. asph. conc. paving (4-in. base, 2-in. surface); 391,000 sq. ft. asph conc. paving (3½-in. base, 1½-in. surafce); 20,000 ft. cem. curb; 1300 ft. c. i. water mains; 500 water service lines; 2 catch basins; 4 soil pipe culverts; 8 street lighting standards.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City trustees set Dec. 3 as date to vote bonds of $58,000 to const. sewers in San Bruno rd. from Chapman ave. to north boundary line of city and in Butler rd. including the const. of outfall sewer in addition to a system of sewers in portions of city lying west of Chestnut Ave. Daniel Sweeney is city clerk and Geo. A. Kneese, city eng.

CALIFORNIA—State Board of Control has purchased $3,000,000 block of 4¾ per cent state highway bonds with the understanding that it would immediately offer for sale to the highest bidder these bonds together with a block of $3,000,000 in 4¼ per cent bonds purchased three months ago by the board.

PORTERVILLE, Tulare Co., Cal. — H. D. Churchill Co., 350 Merrick St., Los Angeles, at $11,764.50 submits low bid to city trustees to imp. Bellevieb Ave., bet. Hawaii and Palm Aves., involving grade; const. cem. conc. curbs, culverts and pave with 5-in. hyd. conc. 1915 Bond Act. Cert. check. Other bids were:

F. W. Neighbert, Bakersfield..	15,941
Valley Constr. Co., Visalia.....	11,892
Blanco & Taylor, Los Banos....	12,429
Leo Caldwell, Fresno	13,869
N. M. Ball, Porterville	12,288
Frederickson & Shannon, Fresno	13,248
Isbell Constr. Co., Fresno.....	13,488

Taken under advisement until Nov. 15. Fred Pease, city eng.

PORTERVILLE, Tulare Co., Cal. — Valley Paving & Const. Co., Visalia, at $130,262.30 submits low bid to city trustees to imp. portions of Henrahan, Valentine, Fourth Sts., etc. etc., grade; const. conc. curbs, gutters, walks and culverts; cem. conc. conduit; storm water drains; pave with 5-in. hyd. conc. 1915 Bond Act. Other bids were:

F. W. Neighbert, Bakersfield..	159,651
H. D. Churchhill So., L. A.....	133,825
Blanco & Taylor, Los Banos...	140,775
Leo Caldwell, Fresno.....	138,089
N. M. Ball, Porterville.....	130,879
Frederickson & Shannon Fresno	139,483
Isbell Constr. Co., Fresno.....	139,617
I. A. Hanrahan, Fresno.....	147,450

Taken under advisement until Nov. 15. Fred Pease, city engineer.

LYNWOOD, Cal.—Hall-Johnson Co., P. O. Box 51 Lynwood, awarded contr. by city trustees at $92,260 to pave Agnes St., Cedar Ave., etc., involv. 343,000 sq. ft. grading 1.4c ft.; 47,850 sq. ft. oiling 4.5c ft.; 295,150 sq. ft. 4-in. macad. 13c ft; 116,850 sq. ft. walk 18c ft; 29,290 ft. curb 60c ft; 30,750 sq. ft. gutter 27c ft. Other bids were: Francisco & Ellington, $96,702; Blumenkranz & Vernon, $106,810; Geo. H. Oswald, $106,910.

NATIONAL CITY, Cal.—John Engebretsen, 205 McNeece Bldg., San Diego, awarded contr. by city trustees for imp. B, C and D Aves., involving 6972 cu. yds. excav. $1.65 yd; 6650 cu. yds. embank. 10c yd; 31,538 sq. ft. cem. conc. walk 14c ft.; 6295 lin. ft. curb 40c ft.; 3268 sq. ft. gutter 5c ft; culverts, $1794.

LYNWOOD, Cal.—Hall-Johnson Co., P. O. Box 51, Lynwood, awarded contr. by city trustees at $92,300 to pave Agnus St., Cedar Ave., etc., involving 343,000 sq. ft. grading 1.4c ft.; 47,850 sq. ft. oiling 4.5c ft; 295,150 sq. ft. 4-in. macad. 13c ft; 116,850 sq. ft. walk 18c ft; 29,290 ft. curb 60 ft; 30,750 sq. ft gutter 27.5c ft.

SAN LUIS OBISPO, Cal.—One bid rec. by county supervisors to pave with conc. Arroyo Grande-Huasna road, that of Branch and Richardson, rejected and work will be done by day labor under supervision of County Surveyor Black.

LA VERNE, Cal.—City trustees will call election to vote $65,000 bond issue for a city sewer system. The city desires to connect with Pomona's system using the latter's treatment plant for disposal. Black & Veatch, Fay Bldg., Los Angeles, consulting engrs; Alva J. Smith, in charge.

YREKA, Siskiyou Co., Cal.—No bids rec. by supervisors to gravel 3-mi. of Dorris-MacDoel road and it is probable that bids will be re-advertised for. Albert F. Parrott, county surv.

FRESNO, Fresno Co., Cal—City Commissioner of Public Works Wm. Stranahan has introduced resolutions to city council prohibiting the use of any material in street paving upon which a royalty is paid.

IMPERIAL COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with gravel 3.9 mi. in Imperial county, bet. Westmoreland and pt. 4-mi west. Project involv. 16,000 cu. yds. embankment without classification and 7000 cu. yds. gravel or stone surface. R. M. Morton, state highway eng.

AUBURN, Placer Co., Cal.—Skeels & Hudson, Auburn, at $6450 awarded cont by city trustees to imp. Cherry Ave., bet. Lincoln Way and Central Pacific R.R. right of way; Magnolia Ave., bet. Cherry and Tennis Way; Tennis Way from Magnolia Ave. southerly; grade; pave with 5-in. Port. cem. conc.; construct conc. curbs and gutters.

YREKA, Siskiyou Co., Cal.—County supervisors approve spec. to const. Dunsmuir high school and bids will be asked shortly. Albert F. Parrott, county surv.

HANFORD, Kings Co., Cal.—County Surveyor Roy May instructed to prepare plans for construction of three curves on Hanford-Coalinga highway, namely the Yoakum corner, the Hanford-Lemore corner and Browndale corner.

SANTA ROSA, Sonomal Co., Cal. — City council rejects bids to grade and pave with water bound macadam King and Beaver Sts., bet. Howard and Spencer Sts., ude to failure of bidders to enclose certified checks with bids. Geo. F. Comstock, city eng.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at $.99 lin. ft. awarded cont. by council to const. 1492 ft. 6-in. vit. sanitary sewer in Fairfield St. north of Harris.

GRASS VALLEY, Nevada Co., Cal.—City trustees petitioned to pave West Main St., bet. School St. and west city limits. Taken under advisement.

ALHAMBRA, Cal. — Hickey & Harmon, 58 2nd St., San Francisco, awarded contr. by city trustees to const. sewer system in sewer dist. 2 and 5, at $62,386.73 for dist. No. 3 and at $74,384.62 for dist. No. 5, involving 52,956 lin. ft. 8-in. vit. sewer, 137 manholes 46 flush tanks, 1491 hse. connections of 4-in. cast iron pipe. M. H. Irvine, city engr. Other bids were:

Green Constr. Co.—(3) $73,419.35; (5) $79,064.09.

Cox & Teget—(3) $65,305.33; (5) $79,141.39.

R. N. Nikcevich—(3) $79,402.49; (5) $76,340.

S. Zarubica—(3) $85,089.67; (5) $112,182.72.

Downer & Mero—(3) $66,283.87; (5) $83,040.95.

Adam Dalmatin—(3) $64,533.75; (5) $77,890.36.

Nick Bebek—(3)$74,443.56; (5) $76,055.79.

George Kemper—(3) $64,751.92; (5) $81,423.89.

Martin Brkich—(3) $75,403.65; (5) no bid.

NEVADA STATE — Morrison-Knudson Co., Boise, Idaho, at $84,193.98, submitted only bid to C. H. Sweetser, Dist. Eng. U. S. Bureau of Public Roads, 9 Main St., San Francisco, to const. Meadow Creek section, Gold Creek-Jarbidge Forest Highway in Humboldt National Forest, county of Elko, Nevada. Project consists of two sections of the Gold Creek-Jarbzidge road, located 3 to 16 miles north of Gold Creek and 75 mi. north of Elko, approx. 8.87 mi. in length, involv. 53,500 cu. yds. excav.; 1660 lin. ft. corru. metal pipe; 24 M.B.M. timber bridging; 300 cu. yds. cement rubble masonry.

Engineer's estimate, $68,692.21.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. Junction Valencia Phone Market 8926
24 VAN NESS AVENUE Near Market

Architects—Engineers—City and County Officials

How about bids wanted?

Are you satisfied with the bids you received on that last job?

Did you have competition—and plenty of it? If not—why not?

Without charge the BUILDING & ENGINEERING NEWS will place your job before the construction interests of the Pacific Coast. That means competition and—competition means the lowest possible bid.

If you want competition send particulars of your job to BUILDING & ENGINEERING NEWS—also a set of plans and specifications.

Reach the *Independent Bidder* through the columns of BUILDING & ENGINEERING NEWS

The combined news services of BUILDING & ENGINEERING NEWS have a circulation of

2804

—reaching the Engineer, Contractor and Material Dealer.

Can you reach one quarter the amount of interested people through any other news service published in this section? We think not—in fact, we know you cannot.

If you want *competition*—if you want *independent* contractors to figure your job—if you want the *lowest possible bid*—send particulars of your project to

Building & Engineering News

CALAVERAS COUNTY, Cal.—Following bids rec. by C. H. Sweetser, District Eng., U. S. Bureau of Public Roads, 9 Main St., San Francisco, to const. Murphy-Big Trees National Forest highway in Calaveras county, located about 55 mi. SE of Stockton, 15.5 mi. in length, involv. 100 acres clearing; 133,400 cu. yds. excavation; 45 cu. yds. A and 280 cu. yds. C conc.; 4300 lin ft. corru. metal pipe; 20 sq. yds ditch paving; 18 000 cu. yds. crushed rock surfacing (optional):

	A—contractor furnish explosives;	B—Government furnish explosives:
White, Leahy & Brown	183,550	178,262
C. E. Crowley, Pacific Bldg., Los Angeles	$153,267	$146,740
C Moreing, Stockton	161,010	153,185
W. J. Schmidt, Ekly	178,909	.....
Hodgeman & Logan	180,531	174,010
Irey & Holden, Lodi	181,646	177,407
C. R. Adams, Snelling	185,060	174,626
A. J. & J. L. Fairbanks Willits	186,738	173,695
Blumenkranz & Vernon, Stockton	192,986	187,769
P L. Burr, S. F.	203,034	192,122
J. Welsh, S. F.	208,902	202,381
J. P. Holland, S. F.	215,237	.....
Heafy, Moore, McNair, Oakland	227,712	225,103
Engineer's estimate	152,789	139,746

BAKERSFIELD, Kern Co., Cal. — Griffith Co., Los Angeles Railway Bldg. Los Angeles, at $238,130 submits low bid to county supervisors to imp. certain roads in Rd. Imp. Dist. No. 26, bet. Weed Patch and Arvin, 9.129 mi., involving 38,400 cu yds. excav.; 890,724 sq. ft. 6-in. pavement with 4-in. bitum. base and 2-in. topeka top; 3 galv. corr. iron culverts; 37,200 lin. ft. 2x3-in. Oregon pine headers. Other bids were:

Gibbons, Reed Co., L. A.	$257,000
Valley Paving & Const. Co., Visalia	248,000
G. H. Oswald, L. A.	252,000
Warren Const. Co., Oakland	251,620
Chas. H. Wimmer, Bakersfield	256,343
Southwest Paving Co., L. A.	260,000
California Constr. Co., S. F.	255,900
W. F. Hanrahan, Fresno	290,000

Paul E. Kressly, consulting engineer, H. W. Hellman Bldg., Los Angeles. Taken under advisement.

SANTA ROSA, Sonoma Co., Cal. — Delegates representing various districts through which the Sebastopol and Guerneville road will pass, at a recent meeting in Santa Rosa, voted to pave the stretch with Willite pavement. It is planned to organize a road district to finance the work.

DEL NORTE COUNTY, Calif.—U. S. Bureau of Public Roads, recommends award of contract to MacVicar, Walls and Logan, Grants Pass, Ore., to grade 7.2 mi. of Waldo-Elk Creek section of Grants Pass-Crescent City Natl. Forest, counties of Josephine, Ore., and Del Norte, California. Bid was $67,322 for concrete pipe and $64,165 for corru. pipe.

SAN FRANCISCO—A. J. Raisch, 46 Kearny St., at $4592.80 submits low bid to Bd. Pub. Works to imp. Landers St., bet. 75th and 16th Sts., involv. 520 lin. ft. conc. crub; 395 lin ft. conc wheel guard; 10,425 sq. ft. asph. conc. pavement and 2680 sq. ft. art. stone walks. L. J. Cohn, only other bidder at $4619.

Municipal Const. Co., 112 Lyon St., at $4647.85 low bidder to imp. Avalon St., bet. Mission and Lisbon, involv. 3004 cu yds. cut; 2472 cu. yds. fill; 453 lin. ft. 8-in. and 501 lin. ft. 12-in. sewer; 16 8-in and 9 12-in. wye branches; 134 lin. ft. 10-in. culverts; 4 br. manholes and 5 br. catchbasins. Other bids were: Jas. T. Tobin, $6466.58; L. J. Cohn, $4,698.25; C. B. Eaton, $5452.72; Fay Imp. Co, $5597.15; Chas. L. Harney, $6635.05; Thos. M. Gallagher, $6126.

RED BLUFF, Tehama Co., Cal. — County Surveyor C. F. Lunning preparing spec. for Red Bluff-Bend Rd. also for construction of two mile stretch of highway from Bend School House to Paynes Creek, including the construction of necessary culverts.

CORONADO, Cal.—John D. Spreckels donates funds to pave 3000 ft. stretch bet. the end of the tent city pavement and the end of the county Strand highway; est. cost $13,000.

WALNUT CREEK, Contra Costa Co., Cal.—Clyde Laird has been appointed town engineer.

BAKERSFIELD, Kern Co., Cal. — Griffith & Co., Los Angeles Railway Bldg., Los Angeles, at $238,000 awarded cont. by supervisors to construct 9½-mi. of Arvin-Weed Patch highway. Will be 18-ft. wide, 6-in. thick; 4-in. asph. conc. base with 2-in. asph. conc. top.

HANFORD, Kings Co., Cal. — City trustees petitioned to pave portion of Bush street. Referred to City Eng. Ben Duffield for report.

FRESNO, Fresno Co., Cal.—Until Dec. 6, 3:30 P. M., bids will be rec. by R. Y. St. George, City Clerk, to im. portions of Divisadero St., Involv. grade, const. conc. curb, gutters and walks, corru. metal culverts with culv. manholes; pave with 4-in. asph. conc base with 2-in. Warrenite-Bit. surface; 46 ft. 18-in. conc. storm sewer; 2 conc. sewer manholes. Cert check 10% payable to city req. Wm. Stranahan, city eng.

WATTS, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles, submitted only bid to city trustees at 25.5c sq. ft. to grade and pave Hickory St., involv. 71,651 sq. ft. 5-in. conc.; and Rudolph St., involv. 99,598 sq. ft. 6-in. conc.

Geo. R. Curtis, 2440 E 26th St., Los Angeles, awarded cont. to pave Ruoff St., involving grading at $1.25 lin. ft.; 108,085 sq. ft. 6-in. conc. paving at 24c sq. ft.

SAN DIEGO, Cal. — Carl S. Carlson, 1038 Sicard St., San Diego, submitted low bid to council at $10,263 to imp. Lamont St. and Mission View Blvd., involving 1976.5 cu. yds. excav., at 85c yd; 609.8 cu. yds. embank. at 15c yd; 88,344.92 sq. ft. 2-in. oil macad. at 95c ft.; $103.20 culvert.

G. R. Daley, 4430 Boundary St. low bidder at $25,906 to pave Arizona St., bet. University Ave. and Upas Sts., involving 10,890.36 s. ft. 1½-in. asph. concrete wearing surface on 4-in. conc. base at 21.7c ft.; sewer main at $1850; 11 6-in sewer laterals at $35.50 each.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. for vit. clay sewer lining blocks for sections No. 4 to. No. 8, incl., of the North Outfall Sewer were:

Pacific Clay Products Co.—(1) 190,000 vit. clay sewer lining blocks of Model B for sections 4 and 5 of the North Outfall sewer, f. o. b. cars at siding of Pacific Electric Ry. at Hyperion or Playa del Rey; price for 95,000 blocks, $294 per M; (2) 380,000 vit. clay sewer lining blocks of Model B, distributed along the line of sections 6, 7 and 8 of the North Outfall sewer; price for 180,000 blocks, $294 per M.

Tropico Potteries, Inc.—(1) $294 per M; (2) $294 per M.

PASADENA, Cal.—Adam Dalmatin & Mike Guho, 841 W 62nd St., Los Angeles awarded cont. by city directors at $67,000 for const. Linda Vista sewer system.

S. M. Milovich, 858 S Figueroa, L. A. awarded the contract at $1899 to const. sewer system on Allen Ave. from Montain St. to the city limits.

Dan Oakovitch awarded cont .at $9,800 to const. sewer system in Palm Terrace and Claremont Dr.

H. R. Erdman, 1700 S 3rd, Alhambra awarded cont. at $4158.57 to imp. Alpine St. from Los Robles to Euclid Avenue.

EL CENTRO, Cal.—L. A. Paving Co., 2900 Santa Fe Ave., Los Angeles, awarded cont. by city trustees at $182,867.57 for paving various streets. The price on 5-in. paving was 23c sq. ft. The work includes 156,000 sq. ft. asph. paving (4-in. base, 2-in. surface); 391,000 sq. ft. asph. conc. paving (3½-in. base, 1½-in. surface); 20,000 ft. cem. curb; 1300 ft c. i. water mains; 500 water service lines; 2 catch basins; 4 soil pipe culverts; 8 street lighting standards. This work is to be done under two separate proceedings. Other bids were: Geo. H. Oswald, $188,099.82; J. A. Costello, Jr., $195,146.76; Griffith Co., $200,318.41; Geo. Daley, $229,419.45.

PETALUMA, Sonoma Co., Cal.—City Eng. preparing spec. for 6-in. vit. sewer in Walnut St., bet. Oak and Kent Sts.

FORT MASON, Cal.—The following bids were received on Nov. 16th by the Contracting Quartermaster for grading at Crissy Field:

Bids were taken for three areas—A, B and C.

Farrar & Carlin (A) $3030; (B) $2465; (C) $6955.

W. H. Hauser (A, B & C), $9500.

Jas. Currie (A) $3974; (B) $4947; (C) $747 Total, $9668.

Owen McHugh (A) $4395; (B) $4000; (C) $——.

P. Montague (A) $5000; (B) $2500; (C) $4095. Total, $7995.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

A Street Has a Hard Job Now

Carrying the light, horse-drawn traffic of a few years ago was one thing. Carrying the swiftly moving automobiles and pounding motor trucks of today is quite another.

How much of the trouble with street pavement in your town comes from not recognizing the difference?

Just as faster and heavier railway trains compelled heavy, modern rails and roadbed, so the heavy pounding traffic of today calls for rigid Concrete streets.

Experience shows that Concrete pavement can be built to withstand any kind of traffic, indefinitely, practically without repairs.

Easy riding, skid-proof, hole-proof, permanent—that is Concrete.

Our Booklet R-4 tells other interesting things about Concrete Streets. Write for your copy.

PORTLAND CEMENT ASSOCIATION
785 Market Street
SAN FRANCISCO

A National Organization to Improve and Extend the Uses of Concrete

Offices in 27 Other Cities

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4160	Marrow	Elliot	1500
4161	Musto	Meyer	15000
4162	Barclay	Ladouceur	3000
4163	Fisher	Owner	4000
4164	Delucchi	Saari	4500
4165	McLean	Fink	1900
4166	Fisher	Owner	4000
4167	Stang	Bernhardt	5000
4168	Lerda	Kason	5000
4169	Walk-Over	Fink	1600
4170	Fisher	Owner	4000
4171	Moller	Moller	3000
4173	Nelson	Owneh	20000
4174	Jordon	Wood	6000
4175	Nilson	Owner	5000
4176	Janssen	Owner	11700
4177	Meyer	Owner	8000
4178	Preovolos	Owner	25000
4179	Johnson	Perelra	6330
4180	Brunzell	Pereira	7240
4181	Ryan	Lindeman	5900
4182	Mission Svgs	Scott	4125
4183	Moise	Salomon	2185
4184	Nelson	Thayer	29850
4185	Roman	Owner	60000
4186	Morrow	Elliot	1500
4187	Bunker	Peterson	1000
4188	Remensperger	Meyer	8000
4189	Meyer	Meyer	12000
4190	Doraskko	Balliet	1800
4191	Taylor	Little	11000
4192	Breitman	Goldstein	5000
4193	Nolan	Owner	4000
4194	Harrison	Owner	17500
4195	Dondero	Meinberger	4000
4196	Butcher	Owner	1000
4197	Gawthorne	Owner	6000
4198	Jones	Klan	19000
4199	Foster	Warden	9800
4200	Goefert	Muller	1300
4201	Perkins	Petersen	2952
4202	Perkins	Ward	11702
4203	Perkins	Gilley	12647
4204	Perkins	Moller	18000
4205	Perkins	Zelinsky	2945
4206	Varsi	Oyen	30346
4207	La Societe	Vogt	1595
4208	La Societe	Larsen	12900
4209	Anderson	Owner	9000
4210	Larson	Owner	6000
4211	Hansen	Owner	1000
4212	Pine	Grahn	1000
4213	Bullwinkle	Adler	13250
4214	Lo Presti	King	24535
4215	Frustick	Owner	8000
4216	Johnson	Owner	10000
4217	Phillips	Coast	3500
4218	Lind	Owner	2800
4219	Tate	Erickson	3900
4220	Baumsteiger	Owner	2000
4221	Glad Tidings	Owner	60000
4222	Clancy	Owner	100000
4223	Allec	Buschke	45000
4224	Kirby	Owner	9000
4225	Kiernan	Kiernan	10000
4226	Costa	Cuneo	5000
4227	Nelson	Owner	12000
4228	Same	Same	3000
4229	Same	Same	10000
4230	Urban	Leonard	24000
4231	Bekeart	Casty	15000
4232	De Martini	Owner	13000
4233	Nelson	Owner	4000
4234	Sorbj	Owner	6000
4235	Whidden	Coleman	4500
4236	Born	Owner	12000
4237	Arnott	Arnott	8000
4238	Same	Same	24000
4239	Little	Little	9000
4240	Wilker	Meyer	5000
4241	Molonair	Anderson	2500
4242	Hueter	Boxton	12000
4243	Same	Same	7000
4244	Binnie	Sartorio	550
4245	Delucchi	Saari	4500
4246	The Heights	Western	2622
4247	Lurie	Martinelli	8000
4248	Preston	Larsen	3500
4249	Eickhorst	Rednall	1400
4250	Schnier	Owner	4000
4251	Pratt	Owner	3000
4252	Holden	Terry	11000
4253	Allen	Owner	10000
4254	Swift	Gibson	8000
4255	Vidovich	Tomnitz	1450
4256	Allen	Owner	15000
4257	Provident	Dinwiddie	27500
4258	Newsom	Carlson	8000
4259	De Benedetti	Fracchia	10000
4260	Mangels	Mangels	7000
4261	Chambers	Owner	1500
4262	De Pue	Ferguson	1500
4263	Bussoni	Owner	1000
4264	Whitcomb	Macdonald	1500

GARAGE

(4160) NE CLAY AND MAPLE STS. One-story frame private garage.
Owner—Dr. Howard Morrow, Premises.
Architect—J. R. Miller and T. L. Pflueger, 213 Lick Bldg., S. F.
Contractor—Elliot & Grant, 180 Jessie St., San Francisco. $1500

ADDITION

(4161) N DERBY 82-6 E Taylor. Two story and basement reinforced concrete addition for garage.
Owner—Jos. Musto Estate Co., % Architect.
Architect—Meyer & Johnson, 742 Market St., San Francisco. $15,000

DWELLING

(4162) E EDINBURGH 25 NE Italy. One-story and basement frame dwelling.
Owner—E. A. Barclay, 22 Pope St, San Francisco.
Architect—None.
Contractor—John Ladouceur, 272 Templeton St., Daly City. $3000

RESIDENCE

(4163) E GARCIA 64 S Merced. One-story and basement frame residence.
Owner—M. Fisher, 711 Mission St., San Francisco.
Architect—None. $4000

DWELLING

(4164) E GIRARD 100 N Woolsey. One story and basement frame dwlg.
Owner—E. Dulucchi, 750 Thornton Av., San Francisco.
Architect—None.
Contractor—S. Saari, 155 Brussels St., San Francisco. $4500

ALTERATIONS

(4165) NO. 60 GEARY. Install new show windows.
Owner—L. D. McLean Co., 1158 Sutter St., San Francisco.
Architect—F. Munk.
Contractor—The Fink & Schindler Co., 218 13th St., S. F. $1900

DWELLING

(4166) SE GARCIA AND MERCED. One-story and basement frame dwelling.
Owner—M. Fisher, 711 Mission St., San Francisco.
Architect—None. $4000

DWELLING

(4167) MAGELLAN AVE (Blk 2684 Lot 39, Forest Hill). One-story and basement frame dwelling.
Owner—A. G. Stang, 711 Lincoln Way San Francisco.
Architect—None.
Contractor—H. B. Bernhardt, 582 Grove St., San Francisco. $5000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

STORE
(4168) E MONTGOMERY 33-6 N Pacific. One-story and basement reinforced concrete store.
Owner—L. Lerda, 693 Mission St., Rm. 410, San Francisco.
Architect—None.
Contractor—B. Kason, 693 Mission St., San Francisco. $5000

ALTERATIONS
(4169) NO 938 MARKET. Remodel show windows.
Owner—Walk Over Shoe Store, Prem.
Architect—Wm. H. Toepke, 72 New Montgomery St., San Francisco.
Contractor—The Fink & Schindler Co., 218 13th St., San Francisco. $1600

DWELLING
(4170) S MERCED 40 E Garcia. One-story and basement frame dwelling.
Owner—M. Fisher, 711 Mission St., San Francisco.
Architect—None. $4000

DWELLING.
(4171) N McALLISTER 50 W Willard. One-story and basement frame dwelling.
Owner—Mrs. Lou Moller, 546 Waller St. San Francisco.
Architect—None.
Contractor—H. H. Moller, 546 Waller St., San Francisco. $3000

DWELLING.
(4172) E MAJESTIC 225 S Lakeview. One-story and basement frame dwelling.
Owner—M. Lundin, 123 Majestic Ave., San Francisco.
Architect—W. E. Adams, 132 Lippard St., San Francisco.
Contractor—M. Lundin, 123 Majestic Ave., San Francisco. $1500

FACTORY BLDG.
(4173) SE TENTH and Howard Sts. One-story concrete light manufacturing plant.
Owner—Jas. A. Nelson, Inc., 517 6th St., San Francisco.
Architect—Harry A. Thomsen, Jr., 618 Sharon Bldg., San Francisco. $20000

DWELLING.
(4174) E NINETEENTH AVE., 225 N Kirkham. Two-story and basement frame dwelling.
Owner—Abbie Lowell Jordan, Mill Valley, Calif.
Architect—Designer W. E. Wood, 1219 12th Ave., San Francisco.
Contractor—W. E. Wood and T. Roy Wood, 1219 12th Ave., San Francisco. $6000

DWELLING.
(4175) NE SANTA YNEZ and Delano Ave. One-story and basement frame dwelling.
Owner—Chas. H. Nilson, % architects.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco. $5000

DWELLINGS.
(4176) E SEVENTEENTH AVE., 112 134-6 and 157 N Cabrillo. Three 1-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $3900 each.

DWELLINGS.
(4177) E THIRTY-NINTH AVE., 115 145 S Geary. Two 1-story and basement frame dwellings.
Owner—Meyer Bros., 5326 Geary St., San Francisco.
Architect—None $4000 each

APARTMENTS.
(4178) N VALLEJO 80 E Octavia. Three-story and basement frame (6) apartments.
Owner—P. J. Pregovolos, 1069 Market St., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg. San Francisco. $25000

BUNGALOW
(4179) E NINETEENTH AVE. 200 S Judah. All work for 1-story frame bungalow.
Owner—James P. Johnson, Hall of Justice, S. F.
Architect—None.
Contractor — A. J. Perelra, 1215 12th Ave., San Francisco.
Filed Nov. 8, 1923. Dated Nov. 6, 1923.
Roof on ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $6330
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

BUNGALOW
(4180) W NINETEENTH AVE. 100 N Lawton. All work for 1-sto. frame bungalow except fireplace, electric fixtures, hardw. and wall paper.
Owner—John Brunzell, 2504 25th Ave., San Francisco.
Architect — John Foley, 770 5th Ave., San Francisco.
Contractor — J. A. Pereira, 1215 12th Ave., San Francisco.
Filed Nov. 8, 1923. Dated Nov. 6. 1923.
U Three equal payments as follows
Roof on
Whitecoated
Usual 35 days
TOTAL COST, $7240
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

BUNGALOW
(4181) E TWENTY-SIXTH AVE 106-11 S Balboa S 25 x E 120. All work for 1-story bungalow.
Owner—Raymond W. Ryan, 619 27th Ave. San Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.
Filed Nov. 8, 1923. Dated Oct. 3, 1923
Frame up & enclosed $1475
Roughed Plastered 1475
Completed and accepted 1475
Usual 35 days 1475
TOTAL COST, $5900
Bond, Sureties, none; Forfeit, $2; Limit, 90 days; Plans and specifications filed.

ALTERATIONS
(4182) NW SIXTEENTH & VALENcia Sts. All work for alterations to bank bldg. except heating and ventilating.
Owner—The Mission Savings Bank, premises.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Nov. 8, 1923. Dated Nov. 8, 1923.
All piping & sheet metal work completed $1546.50
Completed and accepted 1546.50
Usual 35 days 1032.00
TOTAL COST, $4125
Bond, Sureties, Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

REPAIRS
(4183) 2693 BUSH ST. Repairs to bldg damaged by fire.
Owner—L. H. Moise, 469 Market St., San Francisco.
Architect—None.
Contractor—L. Salomon, 1430 Ellis St., San Francisco.
Filed Nov. 8, 1923. Dated Oct. 5, 1923.
Payments not stated
TOTAL COST, $2185
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

APARTMENTS
(4184) NE BUCHANAN AND OAK Sts. 3-story and basement frame (12) apartments.
Owner—E. K. Nelson, 77 O'Farrell St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St. San Francisco. $29,850

CHURCH
(4185) SW COURTLAND AND ELLSworth. 2-story and basement concrete church.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Geo. E. McCrea, 369 Pine St. San Francisco. $60,000

GARAGE
(4186) NE CLAY AND MAPLE STS. 1-story frame garage.
Owner—Dr. Howard Morrow, NE Clay and Maple Sts., San Francisco.
Architect — J. R. Miller and T. L. Pflueger, 213 Lick Bldg., S. F.
Contractor—Elliot and Grant, 180 Jessie St., San Francisco. $1500

ALTERATIONS
(4187) 250 EDDY ST. Change front install counter and lay Kompolith floor (restaurant).
Owner—E. L. Bunker and C. C. Newton 250 Eddy St., San Francisco.
Architect—None.
Contractor—Malott & Peterson, 2412 Harrison St., S. F. $1000

DWELLING
(4188) SW SAN PABLO AND SANTA Monica. 2-story & basement frame dwelling.
Owner—V. Remensperger, 2nd Ave and Geary Sts., San Francisco.
Architect—H. C. Bauman & Edw. Jose 251 Kearny St., S. F.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $8000

RESIDENCE
(4189) NW SANTA PAULA AND SANta Monica. 2-story and basement frame residence.
Owner—R. E. Meyer, 5326 Geary St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $12,000

DWELLING
(4190) 3553 SACRAMENTO STREET. 1-story and basement frame dwlg.
Owner—F. A. Doroskko, 3553 Sacramento St., S. F.
Architect—A. Toluboff, 830 Monadnock Bldg., San Francisco.
Contractor—Geo. Balliet, 4184 17th St., San Francisco. $1800

FLATS
(4191) S BAY 127-1 E Gough. Two-story and basement frame (2) flats.
Owner—Dr. C. G. Taylor, % contractor.
Architect—Edward E. Young, 2002 California St., San Francisco.
Contractor—M. A. Little, 535 Geary St., San Francisco. $11000

DWELLINGS.
(4192) W EIGHTEENTH AVE., 25 50 S Noriega. Two 1-story and basement frame dwellings.
Owner — Mildred A. Breitman, 109 Montgomery St., San Francisco
Architect—Louis Goldstein, 609 8th Ave San Francisco.
Contractor—Wm. Deutscher, 885 McAllister St., San Francisco. $5000

DWELLING.
(4193) W EIGHTEENTH AVE., 95 N Irving. One-story and basement frame dwelling.
Owner—Nolan and Quigley, 1599 8th Ave., San Francisco.
Architect—None. $4000

STORE BLDG.
(4194) N FOLSOM 105 W Fourth. One-story reinforced concrete store.
Owner—M. C. Harrison, 28 Liedesdorff St., San Francisco.
Architect—Walter C. Falch, Hearst Bldg., San Francisco. $17500

DWELLING.
(4195) S GREENWICH 56 W Franklin One-story and basement frame dwelling.
Owner—John Dondero and Adeline T. Dondero, 2286 Filbert St., San Francisco.
Architect—None.
Contractor—H. S. Meinberger, 5720 California St., San Francisco. $4000

STORE FRONT.
(4196) SE MASON and O'Farrell. New store front; steel column and lintel.
Owner—T. W. Butcher, 180 Jessie St., San Francisco.
Architect—M. V. Politeo, First National Bank Bldg., San Francisco $1000

FLATS.
(4197) E SIXTH AVENUE, 200 N Cabrillo. Two-story and basement frame (2) flats.
Owner—F. A. Gawthorne, Phelan Bldg San Francisco.
Architect—None. $6000

APARTMENTS.
(4198) NE SEVENTEENTH and Irving. Two-story and basement frame (6) apartments.
Owner—Mrs. H. E. Jones, 316 Walnut St., San Francisco.

Architect—None.
Contractor—Arthur H. Klahn, 1334 21st Ave., San Francisco. $19000

FLATS.
(4199) SE THIRTIETH and Whitney Sts. Two-story and basement frame (4) flats.
Owner—Chas. Foster, Monadnock Bldg. San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Fred Warden, 1515 11th Ave., San Francisco. $9800

ALTERATIONS.
(4200) N TWENTY-THIRD 75 W Sanchez. Extend front wall of dwelling. Cement exterior front.
Owner—E. H Goepfert, 3906 23rd St., San Francisco.
Architect—Plans by owner.
Contractor—C F. Muller, 84 28th St., San Francisco. $1300

BUILDING
(4201) SE ELLIS & TAYLOR E 50 x S 72-6. Heating plant for 6-story class C building (40 apts.)
Owner—W. F. Perkins, 14 Montgomery St., San Francisco.
Architect—Edward E. Young, 2002 California, San Francisco.
Contractor—C. Petersen Co., 390 6th St. San Francisco.
Filed Nov. 8, 1923. Dated Nov. 6, 1923.
Roughing in done $1112
Completed and accepted 1112
Usual 35 days 738
TOTAL COST, $2952
Bond, Sureties, Forfeit, none; Limit, as fast as possible; Plans and specifications filed.

(4202) PLASTERING ON ABOVE.
Contractor—E. O. Ward.
Filed Nov. 9, 1923. Dated Nov. 1, 1923.
Lathing Completed $2925
Brown coated 2925
Completed and accepted 2926
Usual 35 days 2926
TOTAL COST, $11,702
Bond, Sureties, Forfeit, none; Limit, as fast as possible; Plans and specifications filed.

(4203) PLUMBING ON ABOVE
Contractor—Gilley Schmid Co., Inc., 198 Otis St., San Francisco.
Filed Nov. 9, 1923. Dated Nov. 6, 1923.
Roughing in completed.....$4742.50
Completed an daccepted..... 4742.50
Usual 35 days 3162.00
TOTAL COST, $12,647
Bond, Sureties, Forfeit, none; Limit, as fast as possible; Plans and specifications filed.

(4204) CONCRETE WK. ON ABOVE.
Contractor—F. Moller & R. De Luca, Call Bldg., San Francisco.
Filed Nov. 9, 1923. Dated Nov. 6, 1923.
2nd story joists on $3375
4th story joists on 3375
Ceiling joists & rafters on.... 3375
Completed and accepted 3375
Usual 35 days 4500
TOTAL COST, $18,000
Bond, Sureties, Forfeit, none; Limit, as fast as possible; Plans and specifications filed.

(4205) PAINTING ON ABOVE.
Filed Nov. 9, 1923. Dated Nov. 7, 1923.
Two coats finish on.....$1104
Completed and accepted..... 1104
Usual 35 days 737
TOTAL COST, $2945
Bond, Sureties, Forfeit, None. Limit, as fast as possible. Plans and Specifications filed.

APARTMENTS
(4206) SW TWENTY-THIRD AVE & Clement S 100xW 32-6. All work for three-story 8 apartment frame building and two-story building.
Owner—J. Varsi, 234 10th Ave., San Francisco.
Architect—Milton W. Morrison, 716 41st Ave., San Francisco.
Contractor—O. M. Oyen, 67 Carmel St., San Francisco.
Filed Nov. 9, '23. Dated Oct. 20, '23.
Rough frame up and roof done.$7586
Rough plastered 7586
Completed and accepted..... 7586
Usual 35 days..... 7586
TOTAL COST, $30,346
Bond, $15,173. Surety, The Aetna Casualty & Surety Co. Limit, 100 days after Oct. 24. Forfeit, none. Plians and specifications filed.

ALTERATIONS
(4207) E SIXTH AVE 200 S Geary E 70xS 80. Carpenter, glass, plumbing, painting for alterations to 2nd story Solarium of West Pavilion of French Hospital.
Owner—La Societe Francaise de Bienfaisance Mutuelle.
Architect—Alfred J Fabre and E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.
Filed Nov. 9, '23. Dated Nov. 1, '23.
Completed and accepted.....$1195
Usual 35 days..... 400
TOTAL COST, $1595
Bond, $800. Sureties, H. W. Gaetjen and Jno. Dividson. Limit, 40 days. Forfeit, $10. Plans and specifications filed.

(4208) CARPENTER AND MILL work, lathing, plastering, hardware, tiling, plumbing, electric work and painting on 4th floor on above.
Contractor—H. H Larsen Co., Monadnock Bldg., San Francisco.
Filed Nov. 9, '23. Dated Oct. 6, '23.
Rough coat plaster on.....$4835
Completed and accepted..... 4840
Usual 35 days..... 3225
TOTAL COST, $12,900
Bond, $6450. Surety, L. B. Sibley and Jas. S. Sampson. Limit, forfeit, plans and specifications, none.

DWELLINGS
(4209) S ANZA 115, 140 and 165 E 40th Ave. Three one-story and basement frame dwellings.
Owner—Anderson & Rowe, 3723 Market St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $3000 each

DWELLINGS
(4210) NW CHENERY 163 and 188 SE Roanoke. Two one-story and basement frame dwellings
Owner—Axel R. Larson, 246 Delano Ave., San Francisco.
Architect—None. $3000 each

ALTERATIONS
(4211) NO. 146 SIXTEENTH AVE. Remodel front of flats; new steps, etc.
Owner—Hansen & Swanson, 645 Shotwell St., San Francisco.
Architect—None $1000

ALTERATIONS
(4212) NO. 2521 TWENTY-FOURTH. Alter front of dwelling.
Owner—Mrs. A. Rene, Premises.
Architect—None.
Contractor—Wm. H. Grahn, 2840 Bryant St, San Francisco $1000

APARTMENTS
(4213) W TWENTY-FIRST AVE 10 N Balboa N 25xW 120. All work for two-story and basement frame apartment building.
Owner—John D. Bullwinkel, 714 22nd Ave., San Francisco.
Architect—None.
Contractor—Klaus Adler, 493 22nd Ave. San Francisco.
Filed Nov. 10, '23. Dated Nov. 5, '23.
NOTE—Permit reported Nov. 2, 1923. No 4078.
Roof on $3312.50
Brown coated 3312.50
Completed 3312.50
Usual 35 days..... 3312.50
TOTAL COST, $13,250.00
Bond, limit, forfeit, plans and specifications, none.

APARTMENTS
(4214) N PAGE 65 E Buchanan 45x120. All work except finish hardware and electric light fixtures gor two-story frame apartment building.
Owner—Louis Lo Presti, 825 Monadnock Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—W. S. King, Hearst Bldg., San Francisco.
Filed Nov. 10, '23. Dated Nov. 7, 1923
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $24,535
Bond, $12,267.50. Sureties, Jim Pironi. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

APARTMENTS
(4215) N ANZA 107-6 W Nineteenth Ave. Two-story and basement frame (4) apartments.
Owner—John Frustick, 905 Irving St., San Francisco.
Plans by Owner. $8000

APARTMENTS
(4216) SE BOSWORTH AND MILTON Two-story and basement frame (4) apartments.
Owner—Thos. Johnson, 561 Clipper St., San Francisco.
Architect—None. $10,000

ALTERATIONS
(4217) NO. 775 BRANNAN. Carry walls up one story; cover entire building with frame roof and cover with tar and gravel; erect fire escape for warehouse.
Owner—Chas E. Phillips Co., 907 Bryant St., San Francisco.
Architect — Coast Constr. Co., 918 Crocker Bldg., San Francisco.
Contractor — Coast Constr. Co., 918 Crocker Bldg., S. F. $3500

DWELLING
(4218) NW CAPITOL & HOLLOWAY. One-story and basement frame dwelling.
Owner—Oscar Lind, 1162 Capitol Ave., San Francisco.
Architect—None. $2800

DWELLING
(4219) SW CHENERY 64 S Migull. One-story and basement frame dwelling.
Owner—Frank Tate, 306 Chenery St, San Francisco.
Plans by Owner.
Contractor — Henry Erickson, 1825 Church St., S. F. $3900

ALTERATIONS
(4220) SE CASTRO AND TWENTIETH Move one and one-half-story dwlg. make minor additions and repairs.
Owner—S. V. Baumsteiger, 709 Castro St., San Francisco.
Architect—None. $2000

BUILDING.
(4221) S ELLIS 256-3 E Webster. Six-story and basement reinforced concrete dormitory building (this is first unit of structure).
Owner—Glad Tidings Tabernacle, Inc., and Bible Training School, % Architect.
Architect—Wm. F. Gunnison and H. P. Merritt, Associate, 57 Post St, S. F.
Contractor—Not yet Determined $60,000

HOTEL
(4222) SW ELLIS AND COHEN PL. Six-story and basement concrete hotel.
Owner—D. J. Clancy, 2884 Folsom St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $100,000

ADDITION
(4223) W FOLSOM 140 N 18th. Two-story concrete addition to dyeing and cleaning works.
Owner—J. Allec, Folsom and 17th Sts., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Buschke & Brown, 185 Stevenson St., S. F. $45,000

APARTMENTS
(4224) W FIFTH AVE 125 N Fulton. Two-story and basement frame (4) apartments.
Owner—J. C. Kirby, 430 20th Ave., S. F.
Architect—None. $9000

FACTORY
(4225) E FOURTH 24 N Clara. One-story reinforced concrete Class C factory.
Owner—O'Brien Kiernan Invst. Co., 608 Alexander Bldg., San Francisco.
Architect—None.
Contractor—Kiernan & O'Brien, 608 Alexander Bldg., S. F. $10,000

DWELLING
(4226) E FLORIDA 100 S 20th. One-story and basement frame dwlg.
Owner — Joseph Costa, 2935 20th St., San Francisco.
Architect—None.
Contractor—A. Cuneo, 2931 20th St., San Francisco. $5000

DWELLINGS
(4227) W FAXON AVE 35, 64 and 93 S Wildwood Way. Three one-story and basement frame dwellings.

Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

DWELLING
(4228) E HAZELWOOD 68 S Monterey Blvd. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

RESIDENCES
(4229) SW HAZELWOOD AND MONTEREY Blvd.
SE HAZELWOOD & MONTEREY Blvd. Two one-story and basement frame residences.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $5000 each

DWELLINGS
(4230) SW HOLLOWAY AND ARCH Aves.
SE HOLLOWAY AND VERNON Aves.
S HOLLOWAY 50 and 100 E Vernon Ave. Four one-story and basement frame dwellings.
Owner—Urban Realty Imp. Co., 39 Montgomery St., San Francisco.
Architect—Archie T. Newsom, 39 Montgomery St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., S. F. $6000 each

DWELLING.
(4231) N JACKSON 70 E Arguello Blvd. Two-story and basement frame residence.
Owner—Phil K. Bekeart and Grace P. Bekeart, 2005 Sacramento St., San Francisco.
Architect—Ward and Blohme, 454 California St., San Francisco.
Contractor—John Casty & Son, 180 Jessie St., San Francisco. $15,000

FLATS.
(4232) W MASON 34 N Green. Three-story and basement frame (3) flats.
Owner—Joseph DeMartini, 1836 Mason St., San Francisco.
Architect — Paul F. DeMartini, 946 Broadway, San Francisco. $13000

DWELLING.
(4233) W PLYMOUTH AVE., 117 N Montecito. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothhoff, 2274 15th St., San Francisco. $4000

DWELLINGS.
(4234) SW RUSSIA 75 & 99-6 NW Lisbon. Two two-story and basement frame dwellings.
Owner—A. Sorbi, 534 Edinburgh St., San Francisco.
Architect—None $3000 each

DWELLING.
(4235) N RIVERA 75 E Eighteenth Ave. One-story and basement frame dwelling.
Owner—Catherine Whidden, 82 Chenery St., San Francisco.
Architect—Richard Irving, Call Bldg., San Francisco.
Contractor—R. D. Coleman, 309 Sargent St., San Francisco. $4500

DWELLING.
(4236) W SANTA CLARA 320 N San Anselmo, (Lot 8, Block 12, St Francis Wood). Two-story and basement frame residence.
Owner—S. A. Horn Building Co., Monadnock Bldg., San Francisco.
Architect—None. $12000

DWELLINGS.
(4237) S SUNNYSIDE 125 150 W Congo. Two 2-story and basement frame dwellings.
Owner—James Arnott, 325 Granville Way, San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 325 Granville Way, San Francisco. $4000 each.

DWELLINGS
(4238) W THIRTIETH AVE., 30 60 90 120 150 180 S Lincoln Way. Six 1-story and basement frame dwellings.
Owner—Jas. Arnott, 325 Granville Way San Francisco.
Architect—None.
Contractor—Arnott & Son, 325 Granville Way, San Francisco. $4000 each

FLATS.
(4239) W TWENTY-FIRST AVE. 260 N Fulton. Two-story and basement frame (2) flats.
Owner—John Little, 1035 Lincoln Way, San Francisco.
Architect—None.
Contractor—John Little & Son, 1035 Lincoln Way, San Francisco. $9000

DWELLING.
(4240) W WAWONA 87 S Ulloa. One-story and basement frame dwelling
Owner—Wm. G. Wilker, 408 16th Ave., San Francisco.
Architect—John H Powers & John H. Ahnden, 160 Montgomery St., San Francisco.
Contractor—Meyer Bros., 5326 Geary St., San Francisco. $5000

GARAGE
(4241) N MONTEREY BLVD. 25 E Foerster. 1-story reinforced concrete public garage.
Owner—Tony Molonair & Gus Donnati, Monterey and Foerster Sts., S. F.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—J. K. Anderson, 145 Majestic St., S. F. $2500

RESIDENCES
(4242) S SAN MARCO 67 and 125 W Castenada Ave. 2 2-story and basement frame residences.
Owner — O. M. Hueter, 805 Flatiron Bldg., San Francisco.
Architect—Harold G. Stoner, 1st Natl. Bank Bldg., San Francisco.
Contractor — Boxton and Zwieg, 809 Flatiron Bldg., S. F. $6000 each

RESIDENCE
(4243) E SAN RAFAEL 90 S Monterey Blvd. 2-story and basement frame residence.
Owner — O. M. Hueter, 805 Flatiron Bldg., San Francisco.
Architect—Harold G. Stoner, First Natl Bank Bldg., San Francisco.
Contractor — Boxton and Zwieg, 809 Flatiron Bldg., S. F. $7000

CARPENTER ETC.
(4244) NW TWENTY-SECOND AVE. and California 30x60. Carpenter, plastering, glazing and hardware to divide store.
Owner—Mrs. John F. Binnie, 2919 Pacific Ave., S. F.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor — Peter Saratorio, 1849 Chestnut, San Francisco.
Filed Nov. 13, 1923. Dated Nov. 13, 1923.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $550
Bond, Sureties, Forfeit; Limit, Plans and specifications, none.

DWELLING
(4245) NE GIRARD 100 NW Woolsey NW 75 x NE 120 Ptn Blk 6 University Mound. 1-story frame dwlg
Owner — Emil Delucchi, 750 Thornton Ave., San Francisco.
Architect—None.
Contractor—S. Saari, 155 Brussels St., San Francisco.
Filed Nov. 13, 1923. Dated Nov. 8, 1923.
Roof on $1125
Brown coated 1125
Completed and accepted 1125
Usual 35 days 1135
TOTAL COST, $4500
Bond, Sureties, Forfeit, none; Limit, 90 days after Nov. 15, 1923; Plans and specifications, none.

FLUES
(4246) N BROADWAY BET. OCTAVIA and Laguna. Patent flues for bldg.
Owner—The Heights.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., S. F.
Contractor—Western Furnace & Cornice Co.
Filed Nov. 13, 1923. Dated Nov. 5, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $2622
Bond, $1311; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, without delay; Plans and specifications, none.

SHOP
(4247) S ARMY 100 E Hampshire. One-story concrete repair shop.
Owner—The Lurie Co., 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor — J. Martinelli, 180 Jessie St., San Francisco. $8000

DWELLING
(4248) E ASHTON AVE 225 N Holloway. One-story and basement frame dwelling.
Owner—John B. Preston, 301 Holloway Ave., San Francisco.
Architect—None.
Contractor—S. Larsen, 146-A Highland Ave., San Francisco. $3500

ALTERATIONS
(4249) NW BAKER & GREENWICH. Remodel for stores; place composition floor; interior work, etc.
Owner—F. G. Eickhorst, 3107 Pierce St., San Francisco.
Architect—None.
Contractor—W. W. Rednall, 2500 Filbert St., San Francisco. $1400

STORE, ETC.
(4250) S CABRILLO bet. 46th and 47th Aves. One-story and basement frame store and living rooms.
Owner—B. Schnier, 840 44th Ave., S. F.
Architect—None. $4000

DWELLING
(4251) E THIRTY-SEVENTH AVE 75 N Cabrillo. Two-story and basement frame dwelling
Owner—Roy A. Pratt, 7140 Geary St., San Francisco.
Architect—None. $3000

DWELLINGS.
(4252) N GRANVILLE WAY 430 455 E Claremont. Two 1-story and asement frame dwellings.
Owner—St. George Holden, 308 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wm. S. Terry, 80 Allston Way, San Francisco. $5500 each

DWELLING.
(4253) SE LAKE and Twentieth Ave. Two-story and basement frame residence.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. $10000

DWELLINGS.
(4254) E NINTEENTH AVE., 30 & 60 S Lawton. Two 1-story and basement frame dwellings.
Owner—Edward D. Swift, 1372 Mission St., San Francisco.
Architect — Willis Lowe, Monadnock Bldg., San Francisco.
Contractor—R. N. Gibson, 55 5th St., San Francisco. $4000 each

ALTERATIONS.
(4255) 893 MISSION STREET. Interior fixtures for restaurant, painting, install patent flue, etc.
Owner—P. Vidovich, 893 Mission St., San Francisco.
Architect—None.
Contractor — Tomitz & Kusich, 3321 22nd St., San Francisco. $1450

DWELLING.
(4256) SE McLAREN and Twenty-ninth Avenues. Three-story and basement frame residence.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. $15000

ADDITION& ALTERATIONS
(4257) N POST 150 W Montgomery (79). Two-story addition, minor alterations for offices; steel frame; fireproofed; terra cotta facade and concrete walls.
Owner — Provident Securities Co., Crocker Bldg., San Francisco.
Architect—L. P. Hobart, Crocker Bldg., San Francisco.
Contractor — Dinwiddie Construction Co., 1101 Crocker Bldg., San Francisco. $27500

APARTMENTS.
(4258) W POTRERO AVE., 250 S 22nd. Two-story and basement frame (4) apartments.
Owner—Carlson & Newson, 180 Jessie St., San Francisco.
Architect—None.
Contractor—O. E. Carlson, 180 Jessie St., San Francisco. $8000

FLATS.
(4259) S UNION 137-6 W Powell. Two-story and basement frame (2) flats.
Owner—Charles DeBenedetti, 472 Columbus Ave., San Francisco.
Architect—L. Mastropasqua, 580 Washington St., San Francisco.
Contractor—G. Fracchia & C. Rosina, 36 Cunningham Place, San Francisco. $10000

DWELLING.
(4260) W SAN LEANDRO 226 S Portola Drive. Two-story and basement frame dwelling.
Owner—H C. & W. J. Mangels, 4792 Mision St., San Francisco.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $7000

DWELLING.
(4261) S TARAVAL 57-6 E Twenty-eighth Ave. One-story and basement frame dwelling.
Owner — Robert H. Chambers, 617 Tompkins St., San Francisco.
Architect—None. $4500

ALTERATION.
(4262) 2891 VALLEJO STREET. Extend bedroom and add bath to residence.
Owner—Mrs. Rowena H. De Pue, 2891 Vallejo St, San Francisco.
Architect—None.
Contractor — Ferguson & Son, 1739 Union St., San Francisco. $1500

ALTERATION.
(4263) 1474-78 WASHINGTON ST. Remodel for garage quarters.
Owner — Mrs. Marie Bussoni, 1478 Washington St., San Francisco.
Architect—None. $1000

MARQUISE.
(4264) 1231 MARKET STREET. Erect Marquise for hotel.
Owner — Hotel Whitcomb, Jas. Otis, trustee, premises.
Architect—George Rushforth, 354 Pine St., City.
Contractor—Macdonald and Kahn, 130 Montgomery St., San Francisco. $1500

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Nov. 8, 1923—W JONES 55 N Vallejo. Frank Imbert to Ed Zinkand & Son .....Nov. 8, 1923
Nov. 8, 1923—E FIFTENTH AVE 25 S Cabrillo. S R Anderson to whom it may concern.....Nov. 7, 1923
Nov. 8, 1923—N 8-4 LOT 25 and S 24-8 Lot 26 Blk 2929, West Portal Park. Walter Knickerbocker to whom it may concern.....Oct. 26, 1923
Nov. 8, 1923—E JULES AVE 175 N Holloway Ave N 25xE 112-6 Lot 13 Blk 23, Lakeview. Jas A Arnott to Jas Arnott & Son....Nov. 1, 1923
Nov. 8, 1923—W JULES AVE 200 N Holloway Ave N 25xW 112-6 Lot 46 Blk 26, Lakeview. Jas. A Arnott to Jas Arnott & Son.....Nov. 1, 1923
Nov. 8, 1923—W JULES AVE 250 S De Montford Ave S 25xW 112-6 Lot 41 Blk 26, Lakeview. Jas A Arnott to Jas Arnott & Son....Nov. 5, 1923
Nov. 8, 1923—E TWENTY-SEVENTH Ave 150 N Geary N 25 E 130-2½ m or 1 SE 25 m or 1 W 132-9¼. E A Zeisler to H O Lindeman.Nov. 8, 1923
Nov. 8, 1923—E FORTY-SECOND Ave 175 S Geary. Morris and Christine Girard to Theodore Christensen.....Nov. 8, 1923
Nov. 8, 1923—S EDDY 87-6 W Leavenworth. Louis Johnson to whom it may concern....Nov. 7, 1923
Nov. 8, 1923—SW TWENTY-SIXTH and Florida. Isidore Landes to Louis Johnson.....Nov. 5, 1923
Nov. 8, 1923—S BDY LINE MIRANDA Grant with W Lyon W 92.07 N 277.87 E 57-9 S 279.84. Carlo Matraia to United Materials Co. Nov. 6, 1923; Mallott & Peterson.....Nov. 7, 1923
Nov. 11, 1923—E THIRTY-FOURTH Ave 250 N Balboa N 25xE 120. Rudolph J Raetz to Meyer Bros....Nov. 1, 1923
Nov. 9, 1923—W VAN NESS AVE 60-4 S Sacramento S 42-4⅛xW 100. The Florined Co to Barrett & Hilp.....Nov. 1, 1923
Nov. 9, 1923—NO. 7 BUENA VISTA Terrace 26-3¾ from Duboce Ave Ptn Lots 1, 2, 3 and 4 Blk A Map Spreckels Sub Blks A, B and D Park Hill Assn. Lillian M Mackae to G Petterson.....Nov. 5, 1923
Nov. 9, 1923—N MISSION 140 W 9th 30x125. Ray Allen to whom it may concern.....Nov. 1, 1923
Nov. 9, 1923—E CASTRO 55 N 20th. Alice I and J J Sweeney to Olson & Persson.....Nov. 9, 1923
Nov. 9, 1923—W BRODERICK 50 S Ellis S 25xW 100. Grace F and Wm F Gunnison to whom it may concern.....Nov. 9, 1923
Nov. 9, 1923—N PACIFIC AVE 137-6 E Broderick E 63-9xN 147-7¼. Geo L Payne to Gurnette & Chandler.....Nov. 7, 1923
Nov. 9, 1923—NW POLK & CHESTnut W 85xN 33-6. Andrea Marenzi to V Meaffei.....Nov. 7, 1923
Nov. 9, 1923—PTN LOTS 11 AND 12 Blk 3135, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Nov. 9, 1923
Nov. 10, 1923—LOT 25 BLK 8, Crocker Amazon Tract. Frank C Grisez to whom it may concern.Nov. 10, '23
Nov. 10, 1923—W SIXTH AVE 150 & 125 S Cabrillo S 25xW 120. Cornelia Morse to H O Lindeman.....Nov. 3, 1923
Nov. 10, 1923—S BAY 206-3 W Franklin S 137-6xW 25. Charles A and Rose Danza to John Harder.....Nov. 2, 1923
Nov. 10, 1923—W TWENTY-SIXTH Ave 250 N Taraval 30x100. R Monson to whom it may concern.....Nov. 10, 1923
Nov. 10, 1923—S MARKET 140-4 E Brady E 67xS 180. San Francisco Lodge No. 26, Loyal Order of Moose to F L Hansen.....Nov. 9, 1923
Nov. 10, 1923—NE COLUMBIA AVE 33-7¼ NW Vallejo NW 60-5⅝ N 65-1¾ W 16-3 W to pt to S Green S 65-1 m or 1 S to beg. Attilio, Matilda and Jos Capurro to J Farnocchia & Co.....Nov. 3, 1923
Nov. 13, 1923 — LOT 15 BLK 3107 Westwood Park. Elizabeth Rissman to B L Ryder and H B Bernhardt.....Nov. 13, 1923
Nov. 13, 1923—W DIVISADERO 107-6 S Greenwich S 29-9xW 110. Jno D and Lissa Millikin to A D Disston.....Nov. 1, 1923
Nov. 13, 1923—SW SEVENTH 55 NW Harrison NW 25xSW 85. Edward and Henrietta Lewis to Charles Schwarz.....Nov. 13, 1923
Nov. 13, 1923—W MISSION 25 N College Ave 25x130. Louis Cantoni to A Debendette & Sons...Nov. 10, 1923
Nov. 13, 1923—W LISBON 100 N Geneva Ave. Timothy D Sullivan to whom it may concern.Nov. 13, 1923
Nov. 13, 1923—W HANOVER 78 NE Lowell NE 25xNW 106-6 Ptn Lot 86 West End Hd. Maybell Pinkerton to whom it may concern.Nov. 10, '23
Nov. 13, 1923—LOT 4 BLK "H" Mission Terrace. Walter E Hansen to whom it may concern....Nov. 9, 1923
Nov 13, 1923—E SHRADER 63 N Grove 27x101-3. P H Frink and C Swanson to whom it may concern.....Nov. 13, 1923
Nov. 13, 1923—LOT 42 BLK 25, Lakeview. Sigurd Larsen to whom it may concern.....Nov. 12, 1923
Nov. 13, 1923—..NO. 546 CASTRO. P Solomon and Wallace J Smale to whom it may concern...Nov. 12, 1923
Nov. 13, 1923—LOT 15 AND N ½ Lot 16 Blk 4, Crocker Amazon Tract. A Orlandi to H E Hansen..Nov. 8, 1923
Nov. 13, 1923—NE JACKSON AND Lyon. Andrew P Girard to Thos Jones.....Nov. 6, 1923
Nov. 13, 1923—W TWENTY-FOURTH Ave 50 S Cabrillo S 25xW 95. Patrick J Feerick to whom it may concern.....Nov. 13, 1923
Nov 13, 1923—LOT 1 BLK 30 Lot 12 Blk 21 Lot 13 Blk 21, Amended Map Ingleside Terrace. Gordon W and Linnie Morris to whom it may concern.....Nov. 13, 1923
Nov 13, 1923—E PARKER AVE 100 N Geary N 25xE 129-7¾. Joseph M Sala to Thomas F Mitchell.....Nov. 10, 1923
Nov. 13, 1923—W TWENTIETH AVE 2800 S Balboa S 37-7xW 120. B S Berry to whom it may concern.....Oct. 1, 1923
Nov. 14, 1923—N TENTH AND BRYant NE 30xNW 85. C Jorgensen to whom it may concern.Nov. 13, 1923
Nov. 14, 1923—E FOERSTER 50 N Staples Ave N 25xE 100 Lot 7 Blk 18, Sunnyside. Johan W and Ernest E Backman to whom it may concern.....Nov. 9, 1923
Nov. 14, 1923—BLK 68, Stanford Heights bded by 29th, Stanford Heights Ave, Day and Fowler Ave, Spring Valley Water Co to H C Vensano .....Nov. 13, 1923
Nov. 14, 1923—S SUTTER — 217-6 & alg sd Sutter 57-6 S 119-4½ m or 1 SW 71-10½ N 159-9⅞ m or 1 to beg. Provident Securities Co to P Grassi & Co.....Sept. 14, 1923
Nov. 14, 1923—S ROLPH 271-6 E Newton. E J Hargrave to whom it may concern.....Nov. 10, 1923
Nov. 14, 1923—SE LONDON 75 NE France Ave NE 25xSE 100 Ptn Lot 4 Blk 10, Excl Hd Assn. Patrick Horgan to whom it may concern.....Nov. 13, 1923
Nov. 14, 1923—SE LONDON 100 NE France Ave NE 25xSE 100 Ptn Lot 4 Blk 10, Excl Hd Assn. Patrick Horgan to whom it may concern.....Nov. 13, 1923
Nov. 14. 1923—TRACT OF LAND, the S line being bounded by Ocean Ave, E by Extn of Faxon Ave, W by extn Ashton Ave having average depth from Ocean Ave 110 to an irregular N bdy. Pacific Hebrew Orphan Asylum and Home Society to A C Wocker.....Nov. 8, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Nov. 8, 1923—W WOOD 296-8 N Geary N 25-3xW 120. Reinhart Lumber & Planing Mill Co vs A G Bennett $820.84
Nov. 10, 1923—W WOOD 296-8 N Geary N 25-3xW 120. Wm Wade & Wm Miller vs Natale Carrara and A C Bernett.....$445
Nov. 14, 1923—SE GEARY AND 24th Ave 32-6x100. American Trading Co of the Pacific Coast vs Costello and Angelina Pastore.....$410

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Nov. 10, 1923—S BUSH 185 W Steiner W 36-6xS 137-6. John Jensen to Gus Berndt and Geo A Williams..$90
Nov. 10, 1923—SW BROADWAY AND Franklin S 35-3xW 120. John Diestel to Hattie Peiser.....
Nov. 10, 1923—W FORTY-FIFTH Ave 175 S Lincoln Way 25x120. The Greater City Lumber Co to Annie and G G Lawton.....

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

Nov. 13, 1923—W CURTIS 50 N Rolph 37-6x137 No. 36 Curtis. Ginsberg Tile Co to H E Hansen and A Orlandi... .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Nov. 9, 1923—S SUNNYDALE AVE 105-8 W fm W line Sunnydale Ave 416 to center line Cora S 397-3 E 416 N 379-3 Burnett Bldg & Loan Ass'n as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
5253	Stafford	Covey	6300
5254	Mienicke	Vollmar	4000
5255	Petersen	Roth	4550
5256	Littlepage	Owner	3000
5257	Marquis	Owner	6000
5258	Sanborn	Wolfenden	16000
5259	Morgan	Wilson	1500
5260	Bryan	Allen	1500
5261	Wilson	Owner	6000
5262	Lindale	Lindale	11200
5263	Porter	Henderson	4250
5264	Johnson	Owner	6000
5265	Cormack	Owner	4000
5266	Snyder	Owner	2000
5267	Montgomery	Federal	3000
5268	Legris	Owner	4000
5269	Angello	Owner	4500
5270	Watkins	Owner	3000
5271	Hall	Winther	3000
5272	Vaughan	Bullock	2500
5273	MacGregor	Owner	4300
5274	MacGregor	Owner	4300
5275	Haure	Owner	7000
5276	Craighend	Rice	5500
5277	Admiral	Owner	3000
5278	Lucchesi	Walsh	3520
5279	Herriman	Long	6000
5280	Herriman	Long	12000
5281	Anderson	Owner	3000
5282	Barnes	Owner	5000
5283	McArthur	McArthur	5600
5284	Gerdes	Owner	4000
5285	Cardwell	Wolbodl	12000
5286	Vaughan	Owner	2000
5287	Damonte	Garells	4500
5288	Pinden	Jackson	2800
5289	Carman	Owner	3000
5290	Burks	Owner	4000
5291	Meyers	Owner	4000
5292	Olaine	Owner	3000
5293	Wiren	Owner	5000
5294	Davis	Owner	1000
5295	Blessingame	Owner	3000
5296	Pearce	Owner	3000
5297	Clausen	Owner	3600
5298	Scow	Owner	2000
5299	Rogers	Orton	5100
5300	Ingbrightsen	Owner	1500
5301	Pearce	Owner	1500
5302	Civic & Imp	Owner	1000
5303	Oliver	Haskell	18326
5304	Alpha	Leiter	24687
5305	Same	Roberts	489
5306	Same	Nottingham	2305
5307	Same	Ingebrightsen	1730
5308	Same	Sturn	2794
5309	Brusttar	Stanley	2500
5310	Evans	Owner	2000
5311	Abel	Owner	2000
5312	Cotton	Clayton	7000
5314	Ginochfo	Owner	4500
5315	Nadran	Hagland	2200
5316	Converse	Owner	4500
5317	Sedgwick	Owner	1800
5318	Rapp	Owner	2500
5319	Pay	Anderson	30000
5320	Okd. Bank	Turgeon	4445
5321	Sanders	Jordan	6000
5322	Nichols	Pearson	5000
5323	Vest	Owner	1000
5324	Thompson	Owner	1500
5325	McBride	Knowlton	2800
5326	Meybem	Gappleton	3000
5327	Brown	Stolte	7500
5328	Gallaher	Ziele	5000
5329	Jacheson	Brennan	17000
5030	Whalen	Owner	5000
5331	Whalen	Owner	4500
5332	Taylor	Carson	4500
5333	Hughes	Pedgrift	1000
5334	Giovanetti	Prunetti	2000
5335	Levy	Gordon	2500
5336	St. Mary	O wner	14000
5337	Capra	Valente	3000
5338	Snell	Albertson	2500
5339	Malom	Syder	2700
5340	Fisher	Owner	10000
5341	Heafey	Owner	1600
5342	Neary	Peters	3000
5343	Morley	Dickie	4000
5344	Reeves	Owner	2000
5345	Slack	Owner	3300
5346	Harvey	Owner	4500
5347	Pilgrim Advent	Stolte	11800
5348	McLean	Easterly	11000
5349	Pratt	Owner	25000
5350	Beatly	Owner	3000
5351	Hewes	Butzke	1000
5352	Erickson	Owner	3000
5353	Hirsch	Brown	7440
5354	Lynn	Owner	5100
5355	Ford	Owner	10200
5356	Peppin	Owner	15000
5357	Wright	Owner	6900
5358	Sanders	Jordan	5100
5359	Maurer	Owner	7000
5360	Pfrang	Owner	4500
5361	Cheshorough	Dolan	3750
5362	Humphrey	Owner	6923
5363	Krieger	Krieger	4000
5364	Parkinson	Newman	3500
5365	Smith	Owner	5000
5366	Davis	Cox	4865
5367	Schmidt	Randlett	5000
5368	Richet	Owner	4500
5369	Chase	Crust	5000
5370	Linhares	Matteson	3400
5371	Houck	Owner	5000
5372	MacGregor	Owner	4300
5373	MacGregor	Owner	7000
5374	MacGregor	Owner	4700
5375	Guson	Cal Bldg Co.	21000
5376	Mierson	Owner	7030
5377	Wieli	Owner	1500
5378	Marshall	Peters	1000
5379	Nickerson	Nickerson	1500
5380	House	Lyon	3200
5381	Marquis	Owner	5600
5382	Smith	Owner	3000
5383	Pruett	Pratt	2500
5384	Haekala	Lyon	2300
5385	Watson	Owner	3200
5386	Hickok	Strobel	2500
5387	Buzzell	Pratt	2500
5388	Straub	Anderson	2800
5389	Pringle	Langtry	5000
5390	Behergall	Birch	6000
5391	Davidson	Birch	6000
5392	Fahy	Frostholm	3350
5393	Brown	Stolte	7150
5394	Setz	Marshall	2730
5395	Spring Valley	Hauser	——

DWELLING
(5253) NO. 1620 DAYTON AVE., Alameda. One-story 6-room dwlg.
Owner—Mrs. M. Stafford.
Architect—None.
Contractor—Covey & Rose. $6300

DWELLING
(5254) NO. 2064 SAN JOSE AVE., Alameda. One-story 5-room dwelling.
Owner—Mrs. E. H. Mienicke.
Architect—None.
Contractor—W. G. Vollmar. $4000

DWELLING
(5255) NO. 3268 THOMPSON AVE., Alameda. One-story 6-room dwlg.
Owner—Mrs. M. E. Petersen.
Architect—None.
Contractor—Conrad Roth. $4550

DWELLING
(5256) NO. 1531 COMSTOCK, Berkeley One-story dwelling.
Owner—J. C. Littlepage, 1149 Euclid Ave., Berkeley.
Architect—None. $3000

DWELLINGS
(5257) NO. 1311 AND 1315 CARLOTTA Berkeley. Two one-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000 each

APARTMENTS
(5258) NO. 1545 EUCLID AVE., Berkeley. Two-story 16-room apts.
Owner—Arthur Sanborn.
Architect—None.
Contractor — George Wolfenden, 827 Walker St., S. F. $16,000

ALTERATIONS
(5259) NO. 2510 HASTE ST., Berkeley. Alterations.
Owner—F. A. Morgan, Premises.
Architect—None.
Contractor — Leslie R. Wilson, 2216 Blake St., Berkeley. $1500

ADDITION
(5260) NO. 17 ENCINA PLACE, Berkeley. Add tiion.
Owner—J. B. Bryan, 89 Parkside Drive Berkeley.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. $1500

DWELLING
(5261) NO. 969 INDIAN ROCK, Berkeley. Two-story 7-room dwlg.
Owner—J. A. Wilson, 15 Armanino Ct., Berkeley.
Architect—None. $6000

APARTMENTS
(5262) NO. 2007 PRINCE, Berkeley. Two-story 16-room apartments.
Owner—Jenny Lindale, 2009 Prince St., Berkeley.
Architect—None.
Contractor—N. J. Lindale, 2009 Prince St., Berkeley. $11,200

DWELLING
(5263) NO. 1140 SUTTER ST., Berkeley. One-story 6-room dwelling.
Owner—W. H. Porter.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $4250

DWELLING
(5264) NO. 918 THE ALAMEDA, Berkeley. One-story 5-room dwelling.
Owner—H. Johnson, 4006 Grove St., Oakland.
Architect—None. $6000

DWELLING
(5265) 830 CREED ROAD, Oakland. 1-story 6-room dwelling.
Owner—R. Cormack, 391 43rd St., Oakland.
Architect—None. $4000

DWELLING
(5266) 5029 CALAVERAS AVE., Oakland. 1-story 4-room dwelling.
Owner—C. M. Snyder, premises.
Architect—None. $2000

SIGNS
(5267) E - FOURTEENTH ST. AND 29th Ave., Oakland. Roof sign and 2 elec. signs.
Owner—Montgomery Ward Co.
Architect—None.
Contractor—Federal Elec. Co. $3000

DWELLING
(5268 1935 FIFTY-FIFTH AVE., Oakland. 1-story 5-room dwelling.
Owner—W. T. Legris, 1609 Seminary Ave., Oakland.
Architect—None. $4000

DWELLING
(5269) 2131 FOURTEENTH AVE Oakland. 1-story 6-room dwelling.
Owner — P. Angello, 726 E-12th St., Oakland.
Architect—None. $4500

DWELLING
(5270) 2800 FOOTHILL BLVD., Oakland. 1-story 5-room dwelling.
Owner—G. P. Watkins, 2151 E-24th St., Oakland.
Architect—None. $3000

DWLG & STORE
(5271) SW COR. FOOTHILL BLVD. & Talbot St., Oakland. 1-story 5-rm. dwellng and store.
Owner—H. N. Hall.
Architect—None.
Contractor—V. Winther, 2150 48th Ave Oakland. $3000

ALTERATION
(5272) 474 FORTY-FOURTH STREET Oakland. Alteration.
Owner—C. H. Vaughan, premises.
Architect—None.
Contractor—J. M. Bullock, 303 Hudson St., Oakland. $2500

DWELLING
(5273) 933 FORTY-FOURTH STREET Oakland. 1-story 6-room dwelling.
Owner—C. M. McGregor, 470 13th St., Oakland.
Architect—None. $4300

DWELLING
(5274) 939 FORTIETH ST., Oakland., 1-story 6-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $4300

ALTER & ADD
(5275) 822 FIFTY-SIXTH ST., Oakland. Alt. and add.
Owner—J. J. Hauri, premises.
Architect—None. $7800

DWELLING
(5276) 574 KENWIN AVE., Oakland. 1-story 6-room dwelling.
Owner—E. A. Craighead, 622 Hyde St., San Francisco.
Architect—None.
Contractor—H. E. Rice, 622 Hyde St., San Francisco. $5500

DWELLING
(5277) S WELD ST., 227 E 73rd Ave., Oakland. 1-story 4-room dwelling.
Owner—Donald Admiral, 109 Montecello Ave., Oakland.
Architect—None. $3000

STORES
(5278) LOTS 47 48 49 BLOCK 15 Amended Map Sunset Terrace, Albany. Move bldg. except plumbing and add 2 stores.
Owner—Narciso Lucchesi, Albany.
Architect—None.
Contractor—Bigley & Walsh, El Cerrito.
Filed Nov. 8, 1923. Dated Nov. 8, 1923.
Roof sheathed .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $3520
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(5279) 1741-43 ARCH ST., Berkeley. 1-story 8-room 2-family dwelling.
Owner—Mrs. J. B. Herriman.
Architect—None.
Contractor—Roy O. Long Co 2114 Shattuck Ave., Berkeley. $6000

FLATS
(5280) 1745-47-49-51 ARCH ST., Oakland. 2-story 12-room flats.
Owner—Mrs. J. B .Herriman.
Architect—None.
Contractor — Roy O. Long Co., 2115 Shattuck Ave., Berkeley. $12,000

DWELLING
(5281) 1328 CARRISON, Berkeley. 1-story 5-room dwelling.
Owner—C. A. Anderson, 730 18th St., Oakland.
Architect—None. $3000

DWELLING
(5282) 2514 MARTINEZ AVE., Berkeley. 1-story 6-room dwelling.
Owner—David Barnes, 2625 San Pablo Ave., Berkeley.
Architect—None. $5000

DWELLINGS
(5283) 2530 2534 MATHEWS, Berkeley 2 1-story 4-room dwellings.
Owner—Marion McArthur, 625 Taylor St., San Francisco.
Architect—None.
Contractor—Wallace MacArthur, 2919 Otis St., Berkeley. $2800 each

DWELLING
(5284) 1741 SAN PEDRO, Berkeley. 1-story 6-room dwelling.
Owner — R. A. Gerdes, 810 61st St., Oakland.
Architect—None. $4000

FLATS
(5285) 1751-53-55 WALNUT, Berkeley. 2-story 12-room flats.
Owner—J. W. Cardwell.
Architect—None.
Contractor — J. Henry Wolbold, 1209 Sonoma Ave., Berkeley. $12,000

DWELLING
(5286) S CALAVERAS AVE. 1000 W Davenport, Oakland. 1-story 4-rm. dwelling.
Owner—Frank E. Vaughan.
Architect—None. $2000

DWELLING
(5287) E DESMOND ST. 150 & 187 N 49th St. Oakland. 2 1-story 6-room dwellings.
Owner—D. Damonte, 4454 Desmond St., Oakland.
Architect—None.
Contractor—P. Garello, 870 47th St., Oakland. $4500

DWELLING
(5288) 1803 E-TWENTY-SECOND ST., Oakland. 1-story 4-room dwelling.
Owner—Jane H. Pinden, 1925 E-23rd St., Oakland.
Architect—None.
Contractor—H. G. Jackson, 1822 E-22nd St., Oakland. $2850

ADDITION
(5289) N E-TWENTY-FIRST ST. 200 W 18th Ave., Oakland. Addition.
Owner—C. W. Carman, 1740 E-12th St. Oakland.
Architect—None. $3000

DWELLING
(5290) 5726 FLEMING AVE., Oakland. 1-story 6-room dwelling.
Owner—C. E. Burks, 4129 Randolph Av. Oakland.
Architect—None. $4000

DWELLING
(5291) 2433 HAVENSCOURT BLVD., Oakland. 1-story 5-room dwelling.
Owner—James & Meyers.
Architect—None. $4000

DWELLING
(5292) N HEARST 400 E Lincoln Ave. Oakland. 1-story 6-room dwelling.
Owner—C. Olaine, 2528 Hearst Ave., Oakland.
Architect—None. $3000

DWELLINGS
(5293) 7006 & 7012 HALLIDAY AVE., Oakland. 2 1-story 4-room dwlgs.
Owner—Chas. Wiren, 1928 Rosedale Av. Oakland.
Architect—None. $2500 each

DWELLING
(5294) W MAYBELLE AVE 100 N Masterson, Oakland. 1-story 3-rm. dwelling.
Owner—Glenn Davis, 2341 Valley St., Oakland.
Architect—None. $1000

DWELLING
(5295) 2519 ONE HUNDRED NINTH Ave., Oakland. 1-story 5-room tile dwelling.
Owner—G. R. Blasingame, 3700 San Juan, Oakland.
Architect—None. $3000

DWELLING
(5296) 2300 NINETIETH AVE., Oakland. 1-story 5-room dwelling.
Owner—Jas. E. Pearce, 8906 E-14th St. Oakland.
Architect—None. $3000

DWELLING
(5297) 3863 RHODA AVE., Oakland. 1-story 5-room dwelling.
Owner—W. W. Clausen, 2860 Hopkins St., Oakland.
Architect—None. $3600

ALTERATION & ADDITION
(5298) 3234 SCHOOL STREET, Oakland. Alteration and addition.
Owner—N. Scow, premises.
Architect—None. $2000

DWELLING.
(5299) 1814 SIXTY-EIGHTH AVE., Oakland. One-story 5-room dwelling.
Owner—C. A. Rogers.
Architect—None.
Contractor—A. E. Orton, 2558 Seminary Ave., Cakland. $5100

REPAIRS.
(5300) 2349 TWENTY-SIXTH AVE., Oakland Repairs.
Owner—P. Ingbrightsen, 1222 E-28th St., Oakland.
Architect—None. $1500

ALTERATIONS.
(5301) 923 THIRTY-SECOND ST., Oakland. Alterations.
Owner—W. J. Pierce, 3600 Richmond Blvd., Oakland.
Architect—None. $1500

CLUB BUILDING.
(5302) S VINCENT LANE 140 E Seventy-second Ave., Oakland. Club house.
Owner—Seventy-third Ave. Civic & Improvement Club, R. F. D. No. 1, Box 758, Oakland.
Architect—None. $100

DWELLING
(5303) LOTS BET. LOT 71 & LOT 65 Blk D, Oakland View Homestead, Oakland. All work for 2-sto. frame dwelling and garage except furnace and elevators.
Owner—Carrie B. Oliver, Oakland.
Architect—Chas. W. McCall & Chas. T. Davis, Central Bank Bldg., Oakland
Contractor — Haskell & McPhee, 351 12th St., Oakland.
Filed Nov. 8, 1923. Dated Nov. 7, 1923.
1st & 15th day each month.....75%
Usual 35 days 25%
TOTAL COST, $18,326
Bond, $9163; Sureties, Aetna Casualty & Surety Co.; Forfeit, none; Limit, 100 days; Plans and specifications filed.

SORORITY HOUSE
(5304) S CHANNING WAY 285 E College Ave. E 45 S 147.02, Berkeley. Excavation, conc., brick, carpenter, mill, glass, glazing, oak floors, hardware, wrought iron, cement lath, plastering, roofing, awning, tile for 2-story, basement and attic sorority house.
Owner—Alpha Gamma Delta Chapter House Co., 2647 Regent St., Berkeley.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—E. T. Leiter & Son, 3601 West St., Oakland.
Filed Nov. 8, 1923. Dated Nov. 1, 1923.
1st day each monthr 75%
Usual 35 days 25%
TOTAL COST, $24,687
Bond, $12,344; Sureties, Aetna Casualty & Surety Co.; Forfeit, $25 day; Limit, 100 days; Plans and specifications filed

(5305) ELECTRIC WORK ON ABOVE
Contractor — Roberts Manufacturing Co., 2270 Broadway, Oakland.
Filed Nov. 8, 1923. Dated Nov. 1, 1923.
Payments same as above.
TOTAL COST, $489
Bond, $245; Sureties same; Forfeit, $25 day; Limit, 90 days; Plans and specifications filed.

(5306) HEATING ON ABOVE
Contractor—W. K. Nottingham 368 10th St., Oakland.
Filed Nov. 8, 1923. Dated Nov. 1, 1923.
Payments same as above.
TOTAL COST, $2305
Bond, $1153; Sureties, same; Forfeit, $25 day; Limit, 90 days; Plans and specifications filed.

(5307) PAINTING ON ABOVE
Contractor—I. Ingebrightsen, 1222 E 28th St., Oakland.
Filed Nov. 8, 1923. Dated Nov. 1, 1923.
Payments same as above.
TOTAL COST, $1730
Bond, $865, Sureties, same; Forfeit, $25 day; Limit, 90 days; Plans and specifications filed.

(5308) PLUMBING ON ABOVE.
Contractor—Chas. L. Sturm.
Filed Nov. 8, 1923. Dated Nov. 1, 1923.
Payments same as above.
TOTAL COST, $2794
Bond, $1397; Sureties, same; Forfeit, $25 day; Limit, 90 days; Plans and specifications filed.

DWELLING
(5309) N E-TWENTY-SECOND 200 E 23rd Ave., Oakland. One-story 3-room dwelling.
Owner—J. T. Brusttar, 3316 Galindo St., Oakland.
Architect—None.
Contractor — J. E. Stanley, 1748 23rd Ave., Oakland. $2500

DWELLING
(5310) NO. 3532 EDGERLY ST., Oakland. One-story 4-room dwlg.
Owner—A. E. Evans, 5536 Edgerly St., Oakland.
Architect—None. $2000

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

DWELLING
(5311) NO. 1755 EIGHTY-FIRST AVE., Oakland. One-story 4-room dwlg.
Owner—Henry Abel, 4633 Virginia St., Oakland.
Architect—None. $2000

CHURCH
(5312) SW EIGHTH AND PERALTA, Oakland. One-story church.
Owner — Emma Cotton, 1613 8th St., Oakland
Architect—None.
Contractor—W. H. Clayton, 1011 Spring St., Oakland. $7000

STORE, ETC.
(5313) NE FOURTEENTH & MADISON Oakland. Two-story brick and concrete store and office building.
Owner—H. C. Holmes, 392 17th St., Oakland.
Architect—None.
Contractor—M. P. Frasch, 392 17th St., Oakland. $5000

DWELLINGS
(5314) NO. 668-670-672 FORTY-FIFTH St, Oakland. Three one-story 3-story dwellings.
Owner—J. B. Ginochio, 676 45th St., Oakland.
Architect—None. $1500 each

ALTERATIONS
(5315) NO. 2540 FILBERT ST., Oakland. Alterations.
Owner—W. Nadran.
Architect—None.
Contractor—O. Hagland, 2027 Linden St., Oakland. $2200

DWELLING
(5316) N GALVIN 85 W Everett St., Oakland. One-story 6-room dwlg.
Owner—R M. Converse, 1040 Galvin St., Oakland.
Architect—None. $4500

ADDITION
(5317) NO. 3471 MAPLE AVE., Oakland. Addition.
Owner—R. L. Sedgwick, Premises.
Architect—None. $1800

DWELLING
(5318) E TWENTY-THIRD AVE 30 N E-Fourteenth St., Oakland. One-story 4-room dwelling.
Owner — D. J. Happ, 2716 E-22nd St., Oakland.
Architect—None. $2500

OFFICE, ETC
(5319) N TENTH 130 E Jefferson St., Oakland. Two-story 22-room office and dwelling.
Owner—Fong Pay, 655 Beacon St., Oakland.
Architect — Bancroft & Slocomber, St. Mark's Hotel, Oakland.
Contractor—G. W. Anderson, 655 Beacon St., Oakland. $30,000

BANK, ETC.
(5320) E BROADWAY 55 N Twelfth St. N 45xE 100, Oakland. All work for painting in banking room, 1st floor mezzanine, basement and sub-basement for 17-story Class A bank and office building.
Owner—The Oakland Bank, Broadway and 12th St., Oakland.
Architect — Reed & Corlett, Oakland Bank Bldg., Oakland.
Contractor—J. A. Turgeon, 301 20th St., Oakland.
Filed Nov. 9, '23. Dated Nov. 8, '23.
10th day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4445
Bond, $2223. Surety, Fidelity & Deposit Co. Limit, Mar. 1, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
(5321) LOT 4 BLK "E" Lower Piedmont Park Tract, Piedmont. All work for one-story 6-room dwelling and garage.
Owner—Anna E. Sanders, Piedmont.
Architect—None.
Contractor—Mac Jordan, 5844 Broadway, Oakland.
Filed Nov. 10, '23. Dated Nov 10, '23.
Frame up .....¼
Brown coated ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $6000.
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(5322) 2209 GLEN, Oakland. 1-story 5-room dwelling.
Owner—Mrs. J. E. Nichols, 2241 Glen Ave., Berkeley.
Architect—C. C. Dakin, 2961 Pine Ave., Berkeley.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $5000

ADDITION
(5323) 620 VICENTE AVE., Berkeley. Addition.
Owner—J. T. Vest, 608 Vincente Ave., Berkeley.
Architect—None. $1000

ALTERATION
(5324) 3030 COLLEGE AVE., Berkeley Alteration.
Owner—John N. Thompson, premises.
Architect—None. $1500

DWELLING
(5325) 1214 OREGON, Berkeley. 1-story 5-room dwelling.
Owner — John McBride, 2820 Wallace Berkeley.
Architect—None.
Contractor—J. Knowlton, 2820 Wallace Berkeley. $2800

DWELLING
(5326) 1623 VIRGINIA, Berkeley. 1-story 5-room dwelling.
Owner—E. Meybem.
Architect—None.
Contractor—W. G. Appleton 730 Contra Costa Ave., Berkeley. $3000

FLATS
(5327) 2617-19 CEDAR ST., Berkeley. 2-story 10-room flats.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna Ave., Berkeley. $7500

DWELLING
(5328) 1938 MARIN, Berkeley. 2-story 6-room dwelling.
Owner—Mrs. A. Gallaher, 1982 Marin, Berkeley.
Architect—None.
Contractor—C. Zeile, 2544 Milvia St., Berkeley. 05000

DWELLING
(5329) 1646 & 1650 SPRUCE ST., Berkeley. 2 2-story 7-room dwellings.
Owner—W. Jacheson.
Architect—J. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—J. P. Brennan, 2110 Shattuck, Berkeley. $8000 & $9000

DWELLING.
(5330) 307 ADAMS STREET, Oakland. One-story 6-room dwelling.
Owner—J. F. Whalen, 324 Warwick ave Oakland.
Architect—None. $5000

DWELLING.
(5331) 311 ADAMS STREET, Oakland. One-story 5-room dwelling.
Owner—J. F. Whalen, 324 Warwick Ave., Oakland.
Architect—None. $4500

DWELLING.
(5332) S BARROWS ROAD, 300 E Cavanaugh Road, Oakland. One & one-half story 6-room dwelling.
Owner—Bertha Taylor, 3003 Grove St., Berkeley.
Architect—None.
Contractor—John Carson, 50 Yosemite Ave., Oakland. $4500

GARAGE.
(5333) 610 CHETWOOD ST., Oakland. Garage.
Owner—G. A. Hughes, prem.
Architect—None.
Contractor—Jas. H. Pedgrift, 4110 Broadway, Oakland. $1000

DWELLING.
(5334) N E STRREET, 190 W Elmhurst Ave., Oakland. One-story 5-room dwelling.
Owner—A. Giovanetti, 1151 Elmhurst Ave., Oakland.
Architect—None.
Contractor—E. Prunetti, 1604 94th Ave. Oakland. $2000

DWELLING
(5335) W EIGHTIETH AVE., 558 S E-14th St., Oakland. One-story 4-room dwelling.
Owner—Edward Levy.
Architect—None.
Contractor—D. J. Gordon, 3533 Woodruff Ave., Oakland. $2500

APARTMENTS.
(5336) 9411 E-FOURTEENTH ST., Oakland. Two-story brick apartments.
Owner—Jos. St. Mary, 1465 Auseon Ave. Oakland.
Architect—None. $14000

DWELLING.
(5337) 819 FORTY-SECOND ST., Oakland One-story 4-room dwelling.
Owner—E. Capra.
Architect—None.
Contractor—M. E. Valente, 5215 Lockslcy St., Oakland. $3000

DWELLING.
(5338) 8121 FOOTHILL BLVD., Oakland. One-story 4-room dwelling.
Owner—John Snell, 2857 Juno St., Oakland.
Architect—None.
Contractor—B. K. Albertson, 2827 Juno St., Oakland. $2500

DWELLING.
(5339) 2312 FORTY-SEVENTH AVE., Oakland. One-story 4-room dwelling.
Owner—R. C. Malom.
Architect—None.
Contractor—E. C. Sydes, 1700 48th Ave. Oakland. $2700

DWELLINGS
(5340) 1271 & 1277 HOLMAN RD Oakland. 2 1-story 6-room dwlgs.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. $5000 each

OFFICE
(5341) SE COR. HIGH & TIDEWATER Sts., Oakland. 1-story office and barn.
Owner—Heafey, Moore & McNair, 2030 High St., Oakland.
Architect—None. $1600

DWELLING
(5342) 547 KEMPTON AVE., Oakland. 1-story 5-room dwelling.
Owner—Wm. F. Neary, 536 17th St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St Oakland. $3000

DWELLING
(5343) 2851 MORCOM AVE., Oakland. 1-story 6-room dwelling.
Owner—Mrs. Ida M. Morley, premises.
Architect—None.
Contractor—W. B. Dickie, 917 62nd St., Oakland. $4000

DWELLING
(5344) SW COR. MAYBELLE AND Fullington, Oakland. 1-story 4-rm. dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2000

DWELLING
(5345) 10800 McINTYRE ST., Oakland 1-story 4-room dwelling.
Owner—C. W. Slack, Sta. G Box 73, Oakland.
Architect—None. $3300

DWELLING
(5346) E PERALTA AVE. 120 S Montana, Oakland. 1-story 6-room dwlg
Owner—J. T. Harvey, 3415 Rhoda Ave., Oakland.
Architect—None. $4500

CHURCH
(5347) NW COR. RHODA AVE. AND Montana St., Oakland. 2-story 10-room church.
Owner—Pilgrim Advent Church.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. $11,800

DWELLING
(5348) 571 RADNOR ROAD, Oakland. 2-story 8-room dwelling.
Owner—John J. McLean, 5th and Union Sts., Oakland.
Architect—None.
Contractor—John J. Easterly, R. F. D. No. 1, Box 2291, Oakland. $11,000

DWELLING
(5349) 1300 SEVENTY-NINTH AVE., Oakland. 1-story 4-room dwelling.
Owner—C. A. Pratt, 1309 Myrtle, Oakland.
Arcritect—None. $2500

DWELLING
(5350) 2675 SIXTY-EIGHTH AVE., Oakland. 1-story 5-room tile dwlg
Owner—W. J. Beatly, 1778 7th St., Oakland.
Architect—None. $3000

ALTERATION
(5351) 3524 WEST ST, Oakland. Alterations.
Owner—Mrs. T. H. Hewes.
Architect—None.
Contractor—O. H. Butzke, 1315 66th St. Berkeley. $1000

DWELLING
(5352) E WHITTLE AVE. 150 S Wilbur, Oakland. 1-story 4-room dwlg.
Owner—A. Erickson, 5943 Shafter Ave., Oakland.
Architect—None. $3000

DWELLING
(5353) IRVINGTON. 1-story frame dwelling except hardware, wiring and plumbing.
Owner—O. N. Hirsch, Irvington.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—C. V. Brown, 521 N 16th St., San Jose.
Filed Nov. 13, 1923. Dated Nov. 5, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $7440
Bond, $3720; Sureties, A. C. Hansen & James H. Pierce; Forfeit, none; Limit, 80 days; Plans and specifications filed.

DWELLING
(5354) NO. 114 RICARDO AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—Willis F. Lynn, 208 Commercial Bldg., Oakland.
Architect—None. $5100

DWELLINGS
(5355) NO. 1608 & 1610 GRAND AVE., Piedmont. Two one-story 7-room dwellings and garages.
Owner—W. D. Ford, 4324 Howe St., Oakland.
Architect—None. $5100 each

DWELLINGS
(5356) NO. 148, 152 & 156 WILDWOOD Ave., Piedmont. Three one-story 6-room dwellings and garages.
Owner—J. B. Peppin.
Architect—None. $5000 each

DWELLING
(5357) NO. 1128 GIRARD AVE., Piedmont. One-story 7-room dwelling and garage.
Owner—Wright & Beckett, 2457 Webster St., Oakland.
Architect—None. $6900

DWELLING
(5358) NO. 1126 WINSOR ST., Piedmont. Two-story 6-room dwelling and garage.
Owner—Mrs. J. Sanders, 680 62nd St., Oakland.
Architect—None.
Contractor—M. Jordan, 5844 Broadway, Oakland. $5100

DWELLING
(5359) NO. 105 ARBOR DRIVE, Piedmont. Two-story 7-room dwelling and garage.
Owner—Geo. J. Maurer Co., 177 Ridgway Ave., Piedmont.
Architect—None. $7000

DWELLING
(5360) NO. 1531 GRAND AVE., Piedmont. One-story 5-room dwelling.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $4500

DWELLING
(5361) NO. 51 SPRING AVE., Piedmont. One-story 4-room dwelling.
Owner—Harold M. Cheseborough, 1432 San Pablo Ave., Oakland.
Architect—None.
Contractor—L. J. Dolan, 400 Syndicate Bldg., Oakland. $3750

DWELLING
(5362) NO. 1607 EUCLID AVE., Berkeley. One-story 6-room dwelling.
Owner—Mrs. Humphrey and Miss Reed.
Architect—W. H. Ratcliff Jr.
Contractor—S. J. Bertelsen, 30 Estrella Ave., Piedmont. $6923

DWELLING
(5363) NO. 2115 LOS ANGELES, Berkeley. One-story 6-room dwelling.
Owner—C. M. Krieger.
Architect—None.
Contractor—C. J. Krieger, 2512 Keith Ave., Berkeley. $4000

DWELLING
(5364) NO. 2444 MARTINEZ, Berkeley. One-story 6-room dwelling.
Owner—G. M. Parkinson, 2842 Telegraph Ave., Berkeley.
Architect—None.
Contractor—Newman & Anwarter, 1062 Peralta Ave., Berkeley. $3500

DWELLING
(5365) NO. 674 SANTA ROSA ST., Berkeley. One-story 7-room dwelling.
Owner—J. Harry Smith. 508 Lexington St., El Cerrito.
Architect—None. $5000

DWELLING
(5366) NO 1531 SCENIC, Berkeley. One-story 5-room dwelling.
Owner—Alva R. Davis.
Architect—None.
Contractor — Cox Bros., 2121 Shattuck Ave., Berkeley. $4865

DWELLING
(5367) NE SANTA CLARA AVE AND Lafayette St., Alameda. One-story 5-room dwelling.
Owner—P. W. and Emma Schmidt.
Architect—None.
Contractor—E. A. Randlett, 1534 Chestnut St., Alameda. $5000

DWELLING
(5368) NO. 3258 THOMPSON ST., Alameda One-story 6-room dwelling.
Owner—Victor H. Richlt, 1364 Broadway, Alameda.
Architect—None. $4500

DWELLING
(5369) S ARMY DRIVE 300 E Edith, Oakland. 1½-story dwelling.
Owner—I. Chase, 873 Kingston Ave., Oakland.
Architect—None.
Contractor—G. Crust, 435 Howe St., Oakland. $5000

DWELLING
(5370) 1936 E-TWENTY-FOURTH ST. Oakland. 1-story 5-room dwelling.
Owner—J. Linhares, premises.
Architect—None.
Contractor—E. T. Matteson, 3629 Laguna Ave., Oakland. $3400

DWELLING
(5371) S EL CENTRO AVE. 200 E Glendora, Oakland. 1-story 5-room dwelling.
Owner—H. L. Houck, 934 Alma Ave., Oakland.
Architect—None. $5000

DWELLING
(5372) 920 EVERETT AVE., Oakland. 1-story 5-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $4300

DWELLING
(5373) 847 & 853 FORTY-SECOND ST Oakland. 2 1-story 5-room dwlgs.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $3950 each

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING
(5374) N GALVIN ST. 205 W Everett Ave., Oakland. 1½-story 6-room dwelling.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. $4700

APT. BLDGS.
(5375) S FORTY-FIRST ST 50 W Market St.;
NE CORNER FORTY-FIRST AND Market Sts., Oakland. 2 1-story 12-room apt buildings and garages.
Owner—N. S. Guson.
Architect—None.
Contractor — Cal Builders Co., 1534 Franklin St., Oakland. $10,500 each

STORES
(5376) SW COR. FOOTHILL BLVD. & 34th Ave., Oakland. 1-story brick stores.
Owner—M. Mierson, St. Marks Hotel, Oakland.
Architect—F. D. Voorhees, 1829 West St., Oakland. $7000

DWELLING
(5377) W KNOLL AVE. 300 Mt. Blvd. Oakland. 1-story 4-room dwelling.
Owner—C. N. Wieli
Architect—None. $1500

ALTERATION
(5378) 411 NINETEENTH ST., Oakland. Alteration.
Owner—Marshall & Stearns Wall Bed Co., premises.
Architect—None.
Contractor—Fred W. Peters 184 Ridgeway Ave., Oakland. $1000

DWELLING
(5379) 1257 NINETY-SECOND AVE., Oakland. 1-story 3-room dwlg.
Owner—J. S. Nickerson, 1316 97th Ave., Oakland.
Architect—None.
Contractor—G. E. Nickerson, 1316 97th Ave., Oakland. $1500

DWELLING
(5380) N OUTLOOK AVE. 200 E-64th Ave., Oakland. 1-story 5-room dwlg
Owner—S. F. House.
Architect—None
Contractor—C. D. Lyon, 22 Murdock Court, Oakland. $3200

DWELLINGS.
(5381) 1622 & 1626 SEVENTY-SECond Ave., Oakland. 2 1-story 5-rm. dwellings.
Owner—E. M. Marquis, 2827 Russell St., Berkeley
Architect—None. $2800 each

DWELLING
(5382) E-SIXTY-FOURTH AVE. 150 N Flora, Oakland. 1-story 4-room dwelling.
Owner—E. H. Smith, 4428 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(5383) 3146 SIXTY-THIRD AVE Oakland. 1-story 4-room dwelling.
Owner—Mrs. W. Pruett, 1674 69th Ave., Oakland.
Architect—None
Contractor—C. A Pratt, 1309 Myrtle St. Oakland. $2500

DWELLING
(5384) E SIXTY-SIXTH AVE. 250 N Trenor St., Oakland. 1-story 4-rm. dwelling.
Owner—J. L. Hackala, Oakland
Architect—None
Contractor—Chas. D. Lyon, 22 Murdock Court, Oakland. $2300

DWELLING.
(5385) W SIXTY-FOURTH AVE., 240 N Hayes, Oakland. One-story 5-room dwelling.
Owner—W. J. Watson, 1542 3rd St., Alameda.
Architect—None. $3200

DWELLING.
(5386) W SEVENTY-EIGHTH AVE., 650 N E-14th St., Oakland. One-story 5-room dwelling.
Owner—Grace Hickok, 1433 46th Ave., Oakland.
Architect—None.
Contractor—N. M. Strobel, 1325 Fruitvale Ave., Oakland. $2500

DWELLING.
(5387) 1114 SEVENTY-SECOND AVE., Oakland. One-story 4-room dwelling.
Owner—H. Buzzell, 1440 82nd Ave., Oakland.
Architect—None.
Contractor—C. A. Pratt, 130 Myrtle St., Oakland. $2500

DWELLING.
(5388) 2038 TWENTY-SIXTH AVE., Oakland. One-story, 4-room dwelling.
Owner—Robert Straub, 3234 Blvd., Oakland.
Architect—None.
Contractor—Chas. Anderson, 1916 24th Ave., Oakland. $2800

DWELLING.
(5389) 4343 TOWNSEND, Oakland. One-story 5-room dwelling.
Owner—Robert Pringle Jr., 1104 Center St., Oakland.
Architect—None.
Contractor—J. R. Langtry, 739 Aileen St., Oakland. $5000

DWELLING.
(5390) 312 3-25 THIRTY-FIFTH AVE. Oakland. One-story 8-room frame dwelling.
Owner—M. Behergall.
Architect—None.
Contractor—C. A. Birch, 2224 Havenscourt Blvd., Oakland. $6000

DWELLING.
(5391) 619 WESLEY STREET, Oakland. One-story 5-room dwelling.
Owner—M. Davidson, Blake Bldg., Oakland.
Architect—None.
Contractor—C. A. Birch, 2224 Havenscourt Blvd., Oakland. $6000

DWELLING
(5392) S SIXTY-SECOND ST. 144 W Baker St., Oakland. 1-story dwlg.
Owner—John T. Fahy, 847 32nd St., Oakland.
Architect—None.
Contractor—H. M. Frostholm 877 Lakeshore Ave., Oakland.
Filed Nov. 14, 1923. Dated Nov. 13, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3350
Bond, Sureties, Forfeit, none; Limit, 90 days from Nov. 15; Plans and specifications filed.

DWELLING
(5393) N CEDAR ST. AT SW CORNER Lot 14 E 50 N 125, Berkeley. 2-story dwelling.
Owner—Lena S. Brown, Berkeley.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland.
Filed Nov. 14, 1923. Dated Nov. 6, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $7150
Bond, Sureties, none; Forfeit, $10 day; Limit, 80 days; Plans and specifications filed.

LABORATORY
(5394) 3009 ELMWOOD BEING LOT 7 Blk 10 Elmwood St., bet. Lancaster and Derby, Oakland. All work for tile chemical laboratory.
Owner—H. G. Setz, 470 Ellita, Oakland.
Architect—W. A. Doctor.
Contractor—Alex F. Marshall Co., 1424 Franklin St., Oakland.
Filed Nov. 14, 1923. Dated Nov. 13, 1923. Monthly through Builders Clearing House.
TOTAL COST, $2730
Bond, Sureties, Forfeit, none; Limit, 35 days; Plans and specifications filed.

EXCAVATE
(5395) SECT 13 TWP 5 S RANGE 1 East M D B & M. Excavate spillway channel.
Owner—Spring Valley Water Co., S. F.
Architect—None.
Contractor—W. H. Hauser, 351 12th St., Oakland.
Filed Nov. 14, 1923. Dated Nov. 10, 1923. 15th day each month 90%
Usual 35 days 10%
TOTAL COST—Excavation 85c cu yd; trim spillway 30c sq. yd.
Bond, $2000; Sureties, American Indemnity Co.; Forfeit, 25 day; Limit, May 31, 1924; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Nov. 8, 1923 LOT 5 BLK 11 Resubdivision Blks 9, 10, 11, 12, 13, 14 Ptn 16, Rock Ridge Terrace, Okd. Mark M Hall to H S Pratt.....Nov. 3, 1923
Nov. 8, 1923—LOTS 24 AND 25 and E 10 Lot 23 4th Avenue Court Tract, Oakland. E S Chency to whom it may concern.....Nov. 7, 1923
Nov. 8, 1923—N RUSSELL 60 E Pine Path E 40xN 150, Berkeley. Gabrille Woodworth to Gustav Johanson .....June 21, 1923
Nov. 8, 1923—NO. 2942 MAGNOLIA ST. Berkeley. Susie Smith to J P Brennan .....Nov. 25, 1923
Nov. 8, 1923—LOTS 24 AND 25 BLK 13, Map No. 8, Regents Park, Albany. Margaret Herman to J H Herman .....Nov. 5, 1923
Nov. 9, '23—PTN S ½ SOTO RANCHO Russell Station, Frank E and Johanna H Behrmann to Jos Flittner.....Nov. 9, 1923
Nov. 9, 1923—NO. 143 CONTRA Costa Road, Oakland. G T Campau to whom it may concern.Nov. 9, 1923
Nov. 9, 1923—PTN LOT 10 Map Ptn Liese Tract, Oakland. Jos Flittner to whom it may concern.....Nov. 10, 1923
Nov. 9, 1923—SE BERRYMAN AND Milvia E 95xS 40, Berkeley. Roy O Long to whom it may concern.....Nov. 9, 1923
Nov. 9, 1923—LOT 37 BLK 6 Map Resubdivision Ptn North Cragmont, Berkeley. Jennie McAvavy to Oscar I Runnels.....Nov. 4, 1923
Nov. 9, 1923—S BERRYMAN 95 E Milvia E 40xS 120, Berkeley. Roy O Long to whom it may concern.....Nov. 9, 1923
Nov. 9, 1923—143 CONTRA COSTA Road, Oakland. G T Campau to whom it may concern....Nov. 9, 1923
Nov. 9, 1923—LOT 44 Map Allendale Park, Oakland. Adam Kramer to whom it may concern..Oct 10, 1923
Nov. 9, 1923—NE MOSS AVE AND Broadway N 178.75 E 150 N 192 E 250 S 443 W 322-8, Oakland. Fabiola Hospital Assn to Mangrum & Otter.....Nov. 5, 1923
Nov. 9, 1923—LOT 34 BLK 36 Amended Map Fairmount Park, Berkeley. John and Sigrid Gunnarson to Anderson & Anderson.....Nov. 3, 1923
Nov. 9, 1923—E DIVISION 495 S Hampel, Oakland. W W Landgrebe to whom it may concern..Nov. 8, 1923
Nov. 9, 1923—NO. 2626 THIRTY-Fifth Ave, Oakland. Myrtle E Dickie to Walter E Dickie.....Nov. 9, 1923
Nov. 9, 1923—S THIRTEENTH ST 60 W Franklin St. W 40 S 100, Oakland. Tribune Building Co. to Joe Stevens & Co. .....Nov. 3, 1923
Nov. 10, 1923—(1) LOT 16 BLK 7, Hollywood; (2) Lot 18 Blk 7, Hollywood, San Leandro. S Victor Davidow to R E Neikirk....Nov. 10, 1923
Nov. 10, 1923—LOT 31 Map A. J. Schneider Piedmont Tract by-the-Lake, Oakland. S E Johnston to Henry Johnston.....Nov. —, 1923
Nov. 10, 1923—(1) LOT 10 BLK "L"; (2) Lot 11 Blk "L" Oakland Highland Tract, Oakland. H C Cameron to whom it may concern..Nov. 9, '23
Nov. 10, 1923—NW PIEDMONT AVE 396.5 E Mather St. NE 150 NW 200 SW 161.45 SE 245, Oakland. California Crematorium to Henri Gregoire .....Oct. 30, 1923
Nov. 13, 1923—PTN LOT 10 BLK 9 Map East Piedmont Heights Extension, Oakland. Alice G Cgarnecki to James B Grubb.Nov. 13, 1923
Nov. 13, 1923—LOT 22 BLK "L" Map Maxwell Park, Oakland. G MacInnis to McWethy & Greenleaf.....Nov. 10, 1923
Nov. 13, 1923—NO. 1351 BURBANK St., Alameda Hilma S Bernt to Emil Pearson.....Nov. 13, 1923
Nov. 13, 1923—LOT 3 BLK 1, Brookdale Terrace, Oakland. J W Waldrop to whom it may concern.....Nov. 13, 1923
Nov. 13, 1923—NO. 480 PERKINS St., Oakland. Mary D Reilly to Barnes & Place.....Oct. 19, 1923
Nov. 13, 1923—W WALNUT 40 S Virginia S 43.50xW 85, Berkeley. Martha H Harris to whom it may concern.....Nov. 9, 923
Nov. 13, 1923—LOT 9 BLK "B" Hapkins Terrace No. 3, Berkeley. Edwin James Squires to whom it may concern.....Nov. 10, 1923
Nov. 14, 1923—(1) LINCOLN AVE (2) Encinal Ave., Alameda. S P Co to Hutchinson Co.....Nov. 10, 1923
Nov. 14, 1923—LOT 13 BLK "K" Tolcr Heights, Oakland. R A Smith to whom it may concern..Nov. 13, 1923
Nov. 14, 1923—LOTS 22 AND 23 BLK 5 on E Westbay Ave., Oakland. G R Blasingame to whom it may concern.....Nov. 13, 1923
Nov. 14, 1923—NE GRAND ST. AND Palmera Court, Alameda. L W Lovey to McIntosh Bros..Nov. 10, '23
Nov. 14, 1923—SE SCHOOL AND Laurel Sts., Oakland. Johanna Lowe to W C Constable.Nov. 14, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Nov. 8, 1923—LOT 19 and Ptn Lot 18 Blk 10 Map Havenscourt, Okd. Garrett Lumber Co vs Frank and Angela Hammel.....$529.10
Nov. 8, 1923—LOT 22 BLK 2, Lakeshore Highlands Tract, Oakland. A J Aaroe vs M A Rose.....$175.50
Nov. 8, 1923—E 30 LOT 45 and W 5 Lot 46 Blk 1426 Map Berkeley Ppty Maps No. 1 and 2, Blake Tct, Berkeley. Bernhard Bannsen vs Nancy M and Geo F Rice.....$513
Nov. 8, 1923—LOTS 7 AND 8 BLK "C" Map Boulevard Villa Tract, Oakland. R H Harzadine vs F W Goetze, C H and E Graham.....$162
Nov. 10, 1923—LOT 9 and SW 12½ Lot 10 Blk 14 Map No. 8, Regents Park, Berkeley. Sunset Hardware Co vs R G Kinsey and Fred F Sprow $47.58
Nov. 13, 1923—LOT 22 BLK 2 Map Lakeshore Highlands, Oakland. Sunset Lumber Co vs M A Rose and L H Covey $680.26
Nov. 13, 1923—LOT 22 BLK 2, Lakeshore Highlands Tract, Oakland. Henry Cowell Lime & Cement Co vs M A Rose.....$156.80

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Nov. 13, 1923—LOT 6 BLK 62, Map Summit Park Tract, Oakland. Sunset Lumber Co to F E and Marie Vaughn $214 84

Notice of Non-Responsibility

ALAMEDA COUNTY

Nov. 8, 1923—NO. 19 GRAND AVE., Oakland. Irene M Roos as to improvements on property.....
Nov. 14, 1923—LOT 8 BLK 5 Map South Lakeshore Glen, Oakland. Lakeshore Highlands Co as to improvements on property.....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

ADDITION
SAN JUAN UNION HIGH SCHOOL DISTRICT. Erect auditorium-gymnasium addition.
Owner—San Juan Union High School District.
Architect—E. J. Sneader, Mitau Bldg., Sacramento.
Contractor—Chas. S. Mabrey Co., Ochsner Bldg., Sacramento.
Filed Nov. 6, 1923. Dated Nov. 3, 1923. Payments not stated.
TOTAL COST, $13,838
Bond, Sureties, Forfeit, Limit, Plans & specifications, none.

ADDITION
NEWTON BOOTH SCHOOL, Sacramento. Addition to school.
Owner—Sacramento City School District.
Architect—Dean & Dean, City Library Bldg., Sacramento.
Contractor—Chas. S. Mabrey Co., Ochsner Bldg., Sacramento.
Filed Nov. 6, 1923. Dated Nov. 2, 1923. Payments not stated.
TOTAL COST, $35,987
Bond, Sureties, Forfeit, Limit, Plans & Specifications, none.

STORE BLDG. (3 stores) 1-story, $5000 3861 J, Sacramento; owner, W. V. Pierce, 924 39th, Sacramento; contractor, Geo. Martin & Son, 1417 19th Sacramento.
DWELLING, 2-story 6-room, and garage, $5000; 1317 47th Sacramento; owner, Mr. and Mrs. F. Beal, 920 N. Sacramento.
DWELLING, 2-story 6-room, and garage; $6500; 1422 44th, Sacramento; owner, I. Christie, 2617 G, Sacramento.
DWELLING, 1-story 5-room, and garage, $3000; 3240 D, Sacramento; owner, Carmichael Co., 811 J, Sacramento; contractor, Vaughn and Christie,, 500 15th St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3000; 3264 D, Sacramento; owner, Carmichael Co.; contractor, Vaughn & Christie.
DWELLING, 1-story 5-room, and garage, $4500; 4733 T, Sacramento; owner, Annie F. Beere, 1858 48th Sacramento; contractor, J. P. Howell, 1837 47th Sacramento.
DWELLING, 1-story 5-room and garage, $2500; 3632 1st Ave., Sacramento; owner, O. H. Moore, 2922 35th, Sacramento.
INSTALL STORE on lower floor, $6300, 600 M, Sacramento; owner, Hom Wah, 206 I, Sacramento; contractor C. Vanina, 2022 M, Sacramento.
DWELLING, 1-story 4-room, $2500; 3256 D, Sacramento; owner, Cyril Hodges, 508 7th St., Sacramento; contr. Peterson & Nelson, Box 241 Motor R B, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Nov. 7, 1923—LOT 2210, Elmhurst. W J and JE Weida to whom it may concern.....Oct. 3, 1923

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Nov. 8, 1923—LOTS 21 AND 22, Nishkian Tract, Fresno. J A Schlotthauer to whom it may concern.... .....Nov. 5, 1923
Nov. 8, 1923—SE ¼ of SEC 18, 15-21, Fresno. L Bucklian to A Avakian .....Nov. 2, 1923
Nov. 8, 1923—STANISLAUS AND TEhema Sts., Fresno. Fresno City Water Corpn to Fredrickson & Shannon.....Nov. 3, 1923
Nov. 9, 1923—LOTS 17 18 19 BLK 123 Fresno. Edw. Kemalyan to whom it may concern .....Nov. 8, 1923
Nov. 9, 1923—LOTS 17 TO 21 BLK 16, Fowler. E. W. Peterson to A. Newman Co. .....Nov. 6, 1923
Nov. 9, 1923—CARUTHERS SCHOOL, Fresno. E. W. Peterson to B. M. Jenkins .....Nov. 7, 1923

BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLING
LOT 9 BLK 28 REDWOOD HIGHland, Redwood City. All work for 1-story dwelling.
Owner—Redwood Highlands Co., Redwood City.
Architect—None.
Contractor—Louis N. Pollard, 55 Brewster, Redwood City.
Filed Nov. 8, 1923. Dated Oct. 27, 1923.
Sheathed $1225
Brown coated 1225
Completed and accepted 1225
Usual 35 days 1225
TOTAL COST, $4900
Bond, $2500; Sureties, W. P. Gray and Z. T. Thorning; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

RESIDENCE
LOT 1 BLK 12 BLGME. PARK, BURlingame No. 2. All work for frame residence.
Owner—B. J. Hoffacker, 341 Occidental Ave., Burlingame.
Architect—Ed. M. Sharpe.
Contractor—Arthur Duesenberry, 442 Hurlingham, San Mateo.
Filed Nov. 8, 1923. Dated Nov. 7, 1923.
Contractor (in two weekly payments) $1000
Owner to pay all bills.
TOTAL COST, not to exceed $5000
Bond, Sureties, Forfeit, none; Limit, 140 wk. days; Plans and specifications, none.

HOT WATER ETC.
LOT 1 BLK 1 BLGME. LAND CO., Burlingame. Hot water etc. for 2-story and basement apartment house.
Owner—A. L. Offield, Burlingame.
Architect — Will H. Toepke, 72 New Montgomery St., San Francisco.
Contractor—H. I. Lauder, 1205 Burlingame Ave., Burlingame.
Filed Nov. 8, 1923. Dated Nov. 2, 1923.
Steam pipe in $971
Completed and accepted 971
Usual 35 days 648
TOTAL COST, $2590
Bond, $1300; Sureties, F. D. Sorton & John Rehe; Forfeit, $15; Limit, as req.; Plans and specifications filed.

PAINTING ETC. ON ABOVE.
Contractor—J. C. Hanlon, San Mateo.
Filed Nov. 8, 1923. Dated Nov. 6, 1932.
1st coat on $775
Completed and accepted 800
Usual 35 days 525
TOTAL COST, $2100
Bond, $1050; Sureties, American Surety Co. of N. Y.; Forfeit, $10; Limit, 20 wk. days; Plans and specifications, none.

ELECTRIC WIRING ON ABOVE.
Contractor—C. F. Mausser, 315 Main St. Burlingame.
Filed Nov. 8, 1923. Dated Nov. 5, 1923.
Rough & test $500
Completed and accepted 287
TOTAL COST, $787
Bond, $400; Sureties, Walter C. Johnson and Chas. Wrick; Forfeit, $10; Limit, none; Plans and specifications filed.

PLUMBING ETC. ON ABOVE.
Contractor—W. C. Palamountain, 1213 Burlingame Ave., Burlingame.
Filed Nov. 8, 1923. Dated Nov. 2, 1923.
Roughed $1350
Completed and accepted 1350
Usual 35 days 900
TOTAL COST, $3600
Bond, $1800; Sureties, F. N. Head and W. M. Vincent; Forfeit, $15; Limit, as required; Plans and specifications filed.

CARPENTER WORK ETC. ON ABOVE
Contractor—C. E. Fowler, 829 Edgehill Ave., Burlingame.
Filed Nov. 8, 1923. Dated Nov. 8, 1923.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $27,890
Bond, Sureties, none; Forfeit, $15; Limit, 120 wk. days; Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Nov. 6, 1923—BALDWIN AVE. BET. Griffith & B Sts. San Mateo Creek San Mateo. City of San Mateo to C. J. Lindgreen .....Oct. 13, 1923
Nov. 7, 1923—LOT 3 BLK 45 EASton No. 4, Burlingame. Lambert Hornquist to whom it may concern .....Nov. 1, 1923
Nov. 7, 1923 — LOT 4 BLK 33 SAN Carlos. O. D. Fairfield to whom it may concern .....Nov. 1, 1923
Nov. 8, 1923—NORTH SIDE BLGME. Ave., Burlingame. Cassie D. Hitchcock care K. E. Faul, agt. to Thos. J. Broderick .....Oct. 27, 1923
Nov. 8, 1923—LOT 3 BLK 6 BLGME. Terrace, Burlingame. F. W. Varney to whom it may concern.Nov. 7, 1923
Nov. 9, 1923—LOT 1 BLK 9 BLGME. Terrace, Ralph W. Harst, Lewis E. White to whom it may concern. .....Nov. 5, 1923
Nov. 6, 1923—LOT 11 BLK 15 BLGME Grove. Sophie W. Root to I. Sorensen .....Nov. 1, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Nov. 8, 1923—NORTH PORT. LOT 12 Blk Bowie Estate No. 1, Hillsborough. Thomas W. & Frank Covaugh alias Covaugh Bros. vs. Martha B. & L. B. Kiplinger.$3089.26
Nov. 9, 1923—NORTH PORT. LOT 12 B Bowie Est. No. 1. Wisnom Banner Hardware Co. vs. Martha I. & L. B. Keplinger $375

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you ars interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., NOVEMBER 24, 1923

Published Every Saturday
Twenty-third Year No. 47

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

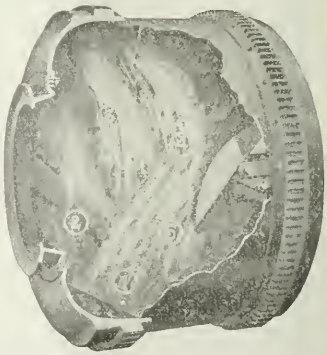
Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
San Francisco Los Angeles

PUBLIC LIBRARY

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., NOVEMBER 24, 1923 — Twenty-third Year No. 47

BUILDING and ENGINEERING NEWS

No. 818 Mission Street.
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

OCTOBER CEMENT PRODUCTION SETS NEW RECORD

Production of portland cement in October was the largest for any month this year and incidentally broke all records for a single month. Report of the United States Geological Survey just issued places the total production for the month at 13,350,000 barrels compared with 13,100,000 in September and less than 12,300,000 a year ago. For the ten months ending October 31, over 114,000,000 barrels were produced exceeding last year's record output for the same period by 20,000,000 barrels or 22%.

Shipments from the mills in October were 14,285,000 barrels, an increase of about 11% over October 1922. Shipments for the ten months were close to 119,000,000 barrels or more than was shipped during the entire banner year 1922.

Stocks of cement in manufacturers' hands at the end of October were about 4,600,000 barrels or 450,000 barrels more than a year ago. Consideration of the fact that stocks of cement at the beginning of the year were very much lower than at the beginning of 1922, and the ten months' shipments have been 17,000,000 barrels greater than last year, serves to indicate how successfully the industry has coped with the increased demand. The greatly increased efficiency of the transportation systems has helped materially in making this record possible and recent increases in productive capacity have given the industry a substantially greater output.

WORLD HOUSING CONFERENCE FOR U. S. IN 1924

Official and business co-operation have been promptly manifested in the plan for holding the International Housing Conference in this country in 1924, according to Willard Reed Messenger, who recently returned from attending the Housing Conference in Europe. Mr. Messenger stated:

"I am deeply gratified by the splendid support extended by the business interests of the United States and by the officials at Washington to my proposal to hold an International Housing Conference in the United States in 1924, carrying out the invitation I extended to the delegates while attending the recent international conference in Europe.

"I have just concluded a series of conferences with such men as Lewis Pierson, President of the Merchants Association of New York, Willis Booth, President of the International Chamber of Commerce, Herbert Hoover, Secretary of Commerce, and Julius H. Barnes, president of the Chamber of Commerce of the United States, who are contributing their time and effort to the conference plans.

"It is a good test of the efficiency of organized American business, when an idea, international in scope, embracing a wide variety of interests, can be presented, accepted and voted upon by the nation within the period of a few short weeks.

"A number of cities have requested the privilege of entertaining the Convention with New York apparently in the lead and Philadelphia active.

"It is now planned that the delegates to the convention will extend their visit to include Philadelphia, Washington, Pittsburgh, St. Louis, Chicago, Detroit and Cleveland.

"During my talk with bankers, architects, officials and engineers in the eight different countries I recently visited, the opinion seemed unanimous that September would be the best month for holding the convention.

"My latest cable from leaders abroad indicates that that time would be most convenient. Fortunately the handsome and commodious new home of the Chamber of Commerce of the United States in Washington, with an auditorium seating 1000, will be completed by that date."

HOME BUILDER IS BEST BET ON BANK LOANS

The man who applies to a bank for loan with which to build a home is the safest risk of all.

Such was the opinion voiced to more than 375 members of the San Francisco Chapter of the American Institute of Banking by A. J. Gock, vice president of the Bank of Italy, at a forum meeting of the chapter held in the Colonial ballroom of the Hotel St. Francis, San Francisco.

"It has been my experience that the man who earnestly wishes to borrow our money with which to build himself a home is the best customer we have," Gock said. "We find that no matter how small his payments are designated, the home builder is prompt to pay and is one of the best risks on our books. The man who wants to build a home and must borrow our money to put it over, is everything considered, as good as gold."

LUMBER PRODUCTION SHOWS INCREASE

A further recession in the movement of the country for the week ending November 10 is indicated in reports received by the National Lumber Manufacturers' Association from 393 of the larger commercial sawmills of the country, as compared with revised reports from 388 mills for the preceding week. While there was a decrease of 26,118,672 feet in shipments and 2,991,569 feet in orders, production increased 1,304,173 feet. The 133 reporting mills of the West Coast Lumbermen's Association and the 130 reporting mills of the Southern Pine Association show an increase in unfilled orders on hand from 630,107,439 feet of the preceding week to 633,598,086 feet this week.

For all the mills of the seven reporting associations, shipments were 87 per cent and orders 82 per cent of production. For Southern Pine Association mills these percentages were 90 and 73, and for the West Coast mills 81 and 88. Most of the mills have a normal production for the week, according to which actual production was 108 per cent, shipments 91 per cent and orders 86 per cent.

The following table compares the lumber movement for the three weeks indicated.

	Preceeding week	Past week	1923 (revised
Mills	393	388	
Production	248,556,779	247,252,606	
Shipments	216,613,296	242,731,968	
Orders	203,118,640	206,110,209	

Owing to the incomparability of its current order reports with respect to those of other regional associations, the California White and Sugar Pine mills are no longer carried in the above figures, which accounts for some apparent discrepancies in these statistics when compared with earlier statements.

Reports received this week from seventeen of the California Pine mills, representing 56 per cent of the California pine cut, give their production as 16,296,000, shipments 13,032,000 feet and orders 9,944,000 feet.

Compared with like period of 1922 the lumber movement for the first forty-five weeks of 1923 is as follows:

	Production
1923	10,744,038,184
1922	9,452,777,769
	Shipments
1923	10,667,563,932
1922	9,034,451,794
	Orders
1923	10,119,515,644
1922	9,266,519,442

U. S. POWER PRODUCTION SHOWS INCREASE

Total power output and production of water power and fuel power during September show the usual seasonal changes, according to Geological Survey. Water power generated decreased steadily during the month with the gradual falling off in stream flow, and the resulting deficiency has been supplied by fuel power. Average daily increase of about 30,000,000 kilowatt hours in total production of power during the first four months of 1923 compared with the same months of 1922 has gradually decreased during the last five months and the average daily difference in September approximated 18,000,000 kilowatt hours.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Dealers in electrical appliances and pumps in Yuba county at a meeting in the offices of the Pacific Gas & Electric company in Marysville, Nov. 15, perfected completion of a temporary organization with George Roberts as chairman and H. E. Holdridge, secretary. The purposes of the organization is to bring about a better standard of service to the public in the installation of electrical equipment. C. H. Carter of Sacramento addressed the meeting on the success of such an organization of dealers in Sacramento. Other speakers included W. H. Rademacher of the Edison Lamp Co., E. C. Johnson and H. H. Allison of the P. G. & E. Company. The former is district manager at Marysville and the latter an illumination sales engineer.

It is announced by the Federated Engineering Societies that Arthur P Davis, former director of the United States Reclamation Service, has been retained by the State Department as technical adviser in connection with certain claims against the United States by British citizens which are to be tried before the Pecuniary Claims Arbitration Commission in London, beginning November 6. Davis sailed for England October 23 to assist in the preparation of these cases prior to their consideration.

A Vancouver, B. C., dispatch, quoting one of the leading papers of Osaka, Japan, states that about 16,000,000 koku is the estimated quantity required for restoration work, approximately 5,000,000 of which must come from America A koku is a Japaneses unit of measurement equivalent to 1x1x10. Another dispatch quotes T. Takata as authority for the statement that Japan will do early buying.

Architects throughout the State are to be asked to submit drawings for the proposed $5,000,000 city hall for Los Angeles, according to a resolution passed by the Los Angeles Board of Public Works. Under the plan a committee of five experts would judge the drawings.

Young men working as apprentices in the steel industry at Pittsburgh, Pa., to the number of 65, have begun a four year course of training at the Carnegie Institute of Technology. The employers will pay them their regular wages while they attend school, which is one day a week.

H. R. Palmer, Los Angeles contractor, plans to construct system roads in the vicinity of Coalinga, Fresno County, to transport magnesite deposits in which he is interested. The proposed roads will connect with the Los Gatos Canyon road into Coalinga.

Election will be held in Oakland early in 1924 to vote bonds of $4,500,000 for harbor improvements. Extensive dredging work is contemplated in addition to the construction of a pier 6000 feet long and 900 feet wide.

Burlingame-San Mateo Exchange Club backs movement seeking construction of tunnel under San Moerno mountains to connect San Mateo with Half Moon Bay district. The project is estimated to cost, $750,000.

Investigation by the National-American Wholesale Lumber Association has shown that the recent request of the Japanese Ambassador for bids on lumber, to be restricted to manufacturers, was due to lack of full understanding of methods of lumber distribution in this country rather than to any desire or intention to discriminate against wholesalers or others. This has been made known following a conference between the ambassador and a committee representing the National-American Assurance was given that the ambassador would recommend to his government that in future requests for bids there shall be no restriction against any legitimate distributers.

During the month of November the Los Angeles city building department issued up to and including the 13th, 2428 permits with an estimated valuation of $5,788,175. For the corresponding period in October the number of permits was 2888, and the estimated valuation $8,680,593. Figured on the ratio for the first thirteen days of the month, the total for November would be close to thirteen million dollars. Issuance of a permit for at least one big project before the close of the month is now in prospect. This would add at least a million and a half to the total. November building activities have consisted almost wholly of minor operations, according to word from the southern city.

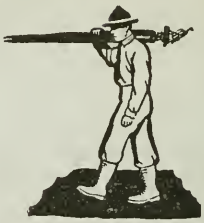
National Steel Fabric Co., has established a dealer sales department at Los Angeles in charge of W. H. Shaffer, Jr., who for 17 years filled a similar position with the Universal Portland Cement Co. It is the principal aim of this department to promote the sales of dealers by resort to every possible means; namely, dealer helps, literature, conventions, expositions, samples, advertising counsel, national advertising, talks with salesmen, calls with salesmen, comparative cost data. Incidentally, the department will function in all matters regarding orders and shipments, with the view of accelerating correspondence and deliveries.

The Disappearing Screen & Shade Co. has leased factory space at Fifteenth avenue and Clement street, Oakland, and will engage in the manufacture of screens for homes, schools, office buildings and other institutions. Officers of the Company are: H. W. Valentine, president and general manager; F. F. Joyce, vice-president; F. P. Beretta, secretary-treasurer, and Edward Kraft, assistant secretary.

The Building Material Men's Association of Fresno held its annual banquet Nov. 15 at the Hughes Hotel, Fresno. C. O. Stone, secretary of the Building Material Dealers Association of Los Angeles, spoke on "What the Association in Doing in Los Angeles." Arthur Perkins spoke on "City Licenses." Fifty dealers comprise the membership of the Fresno Association of which Lawson J. Allen is secretary.

Nevaoa Copper Belt Railroad of Nevada contemplates extension of its lines into Wellington and Yerington, Nevada.

ALONG THE LINE



Colonel Archibold O. Powell, 65, consulting engineer of Seattle, died suddenly at his home in that city, Nov. 18. Colonel Powell was born in Milwaukee, Wis., in 1858, and for many years was with the U. S. Army Engineers, with headquarters at St. Paul, Minn. In 1906 Colonel Powell went to Seattle to prepare the original working drawings for the Lake Washington canal and locks, which were later embodied in the Government's completion of that project.

W. F. Turner has been installed as division engineer of the Sacramento division of the Southern Pacific lines. Turner, who is from Arizona, where he was division engineer of the Tucson division of the Southern Pacific, replaces E. E. Mayo, who is appointed in charge of active construction of the second track of the Southern Pacific over the Sierra Nevada mountains.

State Board of Harbor Commissioners has approved plans for sub-structure of Pier 50 to be located on San Francisco waterfront in China Basin section. Estimated cost is placed at $1,500,000. Pier will be 386 ft. in width and 600 ft. in length with section of adjacent bulkhead wharf 60 ft. wide and 800 ft. long.

Fifty-three miles of paving and 280 miles of new road construction is contemplated by the Washington State Highway Commission during the year 1924, in addition to the construction of several bridges. The cost of the improvements is estimated at $5,300,000.

John S. Chambers, vice-president of the California Immigration and Housing Commission, died suddenly at his home in Sacramento, Nov. 19, striken with apoplexy.

H. G. Butler, San Francisco engineer, has been commissioned by the Stockton city council to make an industrial survey of that city to determine its advantages for the location of industries.

Geo. Potts, city electrician of Modesto has resigned due to the failure of the city council to increase his salary from $200 to $250 per month.

Thos. W. Dupes, city building inspector of Bakersfield for the past six years, has resigned.

EXHIBIT ENDORSED

Directors of the Sacramento Chamber of Commerce, architects and exhibitors attended a luncheon in the exhibit rooms of the Sacramento Builders' Free Exhibit at Sacramento, operated by Miss Geneva Watson. Following a general discussion of building conditions in Sacramento, the official endorsement of the Chamber of Commerce and the architects was voted the exhibit. About forty-five attended the luncheon.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

CALIFORNIA BUILDING CONTINUES LABOR SURPLUS REPORTED

General employment conditions throughout the United States show a small decrease in employment and this is true in California except in the building trades and allied industries it is shown in a report covering October employment issued by the employment service of the United States Department of Labor. This information is based on reports of agents in sixty-five of the larger industrial centers of the country covering a total of 1,428 firms, each usually employing 500 or more men.

In California there is a general surplus of labor, both skilled and unskilled. This is due chiefly to the release of many seasonal workers and an unprecedented number of new arrivals. The building and allied industries, except in a few isolated spots, continues very active, with all trades fully employed. There is some demand for experienced miners.

Activity in iron and steel industry has fallen off with a material decline in in the demand for help. Railroad repair shops also show a slight decrease in numbers employed. Present indications are there will be an abundance of labor during the Winter months.

Feature of the October survey is the fact that unskilled labor is well employed throughout the entire country, which is rather unusual at this time of the year. At no point were there any alarming surpluses or shortages of this class of labor noticed. Continuation of road construction which in some states has been augumented recently, continues to draw heavily upon the available supply of these workers, taking care of large numbers who have been released from seasonal occupations.

The nation-wide building program continues with very few signs of any abatement in activities or falling off in employment and in some of the larger cities considerable difficulty is being experienced in securing sufficient numbers of skilled building tradesmen to take care of the presistent demand.

PLASTERERS OUT AT SEATTLE

The strike of members of the Seattle Plasterers union for a 20 per cent increase in pay is still on, according to union officials. The employing contractors—the Master Plasterers association—has made no offer to pay more than the existing scale of $10 per day. It was stated that the association had offered $11 per day and that the strike had been settled.

Members of the operating plasterers' union left the jobs when the contractors refused to agree to an advance of $2 a day, making the wage $12 a day.

"The strike has not been settled and we have no intention of compromising," said F. S. Wilson, secretary of the Master Plasterers' Association. "A couple of our members withdraw from the association and made their own settlements, but the association had nothing to do with it."

"The strike is settled so far as we are concerned,' said Watson, the plasterers' business agent. "The contracting plasterers who have any work have agreed with our members on a compromise of $11 a day and several of the men are back at work."

SOUTHERN CALIFORNIA ARCHITECTS NOMINATE OFFICERS

Reginald D. Johnson was placed in nomination for president of the Southern California Chapter of the American Institute of Architects for 1924 by the report of the nominating committee which was adopted at the meeting of Nov. 13. Other nominations were as follows: A. M. Edelman, vice-president; D. J. Witmer, secretary; A. C. Zimmerman, treaturer, and D. C. Allison, director.

The meeting was held at San Gabriel Country Club. A number of the Chapter members went out early and played golf during the afternoon. Following the dinner, Myron Hunt addressed the members on the subject of the "Clerical Side of an Architect's Office." Mr. Hunt explained in detail the bookkeeping system and business methods employed in his office.

LUMBERMEN TO MERGE

An important step forward was taken at the recent convention of the Southern California Retail Lumbermen's Association at Long Beach when that organization decided to amalgamate with the California Retail Lumbermen's Association.

The amalgamation will practically double the membership in the state association and is expected to aid considerably in the betterment of merchandising conditions of the lumber trade.

The merging of the two organizations will be a stabilizing factor and will enable the California lumbermen to better promote their interests, says J. Eggleston, secretary of the state association.

BRICKLAYERS RETURN TO JOB

Union bricklayers employed on new school buildings in Portland, Ore., who quit work about a month ago because the school board refused to remove a non-union utility bricklayer, regularly in the board's employ, from work on boilers in the new high school under construction, returned to work Nov. 19.

The work on the boilers had been finished by the man to whom the union objected. Neither the school board nor the bricklayers union made a report of the situation, and it was announced that the walkout would not be mentioned in the records of either organization.

NAPA BUILDERS MEET

At the last meeting of the recently organized Napa County Builders' Exchange with headquarters at Napa, preparations were made to secure a 100 per cent membership throughout the county. At the present time the exchange has secured 95 per cent of the eligibles in Napa, 100 per cent in St. Helena and about 75 per cent in Calistoga.

Officers of the Napa County Builders' Exchange are: E. W. Doughty, President; Wade Shifflet, Vice President; Fred Jaekle, Secretary, and W. H. Young, Treasurer.

BRICK MANUFACTURERS ANNOUNCE SMALL BRICK HOUSE DESIGN CONTEST

To meet the growing demand for artistically designed small brick houses, the California Common Brick Manufacturers' Association has announced a small brick house design competition for which cash prizes totaling $1,000 are offered.

The competition is being conducted under the auspices of the Los Angeles and San Francisco chapters of the American Institute of Architects. Harwood Hewitt, prominent Los Angeles architect, is directing the competition as professional adviser.

Architects and home designers generally without restrictions as to residence are invited to compete. The design must represent houses to cost no more than 7,500 when completed. All entries must be in the hands of the secretary of the California Common Brick Manufacturers' Association, 342 Douglas Bldg., Los Angeles, by December 15th.

YUBA COUNTY BUILDERS HOLD LUNCHEON

Contractors and builders of Marysville and Yuba City were in charge of the Business Boosters Luncheon of the Yuba County Chamber of Commerce held in Marysville, November 19. L. A. Williams, president of the Marysville Builders' Exchange, presided.

Mr. Williams spoke on "A Builders' Exchange," its purposes and its necessity in a growing community. E. A. Hunn, brick manufacturers of Yuba county, addressed the luncheon on material prices and the success of the American Plan throughout the state. He pointed out the rapid development in the building business where the American Plan system of employment is in force. Geo. McDaniel, contractor, selected a topic which met with hearty approval of those present, its title being "Build The Home First, The Other Buildings Will Come." J. R. Robinson, painter, delivered a short address on "Save the Surface and You Save All."

SACRAMENTO A. A. E. SEEKS NEW MEMBERS

In common with the membership of 83 other chapters throughout the United States, the Sacramento Chapter of the American Association of Engineers met at a dinner at the Commercial Hotel in Sacramento, Nov. 19 preparatory to launching a drive for members. The drive is national in character and will continue all week.

Fred Grumm, assistant state engineer, is president of the Sacramento chapter. He presided at the dinner.

Leaders in the drive were chosen some days ago as were the personnel of the several teams selected.

Donald Baker, one of the directors of the national association, and T. E. Stanton, another of the assistant state engineers, spoke at the dinner on the advantages of membership in the association.

Following the more serious talks by engineers, Ellis Purlee entertained with an address on "Humorists of Past and Present."

(Continued on Page 8)

Third Annual Meeting of Advisory Board on Highway Research

(Special Correspondence)

The Advisory Board on Highway Research, Engineering Division of the National Research Council, met in Washington, D. C., November 8-9, 1923. A. N. Johnson, Chairman of the Executive Committee, presided.

Thomas H. Macdonald, Chief, U. S. Bureau of Public Roads, in an address "Objectives of Highway Research," emphasized the thought that the engineer, besides a day's work faithfully done, must also engage in research work if he would advance his profession and himself.

Charles M. Upham, State Highway Engineer of North Carolina, in an illustrated talk, "Research Program of North Carolina Highway Commission," stressed the need of practical highway research and its translation into road service for the highway user.

The chairmen of the various research committees reported results and progress obtained in the past year and outlined a program of research for the coming year. A brief digest of the committee reports, containing information of practical value, follows:

Highway engineering and transportation, or the construction and operation of the highway, is not a theoretical or academic subject, but a vital part of our economic and social life. We are spending each year in this country a billion dollars for road construction, while the demand for more high type road is insistent and growing. The investment in motor vehicles in round figures is 10 billion dollars, and the annual operating cost of these vehicles is some six or eight billion dollars more. With an investment and annual expenditure of this magnitude can anyone doubt the need of a practical study of the economics of highway construction and operation? This is the field of highway research.

Committee on Structural Design of Highways

Chairman, A. T. Goldbeck, U. S. Bureau Of Public Roads

1. Subgrade

A layer of sand, cinders, broken stone, or other porous material will prevent capillary moisture from arising to the overlaying road surface. Tile drains are inefficient in removing capillary moisture.

Results of tensile, shear, and compression strength tests on various soils are given in detail in the report.

A "Field Test for Moisture Equivalent" described in detail in the report gives a tentative criterion for classifying soils as to their suitability for use as a subgrade.

The addition of 5 per cent of hydrated lime or Portland cement to a soil materially reduces the expansion and contraction of the soil. The mixture of sand with the soil has a similar effect.

Heat treatment of the soil requires a temperature of 600°C. to affect a physical change in the soil. At this temperature the clay content is reduced and the sand content increased, resulting in a reduction of the expansion and contraction of the soil.

Drainage ditches are effective only in removing water in excess of the capillary moisture.

There is every evidence to show that temperature has a very marked influence on the water capacity of soils. The colder the soils, the greater the capacity for holding moisture.

Some materials, such as many types of clays, take up considerable quantities of moisture when it is available and expand in volume, while other materials like sand, gravel, crushed slag, etc., take up only enough moisture to coat the surfaces of the particles and show little expansion.

When macadam or broken stone bases are used over a heavy clay subgrade it often happens that the clay is forced up through the voids in the stone and renders the broken stone layer much less resistant to loads. A light blanket of sand or similar material interposed between the subgrade and the broken stone is effective in preventing the clay from working up through the overlying stone layer.

The soil itself does not expand on freezing, but the expansion occurs in the moisture alone.

2. Sand-Clay, Top Soil and Semi-Gravel Roads

For successful roads, there is required:

(a) Graded mixtures capable of making a dense mass on consolidation. The best mixes run as low as 20 per cent porosity.

(b) Uniformity of composition secured by thorough mixing.

(c) Heavy compacting from the bottom upward. This is usually done by traffic. There is need for a type of multiple rim roller to hasten and unify the degree of compactness imparted to these roads during construction.

(d) The mixtures must have a liberal amount of coarse material above No. 60 sieve.

(e) Depth of compacted surface should be 10-12". Crown of ¼" per foot is sufficient.

3. Forces on Pavements Resulting From Traffic

Preliminary tests of the Bureau of Public Roads indicate that when driving over a typical concrete road at high speed with a fully loaded 2-ton truck, we may expect impact values of approximately 20,000 pounds, or over five times the static load on one rear wheel. With a fully loaded 5-ton truck at high speed, we may expect forces of 35,000 pounds to 40,000 pounds, or over four times the static load on one rear wheel. If a downward movement of the loaded truck body occurs at the same instant as an impact, the two forces are of course additive, and the result may be double the impact. Therefore, under certain bad surface conditions a total force of 40,000 to 60,000 pounds may be obtained at each rear truck wheel.

The semi-monolithic brick pavements showed less resistance to impact than the monolithic brick pavements with same depth of concrete base (Bates Road). The monolithic brick pavements showed about 18 per cent less resistance to impact than the plain concrete slab of equal depth. These results obtained by the Bureau of Public Roads on slabs 7 feet square.

The observed deflections of concrete pavements are very nearly directly proportional to the load (Pittsburg Test Road).

The resistance to structural failure of plain concrete pavement slabs of uniform thickness and laid on a uniform subgrade, when subjected to highway traffic loads, is in proportion to the square of the thickness of the slab (Bates Road Test).

Structural failure normally first appears at corners caused by open cracks or joints. The edges of ordinary pavement slabs should be strengthened so that the corners and the edge of the pavement may have approximately the same resistance to structural failure as the interior portion of slab.

The endurance limit of concrete when subjected to repeated tensile stresses may safely be taken as not less than 50 per cent of the modulus of rupture of the material (Bates Road Test).

Committee on Character and Use of Road Materials

Chairman, H. S. Mattimore, Pennsylvania Highway Commission

The strength of Portland Cement concrete varies with the amount of actual solid material present in a given volume, and with the relative parts of this volume that are cement and aggregate.

Other conditions being the same the strength of concrete varies with the amount of mixing water. Grading of the aggregate has a decided effect upon the amount of water that may be used to yield a workable mixture. This emphasizes the benefit of using well graded aggregates.

There is need for research to develop methods of making more uniform concrete upon a large scale in practice in order to apply the information already available on the design of concrete mixtures.

Outline of tentative program of research in bituminous mixtures.

Committee on Highway Finance

Chairman, J. G. McKay, U. S. Bureau of Public Roads

A budget system as a definite part of the highway program is essential. Under the budget system a fixed amount of highway revenue is necessary for the construction of a relatively fixed amount of new mileage each year, the balance of the revenue being used for maintenance, reconstruction and betterments.

Any plan of state or county highway financing should conform as closely as local conditions permit to the fundamental rules which govern the raising of public revenue. (1) An equitable distribution of the burden between the contributing sources according to the benefit derived from the improvement and the differences in the ability to pay for the improvement. (2) Provide a definite amount of highway revenue yearly. This implies the highway budget system.

It should be emphasized that the use of credit does not solve the problem of distributing the highway costs between the general sources of revenue. The same sources of revenue which finance highway improvements when credit is not used must also provide the revenue to meet highway bonds when funds are borrowed.

The larger the amount of permanent highway investment in existence in a state the less the real need for the use of credit in financing the improve-

ments. A second factor in determining whether to use present sources of revenue or make use of credit depends upon the wealth of a state and the ability to produce highway revenue from this wealth without unduly burdening it.

The problem of highway finance resolves itself largely into the question of a just distribution between the burden on land or real property and the burden on the highway user.

Real property taxation for highway purposes bears too large a portion of the burden of highway expenditures producing, in a survey of four Wisconsin counties, from 55% to 70% of the total highway revenue. The major portion of the burden on real property is due to local and county taxation of real property for highway purposes. In the four Wisconsin counties the local units produce 47.49%; county units 41.81; and the state 10.70% of the real property revenue for highway expenditure.

The highway user whose demand for highway service is largely responsible for highway improvements should assume a larger part of the burden in the form of motor vehicle tax and gasoline tax.

Committee on Economic Theory of Highway Improvement

Chairman, T. R. Agg, Iowa State College

The following projects have been completed and results published or are in process of publication:

"Truck Performance on Grades" (Michigan Highway Commission and University of Michigan).

"Rolling Resistance and Related Characteristics of Roadway Surfaces" (Bureau of Public Roads, Iowa Highway Commission, Iowa Engineering Experiment Station).

"Economics of Highway Grades" (Iowa Engineering Experiment Station and Iowa State Highway Commission).

"Quartermaster Tractive Resistance of Roads Research."

Committee on Highway Traffic Analysis

Chairman, G. E. Hamlin, Connecticut Highway Commission

A traffic census will give information pertaining only to the traffic using the highway at the time the census is taken. A highway transport survey is to determine the portable amount and character of the future traffic which will use a given highway during the lives of its several component parts. No state has extensively taken up the highway transport survey.

After an extended highway traffic census, it is recommended that additional counts be taken at critical periods of the year in succeeding years from which, after a number of counts have been taken, curves of natural increase can be plotted from which can be roughly determined an estimate of increased traffic for a reasonable period of years. This estimate should also include the curve of increase of motor vehicle registration which can be determined at the present time in every state.

The value of an extended traffic survey in determining the allocation of construction and maintenance funds in the development of a highway system is unquestioned. Such traffic survey, however, should be utilized for type and strength of surface, rather than for location of expenditures inasmuch as the development of new territory within a state is as much a demand upon the expenditure of highway funds as the taking care of traffic already developed.

The personnel requires a certain amount of special training although courtesy has been found to be the largest asset. A special sign at the census station giving the reason for the questioning is the greatest factor in reducing the time required to pass a car or truck through the station.

An outline of traffic survey methods and cost in Connecticut is given.

A self recording traffic counting and weighing devise, to operate at minimum cost, is being developed.

A traffic census must include enough detail and be taken over an extended period of time so as to determine the seasonal traffic which varies greatly in certain parts of the country and which is a maintenance rather than a construction problem. The construction type must be based on the heaviest travel rather than on average or seasonal travel. A determination should also include the effect of slow moving vehicles upon the general situation and the consideration of the possibility of legislation which will remove such vehicles to secondary roads during high peaks of traffic to avoid congestion.

Committee on Maintenance of Roads

Chairman, W. H. Root, Iowa Highway Commission

Corrugations form in all gravel roads when the traffic becomes excessive, probably 500 or 600 vehicles per day. Their formation is in no way dependent upon construction or maintenance methods. Corrugations are most apt to occur on flat grades. They are caused by displacement of the material due to the spin of the drive wheels, and by impact of the wheels both front and rear after a bounce. Dragging with heavy equipment after a rain is a temporary corrective.

Use of calcium chloride and refined tar in dust prevention and surface treatment of gravel roads outlined.

Maintenance of gravel road surfaces with a mulch treatment of gravel is giving good results on light traffic roads. The treatment consists of keeping a light application of loose, clean gravel, up to ¾" size, on the surface of the road.

A light color of the filler used for joints and cracks in concrete pavement is no longer considered essential. Experiments are being conducted with various grades of tar and asphalt for fillers.

Every state should adopt a distinctive symbol for its route markers.

Warning signs should be uniform in all states and should not be used except where necessity is obvious. Shape, color, size and location recommended in report.

All advertising signs should be forbidden on the highway right-of-way.

Expenditures by the states, through their maintenance organizations, shall be classified in their annual reports for purposes of uniformity and comparison, as follows: (1) maintenance administration; (2) maintenance proper; (3) additions and betterments; (4) parks, camping grounds, and roadside beautification.

The last three classifications shall be charged to a specific section of road.

Additions and betterments shall include expenditures for the increased permanent value of the road to accommodate traffic. This will include the cost of: (1) increased width of surface of roadbed; (2) increased depth of wearing surface over any previous maximum depth; (3) new guard rails; (4) new walls; (5) new drainage structures and water courses; (6) New subdrains; (7) improving grades, alignment, and vision.

Maintenance costs should be reduced to a ton-mile unit for comparison between states and between types of road surfaces.

The U. S. Bureau of Standards gave progress reports on "Research on Tires" and "Tests of Braking and Stopping Conditions of Motor Vehicles", Dr. H. M. Westergaard, University of Illinois, discussed "Mechanics of Stiff Road Slabs". These and other papers and the discussion will be published in the Proceedings.

Dean Anson Marston, of the American Association of Land Grant Colleges, was unable to attend the meeting. In a paper, read for him, he pledged the continued co-operation of the land grant colleges and engineering experiment stations of the United States.

An extract from the report of Director W. K. Hatt follows:

"In the three years much progress has been made in quickening the will to research, in mobilizing the energies of research agencies and in assembling the data necessary for judgment upon questions of highway planning, construction and operation.

"It may be said with a large degree of confidence that at present a well trained and experienced highway engineer, in possession of available data, can select a type of highway suitable to the conditions of climate and traffic of a given situation, can specify the materials and design the section with a reasonable certainty that it will withstand the specified conditions of service.

"It is true that the communication of these data to engineers in general has not kept pace with the accumulation of the data nor has a working organization for the process of analyzing the data and translating the discovered principles for the use of engineers been adequately provided. The Advisory Board has published bulletins of information on existing research projects, on apparatus for research and the Director has written many occasional papers. Its Research Committees have summarized progress. Much remains to be done, however, in unlocking the stored up data in the files of the state highway commission which are now such active agencies in highway research."

The executive committee selected for the ensuing year is as follows: A. N. Johnson, chairman; A. F. Flinn, vice-chairman; W. K. Hatt, director; H. C. Dickinson, T. R. Agg, T. H. MacDonald, C. M. Upham, A. J. Brosseau.

TERMINAL ASSOCIATION TO BE ORGANIZED

Manufacturers of Emeryville, West Berkeley and Albany have joined in a definite move for the establishment of a $500,000 shipping terminal at the foot of Ashby avenue in Berkeley and general development of the northwest waterfront.

Plans for a bond issue to finance the terminal are already under way, and the federal government has promised to dredge a channel from deep water to the terminal when sufficient tonnage is assured.

The terminal project will consist of construction of a gigantic pier running out into the bay at Ashby Avenue, roughly parallel to the north Oakland pier of the San Francisco-Oakland terminal railways company, and adequate warehouse and loading facilities.

The new organization, which was formed to bring about the building of the terminal and to encourage new industries in East Bay locations, consists mainly of manufacturers.

A. McKenzie of Emeryville, is chairman of the new industries committee. William J. Wallace of Oakland, was elected executive secretary; George Posey, Alameda county engineer, was made directing engineer, and R. S. Hawley, Emeryville civil engineer, is consulting engineer.

TRADE NOTES

John Laing, West Virginia coal and oil operator, succeeds R. L. Hutchinson as head of the Hutchinson Lumber Company which has extensive operations in Butte County. At the same time it was announced that the stockholders had authorized the issue of $1,000,000 in bonds, all of which were purchased by officials of the company. Change in the leadership of the huge corporation involves a deal of gigantic proportions. As a result of the change and increase of finances, lumbering operations in Butte County will be greatly enlarged. A. H. Land, who has been managing operations of the company in California for some time, was elected vice president of the company under the new regime.

A certified copy of the articles of incorporation of the Guadalupe Portland Cement Co., has been filed at San Jose. The articles set forth that the corporation is formed for the purpose of producing and marketing lime and cement and acquiring and dealing in land and real estate. The firm is capitalized at $3,000,000. Directors are Robert Dunlap, Leo J. Pope, Luis De Amechazurra, Esben Broe and Frederick G. Cartwright. The principal place of business is San Francisco. It is understood that the company plans development of a tract of land bearing cement rock near Guadalupe mines, 12 miles southwest of San Jose.

The Service Rock Co., a concern which has leased 600 acres of gravel and sand on the San Joaquin river near El Prado, will break ground for its structures within ten days, according to H. W. Jones, general manager. The company contemplates the expenditure of $300,000 in buildings and development of its gravel beds. As a by-product, the company will turn out gold from it operations. Analysis of the soil is said to have shown gold in sufficient quantities to make it worth while taking out the metal as a part of the regular production program. Engineers are on the site completing final arrangements for starting work.

W. B. Bastian Manufacturing Co., of Los Angeles, W. B. Bastian, president, announces he will erect a plant in Oakland for the manufacture of water heaters. Two sites are being considered, one in Emeryville and another in East Oakland. The turnout of the Oakland plant will be handled by a separate selling concern, the Gas Appliance Sales Company of Oakland of which John H. Eustice, former Oakland plumbing inspector, is president. The Los Angeles plant of the Bastian Company has a capacity of 2500 heaters a month.

The Sonoma Gravel Company has been incorporated at Santa Rosa with a capital stock of $30,000 divided into shares of $300 each. Company proposes to carry on a general sand, gravel and building material supply business. Directors are: H. H. Elliot, Santa Rosa; W. B. Coombs, Albion, and W. P. McFaul, San Francisco.

L. B. Menefee Lumber Company of Portland, Ore., is opening an office in Los Angeles. George B. Maxwell will be in charge and George Wilkinson will be associated with him.

Merced Paint & Wall Paper Co. has opened new quarters at 45 Eighteenth street, Merced.

Completing Plans For National Rivers and Harbors Congress

Many notable programs have been presented in the Eighteen Conventions which have been held by the National Rivers and Harbors Congress since its organization in Baltimore in 1901. Work on the program for the Nineteenth Convention, which is to be held in Washington on the Fifth and Sixth December, is not entirely completed, but it is already certain that the high standard set in previous conventions will be fully maintained.

There are under improvement by the Army Engineers 192 harbors, 294 rivers, (many of which are used only as harbors) and 83 canals and other waterways. Of course not one in a score of these can be placed upon the program at any one Conventon, but the selections are made with the purpose of representing all parts of the country.. In addition, there are always addresses and discussions on important questions relating to waterways and transportation. The following are on the program for the December Convention:

"The Cape Cod Canal," (speaker to be announced); "The Port of Los Angeles," Hon. John D. Fredericks, M. C.; "The Port of Hampton Roads," Mayor Albert H. Roper, Norfolk, Va.; "The Intercoastal Waterway," C. S. E. Holland, president Intercoastal Canal Association, Houston, Texas; "Pittsburgh's Three Rivers and and their Connection with Lake Erie," W. H. Stevenson, Pittsburgh, Pa. Other speakers, to be announced later, will make brief addresses regarding the various routes proposed for a canal connecting Lake Erie and the Ohio River.

Senator Ransdell, of Louisiana, will speak on "The Panama Canal"; Representative W. J. Driver, of Arkansas, on "Levees and Navigation"; Edward B. Lyman, of Passaic, N. J., Director Passaic River Improvement Association, on "Shallow Water Assets"; and Mrs. Louis N. Geldert, of Washington, President League of American Pen Women, will submit an interesting and practical suggestion for "Making Our Rivers Known."

Representative C. A. Newton, of Missouri, will speak on "Coordination of Rail and Water Transportation," the importance of which is recognized by practically all students of the subject, but H. B. Cummins, Assistant Traffie Manager of the Galveston Commercial Association, will present "Galveston's Views on Coordination of Rail and Water Routes"—which differ quite widely from those held by the managers of the Government-owned Mississippi-Warrior Barge Line. It is expected that both railways and motor trucks will be represented by prominent speakers whose names will be announced later.

A most interesting feature will he a discussion on the "Diversion of Water through the Chicago Sanitary Canal" and its effect upon the levels of the Great Lakes. Addresses in opposition to the diversion will be made by William George Bruce, President of the Milwaukee Harbor Commission and of the recently formed Great Lakes Harbor Association, and by a Canadian speaker who will be announced later. Two well known engineers will be heard in defense of the diversion, Gardner S. Williams, of Ann Arbor, Mich., and Robert Isham Randolph, of Chicago. Mr. Randolph's address will be illustrated with moving pictures and animated cartoons.

Among the speakers at the banquet will be Mr. Masanao Hanihara, the Japanese Ambassador, Mrs. Maud Wood Park, President National League of Women Voters, and Senator Fletcher of Florida, who will preside as toastmaster.

LOS ANGELES RIVER BED TO BECOME BUILDING AREA

A plan to convert the bed of the Los Angeles River, running through the city, into an immense industrial district, by building a storm drain through the river bed, is proposed by City Engineer Griffin. The river usually is dry in Summer, but becomes an imposing stream during the Winter.

Griffin suggests that the declaimed land, 300 feet deep and approximately five miles in length, which is owned by the city, could be sold at a profit of more than $5,000,000, or could be made an annual revenue producer under lease arrangements. Preliminary surveys already are being carried out, Griffin said.

PROTECT TIMBER IS AIM

At a meeting recently held in Los Angeles, attended by city, state, county and federal fire officials, representatives of several chambers of commerce and numerous civic and philanthropic organizations interested in the preservation and reforestation of Southern California forests, it was decided to make a permanent organization to protect and cultivate southland forest acreage. H. S. Bissell, president of the Los Angeles County Farm Bureau, was elected president, and J. D. Maxfield, manager of the safety department of the Los Angeles Chamber of Commerce, was elected secretary.

WATER SOFTENER DISPUTE IS SETTLED

As a result of the suit recently brought in the Federal Court in New York City by The Permutit Co. against the Paige & Jones Chemical Co., for infringement of the former company's patent covering Zeolite water softening apparatus, Judge Leonard Hand granted an injunction against the latter company restraining it from further manufacturing or selling the infringing apparatus. This patent had previously been sustained by the District Court at Buffalo and the Circuit Court of Appeals, New York.

Humboldt Floor Surfacing Co., hardwood floor dealers, have opened a San Francisco office in Room 724 Phelan Bldg. The Oakland office is located at 7301 Foothill Blvd.

ORGANIZATION NEWS

(Continued from Page 5)

MASTER PAINTERS TO BANQUET

The 23rd annual banquet and installation of officers of the Master Painters' Association of San Francisco will be held at the Palace Hotel, San Francisco, December 22nd, according to Frank La Torres, secretary of the association.

Prominent speakers will be heard including Max Kuhl of the San Francisco Industrial Associatian, Wm. H. George, president of the San Francisco Builders' Exchange and Chas. Gompertz.

PUBLICATIONS

The question of how to proportion the ingredients in designing concrete mixtures is an important one. How much cement, how much sand, how much gravel or broken stone, and how much water must be used to secure a specified workability with the particular materials that are to be used? Many views have been put forth concerning the factors which govern the strength of concrete, and quite divergent opinions have been advanced, all of which have resulted in considerable confusion in the minds of engineers as to what constitutes the real influences in the makeup of concrete and as to proper ways for specifying the quality of the aggregates and for proportioning the mixtures. Bulletin No. 137, just issued by the Engineering Experiment Station of the University of Illinois, enunciates relations between the compressive strength of the concrete and and amount of the cement and voids contained therein. It develops methods for studying the concrete-making properties of fine and coarse aggregates and for the comparison and acceptance of aggregates. It outlines means for designing concrete mixtures for different densities and strengths when the voids in mortars made up with a given cement and fine aggregate have been determined by laboratory tests. Means are suggested for estimating the effect upon the strength and density of concrete that accompanies an increase in the amount of mixing water beyond that which would give minimum volume to the concrete. Analytical relations are developed and the technique for the proposed tests are described. The results of tests of mortars and concretes made up with a variety of fine aggregates are recorded and the accuracy and applicability of the methods discussed. The test data covers a considerable range—a variety of aggregates, different proportions of cement, and different amounts of mixing water—and the significance of the results is discussed. The application of the methods and principles deduced to design, specifications, and field use is considered. Copies of Bulletin No. 137 may be obtained without charge by addressing the Engineering Experiment Station, Urbana, Illinois.

The Portland Cement Association, 111 W. Washington street, Chicago, has issued an attractive manual of concrete masonry construction covering concrete blocks and tile, characteristics of concrete masonry walls, fire-resistive roof coverings, and concrete block as a base for stucco. A second booklet illustrates the placing of concrete in cold weather, emphasizing the economy of winter work. Either publication should prove a valuable addition to the contractor's files.

The Department of Commerce, Bureau of the Census, has published some interesting statistics regarding the lumber industry. Figures are given on production of lumber, on quantitiy and percentage of distribution of the cut by groups of states for specified years, and on imports and exports. The pamphlet may be secured for 10 cents from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Demurrers in Stockton City Hall Case Are Overruled

Demurrers filed by J. Le Roy Johnson, City Attorney of Stockton, in the actions of Howard S. Williams, San Francisco contractor and Edward L. Gnekow, Stockton contractor, who seek to secure a mandamus order requiring Mayor Wheeler of Stockton to sign contracts for the proposed city hall, have been overruled by Judge George E. Buck of the Superior Court. The city of Stockton was given ten days in which to answer.

Attorneys A. L. Levinsky and Gilbert L. Jones of Stockton and William P. Hubbard of San Francisco represented the contractors.

The old city council under the regime of former Mayor D. P. Eicke awarded Edward L Gnekow the contract for the electrical, plumbing, heating and ventilation work on the city hall and Howard S. Williams was awarded the contract for the building. Mayor Eicke failed to sign the contracts. The new city council, which is the present one, rescinded the action of the old council because the city did not have the money to pay for the work contracted for. The actions of the contractors seek to validate the action of the old city council. The contractors also ask damages for certain material contracts entered into and for money paid as bonds for the proper performance of the work.

When the city voted bonds the propositions included were for a city hall, a civic auditorium and a jail. The two contracts awarded by the old council call for the expenditure of more than $60,000 in excess of the money available.

Should the ultimate decision, which may be from the supreme court, require Mayor Raymond H. Wheeler to sign the contract, the city council will be confronted with entering into a contract for work not authorized by the people at the polls and for which there is not sufficient money to pay. Another action in court would follow to seek escape from such a situation.

THE BUILDING SITUATION

What is the building situation today? Is it back on a normal basis? Have we caught up with the great shortage which resulted from the cessation of practically all building construction during the war period? What is the outlook for building during 1924? These were the questions asked by Building Age of 1500 Chamber of Commerce throughout the United States. Reports from 441 such organizations showed the tremendous shortage of more than $7,000,000,000 worth of construction still existing. Compiled figures are given below:

Cities, towns and rural under 25,000 population—

Type of bldg.	Number	Value
Residences	519,110	$2,631,617,000
Apartments	14,069	545,777,000
Schools	2,739	349,222,000
Hospitals	1,319	125,073,000
Theaters	1,305	76,081,000
Hotels	2,944	368,691,000
Store bldgs.	11,012	191,608,000
Office bldgs.	1,000	143,900,000
Factories	2,791	156,296,000
Public bldgs., garages, banks, miscel..	4,568	281,435,000
Totals	560,857	$4,869,700,000

Two hundred and eighty-seven cities of more than 25,000 population—

Type of bldg.	Number	Value
Residences	150,523	$1,034,162,000
Apartments	15,376	1,174,742,000
Schools	343	78,890,000
Hospitals	92	18,400,000
Theaters	254	36,576,000
Hotels	174	54,810,000
Store bldgs.....	1,310	36,025,000
Office bldgs.....	627	175,560,000
Factories	2,102	157,650,000
Public bldgs., garages, banks, miscel..	7,355	210,790,000
Totals	188,077	$2,977,605,000

HUGE TIMBER DEAL IS CLOSED AT PORTLAND

One of the biggest purchases of timber in recent months was completed when the Murphy Timber Company, Yeon Bldg., Portland, Ore., purchased 350,000,000 feet of red fir timber from the Clarke County Timber Company, the amount of money involved being approximately $1,500,000.

The tract of land, more than 7000 acres in extent, is at Yacolt, Wash. The company intends to log part of the timber to the Columbia river, dumping the logs at Vancouver or Felida, Wash. The remainder will be handled by the company's mill at Yacolt.

AMERICAN GRAPHITES FOR CRUCIBLES

As the result of a series of tests made by the Department of the Interior, through the Bureau of Mines, it has been demonstrated that American bond clays and Alabama graphite can be used to make a superior brass-melting crucible. Tests showed that crucibles made of these materials gave a service at least equal to the commercial crucibles of the same class which have been sold on the open market, and which are made largely from imported materials. Ceylon graphite, which has heretofore been considered by many manufacturers to be best for crucible work, proved to be third in order of efficiency. Canadian graphite, which had been recommended very highly because of its structure, was last in order of merit. During the war, when crucible manufacturers were required to use 20 per cent of domestic graphite, the majority of manufacturers used the Canadian graphite in preference to Alabama graphite because it was composed of larger flakes. In all, seven graphites were tested by the Bureau of Mines, comprising material from Alabama, Madagascar, Ceylon, New York, Texas, Montana and Canada.

Previous investigations of the Bureau of Mines demonstrated that two American clays, Missouri pot clay and Illinois kaolin, gave better results as bond clays for graphite crucibles than the Klingenberg (German) clay or the Dorset (English) ball clay.

Details of these tests are given in Serial 2542, "Graphites for brass-melting crucibles," by R. T. Stull and L. E. Geyer, which may be obtained from the Department of the Interior, Bureau of Mines, Washington, D. C.

W. H. WEEKS, SAN FRANCISCO ARCHITECT, HONORED

A signal honor is paid to W. H. Weeks, San Francisco school architect, is having the November issue of the American School Board Journal dedicated to his recent achievement in California school architecture. A very complimentary article by the editor, describing these California schools accompanies the illustrations, which are some thirty in number. The front cover contains a beautiful colored view of the Piedmont High School.

C. W. DICKEY, OAKLAND ARCHITECT, WILL REOPEN PROBE

Institution of a vigorous fight to clear from his name all vestige of stain which might arise from the action of the Board of Education in dismissing him, is announced by C. W. Dickey, architect, who declared that no effort would be spared to sift the charges made against him by the Alameda county grand jury, to the bottom.

Dickey characterized the action of the Board of Education in dismissing him, as "politics," but asserted that he was anxious to clear himself in the eyes of the public.

Dickey was charged by the grand jury with complicity in the substitution of inferior materials in several Oakland school buildings, just completed, and was dismissed after the majority of the board, led by Commissioner W. J. Moore, had denounced the "substitution of the dirty dollar for the safety of the children."

"I have already started an investigation of those schools said to be faulty, to be made by several of the highest experts," said Dickey. "This investigation will be made independently of any conducted by the Board of Education. I intend to seek the cooperation of an organization of recognized high standing which will conduct a probe of the whole situation. I expect in a few hours to be able to announce the name of that organization."

FIRE PREVENTION LAW IS DISCUSSED BY LUMBERMEN

The United States Forest Service, the State Board of Forestry and lumbering and logging interests of the state were represented at a conference held November 13 in Sacramento to discuss regulations for the enforcement of a new fire-prevention law, passed at the last session of the legislature.

The law prescribes the precautionary methods to be taken in equipping donkey engines operating in wooded areas, extent of clearings to be made around engines and similar provisions.

The meeting was held at the office of State Forester M. B. Pratt and was attended by the following:

T. D. Woodbury, E. I. Kotok and Raymond Orr, representing the United States forest service; George Oliver, Thomas Oliver and Richard Colgan of Butte County, representing lumbering interests; Swift Berry, secretary of the California Forest Protective Association; C. Stowell Smith, secretary of the California Sugar and White Pine Association; and Pratt, W. B. Rider and O. E. Fowler, representing the board of forestry.

WATER COOLER PATENT IS GRANTED MADERA MAN

Jos. P. Kramer, Madera, Calif., has been issued a U. S. patent for a water cooler. The cooler is formed by porous material and comprises a hollow body in the bottom of which is provided a water chamber with a pluarlity of spaced water tubes or containers extending vertically from the top of the water chamber. Water is admitted into the top of these tubes and flows or percolates down into the water chamber and may be drawn out through a faucet as needed. The body is mounted upon a base in which is provided a basin to catch the waste water and the whole is surrounded by a frame with openings in opposite ends for the passage of a current of air for cooling the water.

Other inventors in the San Joaquin valley who have received patents are: Edwin O. Bennett, Bakersfield, pumping power for wells and Walter T. Farrall, Stockton, combined door check and burglar alarm.

Motor Vehicle Should Pay Highway Maintenance Costs

What part of the burden of taxation for highways should be borne by the motor vehicle to place it on an equality with the steam and electric railways is one of the questions for which an answer is provided in the report of the Joint Subcommittee on the Taxation of Transportation Agencies submitted to the President of the Chamber of Commerce of the United States, Julius H Barnes.

Recognizing the motor vehicle as "an essential addition to the transportation agencies required in our modern economic life," the subcommittee lays down the principle that it should pay the cost of maintaining the improved highways it uses in as good condition as when they were built. At the same time the subcommittee points out that motor vehicle owners pay in the form of a wide variety of taxes,—federal excise taxes, personal property taxes, income taxes and taxes on garages and other facilities,—large sums which do not appear as seggregated items.

The subcommittee on taxation was appointed to supplement the work of the five special committees which, under the auspices of the National Chamber, have been at work for the greater part of the year laying the groundwork of a national policy of transportation development to be discussed at a general conference to be held in December. Its members are George A. Post, President of the George A. Post Company, of New York; chairman; A. J. Broussenu, President, Mack Trucks, Inc., New York; Roy D. Chapin, Chairman of the Board of the Hudson Motor Car Company; W. R. Cole, President of the Nashville Chattanooga and St. Louis Railway; Gerrit Fort, Vice President of the Boston and Maine Railroad, Philip H. Gadsden, Vice President of the United Gas Improvement Company, Philadelphia; W. H. Maltbie, chairman of the Committee on Special Taxes, American Electric Railway Association.

After a study of the problem of taxation from the composite viewpoint of the steam and electric railways and the motor industry the subcommittee announces the following conclusions:

"1. Each form of transportation should bear its fair share of the burden of public expenditure.

"2. Taxation of common-carrier transportation agencies should be simplified as far as possible.

"3. Taxes on regulated common carriers operated for hire should bear a definite relation to gross and net earnings rather than to invested capital.

"4. This requirement can best be met in the case of steam and electric rail common carriers by the imposition of a gross-net tax in lieu of the present levies. Pending full regulation of the motor common carrier, such increases should be made in taxes now levied against it as will bring them an amount equitably proportionate to that which may be assessed against the other carriers.

"5. The entire cost of maintaining the improved highways of the country should be borne from special taxes levied against the road user. Such taxes should be used for no other purposes.

"6. Co-ordination of highway construction and maintenance under centralized administrative agencies is urged to eliminate waste and secure efficiency."

No attempt is made by the sub-committee to determine whether transportation is paying more or less than its fair share of the operating expenses of government. It confines its recommendations to the basis of taxation to be applied properly to rail and highway transportation.

Attention is called in the report to the enormous increase in taxation paid by transportation agencies in the last ten years,—in 1921 more than eight per cent of the nation's tax bill of approximately $9,000,000,000. The steam railroads which, in 1913, paid $127,725,809 in taxes and $322,300,406 in dividends, in 1921 paid $275,128,134 in taxes and $298,511,328 in dividends. While taxes have gone up dividends have gone down. In 1920 and 1922 the taxes exceeded the dividends.

"In addition to the taxes levied against steam railroads in 1921, amounting to $277,154,940," the report continues, "the roads expended $756,413,691 in the same year for maintenance of way and structures, charging the sum to operating account.

"Electric railways paid $92,033,000 in taxes and imposes in 1921. In addition they paid approximately $101,000,000 for maintenances of way and structures, charging the sum to operating account.

"Motor vehicle owners, as one element in highway transport, paid in 1921 on the vehicles $75,000,000 in personal property taxes, $115,500,000 in special Federal excise taxes, $147,000,000 in special taxes applied directly to the construction and maintenance of public highways, and in addition large sums in various municipal taxes, corporation and business income taxes and other property taxes for which no figures are available. Among these latter are included the taxes on garages and other facilities for 13,000,000 motor vehicles."

The subcommittee finds that out of a $653,844,823 tax charge for public highways in 1921, $183,000,000 was paid directly by the motor vehicle and the balance for general and miscellaneous taxation, to which the motor vehicle contributed largely.

"In the case of the steam and electric railways," the report continues "the investment in roadway is a capital account, and returns on this investment are paid out of income, but on the other hand the steam and electric railways have certain franchise rights in the use of their roadway. By paying the cost of maintenance of the highways which it uses, the motor vehicle puts itself on an equility as to maintenance with the steam and electric railways, which pay for the maintenance of their own way and structures through direct charges to operation instead of by taxational.

"Your Committee would not perform its full duty did it not recommend that all possible influence should be brought to bear to eliminate wasteful, extravagant or unnecessary expenditure from the highway program, which should always be subject to centralized, co-ordinated administration."

SOUTHERN PINE EXHIBIT

An exhibit of the Southern Pine Association, including miniatures of model homes, displays of interior trim, and panels of Southern pine flooring, ceiling, and siding has attracted much attention. This exhibit has been on display at the Missouri, the Ohio, and the Illinois state fairs, and approximately 800,000 persons are estimated to have viewed it.

COMPOSITION FLOOR AND STUCCO TESTS REPORTED

Comparatively very few people, who walk on oxy-chloride cement floors, or who live in houses having exterior walls of oxy-chloride cement stucco, are familiar with these materials. In fact, very often the architect or builder knows oxy-chloride cement products only in connection with trade names. The rapidly increasing demand for these materials is significant of certain desirable peculiarities, and has made it necessary to replace haphazard or "rule of thumb" methods, in the manufacture and use of this cement, with more scientific methods based on the study of numerous tests.

The U. S. Bureau of Standards of the Department of Commerce is assisting in obtaining information which is vital to the development of the industry and of benefit to the public through the improved quality of this attractive structural material. The results of a part of the bureau's work on this cement are treated in this paper.

Caustic magnesia, the chief constituent of oxy-chloride cement, was made in the experimental cement plant by calcining magnesite ore. The temperature and other conditions were varied in order to study the effects on the properties of the product. An ore imported from Greece, one shipped from the State of Washington and two from different mines in California were used, as these were representative of the chief sources of supply for this county. Cement mixtures, typical of those used by the trade, were then made and tested by laboratory methods, and in actual service. The service tests were conducted on panels of flooring and stucco exposed to actual service conditions. The results of this work add to the information necessary in producing the most satisfactory oxy-chloride cement products

The results of these tests are published in Technologic Paper No. 239 of the Bureau of Standards entitled, "Tests of Caustic Magnesia Made From Magnesite From Several Sources." It can be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is 10 cents, cash.

RECLAMATION BOARD STARTS FEE INQUIRY

The State Reclamation Board announces that a special meeting will be called to determine why Reclamation District 1,001 of Sutter county contracted to pay a fee of $68,000 to Attorney Charles F. Meteer and Peter R. Gadd, former secretary of the Reclamation Board.

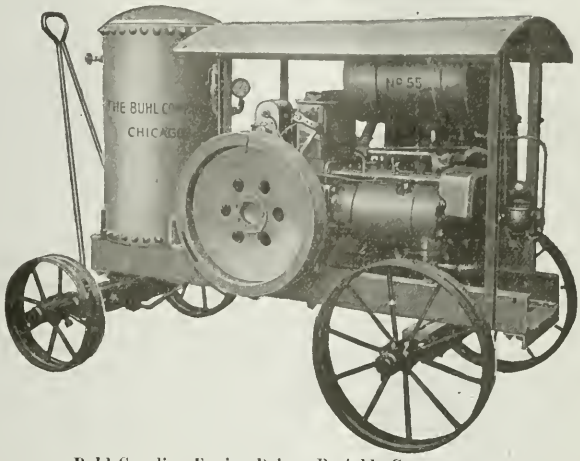
Meteer and Gadd, who is an engineer, were to get the $68,000 if they collected from the States $160,802 for levees built by District 1,001 and turned over to the State two years ago. Gadd, a Richardson appointee, who resigned from the Reclamation Board two months ago, was to get $49,000 of the $68,000.

The district's claim was presented to the Reclamation Board, approved and warrants were issued for $160,802. Then came the discovery of the fee to Gadd and Meteer for collecting the money.

Gadd insisted that his share was for engineering work in preparing the claim for presentation. The reclamation board's engineers retorted that there wasn't any engineering work necessary except what they already had done.

The board instructed the State Treasurer to refuse payment of the warrants until further investigation.

Buhl Air Compressor Placed On Market By Smith-Booth-Usher



Buhl Gasoline Engine Driven Portable Compressor

Do it with air" is a slogan which well applies to the Buhl Gasoline Engine Driven Portable Compressor, recently placed on the market by the Buhl Company at 607 South Dearborn Street, Chicago.

This unit has been specially designed for the contractor or road builder, who needs a high grade dependable unit. The uses for compressed air are manifold and a compressor is absolutely essential to contractors, public utilities, municipalities, street railways, railroads, and quarries. The use of air for rock drills, structural steel erectors, or those engaged in pipe line work, where riveting and chipping hammers, paving breakers, and ramers are used, reduces considerable the time and cost doing such work by hand methods.

The Buhl Type HP 80 is conservative rated at 80 cu. ft. of free air per minute and is portable in all senses of the word. The entire compressor plant is mounted on a steel channel frame truck securely braced, and will stand unusually rough usage. Being so easily portable, it can be quickly moved from one job to another and used in several places during the same day, making it profitable to use for several short time jobs.

All working parts are easily accessible for adjustment, and end plate on crank case can be removed by loosening four winged nuts, allowing the operator to get at all main and connecting rod bearings for adjustment.

An outstanding feature of the Buhl Compressor is the mechaniacl force feed oilers, which positively pump lubricant to all main and connecting rod bearings and to cylinders, regardless of climatic conditions. It is also provided with a positive gear driven built-in governor.

Enormous savings can be made by the use of portable compressors and pneumatic tools. It has proven in many cases $50.00 and even more per day has been saved; thus an outfit soon pays for itself and makes the work easier and more pleasant for the workmen.

Here are a few uses of the Buhl Portable Compressors: Operating rock drills of various types; operating air tools and jack hammers for breaking pavement, removing road surface and tearing up old floors in building; operating wood boring machines and drift bolt drivers; testing completed pipe lines to ascertain tightness of joints; spraying paint or whitewash; operating stone cutting or bushing tools; operating jarring devices to vibrate forms while filling with concrete; operating pneumatic tie tampers for compacting track ballast; operating riveting, chipping and calking hammers, or drills for either drilling, reaming or tapping; operating pneumatic rammers for tamping earth, back-fill or concrete; sand blasting bridges or buildings; operating various tools for cutting asphalt and breaking concrete pavement; unloading biscuous liquids from tank cars.

The Buhl Portable Air Compressors are made in 55, 80 and 160 cubic feet displacements; and are complete and ready for operation as soon as placed on the job.

The Smith Booth Usher Company of San Francisco and Los Angeles are exclusive distributors of these Compressors and carry them in stock.

NEW FIRE BRICK

Silimanite brick, a new type of fire brick for lining steel furnaces, has been developed by Professor Hewitt Wilson of the University of Washington, and Carl Wood H. C. Fisher and C. E. Sims of the United States Bureau of Mines, it is announced at Seattle.

"The brick is intended to reduce the cost of manufacturing steel," states Professor Wilson.

"In the present type of furnace, the linings must be changed frequently. This changing adds from $2 to $3 to the cost of every ton of steel produced. With the new type of brick the changes will not be as frequent and the cost will be reduced. The ingredients of the fire-brick do not differ from many types now on the market. The difference is in the process of manufacture.

"The clay is melted in a furnace, and then allowed to cool or 'freeze.' It is then crushed and formed into bricks which are baked in a kiln."

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $12,000
OAKLAND, S 66th St. 111 W Telegraph Avenue.
Two-story 16-room frame apts.
Owner—Jas. H. Young.
Contractor—John Young, NE 58th and Telegraph Ave., Oakland.

Contracts Awarded.
APT. HOUSE Cost, $30,000
SAN FRANCISCO, N Vallejo 75 E Octavia.
Three-story frame and stucco apartment house with tile roof & steam heating system (6 4-room apts.)
Owner—Peter Preovotos.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.
General contract to Jackson & Irvine, 180 Jessie St., at approx. $25,000.
Heating to Reliable Plumbing & Heating Co., 350 5th St., at approx. $2500
Electrical work to Chris Sieverts, 2801 Pine St. at approx. $1700.

Plans Being Prepared.
APT. HOUSE Cost, $50,000
SAN FRANCISCO, S Washington E Jones.
Three-story and basement frame and stucco apt. house (12 3 & 4-room apartments).
Owner — Axel Johnson, 632 Belvedere St., San Francisco.
Architect—Baumann & Jose, 251 Kearny, San Francisco.
Work will be done by day's labor and sub-contracts.

Plans Being Prepared.
APT. HOUSE Cost, $50,000
SAN FRANCISCO, E Guerrero bet. 18th and 19th.
Three-story and basement frame and brick veneer apt. house (18 2 and 3-room apts.)
Owner—Mrs. H. Tillman.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, $55,000
SAN FRANCISCO, S Grove W Scott St.
Three-story and basement frame brick veneer apt. house (3 & 4-room apartments).
Owner—Mrs. O'Brien.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Figured.
APARTMENTS Cast, $25,000
SAN FRANCISCO, Francisco St., bet. Polk and Larkin Sts.
Two-story and basement frame duplex apartment building with tile roof.
Owner—Dr. J. A. Scannavino.
Architect — Wm. E. Milwain, Pacific Bldg., Oakland
Figures are being taken for a general contract.

Sub-Figures Being Taken—To Be Done By Day's Work.
APARTMENTS Cost, $15,000
SAN FRANCISCO, 7th Ave. & Anza St.
Two-story and basement frame and stucco apt (4) bldg.
Owner and Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Concrete Contract Awarded.
APARTMENTS Cost, $80,000
SAN FRANCISCO, S Eddy St. 82-6 E Polk.
Six-story class C (47) apts.
Owner—E. V. Lacey, 180 Jessie, San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Excavating, trenching, back filling, cement and concrete work, reinforcing bars, etc. awarded to L. Vanucci, 16th and Valencia Sts.

Plans Being Prepared—To be Done by Day's Work.
APARTMENTS, ETC. Cost, $25,000
SAN FRANCISCO, Tiffany Avenue.
Move and remodel three-story frame rooming house into 12 3-room apts. and basement garages.
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $11,000
BERKELEY, 2530 Le Conte.
Two-story 14-room apts.
Owner—Mary E. Hiser, 1400 Milvia St., Berkeley.
Contractor—Sutcliff & Hitchcock, 2902 Chestnut St., Berkeley.

Contract Awarded.
APARTMENTS Cost, $25,000
SAN FRANCISCO, W Polk 100 N Lombard.
Three-story and basement frame (6) apartments.
Owner—Wm. Helbing Sr., 1332 Lombard St., San Francisco.
Contractor—The Helbing Co 1332 Lombard, San Francisco.

Contract Awarded.
APARTMENTS Cost, $17,000
OAKLAND, W Market St. 95 S Alleen.
Two-story 16-room frame apartments.
Owner—J. C. Farrar.
Contractor—Harry C. Knight, 388 12th St., Oakland.

Contract Awarded
APARTMENTS Cost, $43,000
BERKELEY, 2626 Ashby Ave.
Three-story 36-room apartments.
Owner—H. L. Gilkey, 6449 Colby Ave., Berkeley.
Contractor — Sommarstrom Bros. Co., 311 El Anito Ave., Piedmont.

Contract Awarded.
APARTMENTS Cost, $13,000
BERKELEY, 2341-3-5-7 Dwight Way.
Two-story 16-room apts.
Owner—Chas. Pike.
Contractor—Harry Ahnefeld, 1969 Marin St., Berkeley.

LONG BEACH, L. A. Co., Cal.—L. M. Krienkamp 627 E 4th St., Long Beach, has prepared sketches for a 4-sto brick store and apt. bldg. to be erected at 915 E Broadway, Long Beach, for I. K. Wicks, 1338 Florida St., Long Beach. Three stores in 1st story, five 3-room and eight 2-room apts. on each of the upper floors. Pressed brick facing, terra cotta trim, fire escapes, tile baths and drainbds, hardwd. fls.

LOS ANGELES, Cal.—Archts. Austin & Ashley, 1135 Detwiler Bldg., have prepared preliminary plans for a class A apartment bldg. to be erected at Rossmore and Rosewood Aves. for Park W. Cowan. Apartments will be individually owned. The bldg. will be 8 stories and will contain 89 apts. of 3, 4 and 5 rms. each; reinf. conc. constr. elevators, steam htg. Birch O'Neal Co., N Larchmont Blvd., will erect the building.

SAN FRANCISCO, Cal.—Cahill Bros., 110 Sutter St., will take figures shortly for the painting in connection with the construction of a large class A apartment house on the s.e. corner of Taylor and California Sts. for the Huntington Apartments Inc. Weeks & Day, architects.

LIGNI-SALVOR
Best Wood Preserver REGISTERED
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. SF
Contains 60% Crude Carbolic Acid in Insoluble Form
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF
PHONE SUTTER 59-7

LOS ANGELES, Cal.—M. Mintz and J. Jacubwitz, 1040 S. St. Andrews Pl., have had plans prepared and will erect a four-story brick apartment house on Virgil Ave., between 6th St and Wilshire Blvd. for themselves. It will contain 106 rooms, 48 apartments; brick walls, 46x169 ft., pressed brick facing, composition roofing, fire escapes, pine trim, wall beds, tiled baths, marble entrance, steam heating, water heater. Cost, $80,000.

LOS ANGELES, Cal.—E. F. Otto, 212 Hollywood Security Bldg., has the contract to erect a 60-room, 30-apartment building on Leeward Ave., near Westmoreland Ave. for Hilda B. Jenkins Bryson Apts. Dimensions, 60x130 ft., three-story, frame and plaster construction, composition roofing, pine trim, wall beds, tiled baths, gas radiators, water heaters. Cost, $75,000.

LOS ANGELES, Cal.— Richardson Building & Engineering Co., 141 N. Larchmont Blvd., has the contract to erect a four-story and basement Class C apartment house on Serrano St. near Wilshire Blvd. for S. N. Reiss. Arthur R. Hutchinson, 924 Van Nuys Bldg., is the architect. It will contain 102 rooms, 40 apartments; dimensions, 134x59 ft., brick walls, cast stone and face brick exterior, tile and composition roofing, pine trim and floors, wall beds, tiled baths, steam heating, electric elevator, incinerator, refrigerators, etc. Cost, $160,000.

LOS ANGELES, Cal.—Harry Gesner, 028 Hibernian Bldg., is taking subcontract bids for erecting a three-story apartment house at Pico St. and Wilton Place for Eastern Realty Co. It will contain 130 rooms, 63 apartments. Dimensions, 108x138 ft, brick walls, pressed brick and terra cotta facing, composition roofing, pine trim, oak floors, tiled baths, wall beds, gas radiators, water heaters, elevator. Cost, $185,000.

LONG BEACH, L. A. Co., Cal.—Graham Constr. Co., 529 Citizens Nat. Bank Bldg., has the contract to erect a 4-sto. apartment bldg. at cor. Seaside and Linden Aves., Long Beach, for the Seaside Holding Co. Steel frame constr., 4-story and basement, brick walls, 100x42 ft., press. brick facing, tiled baths, steam htg. sys., elevator, hardw. and pine fls., marble work; comp. rfg., ornam. iron work.

LOS ANGELES, Cal.—August Hanson 7509 Sunset Blvd., is preparing plans and will erect a $60,000 2-story brick store and apt. bldg. at n.e. cor. Vernon Ave. and Main St. for Mr. Kerston. Found. 65x140 ft., 5 stores, probably banking room, 10 double and 4 single apts., press. bric, plate glass, copper sash and prism front, comp. rf., cem. fls, tile entrances, tile baths and drainboards, disap. beds, gas rads.

LOS ANGELES, Cal.—Littleton Co., 608 E Colorado St., Pasadena, has the contract to erect an 80-rm., 38-apt. bldg. on Rampart Blvd. bet. 7th and 8th Sts. for Margaret E. Worsham, 711 S Rampart Blvd. Four-sto., 53x138 ft., brick constr., press. brick facing, comp rfg., pine trim, oak and pine fls., tiled baths, steam htg., wall beds; $140,000.

LONG BEACH, Los Angeles Co., Cal. —Architect W. Horace Austin, 521 Pacific Southwest Bldg., Broadway and American Ave., Long Beach, is completing plans for an $800,000, Class A own-your-own apartment building to be erected by Stradley & Newton, Detwiler Bldg., Los Angeles, at the southwest corner of First St. and Albina Pl., Long Beach, for D. B. Carlin, 107 E. [illegible]n Ave., Long Beach. Foundation, 100x150 ft., tile lobby, kitchen and bath floors, incinerator, refrigerating plant steam heating, 2 elevatores, 75-car garage.

LOS ANGELES, Cal.—Arthur B. Weber, 206 Wilshire Bldg., 6th St. & Western Ave., has the contract to erect a 52-room, 24-apt. bldg. at n.e. cor. of Union Ave. and Acacia St for H. C. Frank, 359 S Bonnie Brae St. Two-sto. 46x142 ft., frame and plas. constr., tile and comp. rfg., pine trim, oak and pine fls., wall beds, tiled baths, water htrs., gas rads.; $55,000.

BONDS

HERMOSA BEACH, Cal. The $82,000 grammar school bond issue carried at the recent election. The funds will be used for two buildings.

EUREKA, Humboldt Co., Cal. — County supervisors sell $40,000 bond issue of Ferndale School District; proceeds of sale to finance construction of new school.

SAN BERNARDINO, San Bernardino Co., Cal.—An election will be held by city board of education on Dec. 7 to vote on a $300,000 bond issue for a new junior high school. The proposed Bldg. will replace the one recently damaged by earthquake.

AUBURN, Placer Co., Cal.—County supervisors will rec. bids Dec. 4 for purchase of $2200 bond issue of Meadow Valley School District and $3500 issue of Blue Canyon District; proceeds of sales to finance school improvements.

CHURCHES

Plans Being Prepared.
CHURCH Cost, $500,000 approx.
OAKLAND, 26th and Harrison Sts.
Class A church.
Owner—First Congregational Church.
Architect—John Galen Howard and associates, First Natl Bank Bldg. San Francisco.

Plans Being Figured.
CHURCH Cost, $18,000
ESPARTO, Yolo Co., Calif.
Brick church.
Community Church of Esparto; Don Russell, chairman of building committee, Esparto, Calif.
Architect—Glenn Allen, 41 S Sutter St., Stockton.

LOS ANGELES, Cal.—W. E. Chadwick, 723 Union League Bldg., is preparing plans for a new church bldg., tob e erected on W. Adams St. for the City Mission Baptist Church; it will contain auditorium and lecture rooms. Frame and plas. constr., 2-story, 107 by 55 ft., shingle rfg., hardwood and pine fls., gas steam rads., metal lath, pine trim, staff work, wood roof trusses, folding partitions; $50,000.

SANTA BARBARA, Santa Barbara Co., Cal.—Archt. J. J. Donnellan, 231 Bryson Bldg., L. A., has completed preliminary plans for a class A church to be erected at Santa Barbara for the Ladies of Sorrow Church, Father Walter F. Thornton, pastor. It will have 2 chapels, large auditorium to seat about 1000 people, assembly hall, social rooms and kitchen, reinf. conc. constr., steam htg. sys., cement, pine and hardw fls., granite walls, etc.; $250,000.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

PASADENA, Los Angeles Co., Cal.—Architect Carleton M. Winslow, 921 Van Nuys Bldg., Los Angeles, has been authorized to proceed with working drawings for the new building to be erected at Pasadena for the First Baptist Church of Pasadena. It will contain an auditorium to seat 1500, Sunday school assembly room, banquet hall, recreation rooms, etc. Class A masonry construction, stucco exterior, cast stone trim, clay tile roofing. Cost, $400,000.

MONROVIA, Los Angeles Co., Cal.—Architect Carlton M. Winslow, 921 Van Nuys Bldg., has been commissioned to prepare plans for a new church group to be erected at Monrovia for St. Luke's Episcopal parish. It will include a church, complete chancel with tower and parish buildings. Only the nave will be built at present. Dimensions, 42x150 ft., masonry construction, cast stone and stucco exterior, clay tile roofing, ornamental iron, art glass, wood and tile floors.

FACTORIES AND WAREHOUSES

Contract Awarded.
BUILDING Cost, $15,000
SAN FRANCISCO, S Commercial 171-10 E Kearny.
Two-story and basement concrete bldg.
Owner—J. H. Hjul, 1342 Mission St., San Francisco.
Engineer & Contractor — J. H. Hjul, 1342 Mission St., S. F.

Contract Awarded.
FACTORY Cost, $11,000
OAKLAND, E 8th and 40th Ave.
One-story reinforced concrete frame and galv. iron factory.
Owner—Dewey & Almy (mfrs of chemical specialties), Cambridge, Mass.
Architect—John J. Donovan, Tapscott Bldg., Oakland.
Contractor—Barr & Son, 306 26th St., Oakland.

Segregated Figures Being Taken.
LAUNDRY Cost, $—
STOCKTON, San Joaquin Co., Cal, Lower Sacramento road at Wyandotte Street.
Two-story reinforced concrete laundry 109 by 52 ft.
Owner — Star Towel & Laundry Co. (Presher Bros.), Stockton, Cal.
Architect—Glenn Allen, 41 S Sutter St. Stockton.

Contract Awarded.
FACTORY Cost, $15,000
SAN FRANCISCO, SE Folsom & Sherman Streets.
Two-story concrete class C factory.
Owner—Riddle Sheet Metal Works 1067 Folsom St., San Francisco.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor—Otto Johnson.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?
For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.
OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.
A. Quandt & Sons
Painters · Decorators
SINCE 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
LOS ANGELES

Contract Awarded.
SHOP Cost, $11,000
OAKLAND, Foot of 14th Ave.
One-story machine shop.
Owner—Crowley Launch & Tug Boat Co., Oakland.
Contractor—E. Van Aalst.

Contract Awarded.
LOFT BLDG. Cost, $22,000
SAN FRANCISCO, E 11th St. 150 S Harrison St.
Two-story and basement reinforced concrete loft bldg. for paint shop.
Owner—Louis R. Lurie.
Lessee—J. J. Mohr & Son, Inc.
Architect—O'Brien Bros, 315 Montgomery St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St San Francisco.

Contract To Be Awarded Shortly.
FACTORY Cost, $12,000
SAN FRANCISCO, SE Folsom and Sherman Streets.
Two-story concrete class C factory.
Owner—Riddle Sheet Metal Works 1067 Folsom St., San Francisco.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.

Permit Applied For.
STORAGE SHED Cost, $16,000
OAKLAND, N E-14th St., opp. 107th Avenue.
Storage shed.
Owner—Star Motor Co., premises.

Sub-Figures Being Taken.
FACTORY ETC. Cost, $—
SAN FRANCISCO, 5th and Bryant St.
Three-story class C factory and warehouse.
Owner—R. W. Kinney Co.
Architect—Benj. G McDougall, 353 Sacramento St. San Francisco.
Contractor—Cahill Bros., 110 Sutter St. San Francisco.

Contractor Taking Sub-Figures.
ADDITION Cost, $15,000
SAN FRANCISCO, N Derby 82 E Taylor
Two-story and basement reinforced concrete addition to plant for garage.
Owner—Jos. Musto Estate Co.
Architect—Meyer & Johnson, 742 Market St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St. San Francisco.

Sub-Figures Being Taken.
WAREHOUSE Cost, $284,000
SAN FRANCISCO, Ninth and Brannan Streets.
Five-story and basement reinforced concrete warehouse 180x100.
Owner—Standard Sanitary Mfg. Co.
Architect — Weeks & Day, 315 Montgomery St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St. San Francisco.

ALHAMBRA, L. A. Co., Cal—Jenkins-Wright Co., 2912 Central Ave., has purchased site and will erect a new factory for dying yarn in City Industrial Tract near Alhambra. The main bldg. will be 2-story and basement, 180x60 ft., with a 1-story dyehouse, 200x150 ft. Plans for the bldgs. have not yet been prepared.

OAKLAND, Cal.—Dewey & Almy Chemical Co., Cambridge, Mass., has purchased site at East 8th St. and 40th Ave., and plans early construction of a plant for the manufacture of chemicals. The site covers 14,000 sq. ft.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—0223

LOS ANGELES, Cal.—Archt. Benj. J. Bloser, Consolidated Realty Bldg., has prepared preliminary plans for a group of factory bldgs to be erected for Ward Heater Co. Two sites are under consideration. The bldgs. will include foundry, plating plant, assembly plant, storage warehouse and administration bldg. Constr. will be of brick and rein. concr.; $250,000.

SALEM, Ore. — Salem and Portland businessmen have organized the Portland Pulp and Paper Co., and plans to commence construction Jan. 1 on $1,-250,000 mill in North Portland on the Peninsula. Plant will be approx. 80 by 300 ft. Company is capitalized at $1,-500,000. Roy H. Mills, Portland, is president of the company. Others interested include Dan J. Fry and F. D. Thielsen of Salem.

SAN DIEGO, Cal.—Schiefer & Sons, San Diego, furniture manufacturers, purchase site in National City industrial tract and will erect a 1-story factory bldg., 200x117 ft., together with lumber shed, platforms, etc. The structure will have skylight lighting. Est. cost $100,000.

SAN PEDRO, L. A. Co., Cal.—Buhl Metal Stamping Co. of Detroit has taken an option on a 16-acre tract at the harbor as a site for a $500,000 metal stamping plant. The company manufactures milk cans, kitchen utensils and other accessories. J. C. Buhl and D. M. Eddy, officers of the company, are here now in connection with this business.

LOS ANGELES, Cal.—C. L. Peck, H. W. Helman Bldg., has been awarded a contract at about $130,000 for erecting a class A factory bldg. on San Fernando Rd. near Edward St. for Theme Hosiery Co., Lockwood, Greene & Co., Chicago, archts. Dimensions 100x100 ft., 4-story and basement, reinf. conc. frame, fls. and roof slab, hollow tile filler walls, plas. exter., comp. rfg., steel sash, elevators, steel rolling doors metal skylights.

LOS ANGELES, Cal. — Winter Construction Co., 200 L. A. Ry. Bldg., has the contract to erect a 4-story class C bldg. at 10th and Wall Sts. for the Bronson Shirt Co. Dimensions 82x145 ft., brick walls, press. brick facing, terra cotta trim, plate glass, steel sash, comp. rfg., metal skylights, cem. and wood fls., elevator; $65,000. Lloyd Rally, Wright & Callender Bldg., architect.

LOS ANGELES, Cal.—Archts. Meier & Bountheau, 526 Title Insurance Bldg. have completed preliminary plans for a class A factory bldg. to be erected in the City Industrial Tr. for the Western Bedding Co. Dimensions, 200x350 ft., 1-story and part 2-story, reinforced conc. constr., comp. rfg., conc. fls., steel sash, wire glass.

OAKLAND, Cal. — W. B. Bastian Manufacturing Co., 2117 Violet St., Los Angeles, manufacturers of water heaters, has under consideration the purchase of a site in Emeryville and one in Oakland on which it is proposed to erect a plant for the manufacture of water heaters to be marketed by a separate selling concern, the Gas Appliance Sales Co. of Oakland of which John H. Eustice, former Oakland plumbing inspector, is president. The plant will be erected along the same lines as the one owned by the company in the southern city and which has a capacity of 2,500 heaters a month. W. B. Bastian is president of the company.

WOODLAND, Yolo Co., Cal.—C. B. Mace, R. H. Gore and J. D. Grieves, conducting a chain of butchershops in Woodland, Davis and Dixon, are having plans prepared for a pork packing plant to be erected in Woodland at a cost of $10,000.

PITTSBURG, Contra Costa Co., Cal.—B. P. Morgan, proprietor of the Columbia Cafe, has placed orders for laundry machinery to be installed in a one-story brick building to be erected in this city. The laundry building and machinery will cost approximately $75,000.

DELANO, Kern Co., Cal.—California Cotton Oil Co., will erect a gin in this section if 3,000 acres are planted to cotton. N. L. Maguire, representing the company, is signing up growers.

OAKDALE, Stanislaus Co., Cal.—Pacific Pea Packing Co., will enlarge its plans and install additional equipment to handle next year's crop, which will include peaches, apricots, cherries, pears and figs.

SAN FRANCISCO — See "Banks, Stores and Offices," this issue.

FLATS

Contract Awarded.

FLATS Cost, $9400

SAN FRANCISCO, W Shrader 100 S Fulton W 106-3 S 25.

Two-story and basement frame bldg., (2 flats)

Owner — Margaret V. and Catherine Redington, 261 Valencia St., San Francisco.

Architect—G. A. Berger, 261 Valencia St., San Francisco.

Contractor — Thorinson & Stoneson Bros.

ROTARY CLUB OF SAN FRANCISCO
2007-2009 Palace Hotel, San Francisco

November 14, 1923.

Clarence F. Pratt,
518 Hearst Bldg.,
San Francisco, California.
Dear Clarence:

We are hearing splendid reports regarding the hospitality extended by our Club to the visiting Rotarians from all over the world and this administration hopes to continue the program started by Past President Paul Rieger last year.

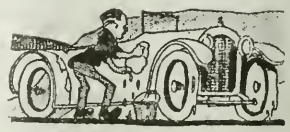
You have been selected with two other Rotarians to take care of this feature on Tuesday, November 20. You will please come to the Palace Hotel with your automobile and be prepared to take any of our visitors around the city either on business or pleasure, or on a short trip to San Mateo, Oakland or Stanford University, as they may desire. We believe that if this idea is carried out San Francisco and the Rotary Club of San Francisco will be known all over the world.

All that is necessary for police protection for a period of two hours is to place the enclosed emblem on the floor of your car.

Rotarily yours,
HOWELL H. WARE, President.

THE ROTARY Club is performing.
• • •
A REAL service.
• • •
FOR SAN Francisco.
• • •
FOR ON each Tuesday.
• • •
THERE ARE 20 to 50.
• • •
OF OTHER Rotary Clubs.
• • •
AT OUR weekly luncheons.
• • •
MANY STATES are represented.
• • •
AND GENERALLY one foreign country.
• • •
WILL HAVE one visitor.
• • •
SO CLARENCE Sand Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
IS ONLY too glad.
• • •
TO SERVE his city.
• • •
AND ROTARY.
• • •
IN THIS small way.
• • •
AND PLEASE do not ring.
• • •
DOUGLAS 300—"easy to remember."
• • •
THIS TUESDAY afternoon.
• • •
AND ASK for Sandy Pratt.
• • •
FOR HE will be motoring.
• • •
WITH VISITING Rotarians.
• • •
FROM NEW York, Florida.
• • •
OR MAYBE Honolulu.
• • •
AND SANDY.
• • •
WILL FIRST take them.
• • •
OUT TO beautiful Westwood Park.

WHERE 700 pretty bungalow homes.
• • •
ARE LOCATED.
• • •
AND WHERE 700 contented families.
• • •
LIVE AND enjoy life.
• • •
AND DO you know.
• • •
THAT ALL Eastern people.
• • •
LIKE BEAUTIFUL Westwood Park.
• • •
AND THEY are buying homes.
• • •
IN THIS sub-division.
• • •
WHERE SANDY Pratt, sand producer.
• • •
IS "MAYOR"
• • •
AND IF the sand pits.
• • •
AND THE new rock plant.
• • •
OF SANDY Pratt.
• • •
WAS NOT so far off.
• • •
SANDY WOULD show the visitors.
• • •
THESE WONDER spots.
• • •
IN SUNNY California.
• • •
"I THANK you."



Sandy Pratt, "Mayor" of beautiful Westwood Park shining his wonder car —"Prattrock" (it burns Pratt's clean, sharp sand) to take the visiting Rotarians for a spin to beautiful Westwood Park and San Francisco.

Contract Awarded.
FLATS Cost, $10,400
SAN FRANCISCO, S Bay 150 E Franklin.
Two-story & basement frame (2) flats
Owner—Vincent Dito, 1247 Bay St. San Francisco.
Architect—None.
Contractor—John Harder, 870 39th Av., San Francisco.

Contract Awarded
FLATS Cost, $11,000
SAN FRANCISCO, E Eureka 170 S 18th
Two-story & basement frame (2) flats
Owner—Mr. and Mrs. J. P. Hansen, 4141 19th Street.
Architect—None.
Contractor — F. Valentine, care San Bruno G. M. Co.

Figures Being Taken.
FLATS Cost, $13,000
SAN FRANCISCO, W Mason 34 N Green
Three-story and basement frame (3) flats.
Owner—Jos. De Martini, 1836 Mason St., San Francisco.
Architect — Paul F. Demartini, 946 Broadway, San Francisco.
Bids are being taken for a general contract except excavating.

Contract Awarded.
FLATS $12,000 & $4000 resp.
BERKELEY, 1730-2-4-6 Oxford and 1736A Oxford St.
Two-story 16-room frame flats and a 2-story 5-room residence.
Owner—Laura Culver, 1547 Shattuck Ave., Berkeley.
Contractor—Designers & Builders Corp 1956 University Ave., Berkeley.

Plans Being Figured.
FLATS Cost, $18,000
SAN FRANCISCO, Larkin near Greenwich.
Three-story frame and stucco residential flats, T & G roof (3 & 5 flats)
Owner—J. R. Murray.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Figures are being taken for a general contract.

Plans Being Prepared.
FLAT BLDG. Cost, $12,000
SAN FRANCISCO, Greenwich near Larkin.
Two-story and basement frame and stucco flat bldg. (2 5-room and sun porch and basement garage).
Owner—Withheld.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.

Contract Awarded.
FLATS Cost, $9800
SAN FRANCISCO, E Gough 75 N Lombard.
Two-story & basement frame (2) flats
Owner—Martin & Delia Fogerty, 1670 Sanchez St., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
BERKELEY, 1105-7 Hawthorne Terrace.
Two-story 10-room frame flats.
Owner—G. A. Fisher, 416 19th, Richmond.
Contractor—S. O. MacDonald & Son, 416 19th Richmond.

GARAGES

Contract Awarded.
GARAGE Cost, $45,000
SAN FRANCISCO, N Washington 130 E Gough.
Two-story reinforced concrete garage.
Owner—Thos. McDougall.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., S. F.
Contractor — Atlas Concrete Co., 180 Jessie St., San Francisco.

SAN DIEGO, Cal.—See "Hotels," this issue.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until Nov. 30, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4972-515 for fur. and del. Rio Vista, Solano County:

One high speed chain hoist, 6-ton capacity, height of lift 12 ft.; shortest distance between hooks not over 41-inches.

One Iron Winch, double purchase hand power, single drum with brake, cast iron frame and gears, capacity for 4 men, size of drum 5x18-in. dia. gear 25-in. pinion 4-in., capacity 2 men pull 25,000 lbs.

Further information together with copy of specifications obtainable from above office.

SACRAMENTO, Cal.—Clyde S. Simmonds, Sacramento, at $1408 awarded contract by Supervising Architect, Treasury Department, Washington, D. C., for painting and repairs to post-office at Sacramento.

SAN FRANCISCO—Until Nov. 28, 11 a. m., under Order No. 4956-515, bids will be rec. by U. S. Engineer Office, 85 2nd St., for fur. and del. Rio Vista, Solano county:

100 lbs. sheet packing, steam, high pressure, 1/16-in.
1 spool packing, steam, high pressure ½-in. twisted for valve stem.
3 doz. gage glass washers, ⅜-in.
1 coil flax packing ¼-in. square, second quality, 24 ft. coil.
1 coil tucks hydraulic packing, ¼ in. square; 12 ft. coil.
12 rings for feed pump rams, 225 lb. pressure, 1650 temperature of water; dia. of ram 4 in., dia. of stuffing box 5¼ in.

SAN FRANCISCO — The following bids were received on Nov. 15 by the U. S. Superintendent, P. O. Bldg. for painting and repairs to the U. S. Appraisers' Stores, S. F.
A. Quandt & Son .....$ 988
I. R. Kissel, S. F. 3060

WASHINGTON, D. C.—Until Nov. 30 10:30 a. m., bids will be rec. by Purchasing Officer, Panama Canal, under Circular No. 1573, for fur. and del. Balboa (Pacific Port), following materials: Structural steel, checkered and plain steel plates, steel bars, tool steel, drill rods, chain, copper boiler ferrules, and black wrought iron or steel pipe. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

SAN FRANCISCO—Until Nov. 28, 11 A. M., under Order No. 4955-515, bids will be rec. by U. S. Engineer Office, 85 2nd St., for fur. and del. Rio Vista, Solano county, miscellaneous castings, including one propellor to be made of cast steel, est. weight 130 lbs. and 8 cast iron cleats, 24 in. long with 19x18-in.x¾-in. base, ets. weight of each cleat, 125 lbs. Further information on request from above office.

FORT MASON, Cal.—The following bids were received on Nov. 16th by the Contracting Quartermaster for grading at Crissy Field:

Bids were taken for three areas—A. B and C.
Farrar & Carlin (A) $3030; (B) $2465; (C) $6955.
W. H. Hauser (A, B & C), $9500.
Jas. Currie (A) $3974; (B) $4947; (C) $747. Total, $9668.
Owen McHugh (A) $4395; (B) $4000; (C) $——.
P. Montague (A) $5000; (B) $2500; (C) $4095. Total, $7995.

SEATTLE, Wash.—Until Dec. 17, 11 a. m., bids will be rec. by General Purchasing Agent, The Alaskan Railroad, Rm. 422 Bell Street Terminal, Seattle, for furnishing on 200 ft. thru steel riveted truss span, center to center of end and pins and bearings. Further information together with specifications may be obtained from San Francisco offices of the Alaskan Engineering Commission, 510 Customhouse. Work is provided for under Circular No. 624.

FORT MASON, Cal. — Bids were opened on Nov. 16 by the Constructing Quartermaster's Office for installing oil burning euipment and oil storage tank at Fort McDowell, Calif.

	Oil Eq.	Tanks
S. T. Johnson, 1337 Mission St.	$3103	$2713
H. G. Thiele, 542 Call Bldg	....	2693
Abel & Co.	....	3149
Jas. Currie	3746	5567
John E. Buckley	....	2963
Turner Co.	4722	3259
D. P. Lientz & Co., L. A.	3950	3176

It is recommended that contracts be awarded to the lowest bidders, S. T. Johnson and H. S. Thiele.

PORTLAND, Ore. — Chief of Army Engineers has authorized the following work to be handled by the U. S. District Engineer Office at Portland ,Ore.:

Portland, Ore., stone for jetty at Coos Bay.

Portland, Ore., stone for jetty at entrance to Coos Bay and 4 wooden stone barges.

SAN FRANCISCO — Constructing Quartermaster, Fort Mason, rejects bids to install pump at Logas creek pumping station.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

PEARL HARBOR, T. H.—As previously reported, Davison and Nicolsen, 324 W. Lafayette St., Stockton, Calif., submitted low bid to Bureau of Yards and Docks, Navy Department, under Specification No. 4859, to construct storehouse at naval operating base, Pearl Harbor. Complete summary of bids follow:

Item 1, entire work complete; 2, add or deduct cu. yd. for each cu. yd. of concrete in place added or subtracted; 3, deduct for each interior bay omitted; 4, deduct from item 1 for each bay of eye line ventilated sash omitted; 5, deduct for each 1 bay loading platform omitted; 6, deduct for each roof ventilator omitted.

J. L. Young Engineering Co., Ltd., Campbell Building, Honolulu, T. H., item 1, $185,000, 240 days; 2, $20; 3, $5000; 4, $100; 5, $900; 6, $50.

Allen Pope, 4722 15th St., N. W., Washington, item 1, $198,400; 2, $20; 3, $6500; 4, $100; 5, $500; 6, $60.

Walker & Olund, Honolulu, T. H., item 1, $187,700; 2, $27; 3, $5500; 4, $60; 5, $1400; 6, $50.

Hawaiian Contracting Co., Honolulu, T. H., item 1, $210,000, 240 days; 2, add $30, deduct $14; 3, $7000; 4, $100; 5, $700 6, $25.

Davison & Nicholsen, 324 W Lafayette S., Stockton, Calif., item 1, $173,374; 2, $20; 3, $6100; 4, $140; 5, $1350; 6, $50.

W. F. Martens, Rochester, N. Y., item 1, $221,885, 300 days; 2 add $29, deduct $23; 3, $7365; 4, $105; 5, $660, 6, $70.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies & Accounts, Navy Department, for fur. and del. following materials, at points designated, date for opening bids as noted at close of each paragraph:

Schedule 1569, for Mare Island, 250,000 pounds dry white zinc oxide, Dec. 4

Sched. 1570, for pliers as follows, for Mare Island, 1800, and for Puget Sound 504, Dec. 4.

Sched. 1571, for San Diego, 189 electric soldering irons, Dec. 4.

Sched. 1573, for San Diego, Calif., salvage equipment for salvage vessels, including 5 pieces galvanized steel suction pipe, 2 elbows, 5 pieces galvanized steel pipe, 3 elbows, 81 pieces steel suction pipe, 32 elbows, 26 canvas discharge hose, 46 rubber suction hose and 11 foot valves, Dec. 4.

Sched. 1577, for Mare Island, 324 carbon steel reamers; for Puget Sound, 78 do, Dec. 11.

Sched. 1578, for eastern and western yards, hacksaw blades, Dec. 11.

Sched. 1579, for eastern and western navy yards, shoe repair outfits with electrical equipment, Dec. 11.

Sched. 1580, for San Diego, 200 machinists' hammers; for Mare Island, 3,008 do, and for Puget Sound, 1531 do., Dec. 11.

Sched. 1581, for various yards, hose, Dec. 11.

Sched. 1589, all deliveries, pneumatic tires and tubes, Dec. 18.

Sched. 1590 all deliveries, solid tires, Dec. 18.

Sched. 1591, Brooklyn and Mare Island, 7000 ft. steel conduit pipe, Dec. 11.

Sched. 1592, various yards, terra cotta and iron pipe, Dec. 11.

Sched. 1593, various yards, steel pipe, Dec. 11.

Sched. 1594, various yards, copper and brass pipe and copper tubing, Dec. 11.

Schedule 1596, various yards, red lead, Dec. 11.

WASHINGTON, D. C. — Bids were opened on Nov. 14th by the U. S. Bureau of Yards and Docks for the construction of a one-story storehouse to be erected at Pearl Harbor, T. H. under Spec. 4859. Following is the three lowest bidders

Davison & Nicolsen, 324 Lafayette St., Stockton	$173,374
J. L. Young, Honolulu	184,000
Walker & Oslund, Honolulu	187,000

PUGET SOUND, Wash. — Pole and Tube Works, Inc., 907 Evans Bldg., Washington, D. C., at $8965, time to complete 120 days, awarded cont. by Bureau of Yards and Docks, Navy Department, to erect 3 200-ft. Radio masts at Puget Sound, Wash. Specification No. 4897.

HALLS AND SOCIETY BUILDINGS

Completing Plans.
ADDITION Cost, $—
SAN FRANCISCO, Presidio.
Reinforced concrete addition to swimming tank etc.)
Owner—Army Y. M. C. A.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

Plans Being Prepared.
ADDITION Cost, $—
SAN FRANCISCO, N Post St. E Mason.
Class A addition to club bldg (height not decided).
Owner—Olympic Club.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

ELSINORE, Riverside Co., Cal.—Engineering Service Co, Washington Bldg is preparing working plans for the club house to be erected at Lake Elsinore for Southern California Athletic & Country Club. The main club bldg. will be 2-story with a frontage of 248 ft., with club rooms in first story and dormitory rooms in second story. Reinforced concr. and hollow tile constr., plas exter., clay tile rfg. Other bldgs. contemplated are residences for club's manager, two dormitories for employees, garage for 100 cars, gatekeeper's lodge, bath-house, 250 ft. pleasure pier, hunting lodge and golf clubhouse.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., have been commissioned to prepare plans and spec. for a class A lodge and club bldg. to be erected at s.w. cor. of 6th and Parkview Sts. for Los Angeles Lodge No. 99, B. P. O. E. The bldg. will be 262x150 ft. and will cost $1,500,000. The central portion will be 12-sto. It will contain social rooms, dining room to seat 300, lodge room to accommodate 1500, banquet hall and ball room to seat 1500, gymnasium, plunge, Turkish baths, 200 hotel rooms and large underground garage. Plans will be completed and excavating commenced about Feb. 1. Plans will not be started, however, until Claud Beelman returns from an eastern trip to inspect club and lodge buildings.

NAPA, Napa Co., Cal.—City council has acquired site formerly occupied by Central School and plans early construction of memorial community hall, to be used for public meetings and for the Napa Post, American Legion as club quarters.

POMONA, L. A. Co.,Cal.—Construction of the new lodge bldg. for the local B. P. O. E. will start within three weeks. Charles C. McKey, secy. The bldg. will be part two and part three stories (lot approx. 149x109 ft.). Est. cost, $205,000. Considerable landscape work is planned.

MONROVIA, L. A. Co., Cal. — Mr. Skedden, of West White Oak Ave., music director of the Presbyterian church, is promoting a country club to be located in the foothills on Norumbega Hts. Initial cost of proposed project, including clubhouse, $161,000. The chamber of commerce is back of the enterprise.

LOS ANGELES, Cal—Archts Schultze & Weaver, Pacific Mutual Bldg., have been commissioned to prepare plans for a class A bldg. to be erected at n.w. cor. of 6th and Figueroa Sts. for the Jonathan Club. The site is 195x165 ft. The bldg. will contain stores in the first story with offices and quarters for the club in the upper stories.

DELANO, Kern Co., Cal. — Merle Reed Post, American Legion, is planning erection of $7000 club house. A. C. Keuntze, chairman of Building Committee.

HOSPITALS

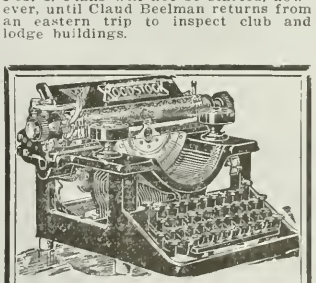
REDWOOD CITY, San Mateo Co., Cal.—County Purchasing Agent E. H. Werder instructed by supervisors to secure estimates of cost for the installation of a cooling tower for water at the County Community Hospital.

EUREKA, Humboldt Co., Cal.—Winters Bros., at $6614 awarded contract by county supervisors to paint county hospital buildings. Other bids: R. Zelinsky, $9200; E. G. Pluke Co., $7047.

GLENDALE, L. A. Co., Cal.—Application has been made to Glendale city trustees for a permit to erect and operate a hospital on a site on Laurel St., bet. Brand Blvd. and Central Ave., to be known as Physicians and Surgeons Hospital; the signers of the application are leading physicians of Glendale, comprising Dr. F. E. Eckles, 125½ N Brand Blvd.; Dr. H. V. Brown, 118 W Wilson Ave.; Dr. O. A. Dietrich, 208 W Broadway; Dr. H. R. Boyer, 106 S Brand Blvd.; and O. W. Tarr, realtor, 102-A E Broadway. It is proposed to build a fireproof bldg. to cost at least $200,000. No archt. selected.

LOS ANGELES, Cal.—Archts. Monaco & Bordeaux, 913 Bank of Italy-International Bldg., have been commissioned to prepare plans for a 2-story class A addition to hospital bldg. to be erected at 531 College St., for the French Hospital; it will contain 18 private rooms, 5 double rooms and 3 wards of about 10 beds each. Reinf. conc. constr., 2-story and part basement, brick exter. walls; $100,000.

KING'S ORIENTAL STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

SAN JOSE, Santa Clara Co., Cal. — L. Lions & Sons, 2nd and San Fernando San Jose, at $150 awarded cont. by County supervisors to fur. and install 28 shades in county hospital.

HOTELS

Plans Being Prepared.
HOTEL & STORE Cost, $—
BERKELEY, Alameda Co., Cal., 2041 to 2049 Shattuck.
Five-story class C hotel and store bldg.
Owner—Rebecca Roth.
Supervising Architect — August G. Headman, Call Bldg., S. F.
A contract for the first story has been awarded to Walter Murch, Fox Bldg., Oakland, at $20,000.

Contract Awarded On a Percentage Basis.
HOTEL BLDG. Approx. $1,000,000
SAN DIEGO, San Diego Co., Cal., N Broadway bet. 1st and Front Sts.
Six-story and basement class A hotel and auto bus terminal 200x200 150 rooms.
Owner—Pickwick Stages Inc. (Louis R. Lurie et al) S. F.
Architect — O'Brien Bros., 318 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 815 Bryant St., San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, $30,000
VACAVILLE, Solano Co., Cal. Arlington Hotel on Main St.
Alter hotel, a portion will be altered for a motion picture theatre.
Owner—M. L. Rose, Pacific Bldg., San Francisco.
Architect—A. C. Griewank, Call Bldg., San Francisco.

CULVER CITY, L. A. Co., Cal.—Winter Construction Co., 200 L. A. Ry. Bldg. has been awarded the general contract about $225,000 for erecting a 6-story and basement class A hotel, office and store bldg. at Culver City for Harry Culver. Plumbing, wiring, heating and elevators will be let separately. Durlett & Beelman, 408 Union Bank Bldg., archts. Rein. concrete frame and floors, brick filler walls, cast stone and press. brick facing, plate glass windows, tiled baths, elevator, steam htg. Total cost, $325,000.

SAN PEDRO, L. A. Co., Cal.—Archt. J. C. Martin, 228 Higgins Bldg., has been commissioned to prepare plans for a 3-story class C store and hotel bldg., to be erected at San Pedro for a local client; it will contain several stores and 40 hotel rms. with about 40 per cent baths. Brick walls, 54x110 ft., press. brick facing, comp rfg., cement and pine fls., gas htg., part basement, garage water htr., pine trim, plate glass.

SAN JACINTO, Riverside Co., Cal. — Archt. John J. Frauenfelder, 1116 Story Bldg., has been commissioned to prepare plans for a group of bldgs. to be erected at Soboda Hot Springs, near San Jacinto, for John Althouse; there will be 50-rm. hotel, 50 cottages to contain 2 and 4 rms. each, laundry bldg. and power plant. Brick, reinf. conc. and frame constr., 1-story and 2-story, tile, shingle and comp. rfg., cement and pine fls, etc.

SARATOGA, Santa Clara Co., Cal.—John A. Evans Corp., of Los Angeles, will expend $30,000 in improvements at the Saratoga Lodge. In addition to building improvements it is planned to complete considerable landscape work, which will be done by C. C. Navlet Company.

LA JOLLA, Los Angeles Co., Cal.—Miller & Miller, 4863 W. Washington St., have the contract to erect a hotel building at La Jolla for Mrs. I. R. Morrison Hopkins. Edgar C. Ullrick, La Jolla, is the architect. Two-story, 285x225 ft., 100 rooms, 100 baths, frame and plaster construction, tile roofing, pine trim, tiled baths, steam heating. Cost, $265,000.

LANKERSHIM, Los Angeles Co., Cal.—Chamber of Commerce is sponsoring a project to build a $250,000 hotel in Lankershim. A finance committee has been appointed, consisting of Geo. H. Taylor, James Wilson, Fred Weddington and Security Trust & Savings Bank. The building will be three-story and contain 100 rooms.

GLENDALE, L. A. Co.—Engineering Service Corp., 1316 Washington Bldg., Los Angeles, are preparing preliminary plans for a 3-story class A hotel bldg. to be erected near Verdugo Rd. and Colorado St., for the Hotel Sanitariums Co., James B. Ferguson, Sun Bldg., Los Angeles, in charge; it will have 110-rms. each with bath, lobby, kitchen and dining room. Reinf. conc. constr., 3-story and basement, there will be 4 wings, dimensions over all 150x260 ft., press. brick and terra cotta facing, steam heating system, comp. rfg., tiled baths, marble and tile lobby, pine trim.

LOS ANGELES, Cal.—Archts. Noerenberg & Johnson, 401 L. A. Ry. Bldg., have prepared plans for a 3-story 63-room hotel bldg. to be erected on Stanford Ave. between 6th and 7th Sts. for E. Avery McCarthy. Dimensions, 50x110 ft., brick walls, press. brick facing, comp. rfg., metal skylights, pine trim, water htr., gas htg.

LOS ANGELES, Cal.—Archt. Chas. F. Whittlesey, 6533 Hollywood Blvd., has prepared preliminary plans for a class A hotel on Hollywood Blvd. between Bronson and Gower Sts., for a syndicate in which Davenport Bros. are interested. The site contains 3½ acres and the bldg will contain 1002 rooms. Reinforced concrete construction.

LANKERSHIM, L. A. Co., Cal.—Jas. Wilson, Pres. of the Lankershim chamber of commerce, Fred Weddington of the Lankershim branch of the Security Tr. & Sav. Bank and Geo. H. Taylor of Lankershim, are members of a committee which has raised $75,000 for the erection of a $250,000 3-story hotel bldg in Lankershim to contain 100 rooms.

LOS ANGELES, Cal.—S. E. McRae, 1141 59th St., has the contract to erect a 75-room brick hotel on Garland Ave., bet. 7th and 8th Sts. for Mary A. Briggs and Lillie M. McGowan. I. H. Seehorn, 328 Clay St., archt. Three-story, 55x139 ft., brick walls, press. brick facing, comp. rfg., pine trim, tiled baths, lavatory in each room ;$65,000.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., has completed plans and is taking bids on sep. contrs. for a 12-story class A hotel bldg., to be erected at cor. of Bixel and Ingraham Sts., for Mrs. H. Foote and J. Foote; it will contain 252 rms., 100 per cent baths, dining room, kitchen, ball room, etc. Reinf. conc. constr., 60 by 128 ft., press. brick and terra cotta facing, comp. rfg., tiled baths, steam htg. sys., 2 elec passenger elevators and 1 elec. freight elevator, refrigerating plant, vacuum clg. sys., marble and tile wainscot and fls., plate glass, incinerator, pine and hardw. fls., ornam. iron work, circulating cold water to each room, hardw. and pine trim, etc $800,000.

ICE AND COLD STORAGE PLANTS

HAYWARD, Alameda Co., Cal.—National Ice and Cold Storage Co., Postal Telegraph Bldg., San Francisco, has taken 10-day option on property in vicinity of S. P. tracks and plans construction of $75,000 ice and cold storage plant.

POWER PLANTS

Plans Being Prepared—Piling Bids To Be Taken In Two Weeks.
SUB STATION Cost, $500,000
Building and equipment.
SAN FRANCISCO, Corner Montgomery and Commercial adjacent to present bldg.
Four-story reinforced concrete and steel sub station (Station J).
Owner—Pacific Gas & Elec. Co.
Architect—Engineering Dept. of owner 445 Sutter St., San Francisco.
The electrical equipment has been ordered. Building and equipment will cost approximately $500,000. Bids for the building will not be called for about 3 months.

MODESTO, Stanislaus Co., Cal.—Dec. 14 is date set by Modesto Irrigation District to vote bonds of $500,000 worth of bonds to complete Don Pedro electrical system.

REDDING, Shasta Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has appropriated $194,600 to construct private telephone line from Redding to Vaca-Dixon sub-station, a distance of approx. 188 miles.

SAN FRANCISCO—Until Dec. 19, bids will be rec. by Board of Public Works for furnishing and delivering electric transmission line insulators for Hetch Hetchy power and water supply project; est. cost $200,000. Specifications and further information obtainable from Bureau of Engineering, 3rd floor, city hall.

SEATTLE, Wash. — Puget Sound Light and Power Co. will expend between $5,000,000 and $6,000,000 to develop its hydro-electric power facilities, according to A. W. Leonard, interested in company.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

PUBLIC BUILDINGS

Bids Rejected—New Blds Ordered.
FIRE HOUSE Cost, $20,000
SACRAMENTO, Cal. Forty-third and J Sts. (Engine No. 8).
Two-story hollow tile fire house.
Owner—City of Sacramento.
Architect—Dean & Dean, City Library Bldg., 9th and L Sts., Sacramento.
Changes will be made to bring the cost down $1700. The lowest bid was submitted by Geo. D. Hudnut of Sacramento at $20,350.

OAKLAND, Cal. On Nov. 15 E. K. Sturgis, city clerk, received bids as follows to construct concrete foundation and supports for elevators in basement of municipal auditorium:
Enterprise Elev. Co., 531 Jessie St $1553
Otis Elevator Co. 1800

RIVERSIDE, Riverside Co., Cal.—Until Dec 11 bids will be received by City Council for the construction of the new City Hall. Plans are on file at the office of the architect, Howard E. Jones, 405 Katz Bldg., San Bernardino. The plans for electric wiring, painting, plumbing and heating will be ready Nov. 20. The proposed building will be two-story and basement of Spanish style with an imposing tower in front. In addition to the city offices, a large room will be provided for a civic museum. Class A reinforced concrete construction, stucco exterior, tile roof, ornamental iron balconies, etc.

RED BLUFF, Tenama Co., Cal. — O'Connor Bros., Red Bluff, at $2409 submits low bid to county supervisors for repairs at old county courthouse and for work on new courthouse grounds. Other bids were J. A. Noble, $2450; Walter Ternsted, $2470. To construct concrete oil tank, O'Connor Bros. submitted only bid at $1510. Taken under advisement.

RESIDENCES

Completing Plans—To Be Done By Day's Work.
RESIDENCES Cost, $15,000 each
SAN MATEO, Cal., San Mateo Park.
One-story & 1½-story frame & stucco residences (8 rooms and 3 baths).
Owner—F. T. Martins.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Contracts Awarded.
RESIDENCE Cost, $9106
MILL VALLEY, Marin Co., Cal, Cornet Avenue.
Two-story frame residence (7 rooms and 2 bathrooms).
Owner—Mr. & Mrs. Walter B. Maling, Mill Valley.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento.
Contractor—Finn Anderson, 180 Jessie St., San Francisco.
Plumbing awarded to H. Williamson, 1376 Mission St., S. F.
Heating to Atlas Heating Co., 557 4th St., San Francisco.

Low Bidder.
RESIDENCE Cost, $11,933
OAKLAND, Alameda Co., Cal. Arimo.
Two-story frame and stucco residence and garage (tile roof).
Owner—Mr. Proat.
Architect—C. W. McCall, Central Bank Bldg., Oakland.
Low Bidder—Alfred Peterson, 351 12th St., Oakland.

Figures To Be Taken Shortly.
RESIDENCE Cost, $10,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence shingle roof.
Owner—J. Hampton Hoge, S. F.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Plans will be ready for figures early next week.

Owner Taking Figures.
RESIDENCE Cost, $—
OAKLAND, Alma Avenue.
Two-story frame and stucco residence.
Owner—Stanley Merritt.
Architect — A. W. Smith, American Bank, Oakland.

Plans Being Prepared—To Be Done By Day's Work.
RESIDENCES Cost, $12,000 each
SAN FRANCISCO, St. Francis Wood.
Two 2-story frame and stucco residences, shingle roof.
Owner—Mangels Bros.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.

Plans Being Prepared.
RESIDENCES Cost, $9000 & $10,000
SAN FRANCISCO, St. Francis Wood.
One-story and 2-story frame and stucco Spanish style residences.
Owner—Garden Homes Co.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $11,610
SAN FRANCISCO, W Foerster 50 N Hearst.
Three 1-story frame residences.
Owner—Moneta Inv. Co., Pacific Bldg., San Francisco.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F.

Plans Being Figured.
RESIDENCE Cost, $25,000
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame and stucco residence (tile roof).
Owner—West Gate Park Co.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Figures are being taken for a general contract.

Plans Being Prepared.
RESIDENCE Cost, $17,000
SAUSALITO, Marin Co., Cal.
1½-story frame residence, shingle rf.
Owner—Wm. T. Burney.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Plans will be ready for figures in three weeks.

Plans Being Prepared.
RESIDENCE Cost, $8500
SANTA ROSA, Sonoma Co., Cal.
Two-story frame colonial style residence.
Owner—E. R. Sawyer.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Contract Awarded.
DWELLING Cost, $10,000
BERKELEY, 1400 Le Roy.
Two-story 8-room dwelling.
Owner—Miss Mary B. Wallace, 2201 Derby, Berkeley.
Contractor—F. E. Allen, 2718 Regent St., Berkeley.

Plans Being Figured.
RESIDENCE Cost, $8500
OAKLAND, Lakeshore Highlands.
Two-story and basement frame and stucco residence, (7 rooms and garage).
Owner—Paul Wilson.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Plans Being Prepared.
BUNGALOWS Cost, $4500 each
SAN FRANCISCO, Octavia St. near McAllister St.
Two 1-story 5-room frame bungalows.
Owner—Withheld.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.

Plans to be Prepared.
RESIDENCES Cost, $20,000 to $50,000 each.
SAN FRANCISCO. Sea Cliff.
50 or more residences.
Owner—Allen & Co.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
These buildings will be erected next year.

Plans Being Prepared.
RESIDENCE Cost, $8,500
OAKLAND, Alameda Co., Cal. Lakemont Tract.
One-story frame and stucco Spanish style residence with tile and T. & G. roof (9 rooms, court, etc.)
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor — Selected, name withheld for present.

Plans Being Prepared.
RESIDENCE Cost, $8,500
OAKLAND, Alameda Co., Cal. Lakemont Tract.
Two-story frame English style residence with shingle roof (8 rooms).
Owner—Withheld.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor — Selected, name withheld for the present.

Plans Being Figured.
RESIDENCE Cost, $12,000
SAN FRANCISCO, NE Franklin and Francisco.
Two-story and basement frame and stucco residence and tile roof with court entrance and basement garage.
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $16,000
SAN FRANCISCO, E Larkin bet. Filbert and Greenwich.
Two-story and basement frame and stucco residence with tile roof.
Owner—Luke Fay.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.

Preliminary Plans Being Prepared.
RESIDENCE Cost, $12,000
SAN FRANCISCO. Windsor Terrace.
Two-story frame and stucco frame residence.
Owner—Withheld.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

SCHOOLS

Plans Being Figured.
HIGH SCHOOL Cost, $200,000
LOS GATOS, Santa Clara Co., Cal.
Two-story and basement reinforced concrete high school (approx. 20 rooms).
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Bids are being taken as follows:
General contract.
Heating.
Plumbing.
Electrical work.
Blackboards.
Linoleum.
Shades.
Plans may be obtained rom the architect.

Being Done By Day's Work.
SCHOOL Cost, $70,000
SAN FRANCISCO, S 29th 105 W Church
Three-story brick high school.
Owner—St. Paul's Parish (Father M. D. Connolly) Roman Catholic Archbishop of San Francisco, 1100 Franklin St., S. F.
Architect—Shea & Shea, Chronicle Bldg San Francisco.
Sub-figures will be taken by Father Connolly of the Parish.

Contract Awarded.
SCHOOL Cost, $251,777
OAKLAND, Alameda Co., Cal., 1532 34th Avenue.
Two-story reinforced concrete elementary & high school bldg. 25 rooms.
Owner—St. Elizabeth's Parish School.
Architect—John J. Donovan, Tapscott Bldg., Oakland.
Contractor — Larsen-Siegrist, Claus Spreckels Bldg., San Francisco.

Commissioned To Prepare Plans.
SCHOOL Cost, $50,000
KELSEYVILLE, Lake Co., Cal.
One-story reinforced concrete high school.
Owner—Kelseyville Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Commissioned To Prepare Plans.
SCHOOL Cost, $—
SAN JOSE, Santa Clara Co., Cal.
Fireproof high school (size and type of construction not decided).
Owner—San Jose Junior High School District.
Architect—W. H. Weeks, 369 Pine St., S. F. and Binder & Curtis, 255½ S 1st St, San Jose.
Bonds to the amount of $750,000 have been voted.

SAN FRANCISCO—Lindgren-Swinerton Co., Standard Oil Bldg., general contractors, are figuring the Protestant Orphanage buildings to be erected in San Francisco and the College of the Pacific buildings to be erected in Stockton and want sub-bids on all branches of the work.

SACRAMENTO, Cal.—Until Dec. 3, 5 P. M., bids will be rec. by Chas. C. Hughes Sect'y., Board of Education, to fur., and install sprinkler system. Cert. check 10% payable to Board of Education req. Plans obtainable from Business Manager of Board, 301 City Hall.

Plans and specifications are on file in the office of the Building and Engineering News, 818 Mission Street, for the College of the Pacific to be erected in Stockton, San Joaquin County, at a cost of approximately $600,000. Plans call for a group of seven concrete, brick and wood buildings with slate roofs and terra cotta trim. Davis-Heller-Pearce Company, Delta Bldg., Stockton, are the managers of construction.

Plans for the different buildings were prepared by Architects Losekann & Clowdsley; Mayo, Cowell & Bissell; Davis-Heller-Pearce Company; Wright & Satterlee and Louis S. Stone, and Franklyn E. Warner, all of Stockton.

Bids will be opened on December 1, 1923, at 8 o'clock P. M.

Figures are being taken as follows:

General contract for the seven buildings, except plumbing, heating, ventilating and electrical work.

General contract except mechanical equipment for each building separately.

Plumbing, heating, ventilating and electrical work separately and a combination bid.

FRESNO, Fresno Co., Cal.—Until Dec. 13, 5 p. m., bids will be rec. by L. L. Smith, secy. Board of Education, 2525 Tuolumne St., Fresno, for fencing at Fresno public schools. Spec. obtainable from secretary.

NAPA, Napa Co., Cal.—Until Nov. 30, 8 p. m., bids will be rec. by Howard E. Roper, secy. Napa School District, to grade school grounds. Cert. check 10% payable to Percy S. King, president of the Board of Trustees of District req. Further information obtainable from secretary.

POMONA, Cal.—Archt. A. C. Martin, 228 Higgins Bldg., is completing plans for a convent school to be erected at Pomona for the Roman Catholic Bichop of San Diego and Los Angeles. It will contain auditorium, classrooms, music rooms, and dormitories for 40 students; 2-story, 60x120 ft., brick walls, plaster exter., comp. rfg., reinf. conc. fls., gas htg., pine trim; $75,000.

LOS ANGELES, Cal.—William Stacko 1710 W. Adams St., was awarded the general contract at $245,000 for erecting a new auditorium and classroom building at Polytechnic high school. Morgan, Walls & Morgan, 1124 Van Nuys Bldg., Los Angeles, are the erchitects. Other contracts were awarded as follows: Plumbing to Coker & Taylor at $8999 with an addition at $1440 for sprinkler system; painting to Paul B. Johnston at $9500, and wiring to H. H. Walker at $12,549. Bids for heating and ventilating were held under advisement.

LOS ANGELES, Cal.—Architects Hudson & Munsell, Douglas Bldg., have been commissioned to prepare plans for an eight-room addition to the Murchison St. school. It will be of brick construction and is to cost $64,000.

CORCORAN, Kings Co., Cal.—Until Dec. 4, 8 P. M., bids will be rec. by C. C. Wilson, Clerk, Corcoran Union High School District, to construct addition to shop building. J. R. Henderson, architect, Tulare, Calif. Cert. check 10% req. with each bid. Further information obtainable from clerk.

LOS ANGELES, Cal. — Olcester & Kerr ,1528 Ramona Ave , So. Pasadena, were awarded the general contract at $240,800 for erecting a new auditorium building at Hollywood high school. Norman F. Marsh, 211 Broadway, Central Bldg., Los Angeles, is the architect. The contract was awarded on the original bid of $254,000 with deductions of $6000 for omitting Zenitherm plaster, $6000 for omitting counter weight system on stage, and $1100 for change in stack. Other contracts were awarded as follows: Painting to H. H. Mann at $2683; wiring to Newbery Elec. Corp. at $9487; and plumbing to Ashworth & Gallop at $5992. Bids for heating and sprinkler system were held under advisement.

FILLMORE, Ventura Co., Cal.—Hastings & Peakle, Fillmore, were awarded the general contract at $34,394 for erecting a gymnasium bldg. at Fillmore union high school. Norman F. Marsh, 211 Broadway Central Bldg., architect. Plumbing was awarded to J. C. Dunn, Fillmore, at $6440, and painting was let to R. E. Swan, L. A., at $1,-520. The bldg. will be frame and plas. construction.

STOCKTON, San Joaquin Co., Cal.—Until Dec. 5, 7:30 p. m., bids will be rec. by Ansel S. Williams, secy. Board of Education, for interior finish of two classrooms in the Jackson school at San Joaquin and Jackson Sts. Cert. check 10% req. Plans obtainable from office of secy., San Joaquin and Lindsay streets.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

SAN FRANCISCO—Reilly & Nemetz, 180 Jessie St. at $4060 submits low bid to Bd. Pub. Wks. for general contract alterations on the Geo. Peabody school. Other bids John Spargo, $7000; Anderson and Ringrose, $5800; A. S. Gough, $4570.

Williams Radiator Co., Monadnock Bldg., at $877 low bidder for gas heating and plumbing on the same structure. Other bids: Thos. Skelly, $1,-[illegible]0, J. O'Mara, $983, A. Lettich, $1242.

SONOMA, Sonoma Co., Cal.—Bonds of $25,000 of the Sonoma Grammar School District have been sold; proceeds of sale will finance school improvements.

SAN FRANCISCO—Board of Public Works rejects bid to fur. and install chairs in Galileo high school and new bids will be opened Dec. 5. Low bid received under last call was that of Heywood-Wakefield Co. at $9982. Specifications obtainable from Bureau of Architecture, 2nd floor, City Hall.

BERKELEY, Alameda Co., Cal.—The Board of Education outline plans for proposed school bond issue to be held in the Spring. In addition to erecting new school and additions to standing structures the purchase of new school sites will be included in this issue. Architect Wm. C. Hays, First National Bank Bldg., San Francisco, will probably prepare the necessary plans for the improvements.

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost, $20,000
BERKELEY, 2041 to 49 University Ave.
One-story class C store bldg. (5 stores)
Owner—Rebecca Roth.
Supervising Architect — August G. Headman, Call Bldg., S. F.
Contractor—Walter Murch, Fox Bldg., Oakland.

Contract Awarded.
STORE & LOFT Cost, $41,000
OAKLAND, NW 13th & Harrison Sts.
Two-story class C store and loft bldg.
Owner—Pelton & Faustini.
Architect—E. W. Cannon, Central Bank Bldg., Oakland.
Contractor—John Bartlett, 351 12th St. Oakland.

Contract Awarded.
OFFICE BLDG. $65,000 approx.
OAKLAND, 30th and Adeline Sts.
Two-story and basement reinforced concrete office building.
Owner—Wm. Schlaes.
Lessee—Pacific Tel. & Tel. Co.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—F. L. Hansen, 251 Kearny St., San Francisco.

Contract Awarded.
STORE & OFFICES Cost, $60,000
BERKELEY, Telegraph Ave and Channing Way.
Two-story class C brick and terra cotta store and offices.
Owner—Samuel Newman.
Architect—Leonard H. Ford, 306 14th St., Oakland.
Contractor — F. A. Muller, Syndicate Bldg., Oakland.
The store has been leased to S. H. Brake Co Inc. (department store).

Heating and Plumbing Contracts Awarded.
OFFICE & PLANT Cost, $350,000
SAN FRANCISCO, Grant Ave. & Beach adjoining present plant.
Two-story reinforced concrete (brick exterior) office and plant bldg. 275 by 137-6.
Owner—Otis Elevator Co., Beach and Stockton Sts., S. F.
Engineer—Engineering & Construction Division of owner.
Mgr. of Construction—P. J. Walker Co. Sharon Bldg., San Francisco.
Heating system to Jas. A. Nelson, Inc., 517 6th St. at $10,560.
Plumbing to Frank J. Klimm, 221 Oak St. at $9692.

Contract Awarded.
STORES Cost, $22,000
BERKELEY, 2401-3-5-7 Telegraph Ave
One-story class C stores.
Owner—S. J. Newman.
Contractor — F. A. Muller, Syndicate Bldg., Oakland.

Contract Awarded.
STORE & LOFT Cost, $12,000
SAN FRANCISCO N Ellis 180 W Larkin
Two-story concrete store and loft.
Owner—Mrs. Francis Giani Coleman, care architect, 593 Market St.
Architect—E. J. Osborne, Balboa Bldg., San Francisco.
Contractor—P. Sartorio, 2149 Greenwich St., San Francisco.

Contract Awarded.
OFFICE BLDG. Cost, $15,000
SAN RAFAEL, Marin Co., Cal. S Fourth St. opp Court St.
One-story concrete store and post office building.
Owner—Louis Codo, San Rafael.
Lessee—U. S. Government.
Mgr. of Constr.—Capt. H. H Hearfield, Fairfax, Calif.

Completing Plans.
BANK BLDG. Cost, $100,000
SAN FRANCISCO, NW Valencia and 22nd Streets.
One-story reinforced concrete branch bank bldg.
Owner — Hibernian Savings & Loan Society.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St., San Francisco.

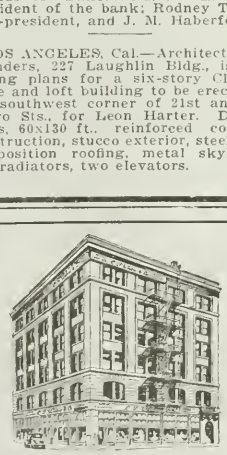
Contract Awarded.
STORE BLDG. Approx. $16,000
CALISTOGA, Napa Co., Cal.
One-story hollow tile and wire cut brick store building (2 stores).
Owner—Mr. Phillip and Mr. Hoover.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Contractor—Danta, Coulter & Rogers, Calistoga.

MARTINEZ, Contra Costa Co., Cal.—County Supervisors, J. H. Wells, clerk, purchases site in Walnut Creek on which it will erect Veterans' Memorial building. Construction will be started early in 1924.

LONG BEACH, Cal.—See "Theatres," this issue.

DELANO, Kern Co., Cal.—Growers Security Bank directors have had plans prepared for a new bank building to be erected at the corner of Ninth St. and Eleventh Ave. Building committee members are: Ray Rippey, Jerry Shields of Bakersfield, F. E. Green, president of the bank; Rodney Turner, vice-president, and J. M. Haberfelde.

LOS ANGELES, Cal.—Architect W. J. Saunders, 227 Laughlin Bldg., is preparing plans for a six-story Class A store and loft building to be erected at the southwest corner of 21st and San Pedro Sts., for Leon Harter. Dimensions, 60x130 ft., reinforced concrete construction, stucco exterior, steel sash, composition roofing, metal skylights, gas radiators, two elevators.



ANNOUNCING
Our New Location
601-609 MISSION ST.
Corner of Second
C. F. WEBER & CO.
San Francisco

LONG BEACH, Los Angeles Co., Cal. W. G. Reed, 814 Pacific Southwest Bldg., Broadway and American Ave., Long Beach, has the general contract at $76,400 for erecting a two-story bank, store and office building at 7th St. and Pine Ave., Long Beach, for the Long Beach Savings Bank. Davies & Baume, 1011 Farmers & Merchants Bk. Bldg., Long Beach, are the architects. Banking room and several stores in the first story, 22 offices above, brick walls, composition roofing, rug brick facing, plate glass, art stone trim, copper sash, tile window bases, marble entrance and bank floor, gas heating.

OAKLAND, Cal.—United Iron Works, 580 2nd St., Oakland, at $3394 awarded cont. by county supervisors to repair and strengthen floor in County Recorder's office to permit installation of heavy book cases. Henrick Iron Wks next low bidder at $3647.

DELANO, Kern Co., Cal.—Harry De Venney, T. E. Green and Rodney Turner, all of Delano, will finance erection of one-story brick office building, 25x120 ft., in 9th St., bet. 11th and 12th Sts. Will be occupied by Southern California Edison Co., on 10 year lease.

THEATRES

Planned.
REMODEL Cost, $30,000
SACRAMENTO, Cal., Lyric Theatre.
Remodel theatre (new heating & lighting system).
Owner—Rube Goldwater, 115 Dorris Pl. Stockton.

Plans To Be Prepared.
THEATRE, ETC. Cost, $50,000
SAN LEANDRO, Alameda Co., Cal. E-14th and San Joaquin Ave.
Theatre, store and oil station bldg.
Owner—Fred Schmidt, 1404 E-14th St., San Leandro.
Architect—None selected.

Preliminary Plans Being Prepared.
THEATRE Cost, $200,000
BERKELEY, Telegraph Ave. nr Channing Way.
Class A picture theatre.
Owner—Withheld.
Architect—Leonard H. Ford, 306 14th St., Oakland.
Construction will not be started until after the first of the year.

LONG BEACH, L. A. Co., Cal.—The West Coast Theaters Inc., Knickerbocker Bldg., Los Angeles, Frank L. Browne, div. mgr., Harry C. Arthur, gen. mgr., are reported announcing the erection of a 100x185 ft., 8-story, class A store, theater and office bldg. on the west alley corner on the north side of Ocean Ave., bet. American Ave. and Elm Ave., Long Beach. Walter Horne, I. E. Barker of Long Beach, and Guy S. Garner of Los Angeles, are associated in the promotion.

SUISUN, Cal.—See "Hotels," this issue.

RED BLUFF, Tehama Co., Cal.—C. N. Bostrum at $1500 submits only bid to superyisors to const. culvert over canal near the Hamilton Place. Bid includes pipe. Taken under advisement.

WHARVES AND DOCKS

To Be Done By Day's Work.
ALTER & ADD Cost, $10,300
OAKLAND, Key System Pier.
Alter and add to pier bldgs.
Owner—Key System.

NATIONAL CITY, Cal. — Work will start shortly on first unit of the new Blackman terminals. This will be a pier, 1350 ft., to extend into the bay nearly to the government bulkhead line. The company will be known as Blackman Terminals, Inc., National City. Among the incorporators are: Dudley R. Cooper, Arthur C. Blackman, John E. Blackman and Percy J. Paxton.

OAKLAND, Cal.—Bids were received on Nov. 22nd by Eugene K. Sturgis, city clerk, to construct brick veneer and architectural terra cotta front to pier shed at foot of Market street.

S. M. McPherson, 2151 Ashby Berkeley	$10,174
Mealy & Collins, S. F.	12,200
White & Gloor, S. F.	10,610

LONG BEACH, Cal.—Los Alamitos Amusement Co. applies to city council for permit to erect 700-ft. pier in Alamitos Bay dist| The pier would service the pavilion and other features of the amusement company's property.

OAKLAND, Cal.—Manufacturers of Emeryville, West Berkeley and Albany have organized the East Bay Terminal and Manufacturers' Association and contemplates the establishment of a $500,000 shipping terminal at the foot of Ashby Ave. in Berkeley in addition to general development of the northwestern waterfront. Articles of incorporation for the new association will be filed shortly. Plans for a bond issue to finance the terminal are well under way and the Federal Government has promised to dredge a channel from deep water to the terminal when sufficient achorage is assured. A. McKenzie of Emeryville is chairman of the New Industries Committee and Wm. J. Wallace of Oakland executive secretary of the association. George A Posey, county engineer for Alameda county, is directing engineer and R. S. Hawley, Emeryville, civil engineer, is consulting engineer on the project.

MISCELLANEOUS BUILDING CONSTRUCTION

Completing Plans.
TEL. EXCHANGE Cost, $300,000
SAN FRANCISCO, Bush and Larkin Streets.
Three-story and basement class A telephone exchange bldg.
Owner—Pacific Tel & Tel Co.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Plans will be ready for figures in about ten days.

Plans To Be Prepared
ADDITION $750,000 approx
SAN FRANCISCO, N Bush bet. Grant Ave. and Kearny St.
Class A addition to present building for central office and exchange.
Owner—Pacific Telephone & Telegraph Company.
Architect — Bliss & Faville, Balboa Bldg., San Francisco|
The height etc. has not been decided.

General Contract Awarded.
NURSES' HOME Cost, $500,000
SAN FRANCISCO, Sutter St., bet. Scott and Divisadero Sts.
Six-story class A nurses' home with roof garden and auditorium.
Owner—Mt. Zion Hospital.
Architects—Sylvain Schnaittacher, 233 Post St., and S Lightner Hyman, 68 Post St., San Francisco.
Barrett & Hilp, 918 Harrison St. have been awarded the general contract for all work except plumbing, heating, painting, electrical, elevators, light fixtures, linoleum on their bid of $208,000.

LOS ANGELES, Cal.—Archt. and Eng Truesdell & Newton, 304 San Fernando Bldg., have been commissioned to prepare plans for a war memorial statue to be erected in Pershing Square at the 6th and Hill Sts. cor. for the Army Association of the United States. It will be a large bronze figure of a doughboy mounted on a granite base 8 ft. sq., 10 ft. high, with bronze tablet. Humberto Pedretti has been selected by the architects as sculptor.

STOCKTON, San Joaquin Co., Cal.—W. E. French, 740 W-Oak St., Stockton, (interested in Stockton Mill & Wrecking Co.) has purchased site 50 by 100 ft., in Miner Ave., bet. Sutter and California Sts., and will erect a one or two-story business building early in 1924.

SACRAMENTO, Cal.—Articles of incorporation have been filed at Sacramento by the Bisbee Investment Co., capitalized at $500,000, whose purpose it is to construct a new union terminal for the electric lines serving Sacramento at 12th and I Sts. Geo. W. Bisbee, president of the Pioneer Fruit Co., is president of the company and W. C. Crittenden of San Francisco, vice-president. John A. Cleeak, Sacramento realtor, is also interested. Preliminary plans for the terminal have been prepared by Architects Woollett & Lamb, Mull Bldg., Sacramento.

LOS ANGELES, Cal.—Architect Albert C. Martin, 228 Higgins Bldg., has completed plans for a dormitory building to be erected on W. Pico St. near Arlington St. for the Home of the Good Shepherd. It will have refectory, 3 dormitory rooms, clinic, kitchen, vocational training rooms, library, classrooms and recreation center. Reinf. concr. constr., 4-stor., 53x203 ft., comp. rfg., steam htg., to be furnished from central plant, press, brick and terra cotta facing, hollow tile partitions, cement and maple floors, dumb waiter, pine trim, kitchen equipment, metal lath; this is the first unit of a group of buildings. Bids to be taken next week.

LOS ANGELES, Cal.—Until 3 P. M., Nov. 20, bids will be received by the Los Angeles Public Service Commission, 207 S. Broadway, for structural steel as follows:

Item 1—50 lengths 5-in. channel iron, 6.7 lbs. to the ft., each length approx. 30 ft. long.

Item 2—5 lengths 8-in. I beam, weighing 18 lbs. to the ft., each length approx. 30 ft. long.

Item 3—36 lengths 3-in. channel iron, weighing 4 lbs. to the ft., each length approx. 30 ft. long.

Item 4—50 lengths 2x2½x2½-in. angle iron, each length approx. 30 ft. long.

Bidders to quote lump sum net price on each item, delivered to depot's yards, 5796 Compton Ave. Spec. under Joint Adv. No. W-146. Jas. P. Vroman, Secy.

WOODLAND, Yolo Co., Cal. — City Eng. Asa Proctor preparing plans to remodel fire department quarters to house new apparatus to be delivered the city early in 1924.

SALINAS, Monterey Co., Cal.—City Engineer Howard Cozzens is preparing plans for grandstands to be erected at Rodeo Gronnds; est. cost $30,000; seating capacity bet. 8000 and 10,000.

LOS ANGELES, Cal.—Hugh E. and Warren T. Smith, 202 Detwiler Bldg., submitted low bid to county supervisors Nov. 19, at $62,650, for erecting four nurses' home bldgs. at Los Angeles general hospital. Bldgs. will be 2-story, 30x108 ft., 24 rooms each, frame constr, shingle rfs., connecting pergolas, pipe tunnels, steam htg. from central plant. Other bids were: C. R. Hovey, $76,333; Geo. F. Barber, $77,850; Fred F. Johnson, $78,485; Bennett & Waugh, $83,484; T. B. Young, $84,675; Rittenhouse Bros. $84,815; McFadden & Winkelman, $85,600; Escherich Bros., $86,000; Anton Johnson, $86,816; Gillis & Shepard, $86,860; Walter Slater Co., $88,000; Louis A. Geisler, $91,305; Pozzo Constr. Co., $95,000; G. Hanson, $98,184; H. W. Schlueter, $127,193.

W. H. Robinson, 710 Grosse Bldg., submitted low bid at (a) $13,586 and (b) $15,926, for plumbing and heating Other bids were: G. C. Sutton, (a) $18,785, (b) $19,758; Thomas Haverty Co., (a) $19,196; (b) $20,676; J. Hokom, (a) $19,898; (b) $22,623; Ashworth & Gallop, (a) $20,285, (b) $22,275; Lohrman Bros. (a) $20,835; (b) $22,375; Midgley Bros., (a) $21,730, (b) $22,943.

SAN FRANCISCO — See "Schools," this issue.

SACRAMENTO, Cal.—Until Nov. 30, 9:15 P. M., bids will be rec. by H. G. Denton, City Clerk, to erect fire station at 43rd and J Sts. Bids previously received for this structure were rejected, the low bid being submitted by Geo. D. Hudnut of Sacramento at $20,250. Cert. check 10% payable to city Controller req. with each bid. Plans on file in office of clerk. Dean & Dean, City Library Bldg., Sacramento, are the architects.

LOS ANGELES, Cal.—Southern California Telephone Co. will erect a class A bldg. for telephone switching equipment on Olive St., bet. 4th and 5th Sts. and extending through to Grand Ave. The site is 121x335 ft. The bldg. will be the full height limit although only 9 stories, especially designed for telephone company uses. Dimensions 120x200 ft., reinf. conc. and steel frame constr. Constr. work will be started early next year. Plans will be prepared in the San Francisco engineering offices, E. V. Cobby, chief engr.

LOS ANGELES, Cal.—Charles A. Fellows, Central Bldg., has been awarded the contract for a locomotive erecting shop bldg., to be erected at the Southern Pacific Alhambra Shops, for the Southern Pacific Ry. Co. It will be 80x498 ft., 52 ft. high, steel frame construction, brick walls, comp. rfg., conc. flrs., steel sash, wire glass, steel rolling doors, 24 engine pits, metal skylights, one 200-ton and two 15-ton traveling cranes; $200,000.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco.

D-930—Anchorage, Alaska. Two gentlemen control lease on hugh tract of standing hardwood (Birch) lumber. Some of this lumber has already been marketed along the Pacific Coast. They are anxious to communicate with parties interested in taking over their lease and developing this industry for Anchorage. Full details on file with the domestic trade bureau.

D-933—Wells, Delta Co., Mich. Manufacturers of refined wood products and charcoal pig iron are interested in establishing representation covering their products. Prefer connection with reputable concern who can arrange warehousing facilities.

D-934—Honolulu, T. H. — General Commission Agent and Factory Representative desires to get in touch with reliable firms seeking connections in the Islands.

D-935—Syracuse, N. Y. Manufacturers of locks and staple hardware desire to get in touch with a good representative who would be interested in representing and selling standard padlocks on strictly commission basis on restricted territory.

D-937—San Francisco. Experienced electrician and mechanical man wants agency or salesman's position.

D-938—San Francisco. Thoroughly experienced automobile mechanic desires connection. Has had 10 years experience on highest class cars. Open for appointment beginning of December, 1923.

D-941—Council Bluffs, Iowa. Inventor of garden hose brush, bound to be a big seller, desires to get in touch with Brush Company that hat the facilities of distribution and manufacturing.

7648—Shanghai, China. Manufacturers' representative seeks connections with Pacific Coast manufacturers of paint brushes, oilcloth, bath tubs and bathroom equipment not already represented in Shanghai and vicinity.

7653—Brussels, Belgium. Party offers Belgian cement guaranteed to pass the U. S. Standard test. Connection with importer wanted.

7656 — Hamburg, Germany. Firm wants a sole agent for its electrical fans, motors and appliances.

7657—Berlin, Germany. Firm desires a sales representative for its electric table lamps and cooking apparatus.

7658—Bradenburg, Germany. Manufacturer of name plates, enamel signs and metal advertising novelties desires a selling representative in San Francisco.

7663—Victoria, B. C. Exporters, in a position to offer a large number of cedar poles for shipment during the next year, desire to communicate with buyers in this locality.

7664 — San Francisco, Calif. Representative of Portland cement manufacturers of Finland will quote c. i. f. San Francisco, and guarantee quality. Delivery can be made in 35 days. Prices said to be below market price.

Leads for Business

SHOES—Frank Errico (repairing) 182 to 9 Gough.
SIGNS—Sykes Show Card Co., 660 Market to 235 Montgomery.
C. J. Ware, 1682 Eddy.
SOAP AND CLEANSERS—N. K. Fairbang Co., Fife Building to 112 Market.
SPORTING GOODS—Carley Rates Co. 45 2nd.
SPRAYING EQUIPMENT — Niagara Sprayer Co. (342 Washington) warehouse SE Taylor and North Point.
SPRINGS—Simplex Air Spring Co., R. M. Gruss, 179 Grove to 3320 20th.
STEAM SPECIALISTS—J. I. Krueger, Pacific Building to Lackman Bldg.
STEEL—Republic Steel Co., 733 Brannan.
STUDIOS—Java Batik Studio, 563 Sutter.
TAILORS—Albert Tailoring Co., 1665 Market.
W. Kelnhofer, 325 Kearny.
Mason's, 25 Kearny to SE Kearny and Post in January.
National Tailors and Cleaners (A. S. Kiwan) 506 Bush.
Harry Shankow, 1198 Jackson to 123 Fifth.
TIME RECORDERS—F. A. Thomas Co. Wells Fargo Building to 47 2nd.
TRANSPORTATION — Transcontinental Passenger Assn., 976 Monadnock Building.
VITICULTURE — Yuba Vineyard Co., 602 Montgomery.
MISCELLANEOUS—R. P. Sherman, 260 California.
Kiddie Shop, 3049 Mission.
Pace Club of San Francisco, Lachman Building to 38 Sansome.
Bureau For The Handicapped, 604 Mission.
Edna May Bayless, Hobart Bldg.
Pacific Ditch Lining Co., 260 California.
Beitmuller & Antone, 3489 Mission.
LEASES—Nov. 5, 1923—P H Rulffs to Arthur G Smith—W Laguna bet Fell and Hayes No 525 Laguna St 5 yrs $1200.
Oct. 24, 1923—R X Ryan to Irving C Foster and Cecilia Evans—N Geary 62-6 W Jones W 50 N 137-6 E 25 S 50 E 25 S 87-6 50v 282 7 yrs $136,500.
RESTAURANT—H. Jacobs, 117 Taylor.
Chas. Kass, 1740 Fillmore.
Veteran's Cafe, 1603 Pacific Ave.
TAILORS — Baltimore Ladies Tailor, 1803 Post.
FURNITURE—De Luxe Furniture Co., 829 Clement.
BEAUTY PARLORS—Del Marie Beauty Shop, 897 Geary.
AUTOMOTIVE — Flood Garage, 261 Ellis.
SHOES—Frank Shoe Shop, 458 Geary.
CLOTHING — Gardner & Mailis, 1171 Market.
OFFICE—F. O. Gilbride, 2253 Suter.

CIGARS—E. W. Jones, 2401 Fillmore.
LEASES—Oct. 24, 1923—Robert Smith to San Francisco Cleaning & Dyeing Works—5419 Geary St. 5 yrs $5520.
Oct. 20, 1923—Robert H. Smith to Mrs Martha Zander—5409 Geary St 5 yrs $75 per mo. etc.
Oct. 25, 1923—Mary Hannigan to Gus and Minnie Sucher—NE cor. Mission & 18th Sts. No. 2191 Mission St. 5 yrs $16,500.
Nov. 17, 1923—H D Freiermuth to Elizabeth Tunison—N Union bet Fillmore and Webster No 2186 Union st 5 yrs $6360.
——David Moscone to James O Sherburn—1786 Lombard st 2 yrs $480.
Nov. —, 23—Charles N and William H Conlin to W T Emmett and E W Levy—NW Haight & Gough No 1 Gough st 5 yrs $8700.
NOVELTIES—Pencil Lockit Co. (with Marnell & Co.) 761 Market.
PRINTING—Partmann Bros. (Cloister Press) 1289 Howard to 247 9th.
PRODUCE—Hickman Produce Co., 910 Harrison.
PUBLISHERS — Building Review, Chronicle Building to 345 Battery.
The Minute-Men Press, 615 Commercial to 43 Belden.
Vanderbilt Newspapers Inc. (P. D. Askew and Geo. North) 401 Phelan Building, Plant 56 12th.
RADIO — United Radio Supplies Co., 1138 Sutter to Williams Bldg.
REAL ESTATE — Krigbaum Marcellus & Co., 156 Montgomery to 714 Market.
Nicholas La Cava, 626 Montgomery.
J. E. Mighell Co., 133 Kearny to 40 Montgomery.
Phillips & Wernse (formerly Wernse & Ingram) 681 Market.
Panama Plantation & Timber Co., 220 Montgomery.
G. W. Stretter, French Bank Bldg.
H. O. Trowbridge, 821 Market to Lackman Bldg.
Calif. Real Estate Exchange, 156 Montgomery to 714 Market.
Clear Lake Highlands Inc., 285 O'Farrell.
Fig Gardens Inc. (J. C. Forker) Hearst Bldg.
F. W. Gregory, Chronicle Building to Hearst Bldg.
RESTAURANT — D. Covaia, 1030 Kearny.
Evereat Restaurant, 829 Kearny.
Gregovich & Novak, 5 Pacific.
George Karas, 252 Clement.
Lim Restaurant, 1090 Golden Gate Ave.
Liddell's Coffee Shop, 405 Washington.
Beaulah McCanne, 555 Sutter.
G. Sferrazza, 641 Vallejo.
SHOES—Central Sales Corp. (wholesale) J. G. Simon, 404 Sharon Bldg.
Keig Shoe Co. (R. M. Lawrence) Gillette Bldg.

LEASES—Nov. 14, 1923—Richard Garnett to James and Marie Joyce—SE cor 4th & Jessie sts No 71 4th St 3 yrs $12,600.
Oct. 22, 1923—Gertrude Mejia to Phil and Sadie Harris—N Bush bet Stockton and Powell No. 626 Bush St 5 years $33,130.
AUTOMOTIVE — W. S. Brownlee, 528 Gough.
C. L. Backett (shop) 2020 Van Ness Avenue.
BEAUTY PARLORS — Sario's Beauty Shop, 311 Eddy.
CANDY—Mrs. G. Titejen, 1566 Divisadero.
FLORISTS—G. Bottini, 430 Bush.
INVESTMENTS—F. H. Crosby, 576 Sacramento to 405 Sansome.
H & W Pearce Inc., 728 Montgomery to 353 Sacramento.
LADIES' APPAREL — Mission Waist Shop, 2254 Mission.
MFRS. AGENTS—J. S. Anderson, 655 Montgomery.
REAL ESTATE—W. H. McCoy & Co., 240 Montgomery.
De Laveage Estate Co., 244 California to Matson Bldg.
STOCKS AND BONDS—D. C. Aldridge, 321 Bush.
STUDIOS—Hazel Watrons and Ethel Denny (music) 400 Stockton.
WELDING APPARATUS—G. A. Gehlert, 309 Clementina.
MISCELLANEOUS—Vulea Laboratories (E. J. Brickwodel) 147 Bartlett.
LEASES—Nov. 1, '23—Victorine Bracq and Simon Bidalot and Simon Cazale —S California 32-6 E 13th ave E 25 by S 100 10 yrs $12,000.
And right of way over 5039-41 California St.
Nov. 15, 1923—Mary Ellen Butler, Genevieve Butler and Alice Butler to Max and Mabel Mamlock—NW Ellis to Max and Mabel Mamlock—NW Ellis & Powell W 39-6 x N 44 6 yrs $79,-200.
ATTORNEYS—U. S. Attorney General opening Fair Bldg.
AUTOMOTIVE—W. S. Brownlee, 520 Gough.
BEAUTY PARLORS—Del Marie Beauty Shop, 897 Geary.
CANDY—R. Pucci, 1551 Sanchez.
CLEANING & DYEING—B. Gutterman, 1120 Fillmore.
CLOTHING — Gardner & Mailis, 1171 Market.
FLORISTS—Holland Bulb Co. (with De Vries Trading Co.) Mills Bldg. to 210 California.
FURNITURE—De Luxe Furniture Co., 829 Clement.
HABERDASHERY—D. Mulready & Co., 1744 to 1699 Haight.
INSURANCE — W. G. McGowan, 460 Montgomery to 110 Sutter.
INVESTMENTS—H. & W. Pierce, Inc., 720 Montgomery to 353 Sacramento.

Official Proposals

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., the dates indicated below,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, of portions of State Highway as follows:

Proposals to be opened December 17, 1923:

Sacramento County between Old Elk Grove and Sacramento (III-Sac-4-B), about nine (9.0) miles in length, to be paved with Portland cement concrete.

Nevada County, between Truckee and Boca (III-Nev-38-A), about seven and three-tenths (7.3) miles in length, to be graded.

Proposals to be opened December 18, 1923:

Shasta County, between Bayha and Halfway Creek (II-Sha-3-B&C), about nine and nine-tenths (9.9) miles in length, to be graded and surfaced with crushed gravel or broken stone.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made at as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: November 19, 1923.

NOTICE TO BIDDERS

(City of Red Bluff—Pipe)

NOTICE is hereby given that sealed proposals will be received by the Clerk of the City of Red Bluff, Tehama County, State of California, for supplying said City with 2500 feet or more of 12-inch No. 10 iron riveted water pipe, to be delivered in said City of Red Bluff. Bids will be received by the Board of Trustees of said city **on Monday evening, December 3, 1923, up to 7:15 o'clock.**

A certified check for ten per cent of the amount bid to accompany each bid.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

The Board reserves the right to reject any and all bids.

The bid must be for said pipe dipped.

Red Bluff, California, November 15, 1923.

E. F. LENNON,
Clerk of said Board of Trustees.

NOTICE TO CONTRACTORS

(Durham High School District)

Notice is hereby given that the undersigned, as trustees of the Durham High School District, Durham, Butte County, California, will receive up to the hour of **3:00 o'clock p. m., of Saturday, December 3, 1923** sealed bids for the construction of a high school building, also septic tank and drainage system. All to be on the property of the Durham Union High School District, Durham, Butte County, California, and to be in acordance to the plans and specifications for same prepared by Cole and Brouchard, architects, Fourth and Broadway streets, Chico, California.

Plans may be had from the architects upon deposit of twenty-five dollars ($25.00), for their return in good order.

Each bid shall be accompanied by a check certified to by a responsible Bank in the amount of five (5%) per cent of the bid. Proposals may be accompanied by cash in place of certified check if the contractor so desires.

The Board of Trustees reserves the right to reject any or all bids.

Bids are to be sent to or filed with the architects. Bids will be opened at the Durham grammar school, Durham, California, at 3:30 p. m. on the date above given for receiving bids.

FRANK ROLLINS, Pres.
GEO. W. JONES.
G. H. CUNNINGHAM.
A. S. JOHNSON.
F. M. HALL.

BIDS WANTED FOR U. S. VETERANS' HOSPITAL AT LIVERMORE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be opened in Room #791, U. S Veterans' Bureau, Arlington Building, Washington, D. C., at 11 A. M., December 22, 1923, for construction complete of Infirmary; Administration, Mess, and Kitchen buildings; Recreation building; Nurses' Quarters; Attendants' Quarters; Garage; Storehouse; Boiler house and Laundry; Occupational-Thearapy buildings; Ambulant cottages; Officers' Quarters; Including mechanical equipment and Outside service lines except grading, roads and walks at the U. S. Veterans' Hospital, Livermore, California. SEPARATE PROPOSALS will be received for Building construction; central heating, including boiler plant and heating equipment for all buildings; Water Supply, Plumbing and sewers; electrical equipment; Elevators; Refrigerating plant; and stacks; all as set forth on proposal sheet. Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract, and who have established a record for satisfactory work and expedition on contracts of similar character and magnitude.

Drawings and specifications may be obtained upon application to the Construction Division, U. S. Veterans' Bureau, Room #791-A, Arlington Building, Washington, D. C., or to Wm. H. Radcliffe, Bureau Representative, Livermore, California. Deposit with application of a certified check or Postal money order, in amount $100.00, payable to the Treasurer of the United States, is required for the safe return of drawings and specifications within ten days from date of opening proposals.

Frank T. Hines, Director, November 17, 1923.

BIDS WANTED FOR STATE HIGHWAY

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., December 3, 1923,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Shasta County, between Redding and Bayha (II-Sha-3-B), about nine and nine-tenths (9.9) miles in length, to be paved with Portland cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno and Los Angeles.

No Bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: November 5, 1923.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Engineering News Section

BRIDGES

SAN JOSE, Santa Clara Co., Cal. — Until Dec. 17, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to repair Montague road bridge floor over Guadalupe creek, in Supervisor Districts Noc. 3 and 4. Plans on file in office of clerk. Robt. Chandler, county surveyor.

RED BLUFF, Tehama Co., Cal. — Until Dec. 6, 10 a. m., bids will be rec. by H. G. Kuhn, county clerk, to const. bridge over canal near Hamilton Place on Red Bluff-Tehama rd., Supervisor Dist. 5. Cert. check 10% payable to Chairman of Bd. of Sups. req. W. F. Lunning, county surv.

SEATTLE, Wash.—See "Government Work and Supplies," this issue. Bids wanted for 200-ft. thru steel riveted span.

SALINAS, Monterey Co., Cal.—No bids rec. by Supervisors Nov. 19 to const. highway bridge over Arroyo Seco river on Greenfield-Arroyo Seco road, in Rd. Dist. No. 3 and County Surveyor Howard Cozzens instructed to proceed with work by day labor.

LOS ANGELES, Cal.—Frank H. Greene, 1328 S. Western Ave., submitted low bid to supervisors at $14,200 to const. bridge on Palmdale-Valyermo road, over Little Rock creek. Other bids: Hubert Constr. Co., $14,330; Wm. Ledbetter Co., $15,350; deWaard & Cobham, $16,900; H. E. Richardson, $17,171; Mercereau Bridge & Constr. Co., $21,173.

LOS ANGELES, Cal.—Lipscomb & Dutton, 4362 Maryland St., San Diego, submitted low bid to supervisros at $13,220 to const. bridge on Florence Ave. over new channel of the Los Angeles river. Other bids: John Simpson & Co., $13,750; W. M. Ledbetter & Co., $14,425; Murdock & Condee, $14,473; Hubert Constr. Co., $14,498; Frank H. Greene, $14,500; Mercerceau Bridge & Constr. Co., $16,417.

RIVERSIDE, Cal.—County supervisors authorize const. of 2 bridges over Temecula river and one over Dry creek on Temecula-Warner ranch road. Est. cost, $10,000. Some of the lumber will be salvaged from the West Riverside bridge.

DREDGING, HARBOR WORKS AND EXCAVATIONS

ALAMEDA, Alameda Co., Cal.—Neptune Beach Co., will let contracts shortly to fill in approx. 16 acres of land projecting into San Francisco Bay from Washington Park to a point near Sixth St. Construction of a seawall projecting 700 ft. out into the bay and 1550 ft. long will be constructed to provide additional grounds at the amusement center. Following completion of the sea wall the 16 acres will be covered with Monterey Beach sand.

HANFORD, Kings Co., Cal.—Until Dec. 5, bids will be rec. by County Treasurer for purchase of $105,000 bond issue of Tulare Lake Reclamation District No. 749, Kings county. No bids will be considered for less than 80% of face value of bonds.

SANTA MARIA, Cal.—Santa Maria citizens promoting reclamation dist. to open mouth of Santa Maria river to prevent overflow on farm lands. It is probable that the preparation of the river mouth will be done at the same time as the work on the proposed $4,000,000 irrigation project.

BLYTHE, Cal.—See "Irrigation Projects," this issue.

SAN BERNARDINO, Cal.—City council plans election to vote $150,000 bond issue to finance const. of storm protection dist. extending from the n.e. part of San Bernardino east to Del Rosa. Plans have been prepared by City Engr. C. E. Johnson, and call for const. of canal 1800 ft. long, from Waterman Canyon outlet, north of the city, east to Twin Creek.

SACRAMENTO, Cal. — Major U. S. Grant, III, Dist. Eng. War Department, conferring with Sacramento Chamber of Commerce regarding installation of system of locks and dams in Sacramento river to solve deep water shipping and to make the river more easily navigable between Sacramento and Red Bluff as well as between Sacramento and San Francisco Bay. The plans is of such a nature that Federal appropriations can be secured for the work.

OAKLAND, Cal. — Election will be held early in 1924 to vote bonds of $4,500,000 to finance harbor improvements. In addition to dredging, the work will include the construction of a solid fill pier approx. 6000 ft. long, 900 t. wide entirely surrounded by deep water and carrying railroad tracks, roads and warehouse facilities.

CRESCENT CITY, Del Norte Co., Cal. Senator Shortridge of California will introduce bill seeking authorization of Chief of Army Engineers for survey at Crescent City harbor with a view to making that point a harbor of refuge. The War Department wants three more harbors of refuge on the Pacific Coast and favors Crescent City as the location for one of them. It would be necessary to extend the seawall there several thousand feet.

IRRIGATION PROJECTS

MERCED, Merced Co., Cal.—Joshua Hendy Iron Works, 75 Fremont St., San Francisco, at $6965 submits low bid to Merced Irrigation Dist. for furnishing 2 sluice gates, 277 static head operated under 100 ft. and of from 28 to 30 ft. to discharge 6-ft. dia. sluiceway for Exchequer dam project. Other bids were: R. Bancroft & Sons Co., Merced, $9430; Coffin Valve Co., $9050; Union Machine Co., $12,380. Taken under advisement. Starr-Thebo-Anderton consulting engineers, Sharon Bldg., San Francisco.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

ANDERSON, Shasta Co., Cal.—Directors of Anderson-Cottonwood Irrigation District instruct John H. Larkin, district engineer, to estimate costs of following improvements to be undertaken in the immediate future: Lower main canal to grade; enlarge siphons and bridge crossings to increase capacity of main canal in addition to minor improvements to numerous laterals in the district. The district has $25,000 available for the work.

SUCCESS, Tulare Co., Cal.—Work of cementing the entire distributing system of the South Tule Independent Ditch Company will not be continued at this time, according to E. A. Fisher, president of the company, due to the fact that the State Corporation Department has not yet approved the sale of the company's first mortgage bonds. It was proposed to expend $50,000 in the improvements.

OAKDALE, Stanislaus Co., Cal. — Oakdale Irrigation District votes bonds of $175,000 to finance concrete lining of canals, lateral extensions and purchase of steam shovel, the latter to cost approx. $15,000.

LIGHTING SYSTEMS

SACRAMENTO, Cal.—Until Nov. 30, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, for fur. and install 104 ornamental electroliers, including foundations, globes, switches, wiring, conduits and laying conduit system therefor in portions of 12th St. and I St. (Electrolier Lighting District No. 12). Cert. check 10% payable to City Controller req. Plans on file in office of clerk. Albert Givan, city eng.

LOS ANGELES, Cal.—Supervisors declare inten. to const. ornamental light system on Washington Blvd. bet. W. boundary of Los Angeles and E boundary of Culver City, consisting of 130 concrete light posts, cables, conduits, wires, etc.; 1921 Act.

ORANGE, Cal.—Walker & Martin, Fullerton, submitted low bid to council at $2700 to const. ornam. light system on Cambridge St., bet. Chapman Ave. and Palm St. Other bids were: Robertson Elec. Co., Santa Ana, $3190; W. M. Beatty, Santa Ana, $3200.

LOS ANGELES, Cal.—A. C. Rice, 1963 Santee St., Los Angeles, submitted low bid to supervisors at $9,100 to install. ornam. light. system in Graham Lighting District. Other bids were: D. S. McEwan, $10,824.90; H. H. Walker, $12,255; Newbery Electric Co., $12,478.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Dec. 3, bids will be rec. by council to const. cem. conc. lighting posts and appliances in D St., bet. 116 ft. n of Third St. and Highland Ave. 1911 act. J. H. Osborn, city clerk.

REDLANDS, Cal.—City trustees declare inten. to const. ornam. lighting system on East State St., bet. 6th and Church Sts., involv. 24 posts, appliances, conduit, lamps, ets.; 1911 act. C. P. Hook, city clerk.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 3, bids will be rec. by Bd. Pub. Wks. to const. ornam. light system in Arden Blvd., bet. Rosewood Ave. and Third St. and portions of El Centro Ave. Spec. on file at office of the city electrician, n. city hall annex. H. B. Ferris, secy. of the board.

REDLANDS, Cal.—City trustees declare inten. to const. 24 ornam. lighting posts on East State St., bet. 6th and Church Sts.; 1911 Act. C. P. Hook, city clerk.

SACRAMENTO, Cal.—Day Electrical Co., 929½ K St., Sacramento, at $2017 submitted low bid to county supervisors to fur. and install lighting fixtures in county hospital. Other bids: Roberts Mfg. Co., San Francisco, $2780; Boyd Light Fixture Co., San Francisco, $2,750. Taken under advisement. R. A. Herold, architect, Forum Bldg., Sacramento.

RED BLUFF, Tehama Co., Cal.—County Supervisors reject bids for repairs to old county court house and new plans will be prepared providing for additional improvements and heavier walls in certain portions of the structure. Low bid, under last call, was $2,409. H. G. Kuhn is county clerk.

MACHINERY & EQUIPMENT

SAN FRANCISCO—Until Nov. 30, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 4972-515 for fur. and del, Rio Vista, Solano County:

One high speed chain hoist, 6-ton capacity, height of lift 12 ft.; shortest distance between hooks not over 41 inches.

One Iron Winch, double purchase hand power, single drum with brake, cast iron frame and gears, capacity for 4 men, size of drum 5x18 in. dia gear 25 in. pinion 4 in., capacity 2 men pull 25,000 lbs.

Further information together with copy of specifications obtainable from above office.

LOS ANGELES, Cal.—Until 3 P. M. Dec. 3, bids will be rec. by director of the public library, Metropolitan Bldg., for 1-ton to 1½-ton auto truck chassis. Spec. on file at office of the board. Everett R. Perry, sec'y.

YUBA CITY, Sutter Co., Cal.—City trustees will purchase street sweeper. C. C. Kline, city clerk.

OAKLAND, Stanislaus Co., Cal. — Oakdale Irrigation District votes bonds of $15,000 to finance purchase of steam shovel. M. P. Kearney, Secretary of district.

SAN JOSE, Santa Clara Co., Cal.—Until Dec. 3, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for one Cletrac for use in Road District No. 1. Spec. on file in office of clerk. Robt. Chandler, county surveyor.

RAILROADS

YERINGTON, Nevada. — Following election of new offices and directors the Nevada Copper Belt Railroad ordered that estimates of cost be prepared to extend the railroad to Wellinton and Yerington. Jas. G. Berryhill interested in the Nevada Douglas Copper and other mining companies, is the new president of the railroad. W. H. Wattis, president of the Utah Construction Company, was named vice-president and J. I. Wilson, Yerington banker, secretary and treasurer.

PRESCOTT, Ariz.—Santa Fe Ry. plans improvements to the yards at Prescott costing $125,000. This does not include the proposed bridge over Granite Creek.

YREKA, Siskiyou Co., Cal. — Extension of the Yreka Railroad, running from Montague to Yreka, westward into Scott Valley and ultimately to the coast, is contemplated. Yreka Chamber of Commerce is back of movement.

SAN FRANCISCO—Southern Pacific Co., S. P. Bldg., seeks permit from Interstate Commerce Commission for authority to issue and sell $23,000,100 of 5% trust certificates; proceeds to be used in part payment of 129 locomotives, 9147 freight cars and other rolling stock at $37,260,000.

FIRE ALARM SYSTEMS

BURLINGAME, San Mateo Co., Cal.—City trustees approve spec. of W. J. Dessin, fire chief, for installation of siren to cost approx. $1,100.

SACRAMENTO, Cal. — Sweetser & Baldwin Safe Co., Los Angeles, at $2600 awarded cont. by supervisors to install burglar alarm system in county treasurers' office. American Bank Protection Company's system will be installed.

SACRAMENTO, Cal.—Standard Underground Cable Co., San Francisco, at approx. $1,800 awarded cont. by city council to furnish 6,000 ft. lead covered cable for police and fire alarm system extensions. Western Electric Co., San Francisco, at approx. $680 awarded cont. to furnish approx. 10 miles of wire for systems.

SACRAMENTO, Cal.—Sweetser-Baldwin Safe Co., Los Angeles at $2600 submits only bid to county supervisors to install burglar alarm system in office of county treasurer. Taken under advisement. Harry W. Hall, county clk.

FIRE EQUIPMENT

OAKLAND, Cal.—East Bay Water Co., 512 16th St., Oakland, contemplates early construction of Upper San Leandro water project involving an expenditure of approx. $3,00,000. Application will be made to the State Railroad Commission shortly seeking authorization to proceed with this work. The project calls for the construction of a hydraulic-fill dam approximately 685 ft. long at the crest and containing 1,200,000 cu. yds. of material; reservoir formed by the dam will have capacity of approx. 13,600,000,000 gals. Reservoir is located about 15 miles s. e. of Oakland. Edwin O. Edgerton is president of the East Bay Water Company.

SELMA, Fresno Co., Cal.—Until Dec. 3, 7:30 p. m., bids will be rec. by E. P. Todd, city clerk, for fur. and del. two fire engines. Cert. check 10% payable to Luther Jones, president Board of City Trustees, req. Spec. on file in office of city clerk, 1919 High St.

ALAMEDA, Alameda Co., Cal.—Until Nov. 27, 5 P. M., bids will be rec. by C. J. DuFour, Sec'y., Board of Education, for fur. and del. fire hose, cotton, rubber-lined, first quality, coupled in 50 ft. lengths. Bids will be considered as follows: (1) 950 ft. 1-in.; (2) 200 ft. 1½-in.; (3) 2900 ft. 1½-in., all to be delivered f. o. b. various Alameda schools. Where bid is $500 or more, cert. check 10% must accompany same. Further information obtainable from secretary.

PETALUMA, Sonoma Co., Cal.—City council will call election to vote bonds to finance erection of new firehouse and purchase of motorized equipment. Lyman Green, City Clerk.

RESERVOIRS AND DAMS

LOS ANGELES, Cal.—Until 11 a. m., Jan. 7, bids will be rec. by supervisors of Los Angeles flood control dist, for core and test drilling, for the testing of the underlying formations for a dam site, the location for which is just below the confluence of the west fork of the San Gabriel river with the main San Gabriel river, 11 mi. north of Azusa, and about 33 mi. n.e. from Los Angeles. For further information regarding drilling, etc. spec. on file at office of supervisors.

PIPE LINES, WELLS, ETC.

LONG BEACH, Cal.—U. S. Cast Iron Pipe & Fdy Co., Birmingham, Ala., awarded cont. by council at $227,214.87 for fur. 12-in., 8-in. and 6-in. cast iron water pipe.

PASADENA, Cal. — Bids are being taken by the Pasadena water dept. for 1000 tons of cast iron for mains in Green St. and two new subdivisions. Included in the order will be 12,000 ft. 4-in., 16,000 ft. 6-in., 16,000 8-in. and 4000 ft. 12-in. pipe. S. B. Morris, chief water engineer.

RED BLUFF, Tehama Co., Cal.—Until Dec. 3, 7:15 p. m., bids will be rec. by E. F. Lennon, city clerk, for fur. 2500 ft. or more 12-in. No. 10 iron riveted water pipe, delivered Red Bluff. Cert. check 10% req. with each bid. Further information obtainable from city clerk. **See call for bids under official proposal section in this issue.**

SAN BERNARDINO, Cal.—Crane Co., 319 E. 3rd St., Los Angeles, awarded contr. by council for fur. water dept. with a quantity of screw pipe as follows; 5000 ft. 2-in. at $17.55; 5000 ft. 2½-in. at $27.75; 10,000 ft. 3-in. at $36.29; 5000 ft. 4-in. at $54.93; award was made on delivery—immediate delivery within one week from date of order.

National Cast Iron Pipe Co. awarded contr. for the cast iron pipe as follows: 5000 ft. 4-in. pipe at 79c ft.; 8000 ft. 6-in. pipe at $1.15 ft.

EUREKA, Humboldt Co., Cal. — American Cast Iron Pipe Co., Balboa Bldg., San Francisco, awarded cont. by city council for fur. 1,300 ft. 6-in. pipe at $1.17 ft.; and 900 ft. 8-in. pipe at $1.66 ft.

EUREKA, Humboldt Co., Cal.—City council, A. Walter Kildale, Clerk, will ask bids at once for furnishing and delivering 5,800 ft. 12-in. water pipe. H. H. Hannah, City Eng.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

ENGINEERING, INDUSTRIAL, TECHNICAL & SCIENTIFIC BOOKS
TECHNICAL BOOK COMPANY
Mills Building -- San Francisco
Phone Garfield 19
REPRESENTING
D. Van Nostrand Co., John Wiley & Sons, Inc., J. B. Lippincott Co., Longmans, Green & Co.

MISCELLANEOUS CONSTRUCTION

MARYSVILLE, Yuba Co., Cal.—Until Dec. 2, 8 P. M., bids will be rec. by E. B. Stanwood, City Clerk, to const. Nye Odorless or equal garbage incinerator. Cert. check 10% payable to city req. J. O. Wanzer, City Mgr.

WOODLAND, Yolo Co., Cal. — Dr. F. W. Wells and M. W. Hartzell, formerly of Kansas, have located in Woodland and plan early construction of an automobile camping grounds which will be centered with an apartment court and considerable landscape work. Preliminary plans for camp are being made.

FRESNO, Fresno Co., Cal. — Service Rock Co., H. W. Jones, mgr., has leased 600 acres of gravel and sand on San Joaquin river near El Prado and will expend approximately $300,000 in new buildings, equipment and development of the gravel beds.

LOS ANGELES, Cal.—R. H. Bacon of city engineer's office is preparing plans for a subway to be const. under Sunset Blvd., to accommodate the children at the Micheltorena school; est. cost, $10,400. It will be 76 ft. long, 12 ft. beneath the surface. The tube will be concr., 6 ft. wide and 7 ft. high. Five foot stairways will be installed at each entrance.

WATER WORKS

MERCED, Merced Co., Cal.—Joshua Hendy Iron Works, 75 Fremont St., San Francisco, at $6,965 submits low bid to Merced Irrigation Dist., for furnishing 2 sluice gates, 277 static head operated under 100 ft. and of from 28 to 30 ft. to discharge 6 ft. dia, sluiceway for Exchequer dam project. Other bids were: R. Barcroft & Sons Co., Merced, $9,430; Coffin Valve Co., $9,050; Union Machine Co., $12,380. Taken under advisement. Starr-Thebo-Anderton, consulting engineers, Sharon Bldg., San Francisco.

SANTA BARBARA, Cal.—Sam Hunter, Santa Barbara, awarded cont. by council at $37,109.43 to const. water mains in the Cliff Drive district.

LOS ANGELES, Cal.—Until 3 p. m., Nov. 30, bids will be rec. by public service comm., 207 S Broadway, for curb and corporation cocks and lead flanged unions. Joint adv. No. W-151. Jas. P. Vroman, secy.

LOS ANGELES, Cal. — Archt. Chas. Kyson, 6034 Hollywood Blvd., has prepared plans for observation and water tower, 43x36 ft., 65 ft. high at Forest Lawn Cemetery, Glendale; Amer. Sec. & Fidelity Co., 1219 Hollingsworth Bldg., Los Angeles, owners; contr. for structural work on towers and for steel tank let to Llewellyn Iron Works; the tower will be enclosed with an architectural structure faced with waterproof cement, and roofed with steel roof covered with 5-ply asbestos; figures now being taken for this portion of the work; est. cost, $21,000.

SACRAMENTO, Cal.—Until Dec. 3, 5 p. m., bids will be rec. by Chas. C. Hughes, secy Board of Education, to fur. and install sprinkler system. Cert. check 10% payable to Board of Education req. Plans obtainable from Business Manager of Board, 301 City Hall.

EUREKA, Humboldt Co., Cal.—City council, A. Walter Kildale, Clerk, appropriates $700 for preliminary survey by Harry Hannah, City Eng., for a new water system.

EL SEGUNDO, Cal.—Until 8 p. m., Dec. 11, bids will be rec. by city clerk for trenching, backfilling and laying 2000 ft. 10-in., 7460 ft. 8-in., 7250 ft. 6-in., 11,500 ft. 4-in. B and S cast iron, and 2000 ft. 2-in. standard screw pipe. Olmsted & Gillelen, 1112 Hollingsworth Bldg., Los Angeles, consulting engrs. Spec. upon deposit of $2.50. Cert. check or bond 10%. Victor D. McCarthy, city clerk.

LEMOORE, Kings Co., Cal.—Election will be held Dec. 31 to vote bonds of $15,000 to finance extensions to water system.

PLAYGROUNDS AND PARKS

PALO ALTO, Santa Clara Co., Cal.—City Planning Commission has submitted report to City Council covering proposed park improvements. Frank Kasson is city clerk.

FRESNO, Fresno Co., Cal.—Until 5 P. M., Dec. 13, bids will be received by the Board of Education for fencing for Fresno public schools. Spec. on file with secy., L. L. Smith, 2525 Tuolumne St.; cert. check, 10%.

SAN MATEO COUNTY, Calif.—Until Nov. 26, (time not set), bids will be rec. by H. A. Mason, secy. Joint Highway District No. 1 of the State of California, at the office of the Board of Supervisors, City Hall, San Francisco, for fencing on state highway known as Skyline Blvd. from Sneath road to Half Moon Bay rd., involv. approx. 18 mi. of fencing. Blanks for bidding and further information obtainable from Engineer of District, Room 211, State Bldg., Civic Center, San Francisco.

SALINAS, Monterey Co., Cal. — City Eng. Howard Cozzens instructed by council to compile estimates of costs to install posts and wire fencing at tennis courts in Central Avenue Park; also for wire fencing around south side of municipal auto park.

RICHMOND, Contra Costa Co., Cal.—John Silveria, Richmond, at $1168 awarded cont. by city council to make fill at Elm Park.

SEWERS & STREET WORK

LOS ANGELES, Cal.—Tyron & Brain, 201 Tajo Bldg., Los Angeles, submitted low bid to Bd. Pub. Wks. at $335,862 for imp. Figueroa St., bet. Manchester Ave. and 120th St., involv. grading $29,500 (lump sum); 786,105 sq. ft. 6-in. conc. paving 24c ft.; 32,240 sq. ft. 2-in. bitum. base paving 12c ft.; 21,232 ft. curb 60c ft.; 63,746 sq. ft. walk 20c ft; san. sewer $87,100. Other bids were:

Geo. H. Oswald—$30,000 grading; 23c conc. paving; 10c bitum. paving; 65c curb; 20c walk; $98,000 san. sewer; total, $338,778.15.

Griffith Co.—$39,000 grading; 24c conc. paving; 15c bitum. paving; 65c curb; 21c walk; $82,000 san. sewer; total, $341,988.66.

Wells & Bressler—$42,000 grading; 26.5c conc. paving; 15c bitum. paving; 70c curb; 25c walk; $91,300 san. sewer.

Geo. R. Curtis—$47,000 grading; 24c conc. paving; 10c bitum paving; 70c curb; 20c walk; $97,000 san. sewer.

Jahn & Bressi—$49,400 grading; 27c conc. paving; 12c bitum. paving; 70c curb; 23.5c walk; $98,000 san. sewer.

RICHMOND, Contra Costa Co., Cal.—City Eng. H. B. Chapman preparing spec. to widen and improve Standard Ave. A. C. Faris, city clerk.

LOS ANGELES, Cal.—Until 11 a. m., Dec. 10, bids will be rec. by supervisors to imp. Riverside Dr., bet. 52nd St. and Baker Ave., 8519 ft. or 1.61 mi. (30-ft. pavement), involv. 28,397 sq. yds. shaping roadway; 28,397 sq. yds. concrete pavement. Average haul 1 mi. from Baker on P. E. Ry. Cash job No. 214.

RICHMOND, Contra Costa Co., Cal.—City council, A. C. Faris, clerk, petitioned to pave with oil macadam and const. conc. walks in McLaughlin St. bet. McBride and Solano Aves. Referred to city mgr. for report. H. B. Chapman, city eng.

BURLINGAME, San Mateo Co., Cal.—City trustees petitioned to pave Pepper Ave., where the thoroughfare is under the jurisdiction of Hillsborough City Attorney John F. Davis instructed to seek a dedication of at least 40-ft. of the street to Burlingame to permit the work to be done. Carl Torello, city eng.

LOS ANGELES, Cal.—Until 11 a. m., Dec. 3, bids will be rec. by supervisors to const. oil macadam pavement, oil and rock screening shoulders, grading and other incidental work on Orange Ave., bet. State St. and 118 ft. s. of Hill St., under County Imp. No. 16; .47 mi., involv. 2590 cu. yds. excav. incl. shaping; 5538 sq. yds. macad. pavement; 4264 sq. yds. oiling and screening shoulders. Est. contr. price, $10,625.55. Average haul .75 mi. from Burnett Station on P. E. Ry.

LOS ANGELES, Cal.—O. U. Miracle, 1036 Lime Ave., Long Beach, submitted low bid to supervisors for imp. 100th St., bet. Main and San Pedro Sts., involving (1) 600 cu. yds. excav. 55c yd; (2) 5168 ft. curb 55c ft.; (3) 307 ft. curb 65c ft.; (4) 26,697 sq. ft. walk 20c ft.; (5) 1104 sq. ft. gutter 30c ft.

LOS ANGELES, Cal.—M. Simunovich, 2705 W 66th St., Hyde Park, submitted low bid to Bd. Pub. Wks. at $30,428 to const. sewer in 58th Pl., bet. Angeles Mesa Dr. and West Blvd. Other bids were: B. D. Zaich, $30,600; Adam Dalmatin, $32,250; Zarubica & Radich, $32,800; Martin Culjak, $33,380; Nock Bebek, $35,400.

SANTA MONICA, Cal.—Until 10 a. m. Nov. 28, bids will be rec. by council to imp. Utah Ave., bet. 9th and 20th Sts. grade and pave; const. curb and walk; bring manholes to grade; 1911 Act. John A. Morton, city engr.

SAN MATEO, San Mateo Co Cal.—Until Dec. 3, 8 p. m., bids will be rec. by E. W. Foster, city clerk, to const. 15-in. cem. conc. storm water drain and one 15-in. by 12-in. wye branch in A St. and the grounds of the Central Grammar School, extending from 2nd Ave. to San Mateo creek; catchbasins; 12-in. cem. conc. sewer, etc. 1911 Act. and Bond Act. 1915. Cert. check 10% payable to city rek. G. Stanley Whitehead, city engineer.

BAKERSFIELD, Kern Co., Cal.—Dean & Stroble, Bakersfield, at $12,200 awarded cont. by council to imp. portions of Chester Ave., Involv. const. conc. walks and curbs. Other bids: Myers & Stoll, $12,600; F. W. Nightbert, $13,400; Weitzel & Larsen, $13,400.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

PACIFIC GROVE, Monterey Co., Cal. —City Eng. H. D. Severance completes spec. to pave Central and Fountain Aves. and res. of int. for the work will be adopted shortly.

SALINAS, Monterey Co., Cal.—City council petitioned to pave Willow and other streets with "better material than water bound macadam". Referred to City Eng. Howard Cozzens for report.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. s.w. half of E-14th St., from Jones Ave to pt. 7-ft. s.e. of 103rd Ave., involv. grade and pave; const. curbs, gutters and culverts. (City will pay $10,000 as its portion of cost of work). 1911 Act. Protests Dec. 13. W. W. Harmon, city engineer.

BURLINGAME, San Mateo Co., Cal.—City Eng. Carl Torello preparing spec. to widen Broadway bet. S. P. R.R. and El Camino Real.

SAN FRANCISCO—Fay Imp Co., Prelan Bldg., at $5387.50 submits low bid to Bd. Pub. Wks. to imp. Santiago St., bet. 19th and 20th Sts., involv. 480 lin. ft. conc. curb; 12,000 sq. ft. asph. conc. pave; 255 lin. ft. 8-in. sewer with 17 wyes; 115 lin. ft. 12-in. sewer; 100 lin. ft. 6-in. side sewers; 2 br. manholes.

Municipal Const. Co., 112 Lyon St., at $5916.71 low bidder to imp. Prospect Ave., bet. Virginia and Lizzie Sts., involv. 718 lin. ft. conc. curb; 17 lin. ft. granite curb; reset 88 lin. ft. granite curb; reconst 50 sq. ft art. stone walks; 7618 sq. ft. asph. conc. pave; 8323 sq. ft. conc. pave.

Raisch Imp. Co., 46 Kearny St., low bidder at $5893.20 to imp. Bismark St. bet. Rhine and County Line, involv. 770 cu. yds. cut; 450 cu. yds. fill; 892 lin. ft. conc. curb; 13,370 sq. ft. asph. conc. pave.

No bids rec. to imp. crossing of Cortland Ave. and Folsom St.

SAN MATEO COUNTY, Cal.—Until Nov. 26, (time not set), bids will be rec. by Hfl A. Mason, sect'y., Joint Highway District No. 1 of the State of California, at the office of the Board of Supervisors, City Hall, San Francisco, for fencing on state highway known as Skyline Blvd. from Sneath Road to Half Moon Bay Road, involv. approx 18 mi. of fencing. Blanks for bidding and further information obtainable from Engineer of District, Room 211, State Bldg., Civic Center, San Francisco.

FRESNO, Fresno Co., Cal—Until Dec. 6, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. Tulare St., bet. D & E Sts., grade and const. conc. curbs, gutters and walks; corru. metal culverts with manholes; pave with 4-in. asph. conc. base with 1½-in. asph. conc. top course with liquid asphalt and rock screening surface coat; alley driveways paved with 6-in. Port. cem. conc. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until Dec. 17, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to resurface portion of San Jose and Alviso road, in Supervisor Dist. No. 3. Plans on file in office of clerk. Robt. Chandler, county surv.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler preparing spec. to imp. roadway from town of Saratoga to Santa Clara county quarry.

REDWOOD CITY, San Mateo Co., Cal. —Municipal Improvement Co., 306 12th St., Oakland, at approx. $212,000 awarded cont. by county supervisors to imp. streets in Rd. Dist. Imp. No. 2; San Marcos, Santa Domingo, Santa Lucia, Santa Inez, Santa Clara Aves, etc., grade; pave with 1½-in. Warrenite-Bit. surface on 4-in. hyd. cem. conc. base; 4-in. vit. sidew. sewers; 18-in. vit. storm sewer; 1 br. manhole with c.i. frames and covers. Work under Road Dist. Imp. Act 1907. Other (approximate) bids were: Warren Constr. Co., Oakland, $214,200; Bates and Borland, Oakland, $215,750; California Const. Co., San Francisco, $219,950; R. H. Crummey, Oakland, $222,500; A. Teichert & Son, Sacramento, $227,700.

RICHMOND, Contra Costa Co., Cal.—City Eng. H. B. Chapman will shortly commence preparation of plans to pave Macdonald Avt. bet. 23rd St. and San Pablo Ave. and Potrero Ave., bet. 45th St. and east city limits. Construction will not be undertaken until 1924.

NAPA, Napa Co., Cal.—Until Nov. 30, 8 P. M., bids will be rec. by Howard E. Roper, Sect'y., Napa School District, to grade school grounds. Cert. check 10% payable to Percy S. King, President of Board of Trustees of District req. Further information obtainable from Secretary.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. 2nd St., bet. Empire and Taylor, involv. grade; pave with 1½-in. "Durite" asph. conc. surface on 3-in. "Durite" asph. conc. base; hyd. conc. curbs and gutters; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests Dec. 10. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal. — County Surveyor Robt. Chandler preparing spec. for sewer at county hospital extending from main building to barn.

LOS GATOS, Santa Clara Co., Cal.—San Jose Paving Co., Dupont St., San Jose, at $15,199.36 was awarded a contract by the city trustees for paving North Santa Cruz Ave. with 6-in. conc. Other bidders were:

Merced Concrete Pipe & Constr. Co., Merced	$17,739.60
Granite Const Co, Watsonville	23,362.56
John Doyle, San Jose	17,776.19
W. A. Dontanville	17,999.41
Blanco & Taylor, Los Banos	17,081.05

PORTERVILLE, Tulare Co., Cal. — Valley Paving & Const. Co., Visalia, at $130,262.30 awarded cont. by city trustees to imp. portions of Henrahan, Valentine, Fourth Sts., ets. etc., grade; const. conc. curbs, gutters, walks and culverts; cem. conc. conduit; storm water drains; pave with 5-in. hyd. conc. 1915 Bond Act. Other bids were: F. W. Neighbert, Bakersfield, $159,651; H. D. Churchill So., L. A., $133,825; Blanco & Taylor, Los Banos, $140,775; Leo Caldwell, Fresno, $138,089; N. M. Ball, Porterville, $130,879; Frederickson & Shannon, Fresno, $139,483; Isbell Constr. Co., Fresno, $139,617; T. A. Hanrahan, Fresno, $147,450.

PORTERVILLE, Tulare Co., Cal. — H. D. Churchill, 350 Merrick St., Los Angeles, at $11,764.50 awarded cont. by council to imp. Belleview Ave., bet. Hawaii and Palm Aves., involv. grade; const. cem. conc. curbs, culverts and pave with 5-in. hyd. conc. 1915 Bond Act. Cert. check. Other bids were: F. W. Neighbert, Bakersfield, $15,941; Valley Constr. Co., Visalia, $11,892; Blanco & Taylor, Los Banos, $12,429; Leo Caldwell, Fresno, $13,869; N. M. Mall, Porterville, $12,288; Frederickson & Shannon, Fresno, $13,248; Isbell Constr. Co., Fresno, $13,488.

MILL VALLEY, Marin Co., Cal. — Town Eng. J. C. Oglesby, Cheeda Block San Rafael, is completing plans to improve following streets: Alcatraz Pl., Corte Madera Ave. from Alcatraz Place to Throckmorton Ave; portion of Gardner St.; Bay View Ave.; Bernard St.; Olive St.; Old Mill St.; Elmer St.; Madrone St.; Lovell Ave. from the Town Hall to Cornelia St. Corte Madera, Gardner and Alcatraz Place will be paved entire width with hyd. cem. conc, the other streets with the same pavement in center and oil macadam on sides.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded contr. by Bd. of Pub. Wks. at $64,900.08 for imp. O'Farrell St., met. Pacific St. and Gaffey St., San Pedro, involv. grading, $8400 (lump sum); 160,223 sq. ft. asph. paving, 24c ft.; 22,430 sq. ft. cem. paving, 24c ft.; 4197 ft. curb, 70c ft.; 30,-290 sq. ft. walk, 21c ft.; 6931 sq. ft. gutter, 26c ft.; storm drain, $400; 775 ft. lise. sewers, $1.50 ft. Geo. R. Curtis, $37,179.15.

NEWMAN, Stanislaus Co., Cal—Town Engineer W. R. Sherman instructed to make survey for proposed sewer system in Prince Field at southern limits of city. Working plans for construction will be submitted to the town trustees shortly.

SAUSALITO, Marin Co., Cal.—MacDonald Improvement Co., 567 Pacific Bldg., San Francisco, at approx. $36,-380 awarded cont. by town trustees to imp. portions of Princess St., etc., involving grading and paving with conc; const. conc. walks, curbs, etc. Other bids were: L. L. Page, $38,600; Downer and Mero, $37,430.

SACRAMENTO COUNTY, Calif.—Until Dec. 17, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with Port. cem. conc. 9.0 mi. in Sacramento county bet. Elk Grove and Sacramento. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

NEVADA COUNTY, Calif.—Until Dec. 17, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade 7.3 mi. in Nevada county, bet. Truckee and Boca. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SHASTA COUNTY, Calif.—Until Dec. 18, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with crushed gravel or broken stone 9.9 mi. in Shasta county, bet. Bayha and Halfway Creek. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—No bids rec. by supervisors, Henry A. Pfister, clerk, Nov. 17, to imp. Santa Clara and Los Gatos road in Supervisor District No. 5; Agnew road in Supervisor District No. 4 and McLaughlin Ave., in Supervisor District No. 2. Bids ordered re-advertised to be opened Dec. 17, 11 a. m. Plans on file in office of clerk. Robt. Chandler, county surv.

STOCKTON, San Joaquin Co., Cal.—Until Dec. 4, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. Walnut Ave. in Rd. Dist. No. 2, from Kettleman Lane north a distance of 5270 ft. to pavement of Lodi-Lafayette road. Cert. check 10% payable to Chairman of Bd. of Snps. req. Plans obtainable from County Surv. F. E. Quail on deposit of $10, returnable.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. — Junction Valencia — Phone Market 8926
24 VAN NESS AVENUE — Near Market

Printing

Modern, Efficient Methods, Up-to-date Machinery and Highly Skilled Workmanship plus an Honest Desire to Please assure

Quality and Service

Telephones
Garfield
3 1 4 0
3 1 4 1
3 1 4 2

The Mercury Press
818 Mission Street
San Francisco

MERCED, Merced Co., Cal. — City ıstees, W. W. Cornell, clerk, declare ı en. to grade and pave with 4-in. hyd, ;n. conc. alley in Block 120, 1911 Act d Bond Act 1915.

RENO, Nevada—According to word ceived here, it is proposed to const. 40-mile stretch of road across the ıd flats on the Wendover cut-off of Victory Highway by day labor, ing to the failure to receive bids thin the $300,000 appropriated for ıstruction.

EUREKA, Humboldt Co., Cal.—City g. H. H. Hannah preparing spec. to ıde Del Norte St., bet. J and N and St., bet. 16th and Buhne Sts.

VISALIA, Tulare Co., Cal.—Until Dec. 8 P. M., bids will be rec. by Ida rkham, Clerk, to const. hyd. cem. ec. walks in portions of South Bridge, th Garden, South Court Sts., etc. 1 Act and Bond Act 1915. Cert. ck 10% payable to city req. L. H dsby, City Eng.

BAKERSFIELD, Kern Co., Cal.—City ıncil has entered into co-operative ing program with Kern County Su- visors whereby paved highways for h East and West Bakersfield will completed to Union Cemetery. The angement also includes the continu- on of California Ave. paving from present terminus at Union Ave. to ker St.; continuation of Baker St. ing from terminus at E-19th St. ough to Union Cemetery. W. D. rke, City Eng

ANTA PAULA, Cal.—Cox & Teget, N Olive St., Alhambra, awarded tr. by city trustees at $16,330 to st. conc. septic tank for new sewer tem. Bent Conc. Pipe Co. was arded contr. at $9025.65 or the conc. e for the sewer system, approx. 3 in length, of from 6-in. to 20-in. e.

ther bids were: Septic Tank — de ard and Cobham, $23,240, Pipe—Tro- Potteries, Inc., $9240.35.

ernell Barnett, 630 E. Washington Orange, submitted a bid on the k complete, at $52,000.

ANTA MONICA, Cal.—Council de- es inten. to imp. 21st St., bet. Ari- a Ave. and Wilshire Blvd.; grade & e with 1½-in. Warrenite-bitul. sur- e on 2½-in. asph. conc. base; const. c. curbs, walks, 6-in. cem. pipe hse. ers; 1911 act. John A. Morton, city ineer.

LOS ANGELES, Cal.—Until 11 a. m., Dec. 10, bids will be rec. by supervisors for imp. Rd, Imp. Dist. No. 181, Las Flores Canyon Rd. and Hume Rd., 21,418 lin. ft. or 4.06 mi. (graded roadway 16 ft. wide, rolled and oiled), involving 91,600 cu. yds. earth excav.; 21,418 lin. ft. shaping roadbed; clearing and grubbing; 38,076 sq. yds. oil and sand surface; 154 ft. 12-in., 35 ft. 18-in. and 75 ft. 36-in. corru. iron pipe culvert. Est. contr. price, $65,876.

RICHMOND, Contra Costa Co., Cal.—A. C. Faris, clerk, petitioned to pave and const. curbs and walks in Laughlin Ave., bet. McBryde and Solano Ave. Referred to Street Committee for report. H. D. Chapman, city engineer.

OAKLAND, Cal.—Heafey, Moore and McNair, 2030 High St., Oakland, awarded cont. by council to imp. portions of 5th Sts., involv. grade, $.05 sq. ft. conc curb, $.75 lin. ft. conc. gutter, $.29 sq. ft. 2-in. Warrenite-bit. surface and 6-in. conc base pavement, $.30.

OAKLAND, Cal.— Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of 75th Ave., involv. grade $.035 sq. ft.; conc. curb, $.72 lin. ft.; r. w. curb, $.20 lin. ft.; conc. gutter, $.26 sq. ft.; oil macadam pave, $.11 sq. ft.; cem. walks, $.16 sq. ft.

ALAMEDA, Alameda Co., Cal.—City council, W. E. Varcoe, city clerk, declares inten. to imp. Park St., bet. Lincoln and Encinal Ave, involv. pave with 8-ft. strip on each side of present roadway with bituminous conc.; const. conc. curbs and gutters; remove 5 existing c. i. culverts and replace with half round corru. iron culverts; 2 existing half round corru. iron culverts to be relocated to new curb line; reconst. cem. conc. walks. 1911 Act. Protests Dec. 18. Burnett Hamilton, City Eng.

MONTEREY, Monterey Co., Cal.—Louis Cerrano, Monterey, at $1,404 awarded cont. by city trustees to const. 6-in. vit. sewer with 25 wye branches in Robinson Alley in Block 2 of Robinson's Sub-Divison; 3 manholes and one inspection hole.

CARMEL, Monterey Co., Cal.—City trustees vote to construct new sewer system under 1911 Improvement Act. H. D. Severance, engineer, Monterey, is completing plans for system.

HANFORD, Kings Co., Cal.—City council, D. C. Williams, Clerk, declares inten. to imp. Dewey St., bet. Redington and Irwin Sts., involv. grade; pave with 4-in. bituminous base with 1½-in. Warrenite-Bit. surface; cem. curbs and gutters. 1911 Act and Bond Act 1915. Protests Dec. 3. Ben. Duffield, city eng.

SISKIYOU Co., Cal.—Dunn & Baker, Klamath Falls, Ore., at $205,000 awarded cont. by State Highway Commission to const. 9.8 mi. of highway in Siskiyou county bet. 2 mi. south of Hornbrook and Oregon state line, to be graded and surfaced with crushed gravel or broken stone. Eng. est., $226,113. Project involv. 122,900 cu. yds. excavation without classification; 37,000 sta yds. overhaul; 2100 cu. yds. structure excavation without classifications; 19,100 cu. yds. crushed gravel or broken stone surface; 700 cu. yds. Class A Portland cement concrete (culverts and monuments); 400 lin. ft. 12-in., 3400 lin. ft. 18-in. and 600 lin. ft. 24-in. corru. metal pipe; 132 monuments Commission will furnish corru. metal pipe.

PALO ALTO, Santa Clara Co., Cal.—Until Nov. 28, 7:30 p. m., bids will be rec. by A. C. Barker, secy. Board of Education, to const. cem. sidewalks in Middlefield rd., bet. Tulula Ave. and Embarcadero rd. Spec. obtainable from secretary.

SAN LUIS OBISPO, Cal.—County supervisors plan $300,000 bond issue to complete Cambria road. The proposed highway is bet. Cayucos and Cambria, 17 miles and has already been graded and graveled.

OAKLAND, Cal.—Until Nov. 28, 11:30 a. m., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. following streets:

NE ½ of Lyon Ave. from NW line of Harrington Ave. to NW line of Lot 8, Block 17, Boulevard Park Tract, involving grade and pave; const. curbs and gutters; sidewalks.

Portion of Laurel, Maple, Midvale Aves, etc., involv. const. of sewers, manholes; lampholes; stand - pipes; drop-connections and wye branches.

Portions of Excelsior Ave., involving const. of cem. conc. walks, 6-ft. wide.

Cert. check 10% payable to city req. W. W. Harmon, city engineer.

COMPTON, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles, awarded cont. by city trustees at $30,400 to imp. west roadway of Wilmington St., Indigo St. etc., involv. 72,800 sq. ft. grading 3.5c ft.; 72,800 sq. ft. 5-in. conc. paving 21.5c ft.; 130 ft. curb 62c ft.; walk 21c ft.; 75 ft. 6-in. hse. sewers $1.50 ft.; 9 steel and conc. culverts at $12,000 (lump sum).

SANTA ANA, Cal.—Wells & Bressler, 3 Calif. Bank Bldg., Santa Ana, awarded contr. by city trustees at $56,181.90 to imp. West Fifth St., bet. N. Baker and W. Artesia Sts., involv. 172,100 sq. ft. grade and pave with 7-in concr. at 27c ft.; 26,670 sq. ft. 6-in. concr. pavement at 24c ft.; 2193 ft. curb at 50c ft.; 191 ft. 8-in. main sewer at $1.10 ft.; 300 ft. 6-in. sewer at 80c ft.; 1302 ft. 4-in. hse. sewers at 55c ft.; 730 ft. 4-in. hse. sewers at 50c ft.; concrete culverts, $600; manholes, $100; lamphole, $15.

Other bids were: B. R. Ford, $59,881.79; Oglesby & Dahl, $58,529.50; Basich Bros. Co., $58,903 70.

SANTA ANA, Cal.—Wells & Bressler, 3 Calif. Bank Bldg., Santa Ana, awarded contr. by city trustees at $106,390 to imp. Wilshire Ave., bet. S Main and S Flower Sts., involv. 530,875 sq. ft. 5-in. conc. pavement at 19.6c ft.; 1797 ft. curb at 50c ft.; 1014 ft. 6-in. main sewer at 75c ft.; 1302 ft. 4-in. hse. sewer at 50c ft.; manhole, $90; flushtank, $120. Other bids were: B. R. Ford $106,397.52; Oglesby & Dahl, $116,437.12.

MERCED, Merced Co., Cal.—Merced Concrete Pipe Co., Merced, at $1560 awarded cont. by city trustees to grade and pave with 4-in. hyd. conc. alley in Block 150, and at $1840 to grade and pave with 4-in. hyd. conc. alley in Block 104.

ALAMEDA, Alameda Co., Cal.—City council votes to widen Park St. bet. Lincoln and Encinal Aves.; est. cost $16,500. Burnett Hamilton, city eng.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., awarded cont. by council at $25,906 to pave Arizona St., bet. University Ave. and Upas St., involv. 10,-906.36 sq. ft. 1½-in. asph. conc. wearing surface on 4-in. conc. base 21.7c ft; sewer main $1850; 11 6-in. sewer laterals $35.50 each.

INGLEWOOD, Cal. — Petitions are being circulated through Hawthorne, Lennox and Lawndale, for the improvement of Ocean Dr., bet. Arbor Vitae St and Riverside Blvd., 7 mi. south to be paved with 2-in. conc. and 4-in. Willite surface. The dist. has been divided into three sections. The first extends from Arbor Vitae, the southerly boundary of Inglewood to Belleview, the southerly boundary of Lennox. The second district includes that section of Ocean Drive within the city limits of Hawthorne, and the third district includes the remainder of the Drive to Riverside, which is the great east-west thoroughfare of Southern California, the connecting link between the desert and the sea. R. B. Hocking of Inglewood and J. P. Conklin are signers of the petition.

EUREKA, Humboldt Co., Cal. — County Surveyor A. J. Logan preparing spec. for road 16 ft. wide, along the coast south from Capetown to Petrolia.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until Dec. 3, 7:30 p. m., bids will be rec. by Daniel McSweeney, city clerk, to imp. Grand Ave., bet. Chestnut Ave. and Mission rd., involv. const. comb. cem. conc. curb and gutter; cem. conc. walks; br. catchbasins with c. i. curb and cover. 1911 & 1915 Bond Acts. Cert. check 10% payable to city req. Geo. A. Kneese, Courthouse, Redwood City, eng.

SHASTA COUNTY- Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Dec. 3, 2 p. m. to grade and pave with Port cem. conc. 9.9 mi. in Shasta county, bet. Redding and Bayha. Project involv. 69,000 cu. yds. roadway embankment without classification; 33,000 sta. yds. overhaul; 600 cu. yds. struc. excav. without classification; 52,150 lin. ft. subgrade (preparing and shaping); 22,220 cu. yds. class A Port. cem. conc. (pavement); 310 cu. yds. class A Port. cem. conc. (culverts and monuments); 164 lin. ft. 12-in., 1434 lin. ft. 18-in. and 66 lin. ft. 24-in. corru. metal pipe; 84 monuments. Commission will furnish corru. metal pipe. R. M. Morton, state highway engineer.

OROVILLE, Butte Co., Cal. — Until Dec. 5, 2:10 p. m., bids will be rec. by C. F. Belding, county clerk, to const. Sections A and C of the Humboldt road Route 17, of county highway system. Cert. check 10% req. with each bid. Plans obtainable from county Rd. Eng. Harry H. Hume.

FULLERTON, Cal.—Bids are being taken by the city trustees to construct main outfall sewer system. Funds were provided earlier in the year for this work by a bond issue of $250,000. Of this total, $175,000 is for the portion of the main line to be built by Fullerton, and $75,000 as the city's share of the other section to be built and operated jointly. W. C. Record, city engr.

LOS ANGELES, Cal.—Tryon & Brain, 201 Tajo Bldg., awarded contr. by city council at $334,862.40 for imp. Figueroa St., bet. Manchester Ave. and 120th St., involving grading $29,500 (lump sum); 786,105 sq. ft. 6-in. conc. paving 24c ft.; 32,240 sq. ft. 2-in. bitum. base paving 12c ft.; 21,232 ft. curb 60c ft.; 63,746 sq. ft. walk 20c ft.; san sewer $87,100. Engr's est., $344,708.08. Other bids were: Geo. H. Oswald, $338,778.15; Geo. R. Curtis, $363,700.80; Griffith Co., $341,988.66; Wells & Bressler, $377,-552.73; Jahn & Bressi, $393,599.86.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. for fur. concr. aggregate for sections No. 4 to No. 8, incl., of the North Outfall sewer: A, 24,000 tons sand for sections 4 and 5 of the North Outfall sewer f. o. b. cars on sidings of the P. E. Ry at Hyperion or Playa del Rey; B, 48,000 tons of sand distributed along the line of sections 6, 7 and 8 of the North Outfall sewer shown on Map No. 5371, the city to provide the necessary access to sewer line; C, 34,000 tons of rock for sections 4 and 5 of the North Outfall sewer f. o. b. cars on sidings of the Pacific Electric Ry. at Hyperion or Playa del Rey; D, 69,000 tons of rock distributed along the line of sections 6, 7 and 8 of the North Outfall sewer, shown on Map No. 5371, the city to provide the necessary access to the sewer line, were as follows:

Union Rock Co.: 1, Article A, $1.30 per ton; 2, Article B, $2.10 per ton; 5, Article A, $1.30 per ton; Article B, $2.10 per ton; 6, Article A, $1.30 per ton; Article C, $1.85 per ton; 7, Article B, $2.10 per ton; Article D, $2.65 per ton; 8, Article A, $1.30 per ton; Article B, $2.10 per ton; Article C, $1.75 per ton; Article D, $2.65 per ton. Conditions: City to pay freight from gravel pit. Sand and gravel to be awarded as well as rock.

L. A. Rock & Gravel Co.: 1, Article A (city of Los Angeles to pay freight from gravel pit—Baldwin Park to destination), 50c per ton; 3, Article C, (city of Los Angeles to pay freight from gravel pit-Baldwin Park to destination), 85c per ton.

Wm. Radcliffe: 2, Article B, $1.52 per ton.

Blue Diamond Materials Co.: 3, Article C, $1.90 per ton; 4, Article D, $2.42 per ton.

Fewel-Webb Co.: 2, Article B (plus freight charges to be paid by city of Los Angeles), $1.43 per ton; 4, Article D (plus freight charges to be paid by city of Los Angeles), $1.77 per ton.

FRESNO, Fresno Co., Cal.—Until Dec 6, 3:30 p. m., bids will be rec. by R. Y. St. George, city clerk, to imp. alley in Block 129, bet. Tuolumne and Stanislaus Sts. and alley in Block 336 bet. Calaveras and San Joaquin Sts. and alley in Block 344, bet. San Joaquin and Amador Sts., involv. grade and pave 18-ft. wide with 3½-in. asph. conc base and 1½-in. Warrenite-Bitulithic surface. 1911 Act. & Bond Act 1915. Cert check 10% payable to city req. Wm. Stranahan, city eng.

SAN ANDREAS, Calaveras Co., Cal.—County Surv. W. S. Coulter preparing survey for change of grade on Brewery Hill No. 2 on road leading from Copperopolis to Altaville. Specifications will be presented to supervisors at next meeting.

RIVERSIDE, Cal.—County supervisors will call for new bids to construct Jackrabbit trail. County Surveyor A. C. Fulmor instructed to make new survey for 18-ft. macad. road, 6.2 mi. long

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City Eng. Geo. A. Kneese announces spec. will be prepared shortly for road from Orange Ave., South San Francisco, across the swamp to Baden crossing to furnish direct means of travel between the main section of So. S. F. with district around Baden.

RIVERSIDE COUNTY, Calif. — Only one bid rec. by State Highway Comm. Forum Bldg., Sacramento, Nov. 19, to pave with asph. conc. 0.7-mi. in Riverside county in city of Beaumont: Southwest Paving Co., L. A. ...$23,03 Engineer's Estimate $19,66

RIVERSIDE, Cal. — Until 10 a. m. Nov. 26, bids will be rec. by supervisor to gravel 3.55 mi. of road from Ehrenberg Ferry to Blythe city limits. Plan obtainable from county supt. of roads D. G. Clayton, clk.

LOS ANGELES, Cal.—Western Building and Investment Co., 11328 S Vermont Ave. taking bids to pave 5 sts 1250 ft. long with oil and gravel, an building 100,000 sq. ft. of sidewalk, an 50,000 lin. ft. of light curb, on Sts. 10 109, 110 and 111 bet. Vermont Ave. an Hoover St.

FRESNO, Fresno Co., Cal.—Addressing the First Ward Rate and Taxpayer's Assn. W. F. Rantsma, deputy city engineer, urged that the association support a bond issue to finance construction of storm sewers throughout the city. W. F. Stranahan, city eng.

LOS ANGELES, Cal.—City Engr John A. Griffin granted $105,000 for street replacement work during the next months. At present there are 789 cuts in paved streets and 2882 cuts in oiled and graveled streets.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4265	Janssen	Owner	16000
4266	Hjul	Owner	15000
4267	Allred	Owner	6000
4268	Feerick	Owner	10000
4269	Fogerty	Owner	9800
4270	Frank	Owner	3700
4271	Peters	Owner	6500
4272	Bordegary	Owner	6000
4273	Bocus	Owner	9500
4274	Davis	Mattock	8500
4275	Dondero	Owner	8000
4276	Spring Valley	S F Motor	——
4277	McDougall	Atlas	4500
4278	Dondero	Weinberger	5250
4279	Malloy	Jones	
4280	Johnson	Owner	8000
4281	Husler	Barrett	1500
4282	Kephart	Arnott	5000
4283	Phelan	Owner	8000
4284	De Benedetti	Fracchia	11100
4285	Allec	Buschke	52019
4286	Coleman	Sartorio	12000
4287	Riddle	Owner	12000
4288	Sharman	Owner	11000
4289	Lacey	Vannucci	30000
4290	Clausen	Owner	9000
4291	Genovesi	Stanley	3000
4292	Stahl	Owner	2000
4293	Strand	Owner	7000
4294	Trainor	Costello	5000
4295	Sarlow	Hansen	1000
4296	Nesimento	Owner	2300
4297	Anderson	Owner	16000
4298	Parkside	Owner	15000
4299	Schwarz	Owner	6000
4300	Sisele	Mattock	7000
4301	Cassidy	McKellar	7000
4302	Herman	Owner	3000
4303	Moneta	Arnott	11610
4304	Fosterf	Warden	13000
4305	Teddersen	Meyer	6424
4306	McCarthy	Arnott	4000
4307	Erickson	Owner	7000
4308	Urban	Leonard	36000
4309	Murphy	Arnott	6000
4310	Bergfeld	Owner	6000
4311	Mowat	Owner	6000
4312	Johnson	Owner	14000
4313	Moneta	Arnott	11250
4314	White	Hance	2000
4315	Herman	Coburn	1620
4316	Battaglia	Grahn	5000
4317	Fay	Meyer	10000
4318	Helbing	elbing	25000
4319	Nynan	Owner	4000
4320	Davis	Mattock	5558
4321	Bekeart	Casty	13872
4322	Johnson	Owner	7000
4323	Holl	Owner	3000
4324	Hansen	Valentine	11600
4325	Dito	Harder	10400
4326	Getz	Owner	6000
4327	Johnson	Owner	8500
4328	Horberg	Horberg	4000
4329	Holt	Gillogley	8000
4330	Fitzhugh	Federal	6300
4331	Redington	Thorinson	9400
4332	Jones	Klahn	20725

DWELLINGS
(4265) E TWENTY-THIRD AVE 100, 125, 150 and 175 N Balboa. Four one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $4000 each

BUILDING
(4266) S COMMERCIAL 171-10 E Kearny. Two-story and basement concrete building.
Owner—J. H. Hjul, 1342 Mission St., San Francisco.
Engineer—J. H. Hjul, 1342 Mission St., San Francisco.
Contractor—J. H. Hjul, 1342 Mission St., San Francisco. $15,000

RESIDENCE
(4267) SE CORONA AND URBANO Drive. Two-story and basement frame residence.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—None. $6000

DWELLINGS
(4268) N FULTON 107-6 and 132-6 W Twenty-fourth Ave. Two two-story and basement frame dwellings.
Owner—Patrick J. Feerick, 757 9th Ave., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—P. F. Feerick, 757 9th Ave., San Francisco. $5000 each

FRAME FLATS
(4269) E GOUGH 75 N Lombard. Two story and basement frame (2) flats
Owner—Martin & Delia Fogerty, 1670 Sanchez St., San Francisco.
Architect—None. $9800

DWELLINGS
(4270) NW NAPLES 250 and 275 NE Brazil. Two one-story and basement frame dwellings.
Owner—A. B. Frank, 4609 Mission St., San Francisco.
Architect—None. $1850 each

DWELLING
(4271) NW CABRILLO AND THIRTY-fifth Ave. Two-story and basement frame dwelling.
Owner—J. M. Peters, 1045 Balboa St., San Francisco.
Architect—None. $6500

ALTERATIONS
(4272) NW CLEMENT & ELEVENTH Ave. Alter for (2) flats and store.
Owner—J. Bordegary, 1002 Clement St., San Francisco.
Architect—Philip Schwerdt, 2920 Jackson St, San Francisco. $6000

FRAME FLATS
(4273) W FIFTH AVE 200 S Clement. Two-story and basement frame (2) flats.
Owner—J. M. Boscus Co., 339 Clement St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco. $9500

REPAIRS
(4274) NO. 57 FIRST. General repairs for store.
Owner—Norris K. Davis and Mercantile Trust Co., under the will of Horace Davis, Deceased, 400 7th St., San Francisco.
Architect — Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—Mattock & Feasey, 251 Kearny St., San Francisco. $8500

DWELLINGS
(4275) W LONDON 175 and 200 SW Russia. Two one-story and basement frame dwellings.
Owner—Marco Dondero, 3518 Mission St., San Francisco.
Architect—None. $4000 each

RESERVOIR
(4276) BACON & UNIVERSITY AVE. Raising of present earth embankment for University Mound Reservoir.
Owner—Spring Valley Water Co., 425 Mason St., San Francisco.
Architect—None.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Contractor — San Francisco Motor Drayage Co., 180 Jessie St., S. F.
Filed Nov. 15, 1923. Dated Nov. 8, 1923.
15th each month 90%
Usual 35 days 10%
TOTAL COST—75c cu. yd. fill not rolled; 90c cu. yd. fill rolled.
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

GARAGE
(4277) N WASHINGTON 130 E Gough E 50-9 N 127-8¼ W 43-3 N 11-8¼ W 7-6 S 139-4¼. All work for 2-sto. reinforced concrete garage bldg.
Owner—Thos McDougall Claus Spreckels Bldg., San Francisco.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.
Contractor — Atlas Concrete Co., 180 Jessie St., San Francisco.
Filed Nov. 15, 1923. Dated Nov. 9, 1923.
Form work complete for 1st floor $15,000
All concrete poured 12,000
Completed and accepted 6,750
Usual 35 days 11,250
TOTAL COST, $45,000
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

RESIDENCE
(4278) S GREENWICH 47-6 W Franklin W 25 x S 96. All work for 1-sto. frame residence and garage.
Owner — John & Adeline T. Dondero, 2286 Filbert St., San Francisco.
Architect—None.
Contractor — H. S. Meinberger, 5720 California St., San Francisco.
Filed Nov. 15, 1923. Dated Nov. 6, 1923.
Frame up $1312.50
Brown coated 1312.50
Completed and accepted 1312.50
Usual 35 days 1312.50
TOTAL COST, $5250
Bond, Sureties, Forfeit, none; Limit 120 days; Plans and specifications, none.

BUNGALOW
(4279) E THIRTY-THIRD AVE 100 S Judah. All work for five-room bungalow.
Owner—Frank Molloy, 641 24th Ave., San Francisco.
Architect—A. J. Rushton.
Contractor — Thomas M. Jones, 3767 Army St., San Francisco.
Filed Nov. 15, '23. Dated Nov. 9, '23.
Roof on, 75% of work completed
Brown coated, 75% of work completed .....
Completed & accepted..... 75%
Usual 35 days..... 25%
TOTAL COST—Cost of labor and material plus $300.
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(4280) N FULTON 32-6 W Twenty-fourth Ave. Two-story and basement frame (2) flats.
Owner—Nels P. Johnson, 1934 Folsom St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $8000

FRAME STORE
(4281) N PACIFIC 137-6 E Hyde. One story and basement frame store.
Owner—Otto E. Hussler, 2550 Polk St., San Francisco.
Architect—R. W. Jenkins.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $1500

DWELLING
(4282) S MAGELLAN 40 W Montalvo. One-story and basement frame dwelling.
Owner—Horace Kephart, 73 Divisadero St., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $5000

APARTMENTS
(4283) W SECOND AVE 29 S Cabrillo. Two-story and basement frame (4) apartments.
Owner—P. J. Phelan, 480 Funston Ave., San Francisco.
Architect—None. $8000

FRAME BLDG.
(4284) S UNION 137-6 W Powell 30x 62-6. All work for two-story and basement frame building.
Owner—Charles De Benedetti, 472 Columbus Ave., San Francisco.
Architect—Louis Mastropasqua, 580 Washington St., San Francisco.
Contractor—J. Fracchia and C. Rosina, 36 Cunningham Place, S. F.

Filed Nov. 16, '23. Dated Nov. 12, '23.
Roof on $2775
1st coat plaster on..... 2775
Completed and accepted.....d 2775
Usual 35 days..... 2775
TOTAL COST, $11,100
Bond, $5550. Sureties, Carrara Antonio and G. B. Cordano. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING, ETC.
(4285) 2140 FOLSOM on Folsom by 122-6 & 72-8¼ on Shotwell by 122-6 All work for one two-story Class B building; one one-story Class B building; one two-story Class C building and for extension to present buildings No. 2140 Folsom.
Owner—J. Allec, Folsom and 17th Sts., San Francisco.
Architect—Arthur S. Bughee, 26 Montgomery St., San Francisco.
Contractor—Buschke & Brown, 185 Stevenson St., San Francisco.
Filed Nov. 16, '23. Dated Nov. 12, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $52,019
Bond, $26,009.50. Sureties, Frank Dawson and Peter Skan. Limit, April 30, 1924. Forfeit, none. Plans and specifications filed.

STORE, ETC.
(4286) N ELLIS 180 W Larkin. Two-story concrete store and loft bldg.
Owner—Mrs. Francis Giani Coleman, % Architect, 593 Market St., S. F.
Architect—E. J. Osborne, Balboa Bldg., San Francisco.
Contractor—P. Sartorio, 2149 Green wich St., San Francisco. $12,000

FACTORY
(4287) SE FOLSOM AND SHERMAN Sts., Two-story concrete Class C factory.
Owner—Riddle Sheet Metal Wks, 1067 Folsom St., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco. $12,000

DWELLINGS
(4288) N REVERE 175 E Keith. Four one-story and basement frame dwelling.
Owner—T. L. Sharman, 1440 Shafter Ave., San Francisco.
Architect—None. $2750 each

APARTMENTS
(4289) S EDDY 82-6 E Polk — 55xS 137-6. Excavating, trenching, back filling, cement and concrete work, reinforcing steel bars, etc., for six-story Class C building (47) apartments.
Owner—E. V. Lacey, 180 Jessie St., S. F.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—L. Vannucci & Bro., 16th & Valencia Sts., San Francisco.
Filed Nov. 17, '23. Dated Oct. 8, '23.
Concrete poured to footings and grading done $4000
Concrete poured to 3rd story... 4000
Concrete poured to 5th story.. 4000
Concrete poured to firewalls... 4000
Completed and accepted..... 6500
Usual 35 days..... 7500
TOTAL COST, $30 000
Bond, $15,000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 120 days. Forfeit, $10. Plans and specifications filed.

APARTMENTS
(4290) W SEVENTH AVE 100 N Anza. Two-story and basement frame (4) apartments.
Owner—C. O Clausen, Hearst Bldg., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $9000

DWELLING
(4291) NE AUGUSTA & BOUTWELL. One-story and basement frame dwelling.
Owner — Vittorio Genovesi, 568 Lombard St., San Francisco.
Designer—John Stanley.
Contractor—John Stanley, 153 Brussels St., San Francisco. $3000

ALTERATIONS
(4292) E EIGHTH AVE 156 N Cabrillo. Remodel 2 flats for (4) 3-room apartments.
Owner—J. J. and Hulda Stahl, 666 8th Ave., San Francisco.
Architect—None. $2000

FRAME FLATS
(4293) E TWELFTH AVE 50 N C fornia. Two-story and basen frame (2) flats.
Owner—Strand & Strand, % Archit
Architect—Baumann & Jose, 251 K ny St., San Francisco. $

FRAME FLATS
(4294) N CALIFORNIA 31 E 19th Two-story and basement fr (2) flats.
Owner—John Trainor, 2653 Folsom San Francisco.
Architect—None.
Contractor — Costello Bros., 821 Ave., San Francisco. $

ADDITION
(4295) NO. 424 FUNSTON AVE. servation room addition.
Owner—B. Sarslaw, Premises.
Architect—None.
Contractor—H. J. Hansen, 308 Kea St., San Francisco. $

RESIDENCE
(4296) NE HOFF AND SEV teenth. Addition of 4 rooms porch to residence.
Owner—Foster Nesimento, 176 Ber St., San Francisco.
Plans by Owner. $

FRAME FLATS
(4297) E FIFTEENTH AVE 250 275 N Irving. Two two-story basement frame (2 in each) fla
Owner—S. R. Anderson, 4002 22nd San Francisco.
Architect—None. $8000 e

DWELLINGS
(4298) N TARAVAL 32-6, 57-6 & E Thirty-fifth Ave. Three t story and basement frame dw
Owner — Parkside Realty Co., Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 St., San Francisco. $5000 e

DWELLINGS
(4299) E TWENTY-FOURTH AVE and 155 N Ulloa. Two one-st and basement frame dwellings.
Owner — William J. Schwarfz, O'Farrell St., San Francisco.
Architect —R. R. Irvine, 736 New Bldg., San Francisco. $3000 e

WAREHOUSE
(4300) SE TWENTY-FIFTH Third. One-story frame wareho
Owner—Eisele & Donden, 251 Kea St., San Francisco.
Architect—None.
Contractor—Mattock & Feasey, Kearny St., San Francisco. $

DWELLINGS
(4301) S QUESADA 275 and 300 Lane. Two one-story and basen frame dwellings.
Owner—R. F. Cassidy, 465 Califo St., San Francisco.
Architect—None.
Contractor—McKellar & Son, 557 visadero St., S. F. $3500 e

DWELLING
(4302) SE HOWTH 84-6 SW Gen One-story and basement fr dwelling.
Owner—Alex P. Herman, 1532 Fe St., San Francisco.
Architect—None. $

RESIDENCES
(4303) W FOERSTER 50 N He Ave N 75xW 90 Ptn Lots 44, 45 46 Blk 11, Sunnyside. All work three one-story frame residence
Owner—Moneta Invst. Co., 233 Pa Bldg., San Francisco.
Architect—Owner.
Contractor—James Arnott & Son, Granville Way, San Francisco.
Filed Nov. 19, '23. Dated Nov. 9, '2
Frames up $29
Electric work done and brown coated 29
Completed and accepted..... 29
Usual 35 days..... 29
TOTAL COST, $11,61
Bond, none. Limit, 120 days. For $10. Plans and specifications filed

APARTMENTS
(4304) SE THIRTIETH AID WH ney 25x95. All work for two-s and basement frame apartment
Owner — Mr. and Mrs. Charles Fo Monadnock Bldg., San Francis

Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Fred Warden, 1515 11th Ave., San Francisco.
Filed Nov. 19, '23. Dated Nov. 7, '23.
Roof on $3250
Brown coated 1875
Completed and accepted..... 6000
Usual 35 days..... 1875
TOTAL COST, $13,000
Bond, $6500. Sureties, Chas. Monson & Albin Warden. Limit, 90 days. Forfeit $5. Plans and specifications filed.

BUILDING
(4305) S OCEAN AVE, 103-6¼ E Faxon Ave, S 138-2 E 25 N 131-5 W 25-10½. All work for 1-story frame building.
Owner—H B. Feddersen, 416 9th Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor—Meyer Bros., 5324 Geary St San Francisco.
Filed Nov. 19, 1923. Dated Nov. 16, 1923.
Side & roof sheathing on.....$1606
Brown coated 1606
Completed and accepted 1606
Usual 35 days 1606
TOTAL COST, $6424
Bond, $3212; Sureties, Anna Meyer; Forfeit, none; Limit, 60 days; Plans and specifications. none.

DWELLING
(4306) W JULES 200 S De Montford. One-story and basement frame dwelling.
Owner—McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $4000

FRAME FLATS
(4307) W NINETEENTH AVE 275 S Anza. Two-story and basement frame (2) flats.
Owner—Erickson & Boyson, 976 Plymouth Ave., San Francisco.
Architect—None. $7000

DWELLINGS
(4308) W BORICA 60, 112, 164, 216, 268 and 320 S Urbano Drive. Six one-story and basement frame dwlgs.
Owner—Urban Realty Improvement Co., 30 Montgomery St., S. F.
Architect—Archie T. Newsom, 39 Montgomery St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., S. F. $6000 each

DWELLINGS
(4309) E NIAGARA 78-6 and 103-6 S Howth. Two one-story and basement frame dwellings.
Owner—H. B. Murphy, 539 45th Ave., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $3000 each

FLATS
(4310) SE LINCOLN WAY AND 26th Ave. **One-story** and basement frame **(2)** flats.
Owner—H. H. Bergfeld, 1491 Guerrero St., San Francisco.
Architect—None. $6000

RESIDENCE
(4311) N TARAVAL 106 E Cortez. Two-story and basement frame residence.
Owner—S. Mowat and Elizabeth Mowat 187 Beaver St., San Francisco.
Architect—A. M. Hardy, — 24th Ave., San Francisco. $6000

APARTMENTS
(4312) SW CALIFORNIA & TWENTY-ninth Ave. Two-story and basement frame (4) apartments.
Owner—J. Harold Johnson, 171 28th Ave., San Francisco.
Architect—None. $14,000

DWELLINGS
(4313) W FOERSTER 50, 75 and 100 N Hearst. Three one-story and basement frame dwellings.
Owner — Moneta Investment Co., 233 Pacific Bldg., San Francisco.
Plans by Owner.
Contractor—Jas. Arnott & Sons, 235 Granville Way, S. F. $3750 each

DWELLING
(4314) E SOMERSET 100 S Silliman. One-story and basement frame **dwelling.**
Owner—Frederick White, 121 Somerset St., San Francisco.
Architect—Edw. J. O'Connor, 316 Woolsey St., San Francisco.
Contractor—Jos. Hance, 125 Somerset St., San Francisco. $2000

REPAIRS
(4315) SE BUSH AND VAN NESS AV. Repair fire damage for auto parts shop.
Owner—J. S. Herman, 712 Hearst Bldg., San Francisco.
Architect—None.
Contractor—Ira W. Coburn, 712 Hearst Bldg., San Francisco. $1620

DWELLING
(4316) W ALABAMA 325 S Precita. One-story and basement frame dwelling.
Owner—Vincent Battaglia, 1593 Treat Ave., San Francisco.
Architect—None.
Contractor—Wm. H. Grahn, 2840 Bryant St., San Francisco. $5000

RESIDENCE
(4317) E LARKIN 112-6 S Greenwich. Two-story and basement frame residence.
Owner—Luke Fay, 1554 Green St., S. F.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $10,000

APARTMENTS
(4318) W POLK 100 N Lombard St. Three-story and basement frame (6) apartments.
Owner—Wm. Helbing Sr., 1332 Lombard St., San Francisco.
Designer—The Helbing Co., 1332 Lombard St., San Francisco.
Contractor—The Helbing Co., 1332 Lombard St., S. F. $25,000

DWELLING
(4319) W CURTIS 173 S Rolph. One-story and basement frame dwlg.
Owner—Carl Nyman, 755 Capp St., San Francisco.
Architect—None. $4000

ALTERATIONS
(4320) NE FIRST 275 SE Market SE 91-8xNE 137-6. All work except plumbing, wiring, heating, painting, sprinkler equipment, lighting fixtures and shades for alterations to basement on 1st story of building.
Owner—Norris K Davis and Mercantile Trust Co., Tr. Est. Horace Davis, decd, 400 7th St., San Francisco.
Architect — Nathaniel Blaisdell, 255 California St., S. F.
Contractor—A. F. Mattock and A. H. Feasey, 251 Kearny St., S. F.
Filed Nov. 20, '23. Dated Oct. 25, '23.
TOTOL COST, $5558
Bond, $2779. Sureties, Louis Piegac and Clemence B. Feasey. Limit, 40 days. Forfeit, $20. Plans and specifications filed.

RESIDENCE
(4321) N JACKSON 70 E Arguello Blvd E 37-6 N 64-8½ SW to pt S to beg. All work except plumbing, etc., for two-story and basement frame residence.
Owner—Phil K. and Grace P. Bekeart, 2005 Sacramento St., S. F.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—John Casty & Son, 180 Jessie St., San Francisco.
Filed Nov. 20, '23. Dated Nov. 13, '23.
On 15th of each month..... 75%
Usual 35 days.....$3718
TOTAL COST, $14,872
Bond, $7436. Surety, Fidelity & Deposit Co. of Maryland. Limit, June 1, 1924. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(4322) NW BALBOA & FIFTEENTH Ave. Two-story and basement frame (2) flats.
Owner—J. Johnson, 308 28th Ave., S. F.
Architect—None. $7000

DWELLING
(4323) W FOURTH AVE 225 N Cabrillo. One-story and basement frame dwelling.
Owner—J. C. Holl, 161 Precita Ave., San Francisco.
Architect—Carl Selinger, 3533 19th St., San Francisco. $3000

FRAME FLATS
(4324) E EUREKA 170 S 18th. Two-story and basement frame (2) flats
Owner—Mr. and Mrs. J. P. Hansen, 4111 19th St., San Francisco.
Architect—None.
Contractor—F. Valentine, % San Bruno G. M. Co. $11,000

FRAME FLATS
(4325) S BAY 150 E Franklin. Two-story and basement frame (2) flats.
Owner—Vincent Dito, 1217 Bay St., San Francisco.
Architect—None.
Contractor—John Harder, 870 39th Ave., San Francisco. $10,400

DWELLING
(4326) E TWENTY-SEVENTH AVE 225 S Irving. One-story and basement frame dwelling.
Owner—Sol Getz & Sons, 24th Ave. and Lincoln Way, San Francisco.
Plans by Owner. $6000

APARTMENTS
(4327) N LOMBARD 100 W Van Ness Ave. Two-story and basement frame (4) apartments.
Owner—Pedar Johnson, 696 McAllister St., San Francisco.
Architect—None. $8500

DWELLING
(4328) N RICHLAND 700 E Murray. Two-story and basement frame dwelling.
Owner— Mrs. H. Horberg, 741 Andover St., San Francisco.
Architect—None.
Contractor—O. Horberg, 741 Andover St., San Francisco. $4000

FRAME FLATS
(4329) S NINETEENTH 105 E Valencia. Two-story and basement frame (2) flats.
Owner—Bessie M. Holt, 2606 Howard St., San Francisco.
Architect—None.
Contractor—J. W. Gillogley, 745 San Jose Ave., San Francisco. $8000

STORE BLDG
(4330) N POST 137-6 W Stockton W 37-6xN 137-6. All work for three-story and basement store building.
Owner—Wm. M. and Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Federal Ornamental Iron & Bronze Co., 16th and San Bruno Ave., San Francisco.
Filed Nov. 21, '23. Dated Nov. 6, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $6200
Bond, $3150. Surety, National Surety Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(4331) W SHRADER 100 S Fulton W 106-2xS 25. All work for two-story and basement frame building (2 flats).
Owner—Margaret V. and Catherine Redington, 261 Valencia St., S. F.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor — Thorinson & Stoneson Bros.
Filed Nov. 21, '23. Dated Nov. 20, '23.
Roof on $2350
Brown coated and rough plumbing in 2350
Completed and accepted..... 2350
Usual 35 days..... 2350
TOTAL COST, $9400
Bond, $4800. Sureties, W. B. Jefferson and S. Steinberg. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

APARTMENTS
(4332) NE SEVENTEENTH AVE AND Irving 57-6 on Irving by 100 on Seventeenth Ave. All work for two-story frame apartments.
Owner—Hattie Eleanor Jones, 316 Walnut St., San Francisco.
Architect—A. Klahn.
Contractor—Arthur M. Klahn, 1334 21st Ave., San Francisco.
Filed Nov. 21, '23. Dated Nov. 9, '23.
Roof rafters on.....$3880
Brown coated 3880
Plastering done..... 3880
Completed 3905
Usual 35 days..... 5180
TOTAL COST, $20,725
Bond, limit, forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Nov. 15, 1923—N CLEMENT 120 W Tenth Ave W 40xS 75. Alice N Rabe to C Olson.....Nov. 10, 1923

Nov. 15, 1923—E PARIS 100 N Excelsior Ave 25x100 Ptn Lot 3 Blk 17 Excel. Hd. Assn. Hugo Wagenknecht to whom it may concern.. .....Nov. 3, 1923

Nov. 15, 1923—W THIRTY-SIXTH Ave 275 N Fulton N 25xW 120. W V Hollingberry Jr to whom it may concern.....Nov. 13, 1923

Nov. 15, 1923—NW DIVISADERO & Eddy N 62-6xW 100. M J Kelly to whom it may concern..Nov. 14, 1923

Nov. 15, 1923—NW DERBY & MASON N 60xW 77-6. Spring Valley Water Co to Crown Glass Co..Nov. 14, 1923

Nov. 15, 1923—NW FOLSOM 325 NE Sixth NE 50xNW 85. Paul C Butte to J Martinelli.....Nov. 15, 1923

Nov. 15, 1923—E THIRTY-SECOND Ave 175 N California N 25xE 120. Bradley W Demarais to whom it may concern.....

Nov. 15, 1923—E FORTY-EIGHTH Ave 30 S Balboa S 50xE 90. Gustave Moeller to Meyer Bros..Nov. 10, 1923

Nov. 15, 1923—W THIRTY-FOURTH Ave 300 S Geary S 25xW 120; E Thirty-third Ave 125 N Geary N 25x E 120. George A Bertram to Meyer Bros.....Nov. 10, 1923

Nov. 15, 1923—W FORTY-SEVENTH Ave 25 S Balboa S 50xW 90. Stuart C Way to Meyer Bros..Nov. 10, 1923

Nov. 15, 1923—W FORTY-SEVENTH Ave 100 S Balboa S 25xW 120. Grover S Hawkins to Meyer Bros. .....Nov. 10, 1923

Nov. 16, 1923—NW DERBY & MASON N 60xW 77-6. Spring Valley Water Co to Severin Elec. Co..Nov. 16, 1923

Nov. 16, 1923—E SHRADER 30 S Carmel 25x90. Thomas L Tobin to Robert H Kelly.....Oct. 23, 1923

Nov. 16, 1923—N GREENWICH 58-6 E Lyon E 29xN 75. Morris Blumberg and Fannie Blumberg ao Geo M Merritt.....Sept. 15, 1923

Nov. 16, 1923—S OCEAN AVE 77-6 E Lee Ave No. 1031 Ocean Ave. Jean P and Anna Pressans to John R Morrison.....Nov. 15, 1923

Nov. 16, 1923—LOT 30 BLK 22, St. Frances Wood Extn No. 2. Garden Homes Co to Mangels Bros..... .....Nov. 13, 1923

Nov. 16, 1923—W NINETEENTH AVE 150 N Anza N 25xW 120. Joseph C Kirby to whom it may concern... .....Nov 16, 1923

Nov. 16, 1923—E FORTY-FIRST AV 248-8 N Balboa N 25xE 120. Calvin Briggs to David G Cohn..Nov. 16, 1923

Nov. 16, 1923—N 20 FT LOT 9 and S 10 ft. Lot 8 Blk 64-68, Harder & Daniels Mission Tract. Victor Holmgren to whom it may concern.....Nov. 16, 1923

Nov. 16, 1923—E TAYLOR 72-6 S Ellis 40x87-6. D S Clinton to J Martinelli.....Nov. 15, 1923

Nov. 16, 1923—W MISSION 100 S Francis. Nicholas J Farrah to E Swanson.....Nov. 14, 1923

Nov. 16, 1923—W FORTY-FIRST AVE 200 N Fulton N 25xW 120. Emma J Hammill to Meyer Bros..... .....Nov. 16, 1923

Nov. 16, 1923—LOT 16 BLK 3107, Westwood Park. Joseph Dohrodenka to H B Bernhard and B L Ryder.....Nov. 13, 1923

Nov. 17, 1923—S FLOOD AVE 125 E Foerster E 25xS 112-6 Lot 12 Blk 18 Sunnyside. The McCarthy Co vs Johan W and Ernest B Backman .....Nov. 15, 1923

Nov. 17, 1923—LOT 3 BLK "H" Mission Terrace. Walter E Hansen... .....Nov. 15, 1923

Nov. 17, 1923—NE SEVENTH 80 SE Mission SE 80 NE 102-6 NW 75 SW 22-6 NW 5 SW 80. Walter N Brunt to James H Hjul.....Dec. 6, 1922

Nov. 17, 1923—W FRANKLIN 137-6 N Lombard 25x100. Antonio Catona to V Filippis.....Nov. 15, 1923

Nov 17, 1923—E FORTY-FOURTH AV 100 N Kirkham N 50xE 120. Clara M Petee to McCauley & Weber.... .....Nov. 15, 1923

Nov. 17, 1923—NE GOUGH & WASHington N 139-4½xE 130. Jos L Stewart to Monson Bros..Nov. 17, '23

Nov. 19, 1923—N HEARST AVE 180 W Foerster W 30xN 100 Ptn Lots 33 and 34; N Hearst Ave 210 W Foerster W 30xN 100 Ptn Lots 30 and 33, Sunnyside. Moneta Invst Co to James Arnott & Son..... .....Nov. 12, 1923

Nov. 19, 1923—E FORTY-EIGHTH Ave 255 S Balboa S 25xE 120. Jos Howard to whom it may concern.. .....Nov. 17, 1923

Nov. 19, 1923—NW HANOVER 153 NE Lowell NE 25xNW 106-6 Ptn Lot 86, West End Hd. Frank Carmody to Harry Pinkerton.....Nov. 17, 1923

Nov. 19, 1923—N DUNCAN 225 W Guerrero W 25xN 114. Isaacson & Nyland to whom it may concern..— Nov. 19, 1923—S EDDY 87-6 E Hyde. L W Allen to Louis Johnson.... .....Nov. 10, 1923

Nov. 19, 1923—NE WOOLSEY AND Darmouth No. 850Woolsey. Ernest and Virginia Crescio to A Brisa. .....Aug. 22, 1923

Nov. 19, 1923—W TWENTY-FOURTH Ave 75 S Cabrillo S 25xW 95. Patrick J Feerick to whom it may concern.....Nov. 19, 1923

Nov. 19, 1923—N HEARST AVE 150 W Foerster W 30xN 100 Ptn Lots 34 and 37 Blk 11, Sunnyside. Moneta Inv Co to James Arnott & Son ....Oct. 1, 1923

Nov. 19, 1923—E MISSION 209-10⅝ S Olson & Persson.....Nov. 13, 1923

Nov. 19, 1923—SE MARKET 75 SW Seventh SW 37-5xSE 165. Wm B Wagnon to whom it may concern.. .....Nov. 19, 1923

Nov. 19, 1923—N HEARST AVE 240 W Foerster W 30xN 100 Ptn Lots 29 and 30 Blk 11; N Hearst Ave 270 W Foerster W 30xN 100 Ptn Lots 26 and 29, Sunnyside. Moneta Inv. Co to James Arnott & Son..... .....Nov. 12, 1923

Nov. 19, 1923—NO. 1037 MARKET, 25 x90. Bettie Lowenberg to M Sommer .....Nov. 15, 1923

Nov. 19, 1923—SE MARKET 112-5 SW Seventh SW 37-5xSE 165. Marion Realty Co to whom it may concern .....Nov. 19, 1923

Nov. 20, 1923—E ELEVENTH AVE 75 N Clement. Margaret M Moller to whom it may concern...Nov. 20, 1923

Nov. 20, 1923—W MOULTRIE 75 S Crescent 50x70. John Dahla to whom it may concern..Nov. 20, 1923

Nov. 20, 1923—LOTS 1 AND 2 BLK "O" Mission Terrace. Amanda A Olsen to whom it may concern.... .....Nov. 20, 1923

Nov. 20, 1923—W FOURTEENTH AV 206-2 S Irving S 25xW 127-6. Carrie E Bridge to whom it may concern. .....Nov. 17, 1923

Nov. 20, 1923—LOTS 10 AND 11 BLK 14, Crocker Amazon Tract. J Rudolph to whom it may concern... .....Nov. 17, 1923

Nov. 20, 1923—SAN BRUNO AVE Cor Gavin, No. 21 Gavin. Ida Cohn to Louis Silverstein and Mr. Nash... .....Nov. 1, 1923

Nov. 20, 1923—SE SUTTER AND Taylor E 45-10xS 81-8. J S Morgan & Sons to James H Pinkerton.... .....Nov. 15, 1923

Nov. 20, 1923—S TWENTY-SEVENTH 448 E Church. Michael & Bomerer to whom it may concern..Nov. 19, '23

Nov. 21, 1923—N PINE 45-5 W Kearny W 20-10xN 68-9. The Lurie Co to F L Hansen.....Nov. 21, 1923

Nov. 21, 1923—N MISSION AND FREmont NE 137-6xNW 137-6. Isabelle and Beatrice Cebrian, Josephine C McCormick, Maria C de F de Caleya to Lawson & Drucker...Nov. 10, 1923

Nov. 21, 1923—SW FILBERT AND Gough S 62-6xW 50. Charles J U Koenig to whom it may concern .....Nov. 20, 1923

Nov. 21, 1923—W FORTY-SEVENTH Ave 75 S Balboa S 25 W 120 N 10 E E 30 N 15 E 90. W H Sale to Meyer Bros.....Nov. 10, 1923

Nov. 21, 1923—SE HOWARD 110 SW Second SE 82-6xSW 45. Walter H Sullivan Inc to Adam Arras, P F Spiedel and Adam Arras Co..... .....Nov. 15, 1923

Nov. 21, 1923—S SUTTER 112-7½ E Hyde E 24-10½xS 137-6. Hans Jansen to James L McLaughlin... .....Nov. 1, 1923

Nov. 21, 1923—NE GOUGH & PACIfic Ave N 137-8¼xE 62. G W Burnett to Reed & Reed....Nov. 16, 1923

Nov. 21, 1923—LOTS 17 AND 18 BLK "P" Silver Terrace. Fred and Emily Simmen to Jas G Neish..Oct. 15, 1923

Nov. 21, 1923—PTN LOTS 5 AND 6 Blk 26, St. Francis Wood Extn No. 2. Westgate Park Co to Mangels Bros.....Nov. 20, 1923

Nov. 21, 1923—PTN LOTS 7 & 8 BLK 26, St. Francis Wood Extn No. 2. Garden Homes Co to Mangels Bros .....Nov. 20, 1923

Nov. 21, 1923—W THIRTY-SIXTH Ave 300 N Fulton N 25xW 120. W V Hollingbery Jr to whom it may concern.....Nov. 20, 1923

Nov. 21, 1923—W SEVENTEENTH Ave 150 S Cabrillo S 25xW 120. O M Oyen to whom it may concern... .....Nov. 21, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Nov. 15, 1923—W MIRAMAR AVE 175 N Holloway Ave N 25xW 112-6. Ginelli & Risso vs L J and Annie Ginder $147

Nov. 15, 1923—S MORAGA 87 W 40th Ave. The Greater City Lumber Co vs Wm Aherns and Richard Barker Jr $53.35

Nov. 17, 1923—S BROADWAY 160 E Leavenworth E 46 S 60. R Ehrhart Co vs N F Owens and W H Depew $5087

Nov. 19, 1923—W SANTA ANA AVE 115 N Darien Way N 25 — Lot 7 and S 15 Lot 6 Blk 3253 Balboa Terrace. American Trading Co of the Pacific Coast vs O M and Wilhelmina Hueter and Frank Neubert (as Inlaid Hardwood Co) $96.20

Nov. 20, 1923—W FORTY-FOURTH Ave 50 S Clement S 25xW 120. Reinhart Lumber & Planing Mill Co vs A C Bennett and Mrs. C A Vellis $421.18

Nov. 20, 1923—PTN LOT 24 BLK 2979 A, West Portal Park. Edward L Soule Co vs Milton H Lees..$534.15

Nov. 21, 1923—W FORTY-FOURTH Ave 50 S Clement S 25xW 120. Shannon & Helgestad vs Evangeline Velissaratos and A G Bennett $400

Nov. 21, 1923—W FORTY-FOURTH Ave 50 S Clement S 25xW 120. Wm Wade and Wm Miller vs A G Bennett and Neil and Mollie Angus..$250

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Nov. 15, 1923—NE FOURTEENTH & Guerrero N 98xE 68-6. J H Kruse to S Kordoules, Louis Rozzoni and Henrietta Bou $170.83

Nov. 16, 1923—N GREENWICH 58-6 E Lyon E 29xN 75. Charles L H Sharman to Morris and Fannie Blumberg .....

Nov. 17, 1923—SE TAYLOR AND Green. Atlas Mortar Co, $1208.60; Olof Monson and H E Rahlmann, $45,689.83 to J A Wagner, P H Donnelly (as Wagner & Donnelly) and Henry C and Lillian T Smith.....

Nov. 19, 1923—W GUERRERO 69-4 S Duncan W 90 S 16-8 W 27 S 29 E 117 N 44-8. Golden Gate Building Materials Co to Cornelius W Collonan and W P King & Co.....$503.65

Nov. 19, 1923—S PACIFIC AVE 123 E Van Ness Ave E 125xS 127-8¼. The Truscon Laboratories to Chas Holloway Jr.....$147

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Nov. 16, 1923—NE THIRD & HOWard. Fred Hechter as to improvements on property.....

Nov. 20, 1923—NW VAN NESS AVE and Union No. 1508 Union. Sutton Development Co as to improvements on property.....

Nov. 20, 1923—SW TAYLOR AND Golden Gate Ave. City Investment Co as to improvements on property

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Nov. 19, 1923—LOT 47 BLK 15, Lakeview. Annie M and L J Ginder with John R Morrison. Work ceased.....Oct. 12, 1923

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
5396	Culver	Designers	4000
5397	Love	Carlson	1500
5398	Fisher	MacDonald	9600
5399	Eaves	Owner	3000
5400	Pfrang	Owner	6000
5401	Culver	Designers	12000
5402	Brown	Owner	3500
5403	Brown	Owner	3000
5404	Gimbal	Groff	40000
5405	Wagy	Owner	2500
5406	Blossom	Cretser	3800
5407	Bronson	Fernstrom	4700
5408	Crowley	Van Aalst	11000
5409	Hillen	Owner	4000
5410	Blan	Owner	3500
5411	Hedstran	Owner	4000
5412	McKenley	Mowat	1950
5413	Burnside	Owner	1600
5414	Friel	Wells	5600
5415	Cotton	Owner	3000
5416	Gastman	Owner	6000
5417	Silva	Owner	3000
5418	Young	Young	12000
5419	Mevink	Jensen	3000
5420	Banner	Glynn	2000
5421	Rodolph	Hart	2800
5422	Johnson	Owner	3000
5423	Griffiths	Owner	3500
5424	Trustees Pilgrim	Stolte	11253
5425	King	Anderson	8952
5426	Freil	Wells	5600
5427	S. P. Co.	Stevens	3564
5428	Gressot	Owner	3000
5429	Williams	Owner	4000
5430	Lee	Long	7500
5431	Thielsen	Sharp	4500
5432	Blodgett	Owner	2500
5433	Spiers	Owner	3100
5434	Couture	Owner	2500
5435	Brookes	Brookes	4200
4536	Kramer	Anderson	3000
5437	Close	Orton	6000
5438	Fredrickson	Owner	4000
5439	Star Motor	Owner	16000
5440	Rudolph	Owner	3050
5441	Tweed	Owner	4800
5442	Cuneo	Bertoldi	6000
5443	Merritt	Logan	1250
5444	Andrews	Owner	15000
5445	Cherry	Owner	2500
5446	Cornwall	Day	2000
5447	Feio	Bettencourt	3000
5448	Noble	Owner	4000
5449	Davis	Carter	7000
5450	Cox	Johnson	6800
5451	Lund	Owner	1080
5452	Bostock	Owner	4000
5453	Holden	Owner	3000
5454	Santer	Norris	2275
5455	Oakland	Scott	1466
5456	Oakland	Bonded	4978
5457	S. P. Co.	Stevens	3564
5458	Gilkey	Sommarstrom	43000
5459	Pike	Ahnefeld	13000
5460	Newman	Muller	22000
5461	Replogle	Wood	4500
5462	Gmerdon	Flittner	2300
5463	Frances	Nichols	2500
5464	Pitts	Rider	1200
5465	Gantz	Owner	5000
5466	Dickie	Owner	9000
5467	Brown	Loblaw	2500
5468	Baidelene	Larmer	9800
5469	Russell	Ferona	2000
5470	Legris	Owner	4500
5471	Shell Oil Co.	Owner	1250
5472	Fennelly	Owner	3700
5473	Brown	Hedeen	5000
5474	Harwood	Owner	3000
5475	Strandberg	Hayden	2000
5476	Fitts	Owner	6000
5477	Patterson	Owner	4000
5478	Kiel	Scott	6750
5479	Gwerder	Littner	2400
5480	Roman	Larsen	214,447
5481	Hiser	Sutcliff	11000
5482	Wallace	Allen	10000
5483	Hunter	Owner	6500
5484	Fennelly	Owner	4000
5485	Lavagetto	Valente	3550
5486	Ervin	Owner	3000
5487	Stone	Owner	2450
5488	Willis	Owner	4500
5489	Hilsop	Chapter	5500
5490	Buck	Williford	7908
5491	Swasey	Peters	2200
5492	Chambers	Peters	2200
5493	Wilkins	Owner	1000
5494	Engs	Bay City	1000
5495	Lukes	Owner	2000
5496	Innes	Owner	2500
5497	La Paugh	Owner	2500
5498	Waldman	Owner	3000
5499	Farrar	Knight	17000
5500	Wurlitzer	Sartorio	3052
5501	Steffen	Todd	7500
5502	Warford	Ingram	10500
5503	Roth	Murch	20000
5504	Figeroupid	Baker	3800
5505	Lythe	Owner	2000
5506	Page	Owner	2000
5507	Tepper	Gallagher	6000
5508	Page	Owner	4000
5509	Barton	Howlett	2800
5510	Harn	Nelson	1500
5511	Hamman	Sirey	1900
5512	Faulkes	Owner	11200
5513	Meadows	Rollens	4000
5514	Cameron	Callahan	3500
5515	Muller	Flittner	2500
5516	Tepper	Gallagher	5350
5517	Figrouid	Baker	3650

DWELLING
(5396) NO. 1736-A OXFORD ST., Berkeley. Two-story 5-room dwlg.
Owner—Laura Culver, 1547 Shattuck Ave., Berkeley.
Architect—None.
Contractor — Designers & Builders Corp., 1956 University Ave., Berkeley. $4000

ADDITION
(5397) NO. 2420 SOUTH ATHERTON, Berkeley. Addition.
Owner—Miss Clara Love, Premises.
Architect—None.
Contractor—Carlson & Sandusky, 2814 Morcom St., Oakland. $1500

DWELLING
(5398) NO. 1405-07 HAWTHORNE Terrace, Berkeley. Two-story 10-room 2-family dwelling.
Owner—G. A. Fisher, 416 19th St., Richmond.
Architect—None.
Contractor—S. O. MacDonald & Son, 2912 Deakin St., Berkeley. $9600

STATION
(5399) NO. 2200 SAN PABLO, Berkeley Steel emergency station.
Owner—Dr. James Eaves, 560 Sutter St., San Francisco.
Architect—None. $3000

DWELLING
(5400) NO. 1006 SPRUCE ST., Berkeley. One-story 6-room dwlg.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $6000

FLATS
(5401) NO. 1730-2-4-6 OXFORD ST., Berkeley. Two-story 16-room flats.
Owner—Laura Culver, 1547 Shattuck Ave., Berkeley.
Architect—None.
Contractor — Designers & Builders Corp., 1956 University Ave., Berkeley. $12,000

DWELLING
(5402) NO. 1488 E-THIRTY-SIXTH St., Oakland. One-story 6-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway Oakland.
Architect—None. $3500

DWELLING
(5403) NO. 1439 E-THIRTY-SIXTH St., Oakland. One-story 5-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000

STORES
(5404) N E-FOURTEENTH ST. 100 W Thirty-seventh Ave., Oakland. Two-story brick stores and offices.
Owner—Gimbal & Schlueter.
Architect—None.
Contractor—Graff & Winlund, 1326 Webster St., Oakland. $10,000

DWELLING
(5405) NO 1672 EIGHTY-FIRST AVE., Oakland. One-story 5-room dwlg.
Owner—Fred Wagy, 542 25th St., Okd.
Architect—None. $2500

DWELLING.
(5406) 1145 FIFTY-THIRD ST., Oakland. One-story 6-room dwelling.
Owner—Blossom V. Stevensen, premises.
Architect—None.
Contractor—C. H. Cretser, premises. $3800

DWELLING.
(5407) 865 FIFTY-SIXTH ST., Oakland. One-story 6-room dwelling.
Owner—C. D. Bronson, 2062 40th Ave., Oakland.
Architect—None.
Contractor—Chas. V. Fernstrom, 3516 Laguna Ave., Oakland. $4700

SHOP BLDG.
(5408) FOOT FOURTEENTH AVE., Oakland. One-story machine shop.
Owner—Crowley Launch & Tug Boat Co.
Architect—None.
Contractor—E. Van Aalst, Oakland. $11000

DWELLING.
(5409) SE COR. LA VERNE & Fifty-fifth Ave., Oakland. One-story 5-room dwelling.
Owner—R. C. Hillen, 5364 Trask St., Oakland.
Architect—None. $4000

DWELLING.
(5410) 3061 MADELINE ST., Oakland. One-story 5-room dwelling.
Owner—W. R. Blan, 1222 4th Ave., Oakland.
Architect—None. $3500

DWELLING.
(5411) 4506 MONTGOMERY ST., Oakland. One-story 6-room dwelling
Owner—W. A. Hedstran, 3218 13th Ave. Oakland.
Architect—None. $4000

ALTERATIONS.
(5412) 491 NINTH STREET, Oakland. Alterations.
Owner—McKinley Market.
Architect—None.
Contractor—Mowat Refrigerator Co., 25 Oakgrove St., San Francisco. $1950

ADDITION.
(5413) 2709 ORANGE AVE., Oakland. Addition.
Owner—G. H. Burnside, premises.
Architect—None. $1000

STORE BLDG.
(5414) 2887-91 PENNIMAN AVE., Oakland. One-story frame store bldg.
Owner—C. F. Friel, 2881 38th Ave., Oakland.
Architect—None.
Contractor—F. P. Wells, 4052 Porter St., Oakland. $5600

DWELLING.
(5415) 4226 REDDING ST., Oakland. One-story 4-room dwelling.
Owner—Cotton Bros., 3824 39th Ave., Oakland.
Architect—None. $3000

DWELLING.
(5416) 5971 & 5977 SHAFTER AVE., Oakland. Two 1-story 4-room dwellings.
Owner—H. H. Gastman, 1263 Euclid Ave., Oakland.
Architect—None. $3000 each.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co.
JEWELERS
33 Kearny 895 Market

DWELLING.
(5417) W SIXTY-FOURTH AVE., 201 N Harmon St., Oakland. One-story 4-room dwelling.
Owner—M. R. Silva, 1801 Park Blvd., Oakland.
Architect—None. $3000

APARTMENTS.
(5418) S SIXTY-SIXTH ST., 111 W Telegraph Ave., Oakland. Two-story 16-room apartments.
Owner—Jas. H. Young, 4171 Emerald St., Oakland.
Architect—None.
Contractor—John Young, NE Cor. 58th and Telegraph, Oakland. $12000

DWELLING.
(5419) W SEVENTY-FOURTH AVE., 1600 N E-14th St., Oakland. One-story 4-room dwelling.
Owner—H. J. Mevink, 5302 Bond St., Oakland.
Architect—None.
Contractor—A. K. Jensen, 6409 Fleming Ave., Oakland. $3000

ALTERATIONS.
(5420) 692 THIRTY-FIRST ST., Oakland. Alterations.
Owner—L. Banner, premises.
Architect—None.
Contractor—H. Glynn, 5133 West St., Oakland. $2000

ADDITION.
(5421) 1835 TWENTY-EIGHTH AVE., Oakland. Addition.
Owner—R. Rodolph, premises.
Architect—None.
Contractor—J. G. Hart, 2419 E 20th St., Oakland. $2850

DWELLING.
(5422) W WHITTLE 300 N Funston Place, Oakland. One-story 4-room dwelling.
Owner—J. W. Johnson, 4300 Fruitvale, Ave., Oakland.
Architect—None. $3000

DWELLING.
(5423) SW COR. WALNUT & Lilac, Oakland. One-story 6-room dwelling.
Owner—Thomas Griffiths, 4601 Walnut Ave., Oakland.
Architect—None. $3500

CHURCH
(5424) LOTS 37 & 38 PERALTA TERRACE, Oakland. All work for church except plumbing and sewering.
Owner — Trustees Pilgrim Advent church.
Architect—C. L. Hunt.
Contractor—F. C. Stolte, 3455 Laguna Oakland.
Filed Nov. 15, 1923. Dated Nov. 3, 1923.
Frame up $2810
Brown coated 2810
Completed and accepted 2810
Usual 35 days 2823
TOTAL COST, $11,253
Bond, $5650; Sureties, G. A. Nedberg & A. P. Pollard; Forfeit, $1 day; Limit, 90 days; Plans and specifications filed.

DWELLING
(5425) LOT 6 MAP OAKLAND PROSPECT Homestead, Oakland. All work for 7-room frame dwelling and garage.
Owner—F. P. King 228 27th St., S. F.
Architect—A. C. Young
Contractor—A. Anderson, 3027 Florida St. Oakland.
Filed Nov. 15, 1923. Dated Nov. 13, 1923.
Frame up $2952
Plastered 2000
Completed and accepted 2000
Usual 35 days 2000
TOTAL COST, $8952
Bond, $4500; Sureties, U. S. Fidelity & Guaranty Co.; Forfeit, none; Limit, Feb 28; Plans and specifications filed.

STORE
(5426) LOTS 7 & 8 BLK 4 MAP ALlendale Tract, Oakland. All work for 1-story store building.
Owner—Charles F. Frell, 2881 38th Ave. Oakland.
Architect—None.
Contractor—F. P. Wells, 4052 Porter St Oakland.
Filed Nov. 15, 1923. Dated Nov. 9, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
All bills paid .....¼
TOTAL COST, $5600
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

PAINT
(5427) BET. ALAMEDA PIER AND Mastic Junction, Alameda. Clean & paint 85 signal bridges and 4 lattice poles.
Owner—S. P. Co.
Architect—None.
Contractor—C. Stevens and T. A. Hopkins (Stephens & Hopkins), 245 E 7th St. & 5693 Keith, Oakland.
Filed Nov. 15, 1923. Dated Oct. 18, 1923.
Each month 75%
Usual 35 days 25%
TOTAL COST, $3564
Bond, $2673; Sureties, Globe Indemnity Co.; Forfeit, none; Limit 60 days; Plans and specifications filed.

DWELLING
(5428) 1428 ALLSTON WAY, Berkeley. 1-story 5-room dwelling.
Owner—G. J. Gressot, 917½ Macdonald Ave., Richmond.
Architect—None. $3000

DWELLING
(5429) 1630 POSEN, Berkeley. 1-story 5-room dwelling.
Owner—Ethel Hudson Williams, 1245 Grove St., Berkeley.
Architect—None. $4000

DWELLING
(5430) 1552 LE ROY, Berkeley. 2-sto. 7-room dwelling.
Owner—Edwin A. Lee, 1271 Grove St., Berkeley.
Architect—None.
Contractor—Roy O. Long Co 2114 Shattuck Ave., Berkeley. $7500

DWELLING
(5431) NO. 5230 BELVEDERE AVE., Oakland. One-story 5-room dwlg.
Owner—E. W. Thielsen, 1828 Rosedale Ave., Oakland.
Architect—None.
Contractor—A. C. Sharp, 1327 E-28th St., Oakland. $4500

DWELLING
(5432) NO 2851 BROOKDALE, Oakland. One-story 5-room dwelling.
Owner—N. A. Blodgett, 3940 E-14th St., Oakland.
Architect—None. $2500

DWELLING
(5433) NO. 6616 BRANN ST., Oakland. One-story 4-room dwelling.
Owner—Hal Spiers, 722 44th St, Okd.
Architect—None. $3100

DWELLING
(5434) N CONGRESS 700 E Vicksburg Oakland. One-story 4-room dwlg.
Owner—Joseph Couture, 4100 Allendale Ave., Oakland.
Architect—None. $2500

DWELLING
(5435) NO. 2972 CALIFORNIA ST., Oakland. One-story 5-room dwlg.
Owner—F. W. S. Brooks, 3456 Fruitvale Ave., Oakland.
Architect—None.
Contractor—W. R. Brooks, 2921 California St., Oakland. $4200

DWELLING
(5436) NO. 2920 AND 2926 EASTMAN Ave., Oakland. Two one-story 5-room dwelling.
Owner—H. Kramer, 2841 Eastman Ave., Oakland.
Architect—None.
Contractor—C. Y. Anderson. $3000

DWELLINGS
(5437) NO. 1636 & 1642 EIGHTIETH Ave., Oakland. Two one-story 5-room dwellings.
Owner—I. E. Close.
Architect—None.
Contractor—A. E. Orton, 2558 Seminary Ave., Oakland. $3000 each

DWELLING
(5438) NO. 1117 E-THIRTY-THIRD Oakland. One-story 5-room dwlg.
Owner—K. S. Fredrickson, 1151 Glendora Ave., Oakland.
Architect—None. $4000

SHED
(5439) N E-FOURTEENTH ST. opp. 107th Ave., Oakland. Storage shed
Owner—Star Motor Co., Premises.
Architect—None. $16,000

ALTERATIONS
(5440) NO. 575 FOURTEENTH ST., Oakland. Alterations.
Owner—The Fudolph Wurlitzer Co.
Architect—None. $3050

DWELLING
(5441) NO. 4027 GREENWOOD, Oakland One-story 6-room dwelling.
Owner — Henry Tweed, 1208 Hampel St., Oakland.
Architect—None. $4800

DWELLING W
(5442) W LAKESHORE AVE 160 N Rosal Ave., Oakland. One-story 7-room dwelling.
Owner—L. Cuneo, 56th and Telegraph Ave., Oakland.
Architect—None.
Contractor—J. Bertoldi, 5628 Vicente St., Oakland. $6000

ADDITION
(5443) 3781 MARION AVE., Oakland. Addition.
Owner—T. E. Merritt, premises.
Architect—None.
Contractor — C. A. Logan, 39th Ave., Oakland. $1250

DWELLINGS
(5444) 2000-1-7-15-21 SIXTEENTH Ave., Oakland. 5 1-story 5-room dwellings.
Owner—F. A. Andrews, 826 Paloma Av. Oakland.
Architect—None. $3000 each

DWELLING
(5445) 1427 SIXTY-FIFTH AVE., Oakland. 1-story 4-room dwelling.
Owner—C. W. Cherry, 1368 15th St., Oakland.
Architect—None. $2500

DWELLING
(5446) W THIRTY-FIFTH AVE. 120 S Arizona St., Oakland. 1-story 4-room dwelling.
Owner—A. C. Cornwall, 35th Ave. and Hopkins St., Oakland.
Architect—None.
Contractor—W. C. Day, 3933 Magee Ave Oakland. $2000

DWELLING
(5447) W FORTY-EIGHTH AVE. 250 N E-14th St., Oakland. 1-story 5-room dwelling.
Owner—A. T. Felo, 1400 47th Ave, Oakland.
Architect—None.
Contractor—Bettencourt & Daly, 1460 47th Ave., Oakland. $3000

DWELLING
(5448) SW COR. FIFTY-EIGHTH & Adeline Sts., Oakland. 1-story 6-room dwelling.
Owner — G. H. Noble, 1336 Park St., Alameda.
Architect—None. $4000

STORE
(5449) S FIFTH ST. 100 E Franklin, Oakland. 2-story brick and tile store.
Owner—Hyman Davis.
Architect—None.
Contractor—V. H. Carter, Bank of Italy Bldg., Oakland. $7000

DWELLING
(5450) 401-5 OAKLAND AVE., Oakland. 1-story 5-room 2-fam. dwlg.
Owner—Mrs. M. H. Cox, 21 Park Way, Piedmont.
Architect—None.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $6800

ALTER & ADD
(5451) 5614 OCEAN VIEW DRIVE, Oakland. Alter and add.
Owner—E. C. Lund.
Architect—None. $1080

DWELLING
(5452) 4226 QUIGLEY ST., Oakland. 1-story 5-roo mdwelling.
Owner—Bostock & Ellery, 4134 Redding, Oakland.
Architect—None. $4000

DWELLING
(5453) N SYLVAN AVE. 380 E Maple Ave., Oakland. 1-story 5-room dwlg
Owner—Chas. F. Holden, 2616 Prentiss, Oakland.
Architect—None. $3000

DWELLING
(5454) W THIRTY-EIGHTH AVENUE opp. Agua Vista, Oakland. 1-story 3-room dwelling.
Owner—J. P. Santter.
Architect—None.
Contractor—H. Norris, 1420 65th Ave., Oakland. $2275

PUBLIC LIBRARY

BANK & OFFICE
(5455) E BROADWAY 55 N 12th St. N 45 E 100, Oakland. Floor and wall tile in basement and mezzanine of 17-story class A bank and office building.
Owner—The Oakland Bank, Broadway and 12th Sts., Oakland.
Architect—Reed & Corlett, Oakland Bk Bldg., Oakland.
Contractor—Scott Co. Inc., 381 11th St., Oakland.
Filed Nov. 17, 1923. Dated Oct. 31, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $1466
Bond, $733; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 3 months; Plans and specifications filed.

(5456) GOLD SEAL CORK TILE IN basement, 1st and 9th floors on above.
Contractor—Bonded Floors Co., 370 2nd St., San Francisco.
Filed Nov. 17, 1923. Dated Nov. 14, 1923. Payments same as above.
TOTAL COST, $4978
Bond, 2489; Sureties, U. S. Fidelity & Guaranty Co.; Forfeit, none; Limit, 4 months; Plans and specifications filed.

CLEAN & PAINT
(5457) BET. ALAMEDA PIER AND Mastic Junction, Alameda. Clean and paint 85 signal bridges and 4 lattice poles.
Owner—S. P. Co.
Architect—None.
Contractor—C. Stevens and T. A. Hopkins (Stevens & Hopkins), 45 E 7th and 5693 Keith, Oakland.
Filed Nov. 17, 1923. Dated Oct. 18, 1923.
Each month 75%
Usual 35 days 25%
TOTAL COST, $3564
Bond, $2673; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 60 days; Plans, none; Specifications filed.

APARTMENTS
(5458) 2626 ASHBY AVE., Berkeley. 3 story 6-room apartments.
Owner—H. L. Gilkey, 6449 Colby St., Berkeley.
Architect—None.
Contractor—Sommarstrom Bros. Co 311 El Cerrito Ave., Piedmont. $43,000

FLATS
(5459) 2341 2343 2345 2347 DWIGHT Way, Berkeley. 2-story 16-room flats.
Owner—Chas. Pike.
Architect—None.
Contractor—Harry Ahnefeld, 1969 Marin, Berkeley. $13,000

STORES
(5460) 2401-3-5-7 TELEGRAPH, Berkeley. 1-story class C stores.
Owner—S. J. Newman.
Architect—None.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $22,000

ALTER & ADD.
(5461) 2315-17 WARD ST., Berkeley. Alter and add.
Owner—D. Ben Replogle, premises.
Architect—None.
Contractor—C. H. Wood, 2319 Ward St. Berkeley. $4500

DWELLING.
(5462) 8212 BIRCH ST., Oakland. One-story 3-room dwelling.
Owner—Z. Gmerdon.
Architect—None.
Contractor — Jos. Flittner, 1700 35th Ave., Oakland. $2300

DWELLING.
(5463) 6433 BROWN AVE., Oakland. One-story 4-room dwelling.
Owner—J. J. Frances, 1615 84th Ave., Oakland.
Architect—None.
Contractor—H. J. Nichols, 7710 Foothill Blvd., Oakland. $2500

ADDITION.
(5464) 3136 COURTLAND AVE., Oakland. Addition.
Owner—C. A. Fitts.
Architect—None.
Contractor—B. H. Rider, 2843 Minna Ave., Oakland. $1200

STORE ROOM.
(5465) NW COR. E-TWELFTH ST., & Nineteenth Ave., Oakland. One-story brick store room.
Owner—J. J. Gantz, 1841 E-12th st, Oakland.
Architect—None. $5000

DWELLINGS.
(5466) 1437 1443 1449 EIGHTIETH Ave., Oakland. Three 1-story, 5-room dwellings.
Owner — W. B. Dickle, 917 62nd st., Oakland.
Architect—None. $3000 each.

DWELLING.
(5467) 1954 EIGHTY-FOURTH AVE., Oakland. One-story, 4-room dwelling.
Owner—Mrs. Elizabeth N. Brown, 1942 84th Ave., Oakland.
Architect—None.
Contractor—M. H. Loblaw, Box 73-C, Haywards. $2500

FLATS & STORES.
(5468) N E-FOURTEENTH ST., E Forty-seventh Ave., Oakland. Two-story, 6-room flatts and stores.
Owner—Mrs. Baidelene.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Oakland. $9800

ALTERATION.
(5469) 511-21 ELEVENTH ST., Oakland. Alteration.
Owner—C. A. Russell, premises.
Architect—None.
Contractor—John Perona, 570 7th St., Oakland. $2000

DWELLING.
(5470) 1612 E THIRTY-EIGHTH ST., Oakland. One-story 5-room dwelling.
Owner—L. H. Legris, 1357 Hampel St, Oakland.
Architect—None. $4500

SERVICE STATION.
(5471) NE COR HOBART and Telegraph, Oakland. Steel service station.
Owner—Shell Oil Company of California.
Architect—None. $1250

DWELLING.
(5472) 3223 HYDE ST., Oakland. One-story 5-room dwelling.
Owner—J. D. Fennelly, 2910 E 22nd. St., Oakland.
Architect—None. $3700

DWELLING.
(5473) 556 KENWYN ROAD, Oakland. One-story 6-room dwelling.
Owner—W. N. Brown.
Architect—None.
Contractor—A. C. Hedeen, 839 Rosemont Road, Oakland. $5000

DWELLING.
(5474) 3508 LYON AVE., Oakland. One-story 5-room dwelling.
Owner—H. E. Harwood, 2452 35th Ave., Oakland.
Architect—None. $3000

DWELLING.
(5475) W RADNOR ROAD, 150 N Cleveland, Oakland. Two-story 6-room dwelling.
Owner—C. C. Strandberg
Architect—None.
Contractor—H. L. Hayden, 1019 Brush St., Oakland. $7000

DWELLING.
(5476) N ROCKRIDGE BLVD., 140 W Prospect Drive, Oakland. One-story 7-room dwelling.
Owner—J. M. Fitts, 5157 Shafter Ave., Oakland.
Architect—None. $6000

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

DWELLING.
(5477) 2601 SIXTY-FIFTH AVE., Oakland. One-story 6-room dwelling.
Owner—J. F. Patterson, San Pablo Hotel, Oakland.
Architect—None. $4000

BUILDING
(5478) S EIGHTH ST. 112-6 E Jefferson St. E 37-6 S 100, Oakland. All work for 1-story class C building.
Owner—C. P. Kiel, 730 Lakeshore Ave., Oakland.
Architect—A. W. Smith, 1010 Broadway Oakland.
Contractor—G. A. Scott, 685 23rd St., Oakland.
Filed Nov. 19, 1923. Dated Nov. 16, 1923.
Side & rear walls 12 ft. high...$1600
Roof completed 1800
Completed and accepted 1600
Usual 35 days 1750
TOTAL COST, $6750
Bond, $4000; Sureties, C. M. MacGregor and Alice M. Scott; Forfeit, $5 day; Limit, 60 days; Plans and specifications filed.

DWELLING
(5479) NE BIRCH ST. 95 SE 82nd Ave SE 39.23 NE 80 NW 40.41 SW 80, Oakland. 1-story 3-room dwelling.
Owner—Zeno Gwerder, 2379 Humboldt Ave., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Av. Oakland.
Filed Nov. 19, 1923. Dated Nov. 19, 1923.
Frame up $600
Brown coated 600
Completed and accepted 600
Usual 35 days 600
TOTAL COST, $2400
Bond, Sureties, none; Forfeit, $1 day; Limit, 75 days; Plans and specifications filed.

SCHOOL
(5480) OAKLAND. Location not given. All work for school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—John J. Donovan, 1916 Edwy Oakland.
Contractor—Larsen-Siegrist Co., Inc., Claus Spreckels Bldg., S. F.
Filed Nov. 19, 1923. Dated Nov. 13, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $214,447
Bond, $107,223.50; Sureties, New Amsterdam Casualty Co.; Forfeit, $30 day; Limit, 190 days; Plans and specifications filed.

APARTMENTS
(5481) NO. 2530 LE CONTE, Alameda. Two-story 14-room apartments.
Owner—Mary E. Hizer, 1400 Milvia St., Berkeley.
Architect—None.
Contractor—Sutcliff & Hitchcock, 2092 Chestnut St., Berkeley. $11,000

DWELLING
(5482) NO. 1400 LE ROY, Berkeley. Two-story 8-room dwelling.
Owner—Miss Mary B. Wallace, 2201 Derby, Berkeley.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. $10,000

DWELLING
(5483) NO. 850 OXFORD ST., Berkeley. One-story 5-room dwlg.
Owner — S. M. Hunter, 2103 Woolsey St., Berkeley.
Architect—None. $6500

DWELLING
(5484) NO. 1908 High St., Alameda. One-story 5-room dwelling.
Owner — Nellie Fennelly, 1407 Para St., Alameda.
Architect—None. $4000

DWELLING
(5485) BAY FARM ISLAND, Alameda. One-story 2-room dwelling and garage.
Owner—D. Lavogetto.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. $3550

DWELLING
(5486) NO. 1619 GRAND ST., Alameda. One-story 5-room dwelling.
Owner—G. W. Ervin, 1632 Pacific Ave., Alameda.
Architect—None. $3000

DWELLING
(5487) BAY FARM ISLAND, Alameda. One-story 4-room dwelling.
Owner—E. B. and A. L. Stone, Claus Spreckels Bldg., S F.
Architect—None. $2450

DWELLING
(5488) NO. 2615 LINCOLN ST., Alameda. One-story 6-room dwlg.
Owner—W. E. Willis, 1131 Adeline St., Oakland.
Architect—None. $1500

FLATS
(5489) NO. 1115-17 MOUND ST., Alameda. Two-story 11-room flats.
Owner—Rose M. Hilsop, 3200 Sterling Ave., Alameda.
Architect—None.
Contractor—L. R. Chapton, 442 Haight Ave., Alameda. $5500

DWELLINGS
(5490) NO. 3247, 3251, 3253 MADISON St., Alameda. Three one-story 4-room dwellings.
Owner—Callie Buck, 1218 College Ave., Alameda.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $2636 ea

DWELLING.
(5491) 3221 SCHOOL ST., Oakland. One-story 4-room dwelling.
Owner—Alice Swasey.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $2200

DWELLING.
(5492) 2044 E-NINETEENTH ST., Oakland. One-story 4-room dwelling.
Owner—J. F. Chambers, Plaza Bldg., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $2200

GARAGE.
(5493) E FORTY-FIFTH AVE., 100 S E-14th St., Oakland. One-story brick garage.
Owner—W. T. Wilkins, 4511 E-14th St., Oakland.
Architect—None. $1000

ALTERATION.
(5494) 1525 BROADWAY, Oakland. Alteration.
Owner—Engs & Morgan, premises.
Architect—None.
Contractor—Bay City Cabinet Co., 1080 5th St., Oakland. $1000

DWELLING.
(5495) E YALE AVE., 175 S Porter St., Oakland. One-story 4-room dwelling.
Owner—H. C. Lukes, 1617 8th St., Alameda.
Architect—None. $2000

DWELLING.
(5496) 26 MURDOCK COURT, Oakland. One-story 6-room dwelling.
Owner—A. F. McInnes, premises.
Architect—None. $2500

DWELLING.
(5497) W SIXTY-SEVENTH AVE., 100 N Flora, Oakland. One-story 5-room dwelling.
Owner—D. T. La Paugh, 3314 Telegraph Ave., Oakland.
Architect—None. $2500

DWELLING.
(5498) S AVENAL AVE., 53 W Sixty-third Ave., Oakland. One-story 5-room dwelling.
Owner—A. E. Waldman, 8175 53rd St., Oakland.
Architect—None. $3000

APARTMENTS.
(5499) W MARKET ST., 95 S Aileen St., Oakland. Two-story 16-room apartments.
Owner—J. C. Farrar, Oakland.
Architect—None.
Contractor—Harry C. Knight, 288 12th St., Oakland. $17000

ALTERATIONS
(5500) W FOURTEENTH ST. BETW. Clay and Jefferson, Oakland. Alteration in basement of 4-story class C office and store building.
Owner—The Rudolph Wurlitzer Co. of California.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—Peter Sartorio, 1849 Chestnut St., San Francisco.
Filed Nov. 20, 1923. Dated Nov. 16, 1923.
Plastered $1100
Completed and accepted 1189
Usual 35 days 763
TOTAL COST, $3052
Bond, $1526; Sureties, C. Sartorio & C. Bruschera; Forfeit, $10 day; Limit, 20 days; Plans and specifications, none.

DWELLING
(5501) 1615 ARCH ST., Oakland. 1-sto. 6-room tile dwelling.
Owner—Clara Van Ness Steffen, prem.
Architect—None.
Contractor—I. L. Todd, 1036 Santa Clara Ave., Alameda. $7500

DWELLINGS
(5502) 1625, 1629 & 1631 SACRAMENTO, Berkeley. 3 1-story 5-rm. dwlgs
Owner—Rita Warford, 2261 Shattuck, Berkeley.
Architect—None.
Contractor—F. F. Ingram, 1956 University Ave., Berkeley. $3500 each

STORES
(5503) 2041-43-45-47-49 UNIVERSITY Ave., Berkeley. 1-story 5-rm Class C stores.
Owner—Rebecca Roth.
Architect—August G. Headman, Call Bldg., San Francisco.
Contractor—Walter Murch, Fox Bldg., Oakland. $20,000

ADDITION
(5504) NW COR. E-NINETEENTH ST. and 18th Ave., Oakland. Addition.
Owner—J. C. Figerouid, 1746 E-19th St., Oakland.
Architect—None.
Contractor—Baker Bros., 823 35th St., Oakland. $3800

DWELLING
(5505) S FOOTHILL BLVD. 40 W 82nd Ave., Oakland. 1-story 4-room dwlg
Owner—Annie Lytle, 8024 Foothill Blvd Oakland.
Architect—None. $2000

DWELLING
(5506) SE COR. HAYES ST. & SEMINARY Ave., Oakland. 1-story 4-rm. dwelling.
Owner—M. Page, 2060 55th Ave., Oakland.
Architect—None. $2000

STORES
(5507) 2030 HOPKINS ST., Oakland. 1-story stores.
Owner—Chas. Tepper, premises.
Architect—None.
Contractor — Gallagher & Taten, 3604 High St., Oakland. $6000

DWELLINGS
(5508) S HAYES ST 35 & 80 E SEMINARY, Oakland. 2 1-story 4-rm dwlg.
Owner—M. Page, 2060 55th Ave., Oakland.
Architect—None. $2000 each

ADDITION
(5509) 921 & 931 MARKET ST., Oakland. Addition.
Owner—A. J. Barton, premises.
Architect—None.
Contractor—W. H. Howlett, 914 Myrtle St., Oakland. $2800

DWELLING
(5510) 3348 MAINE ST., Oakland. 1-story 3-room dwelling.
Owner—Effie Harn.
Architect—None.
Contractor—John Nelson, 1388 81st Ave Oakland. $1500

DWELLING
(5511) 846 MANDANA BLVD., Oakland. 2-story 2-room dwelling and garage.
Owner—K. L. Hamman.
Architect—None.
Contractor—J. B. Sircy, 2057 Central Ave., Alameda. $1900

DWELLINGS
(5512) 1922 1928 1934 1940 NINETY-eighth Ave., Oakland. 4 1-story 4-room dwellings.
Owner—John R. Foulkes, 9828 E-14th St., Oakland.
Architect—None. $2800 each

DWELLING
(5513) E RAWSON AVE. 200 N Trask St., Oakland. 1-story 5-room dwlg.
Owner—A. C. Meadows.
Architect—None.
Contractor—E. E. Rollins, 357 Athol Ave., Oakland. $4000

DWELLING
(5514) 2011 THIRTY-FIFTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Mary Cameron, 3422 Alexander Court, Oakland.
Architect—None.
Contractor — Callahan & McIntosh. $3500

ALTERATION
(5515) 1701 THIRTY-FIFTH AVE., Oakland. Alteration.
Owner—George Muller, 1705 35th Ave., Oakland.
Architect—None.
Contractor — Jos. Flittner, 1700 35th Ave., Oakland. $2500

STORE BLDG.
(5516) 2030 HOPKINS ST., Oakland. 1-story store building.
Owner—Charles Tepper, Premises.
Architect—L. R. Hazeltine.
Contractor—James P. Gallagher and Fred Taten, (Gallagher & Taten) 360 High St., Oakland.
Filed Nov. 21, 1923. Dated Nov. 17, 1923.
Roof boarded $1500
Primed 1000
Plastered 1000
After 31 days 1850
TOTAL COST, $5350
Bond, Sureties, none; Forfeit, $1 day; Limit, 35 days; Plans and specifications none.

ALTERATIONS
(5517) NE E-NINETEENTH ST. AND NW 18th Ave. NW 50 NE 140 Oakland. Alterations.
Owner—Mr. and Mrs. J. C. Figrouid, 1746 E 19th St., Oakland.
Architect—None.
Contractor—E. R. & H. C. Baker, 823 35th St., Oakland.
Filed Nov. 21, 1923. Dated Nov. 20, 1923.
Ready for roof $730
Ready for lath 730
Plastered 730
Completed and accepted..... 730
Usual 35 days 730
TOTAL COST, $3650
Bond, Sureties, Forfeit, Limit, none; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Nov. 15, 1923—PTN LOTS 5 AND 6 Blk 'B" East Piedmont Heights, Oakland. Elsie A and Frank J Rodrigues to Frank A Andrews.. .....Nov. 12, 1923

Nov. 15, 1923—N WOOLSEY 83.50 W Dana W 33.50xN 100, Berkeley. W B Allatt to Oakley & Kolmodin... .....Nov. 14, 1923

Nov. 15, 1923—N SANTA CLARA AV 202 W Union W 50xN 140, Alameda. Harold Norton to F J Sheile.....Nov. 14, 1923

Nov. 15, 1923—NW EIGHTY-SECOND Ave 90 SW Foothill Blvd NW 114.98 SW 39.49 SE 112.77 NE 39.55, Okd. Geo E Carlisle to whom it may concern.....Nov. 15, 1923

Nov 15, 1923—SE ROSE AND TELEgraph Ave E 105.08 S 50 W 110 N 51.95, Oakland. P Q Rothrock to whom it may concern..Nov. 15, 1923

Nov. 15, 1923—NO. 1809 SHATTUCK Ave, Berkeley. W R Jenkins to Clarence M Starr.....Nov. 14, 1923

Nov. 15, 1923—LOT 10 Esden Tract, Oakland. C H Graham to whom it may concern.....Nov. 14, 1923

Nov 15, 1923—SW BROADWAY AND Ada Sts. 40x100, Oakland. Irene Van de Carr to Oakland & San Francisco Improvement Co..... .....Nov. 14, 1923

Nov. 15, 1923—SW 15 LOT 2 ALL LOT 3 Blk 4 Map Key Route Heights Oakland. Marguerite W. Hage to C. A. Birch.....Nov. 25, 1923

Nov. 16, 1923—LOT 16 MAP CROCKer Highlands, Oakland. Kenneth C. Martin to C. M. MacGregor..... .....Aug. 15, 1923

Nov. 16, 1923—NE COR. MOSS AVE. & New Bdwy N 178.75 E 150 N 192 E 250 S 443 W 322-8, Oakland. Bablola Hospital Assn. to George Dixon .....Nov. 9, 1923

Nov. 16, 1923—LOT 23 BLK 24 MAP Melrose Heights, Oakland. L. C. Draper to California Builders Co. .....Nov. 15, 1923

Nov. 16, 1923—NW EIGHTH AVE 40 NE E-23rd St, NE 38 SW 38 SE 100 Oakland. L. C. Fish to whom it may concern .....Nov. 15, 1923
Nov. 16, 1923—NO. 3473 WOODRUFF Ave., Oakland. Robert D. Grimes to whom it may concern.Nov. 16, 1923
Nov. 16, 1923—SE FOUNTAIN ST. 116-½ NE Encinal Ave. NE 40 SE 100 Alameda. Mario & Lottie Ghiselli to whom it may concern...Nov. 1, 1923
Nov. 16, 1923—N FOURTH ST. 135 E Harrison St. E 40 N 100, Oakland. Nelson-Lee Paper Co. to F. A. Muller .....Nov. 1, 1923
Nov. 17, 1923—E MUIR AVE 124.82 S Lafayette Ave., Piedmont. Lucile D McCaffery to Emil Person.....Nov. 14, 1923
Nov. 17, 1923—N DUTTON AVE 119.02 E Warwick Ave E 49.72 N 116.3 W 48 S 103.38, ——. Mary R Affonso to George Bellamy.....Nov. 13, 1923
Nov. 17, 1923—(1) SEVENTH AND Washington; (2) 20th and Franklin (3) 16th St. Depot, Oakland. S. P. Co to Hutchinson Co....Nov. 13, 1923
Nov. 17, 1923—LOT 3 Wildwood Gardens, Piedmont. Harold J Harve to M P Brasch.....Nov. 8, 1923
Nov. 17, 1923—LOT 18 BLK "B" Map Kenwood Park, Oakland. J H Clothier to Geo E Nickerson and C W Griffith.....Nov. 15, 1923
Nov. 17, 1923—NW E-TWENTIETH St. and 17th Ave., Oakland. I C Wilson to whom it may concern.....Nov. 9, 1923
Nov 19, 1923—NW FIFTH AVE 40 S E-17th SW 40xNW 100, Oakland. John G Silva to whom it may concern.....Nov. 16, 1923
Nov. 19, 1923—LOT 71 and NE 5 Lot 72 Map Allendale Park, Oakland. Hugo and Anna Nelson to James H Pedgrift.....Nov. 15, 1923
Nov. 19, 1923—LOT 47 BLK 8, Map Steinway Terrace, Okd. Theresa Healey to Samuel Burns Davis.....Nov. 2, 1923
Nov. 19, 1923—SW GALVIN 81.60 NW Everett Ave NW 40 SW 94.53 SE 4.44 NE 88.55, Oakland. Edward Berg to whom it may concern.....Nov. 10, 1923
Nov. 19, 1923—NO. 1507 BEVERLY Place, Albany. Helen Cohen to Patton & Kelso.....Nov. 19, 1923
Nov. 19, 1922—LOT 19 Piedmont Park Tract, Piedmont. N H E Clark to whom it may concern..Nov. 15, 1923
Nov. 20, 1923—S 32 LOT 2 BLK 15 Boulevard Park, Oakland. J W Sigwald to whom it may concern.....Nov. 20, 1923
Nov. 20, 1923—SW E-TWENTY-second and SE 19th Ave SE 88-9x SW 35, Oakland. Adaline Gehring to whom it may concern.Nov. 17, 1923
Nov. 20, 1923—LOT 25 BLK 20, Map Melrose Heights, Oakland. G MacInnis to McWethy & Greenleaf.....Nov. 19, 1923
Nov. 20, 1923—LOT 17 BLK "C" Northbrae Terrace, Berkeley. Effa Hogue to Otto Butzke..Nov. 17, 1923
Nov. 20, 1923—LOT 1 BLK 5 Map Lakeshore Highlands, Oakland. Mrs. John B Matthews to August Frederick Anderson....Nov. 19, 1923
Nov. 20, 1923—NO. 1277 CAROLINE St., Alameda. Ernst A Kahl to H M Frostholm.....Nov. 10, 1923
Nov. 20, 1923—LOT 8 BLK 9, Thousand Oaks Tract, Berkeley. J Harry Smith to whom it may concern.....Nov. 20, 1923
Nov. 20, 1923—NO. 416 PULA AVE., Piedmont. Katherine C Rich to Leslie G Geary.....Nov. 10, 1923
Nov. 21, 1923—S ½ LOT 4 BLK "B" Mont Clair Estate, Oakland. Daisie Ford to whom it may concern.....Nov. 21, 1923
Nov. 21, 1923—½ LOTS 11 AND 12 Map **Fitzburg** Addition, Oakland. O L Adams to whom it may concern.....Nov. 19, 1923
Nov. 21, 1923—3117 SIXTY-THIRD Ave., Oakland. Nestor Constant to whom it may concern.Nov. 5, 1923
Nov. 21, 1923—1028 SAN ANTONIO Ave, Alameda. Julius J Groden to whom it may concern..Nov. 21, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Nov. 15, 1923—SW E-TWENTY-eighth and SE Eleventh Ave SE 120 xSW 55, Oakland. Walter Grey vs Wanda Ananos, George M Merritt Bldg Co, Inc and George M Merritt $961.90
Nov. 15, 1923—(1) S DALE PLACE 125 E 38th Ave.; (2) S Dale Place 165 E 38th Ave; (3) S Dale Place 205 E 38th Ave., Oakland. O Durham vs Kramer Bros, E C Kramer and John Doe $105
Nov. 16, 1923—SW FIFTY-FIFTH & Wentworth Aves, Oakland. Henry Cowell Lime & Cement Co vs F P Swansick, S McDowell and Anna Newman $31.45
Nov. 19, 1923—S WENTWORTH AVE and NW 55th Ave W 69.55 S 70 NE 105.29, Oakland. Sunset Lumber Co vs Anna Newman and D W Arnott $57.85
Nov. 20, 1923—LOT 9 and S 12½ Lot 10 Blk 14 Map Regents Park No. 8, Berkeley. Hunter Lumber Co vs Fred F Sprow and R G Kinsey.....$646.96
Nov. 20, 1923—LOT 21 BLK 40 Map California Builders Tract, Berkeley. Sunset Lumber Co vs J W. and Florence E Brison.....$29.14
Nov. 21, 1923—LOT 45 BLK 6/2951 Map Resubdivision North Cragmont, Berkeley. J A Sumner vs Mrs Dona Leonard and J E White $375
Nov: 21, 1923—SW E-TWENTY-eighth and SW Eleventh Ave SW 121.20 SE 55 NE to E-28th St. NW 55, Oakland. J H Angleman vs Wanda and Heraclio R Anonos, Margaret M Anonos, Geo M Merritt Bldg Co., Inc., and Geo M Merritt.....$600

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Nov. 15, 1923—LOT 11 and S Ptn Lot 12 Blk "F" Map Peralta Heights, Oakland. D J Canty Co to Charles C Williams and Margaret C Prada $123.35
Nov. 15, 1923—LOT 52 BLK 6, Map Resubdivision Ptn North Cragmont Berkeley. G Asia, C, Fregno and T. Bassi, $121; Jewell Electric Co, $75; Berkeley Hardware Co, $86.40; W S Cooper, $180; Mayer Mfg Co, $23,50; Duner-Matheney Sash & Door Co, $133.75; R H Buck, $160; H Aronsen, $240; E K Wood Lumber Co, $134.36 A M Sayers, $363.60 to A D and Gladys L Whearty....
Nov. 16, 1123—NE SUNNYHILLS RD and Trestle Glen, Oakland. Oakland Building Material Co to H Brown $150.35
Nov. 16, 1923—S ASHMOUNT AVE 90 W Mandana Blvd, Oakland. Inlaid Floor Co to Herbert J Samuels $300
Nov. 16, 1923—NW FRUITVALE AVE and SW land conveyed to William H Wheeler recorded Liber 2393 Deeds Page 261 NE 90xNW 100, Oakland. K H Seeman, $358; Rhodes-Jamieson & Co, $151.05 to R O McCline .....
Nov. 19, 1923—LOT 8 Map Mesa Alta Tract No. 2, Oakland. Sunset Lumber Co to Minnie Beck and T W Knife $297.47

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Notice of Non-Responsibility

ALAMEDA COUNTY

Nov. 17, 1923—LOTS 88 AND 89 BLK 6 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property .....
Nov. 19, 1923—NO. 456 ELEVENTH St., Oakland. Jonas Investment Co as to improvements on property...
Nov. 20, 1923—LOT 8 and N 24½ Lot 7 Blk 89, Kellersbergers Map of Oakland. L C Snyder as to improvements on property.....

EXTENSION OF BLDG. CONTRACT

ALAMEDA COUNTY

Nov. 21, 1912—Southern Pacific Co. with Hutchinson Co. Contract dated July 19, 1923. Extended 90 days from Oct. 20, 1923.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 1-story 6-room, and garage, $4750; 1062 47th, Sacramento; owner, Mrs. C. M. Warren, 1212½ G Sacramento; contractor J. A. Saunders, 2810 I, Sacramento.
DWELLING, 1-story 5-room, and garage, $2925; 2562 25th Sacramento; owner, Wright & Kimbrough, 817 J. Sacramento; contractor, B. H. Bell, 3252 Marshall Way, Sacramento.
FLATS, 2-story 2 flats each, $1500; 1214½ X, Sacramento; owner, L. D. Walker, 1216 X, Sacramento; contractor, Geo. F. Wright, 3981 2nd Ave., Sacramento.
DWELLING, 1-story 5-room, and garage, $4000; 1537 Santa Ynez Way, Sacramento; owner, I. Nannimi, 1821 9th St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3500; 2408 19th, Sacramento; owner, M. Montald, 1830 X, Sacramento.
DWELLING 1-story 5-room, and garage, $3200; 4163 5th Ave., Sacramento; owner, Arthur Delano, 1025 8th St., Sacramento; contractor, T. B. Hunt, 2926 S, Sacramento.
DWELLING, 1-story 5-room, and garage, $4200; 1532 37th, Sacramento; owner, W. B. Aldrich, 3450 1st Ave., Sacramento.
DWELLING, 1-story 5-room, and garage, $3300; 2216 19th, Sacramento; owner, Arthur Delano; contractor, T. B. Hunt.
DWELLING, 1-story 5-room, and garage, $2500; 568 Santa Ynez Way, Sacramento; owner, Mrs. A. Williams, 516½ 15th, Sacramento.
REPAIRS and remodel, $2950; Lot 8 K L 22 23, Sacramento; owner, Geo. Bock, 1117 22nd, Sacramento; contractor, F. Maloney, 3172 T, Sacramento.
DWELLING, 1-story 6-room, and garage, $7500; owner, Gertrude Lawson, 1611 11th St., Sacramento; contractor, F. Maloney
DWELLING, 1-story 5-room, and garage, $2800; 317 32nd, Sacramento; owner, F. L. Terra, 1712 W, Sacramento.
DWELLING, 1-story 5-room, and garage, $2500; 3801 53rd, Sacramento; owner, W. W. Fristoe, 5301 14th St. Sacramento.
DWELLING, 1-story 6-room, and garage, $3000; 584 36th, Sacramento; owner, W. D. McKoy, 3031 E, Sacramento; contractor, H. G. Birdsall, 1403 13th Sacramento.
FLATS (2) 3-room each, and garage 1 stall, $6000; 2249 Gerber Ave., Sacramento; owner, Irene Sheton, 3821 Miller Way, Sacramento
DWELLING, 1-story 5-room, $4500; owner, A. W. Sanderson, 573 37th Sacramento.
DWELLING, 1-story 5-room, and garage, $2500; 2973 3rd Ave., Sacramento; owner, S. J. Aldrich, 2627 32nd, Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 900 29th St., Sacramento; owner, J. Leam, 2325 E St., Sacramento; contractor, L. J. Hiller, 1080 Santa Ynez Way, Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 916 39th St., Sacramento; owner, J. L. Miller.

DWELLING, 1-story 5-room and garage, $4600; No. 2406 D St., Sacramento; owner, J. W. Broyles, Roseville; contractor, C. J. Hopkinson, 1318 25th St., Sacramento.
FOUR flats, 2-story 3 rooms each and garae, $8000; No. 714 27th St., Sacramento; owner, W. W. Thomson, Aberdeen Apts., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Nov. 13, 1923—N 36 FT. 3½ in Lot 5, H. I. 14th & 15th Sts., Sacramento. Eldon Platt and Mabel A (ux) to whom it may concern..Nov. 10, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Nov. 15, 1923—LOT 5 U V 15 16, Sacramento. Superior Lumber & Fuel Co. vs. Joseph C. Gomez.....$72.70
Nov. 13, 1923—S ½ OF N ½ LOT 1, D. E. 19th and 20th Sts., Sacramento. William H Maltman vs M P Shepherd and C W Zelzarl....$196.58
Nov. 15, 1923—TCT 46, Swanston Ac. P F Bender vs Horace J Brock and Ruth A (ux) $1364.30

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

ALTERATIONS
NW WEBER AVE AND HUNTER ST., Stockton. Complete improvements and alterations to Windsor Hotel.
Owner—Mrs. Cynthia and Miss Hannah Gray and Mrs. Abbie H. Garwood, 315 E-Fremont St., Stockton.
Architect—None.
Contractor—J. F. Hoerl, 1128 S-Stanislaus St., Stockton.
Filed Nov. 6, '23.. Dated Oct. —, '23.
TOTAL COST, $3245
Bond, none. Limit, on or before Jan. 1, 1923. Forfeit, none. Plans and specifications, none.

REMODELED, $4000; 209 East Weber, Stockton; owner, Gray Estate.
RESIDENCE, $3250; 905 North Pershing, Stockton; owner, Albertson & Drais, Bk of Italy Bldg., Stockton.
RESIDENCE, $3500; 1543 Lucerne, Stockton; owner, W. E. Stone, 1541 Lucerne, Stockton.
REMODEL, $7800; 622 Sast Lafayette, Stockton; owner, J. Veirra.
RESIDENCE, $5500; 1710 Monet Diablo, Stockton; owner, A. R. Tracy, Mt. Diablo Ave., Stockton.
RESIDENCE, $3250; 901 North Pershing, Stockton; owner, Albertson & Drais, Bank of Italy Bldg, Stockton.
RESIDENCE, $3250; 911 North Pershing, Stockton; owner, Albertson & Drais, Bank of Italy Bldg., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Nov. 14, 1923—LOT 1 BLK 11 LAKE Park, Stockton, Wm. J. Field to whom it may concern....Nov. 7, 1923

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

ALTERATIONS
FULTON ST., No. 1020, Fresno. All work for alterations.
Owner—W. P. Fuller & Co., Premises.
Architect—None.
Contractor—Cowan & Mitchell.
Filed Nov. 10, '23. Dated Nov. 9, '23.
One completion 75%
Usual 35 days..... 25%
TOTAL COST, $2725
Bond, $1400. Sureties, Roy M. Cowan and Geo. R. Evans. Limit, 190 working days after Nov. 13, 1923. Forfeit, $25 per day. Plans and specifications filed.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Nov. 14, 1923—LOTS 13 14 BLK 8 North Park Terrace, Fresno. P. A. Wolff to whom it may concern.... .....Nov. 9, 1923
Nov. 14, 1923—LOTS 25 26 NISHKIAN Tract, Fresno. J. A. Schlotthauer to whom it may concern ..Nov. 12, 1923
Nov. 16, 1923—LOTS 12 AND 13 BLK 5, College Park, Fresno. O W Wood to whom it may concern..Nov. 14, 1923
Nov. 16, 1923—N 20 FT. LOT 5, all Lot 6 Blk 1, Central Park Addn, Fresno. W B Watson and A F. Lambert to whom it may concern....Nov. 16, '23

LIENS FILED

FRESNO COUNTY

Recorded Amount
Nov. 7, '23—LOTS 32 33 BLK 3 TORrance Terrace, Fresno. Routt Lumber vs. N. E. Deardorf $935
Nov. 7, 1923—LOT 15 SE 20 FT LOT 16, Blk 47, K B Hts., Fresno. Tyre Bhas. Glas Co. vs. Elmas an dG. B. Epekjian $34
Nov. 7, 1923—LOT 24 W ½ LOT 25 Blk 1 Bartlett Hts., Fresno. A. A. Jay vs. R. E. Gass $35
Nov. 8, 1923—LOTS 33 TO 38 BLK 6 North Park Terrace, Fresno. Ruott Lmbr Co., Inc. vs. Peter A. Wolff $121
Nov. 8, 1923—LOT 6 BLK 12 Wilson N F Tract, Fresno. Lewis Electric Co., Inc. vs. W. Berton Valley Holding Co. and J. B. Welch.....$129
Nov. 8, 1923—LOTS 15 16 BLK 47 K B Hts., Fresno. Same vs. P. A. Wolff Bldg. Co., G. B. and Elmas Epekjian $127
Nov. 8, 1923—LOTS 13 14 BLK 8, North Park Terrace, Fresno. Same vs. P. A. Wolff Bldg. Co. and W. H. Say $208
Nov. 8, 1923—LOT 6 BLK 11 WILSON N W Tract, Fresno. Same vs. P. A. Wolff Bldg. Co. & Aurelia S. Pridham $136
Nov. 9, 1923—LOTS 15 16 BLK 88 Fairmont. Midstate Pipe and Supply Co. vs. R. C. and Irene Cottman and M. A. Spears $120
Nov. 10, 1923—LOT 25 BLK 1 BARTlett Hts, Fresno. Libby Asa vs. R. S. Gass et ux $193
Nov. 9, 1923—SAME. King-Johnson Co. vs. Same $118
Nov. 9, 1923—LOT 1 BLK 19 HAZelwood Addition, Fresno. R O Deacon Inc. vs. Hagop Avakian and H. B. Zeronian $57
Nov. 9, 1923—LOTS 24 25 BLK 1 Bartlett Hts. Fresno. Fisher-Glassford Hdwe Co. vs Robt. S. Gass..$68
Nov. 13, 1923—LOT 6 BLK 12 WILson North Fresno Tract, L. L. Howard Planing Mill Co. vs. Walter B. Berton and J. B. Welch.....$356
Nov. 13, 1923 — LOTS 7 8 WHITE House Tract, Fresno. Same vs Walter B. Berton and R. N. Peterson.$565
Nov. 13, 1923—LOT 6 BLK 11 WILson North Fresno Tract. Valley Tile and Mantel Co. vs P. A. Wolff and Aurelia Pridham.....$509
Nov. 15, 1923 — LOTS 7, 8 WHITEhouse Tract, Fresno. Victor Cox vs E. Berton. $280
Nov. 15, 1923—LOTS 5, 6 BLK 81, Sierra Vista Tract, Fresno. W. A. Beran vs Robt. Hubbard.....$100
Nov. 16, 1923—LOTS 15 AND 16 BLK 88, Fairmont. Craycroft-McKnight Brick Co vs R C Cottman.....$98
Nov. 16, 1923—LOTS 7 AND 8, Whitehouse Tract, Fresno. Craycroft-McKnight Brick Co vs Walter and Florence Burton, Valley Bank and R N Peterson.....$95

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

ALTERATIONS
NO. 305-309 W-SANTA CLARA ST., San Jose. All work for alterations and addition of store front and interior of store.
Owner—A. F. Lassere, San Jose.
Architect—Herman Krause, Bird and Palm Sts., San Jose.
Contractor—Megna & Newell, San Jose
Filed Oct. 30, '23. Dated Oct. 15, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $3954.50
Bond, none. Limit, 50 days frame Oct. 15, 1923. Forfeit, none. Plans and specifications filed.

STORE BLDG.
69 FT. FRONTAGE ON E S-FIRST ST., between San Salvador and William Sts., San Jose. All work for one-story frame and brick store building.
Owner—C. E. Hablutzel and B. E. Ledyard, Ryland Bldg., San Jose.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Charles Thomas, San Jose.
Filed Oct. 19, '23. Dated Oct. 15, '23.
As work progresses..... 75%
sual 35 days..... 25%
TOTAL COST, $13,630
Bond, $7000. Sureties, J. A. Chase and S. H. Chase. Limit, 90 working days from Oct. 19, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
LOT 1 BETTENCOURT SUB., San Jose. All work except hardware, painting, excavating and cement work for one-story frame residence.
Owner—Margaret E. Coote and Angela Kell.
Architect—None.
Contractor—F. E. Keesling.
Filed Oct. 31, '23. Dated Oct. 29, '23.
Frame up 25%
Finish plaster on..... 25%
Completed 25%
Usual 35 days..... 25%
TOTAL COST, $4020
Bond, $2010. Sureties, A. L. Hubbard and John Lindgren. Limit, 90 working days from Oct. 29, 1923. Forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 18 GIFFORD ADDITION, San Jose All work for one-story 4-room bungalow and garage.
Owner—John R. and Gladys A. Byer.
Architect—None.
Contractor—D. H. Main and S. C. Evans
Filed Oct. 30, '23. Dated Oct. 29, '23.
Frame up $788.75
Brown coat plaster on..... 788.75
Completed 788.75
Usual 35 days..... 788.75
TOTAL COST, $3155
Bond, $1577.50. Sureties, A. L. Hubbard and John Lindgren. Limit, 60 working days from Oct. 29, '23. Forfeit, none. Plans and specifications filed.

COTTAGE
E N-THIRTEENTH ST. 250 m or l S of Empire Sts., San Jose. All work for one-story 5-room frame cottage
Owner—M. F. Serpa, 490 N-13th St., San Jose.
Architect—William H. O'Neil, 500 N-15th St., San Jose.
Contractor—William H. O'Neil, 500 N-15th St., San Jose.
Roof shingled $805
Brown coat plaster on..... 805
Accepted or occupied by owner.. 805
Usual 35 days..... 805
TOTAL COST, $3220
Bond, none. Limit, 90 working days from Nov. 16, 1923. Forfeit, none. Plans and specifications filed.

ALTER front, $2000; Julian St., San Jose; owner, Anderson-Barngrover Co., W-Julian St., San Jose; architect, C. H. McKenzie, Bank of San Jose Bldg., San Jose.
OFFICE and sheds, $1985; Santa Clara and Cahill Sts., San Jose; owner, Bisceglia Bros., 5th and Santa Clara Sts., San Jose; contractor, L. A. Scaglione, Core & Bird Sts., San Jose.
COTTAGE, 5-room, $3500; Third St. nr. Mission St., San Jose; owner, H. E. Wolters.
COTTAGE, 4-room, $1950; N 21st St. near Empire St., San Jose; owner, M. Winkelback.
COTTAGE, 5-room, $3900; N-Thirteenth St, near Julian, San Jose owner, Joe Cortese, 234 N-25th St., San Jose; contractor, E. Berggren.
COTTAGES, (2) 5-room, $3750 each; Vine and Balbach Sts., San Jose; owner, Jerome Garcia, 1052 S-First St., San Jose.
CHURCH auditorium, $7000; Fourth & San Antonio Sts., San Jose; owner, Pentacostal Mission.
ALTERATIONS, $1200; No. 356 S-Ninth St., San Jose; owner, Jas. H. Prall.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Nov. 15, 1923—NW PERSHING AND Hoover Aves, Alameda Park Tract, San Jose. W H Gray to E J Smith .....Nov. 14, 1924
Nov. 15, 1923—MORGAN HILL, New Grammar School Site Board of Trustees of Morgan Hill Grammar School Dist to Wm Radtke. Nov. 2, '23
Nov. 16, 1923—LOT 7 OF J. M. Nelson's Nob Hill Subd or Lot 26 Odd Fellows Savings Bank Tract B, Maps 14 or Maps 89, San Jose. Wm Regel to whom it may concern... .....Nov. 16, 1923
Nov. 16, 1923—LOT 16 BLK K Southgate, City of Palo Alto., Santa Clara. Minerva L Tichenor to Armstrong & Walker.....Nov. 15, 1923
Nov. 16, 1923—LOTS 41 & 42 BLK 15 Daggett's Amended Plot Bird's Subd of Lots 3 and 4 Blk 15, Town of Palo Alto Vol G Maps Page 53, Santa Clara. B H Briggs to whom it may concern.....Nov. 15, 1923
Nov. 16, 1923—80 N TWENTY-FIRST St. intersected by S line of Thomson Tract Part Lot 35 and 36 of Thomson Tract, C of Maps Page 63, Santa Clara County. George T Isbell to whom it may concern.... ..... Nov. 15, 1923
Nov. 16, 1923—93 92 ft. E FROM NE Corner of Ninth and William running 44 ft. E along N side of Williams St., San Jose. Oren P Haladay to whom it may concern..... .....Nov. 15, 1923

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT 8 BLK 115, South San Francisco. All work for frame residence.
Owner—A. Fogliani, South San Francisco.
Architect—None.
Contractor—Carlo Germano, South San Francisco.
Filed Nov. 6, '23. Dated Nov. 5, '23.
Roof on $670
Completed 670
Usual 35 days..... 670
TOTAL COST, $2010
Bond, none. Limit, 40 working days. Forfeit, none. Plans only filed.

SHOP BLDG.
LOT 27 Taylor Addition, San Mateo. All work for three-story reinforced concrete shop building.
Owner—B. S. Gibson, % Penn Furniture Co., San Mateo.
Architect—Alfred Kuhn and Thos. M. Edwards, 833 Market St., S. F.
Contractor—Leonard Dioguarde, San Mateo.
Filed Nov. 9, '23. Dated Nov. 1, '23.
Poured to mud sills.....$3000
Completed 5800
Usual 35 days..... 3000
TOTAL COST, $11,800
Bond, $5900. Surety, Hartford Accident & Indemnity Co. Limit, 90 working days. Forfeit, $5. Plans and specifications filed.

ALTERATIONS
B ST., bet. First and Second Sts., San Mateo. All work for alterations to two-story brick building.
Owner—San Mateo Lodge, I. O. O. F., No. 265, San Mateo.
Architect—J. R. Miller & T. L. Pfluger, Lick Bldg., San Francisco.
Contractor—Mattock & Feasey, 251 Kearny St., San Francisco.
Filed Nov. 15, '23. Dated Nov. 8, '23.
1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $6331
Bond, $3165.50. Sureties, Louis Figeac and Clemence B. Feasey. Limit, 60 days. Forfeit, none. Plans and specifications filed.

HEATING SYSTEM
LOTS 1 TO 14 BLK 13, Milbrae Villa Tract, San Mateo. All work for heating system in school building.
Owner — Millbrae Grammar School District.
Architect—E. L. Norberg, Bolboa Bldg., San Francisco.
Contractor—William Radiator Co., Monadnock Bldg., San Francisco.
Filed Nov. 15, '23. Dated Oct. 1, '23.
Pipes roughed in.....$ 295
Completed 1017
Usual 35 days..... 438
TOTAL COST, $1750
Bonds, (3) $875 each. Surety, Mass Bonding & Insurance Co. Limit, none. Forfeit, $5. Plans and specifications filed.

DWELLING, $7850; Lot 68 S M Park Clark Drive, San Mateo; owner, L. E. Goodier, Bigme.; contractor, Daley Bros., Burlingame.
ALTERATIONS, $6500; Lot 6 Blk 6 S M.; owner, Frederick Smith; contractor, Mitchell and Jackson Co., 2nd Ave., San Mateo.
DWELLING, $9000; S ½ Lot 225 Occidental and Edgewood, San Mateo owner, White Elec. Homes Co., 161 S M Drive, Burlingame.
BUNGALOW and garage, $4000; Lot 5 Block 18 Highway, Burlingame; owner, H. J. Hughes.
BUNGALOW and garage, $15,000; Lot 1 Blk 12 Occidental and Chaplin, Burlingame; owner, B. J. Hoffocker; contractor, H. Dressenberg Burlingame.
BUNGALOW and garage, $7000; Lot 29 Blk 10 Farrington Lane; owner, P. C. Valentinde.
BUNGALOW and garage, $4000; Lot 8 Blk 14 Paloma Ave., Burlingame; owner, Chas. L. Beil.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Nov. 10, 1923—PTN LOTS 17 AND 18 No. 2 Sub of Lots 140 to 150, Inc., San Mateo. Homestead Realty Co to whom it may concern. Nov. 3, 1923
Nov. 13, 1923—PTN 10 Portola Woods San Matto. Kate Oliver Fay to Louis N Pollard.....Nov. 6, 1923
Nov. 14, 1923—LOT 3 BLK 14, Burlingame Park No. 2, Burlingame. Robert H Smith to whom it may concern.....Nov. 15, 1923
Nov. 14, 1923—LOT 2 BLK 5, Burlingame Land Co., Burlingame. Emma Kaltenback and Lorentine M Williams to Hammer & Hultburg..... .....Nov. 12, 1923
Nov. 15, 1923—NW BROADWAY AND Van Coon Ave., San Mateo. Thos Gesso to whom it may concern.... .....Nov 14, 1923
Nov. 15, 1923—LOT 20 BLK "J" Hayward Park, San Mateo. L Edgecombe to Wm G Zupar. Sept. 17, 1923
Nov. 15, 1923—LOT 18 BLK 15, Burlingame Grove, Burlingame. J G Sellick and G Meister to whom it may concern.....Oct. 20, 1923
Nov. 16, 1923—LOT 5 BLK 34, Western Addition, San Mateo. G Meister to whom it may concern. . Oct. 1, 1923
Nov. 16, 1923—LOTS 1 TO 14 inc. Blk 14, Milbrae Villa Tract, San Mateo. Milbrae School Dist to J B Balcomb and R H Post.....Nov. 10, 1923
Nov. 17, 1923—LOT 7 BLK 125 South San Francisco. V Boido and B Donele to V Philipps & G Christina .....Nov. 15, 1923
Nov. 19, 1923—PTN LOT 9 BLK 3-B, Western Addition, San Mateo. C Kapp to James Keegan. Nov. 19, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Nov. 10, 1923—LOTS 21, 22, 23, 24 and 49, San Mateo. H Easone vs J T Carls $328

RELEASE OF LIENS

SAN MATEO COUUTY

Recorded Amount
Nov. 17, 1923—LOT 10 BLK 7, Lomita Park. Wizard Products Co to Geo H Bragg $76

CESSATION OF LABOR

SAN MATEO COUNTY

Nov. 17, 1923—LOT 21-A BLK 26, Lyon & Hoag Sub. Burlingame. James W and Amelia Blythe with M Lauerson. Work ceased. Oct. 13, '23

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $5000; NE Cor. Barrett and Key Blvd., Richmond; owner, K. J. Henning, Box 1061, Richmond.
DWELLING, one-story frame, $4800; W Seventh St., bet. Bissell and Chanslor Sts., Richmond; owner, H. J. Olson, 147 7th St., Richmond; contractor, L. B. Roberson, 338 20th St., Richmond.
DWELLING, one-story frame, $3250; E 40th St., bet. Roosevelt and Clinton Sts., Richmond; owner, E. J. Downey, 420 5th St., Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO Member Insurance Brokers Exchange

GLASS

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Plate Glass
Window Glass
Ornamental Glass
Mirrors
Beveling
Polishing
Silvering

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND, SACRAMENTO, STOCKTON, FRESNO, LOS ANGELES, HOLLYWOOD, PASADENA, LONG BEACH, SAN DIEGO, SANTA MONICA, SAN BERNARDINO, SANTA ANA, PORTLAND, BOISE, WALLA WALLA, SALT LAKE CITY, SEATTLE, TACOMA, SPOKANE, YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., DECEMBER 1, 1923

Published Every Saturday
Twenty-third Year No. 48

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., DECEMBER 1, 1923 | Twenty-third Year No. 48

No. 818 Mission Street.
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

EMPLOYMENT CONDITIONS FOR ENGINEERS REPORTED

Employment conditions affecting engineers reflect considerable irregularity with special divergencies between the trends in different industries and engineering endeavors is reported by the employment department of the American Association of Engineers. Numerous inquiries are being received from men from all sections of the country, desiring to make new affiliatios, or who report the completion of their work, indicating that a slight recession in employment is apparent. In September there was practically no unemployment among engineers, but during October some unemployment was noticed in different quarters. Engineering employment from now on will continue to slacken from the normal trend of conditions, and no apparent advance will be noticed until about after Feb. 15.

Positions for engineers on the Pacific Coast are fair. In the northwest conditions are tightening up with little work for engineers in the states of Washington, Montana and Idaho. The central states are fair for employment. The eastern section is not very desirable for employment; more men looking for positions open. The south is starting considerable activity with a good demand for engineers of the junior grade. The greatest unemployment of engineers at the present time is in the northwest and in the eastern section of the country.

CONCRETE INVENTOR A PAUPER

Millions of dollars are spent each year for reinforced concrete. Yet the inventor of this building material is a pauper. He is Joseph Tall, who, as a precocious London school boy, took out the first patent for reinforced concrete at the age of 14 years. Tall later perfected the concrete and soon became wealthy. Instead of forming a huge corporation, however, he sold his patents. During the World War financial crises he went broke and now, as an aged man, is walking the streets of London.

LUMBER TRADE TO AUSTRALIA IS ACTIVE

Large quantities of lumber is finding its way from the Pacific coast to Australia, according to the department of Commerce. California redwood is in demand in the Antipodes and a considerable fleet of sailing ships are engaged in the carrying.

The condition of the Australian building trade is exceptionally bright even in the face of labor shortage. An extraordinary boom appears to be occurring in the construction and reorganization of office and shop buildings, particularly in Melbourne, Trade Commissioner Sanger cable the department of commerce.

Australian imports in the month of September were valued at £9,210,000, with slight increases in imports of agricultural implements, oil and tobacco Imports of other important commodities show a seasonal decrease. Total exports were valued at £6,110,000.

Total imports from the United States in the month of August were valued at £2,730,000. Exports to the United States for the same period amounted to £221,000 in value, showing moderate gains both in import and export trade over 1922 values.

Motor vehicle importations from the United States in September totaled £921,000 in value. There has been a slight fall in prices, due to keen, allround competition. The future prospects for this trade are good. The Melbourne Royal Agricultural show, held from September 20 to 29, has doubtless had a stimulating effect upon trade, and automotive importers look for increased sales from this annual event.

RECLAMATION HEAD NAMED

R. E. Shepherd, Jerome, Idaho, general manager of the Twin Falls North Side Project for the bondholders, is the new head of the Western States Reclamation Association, elected at the annual convention of that body held in Salt Lake City. Whitney L. Boice, attorney of Portland, Ore., is the vice-president. Shepherd will name the secretary and treasurer of the association with the approval of the executive committee, members of which will be elected by the delegation of the thirteen western states of the association.

$32,000,000 IRRIGATION PROJECT FORMALLY APPROVED

State Engineer W. F. McClure has approved the petition for the San Joa- comprising some 552 thousand acres of land in Madera and adjacent counties, and ending many years of litigation and struggle on the part of residents of Madera county to obtain gravity water.

The present petition is the result of a compromise arrived at between the Madera Irrigation District and the Miller & Lux interests in September of last year. During the past year many hearings have been held and a vast amount of work done by the district and state engineers to determine just what land should be included and what was not susceptible of irrigation. Mr. McClure's position was that only land capable of intensive cultivation should be placed in the district.

The district will cost approximately 32 million dollars, and will comprise irrigation, reclamation and drainage projects. Four reservoirs will be built, two on the Fresno river, one each on the Chowchilla and San Joaquin rivers, the last named being the largest. The three streams have an annual flow of 2,100,000 acre feet and the quantity has been determined to be sufficient for irrgation of the land now included in the petition.

Some of the most extensive land settlement work ever undertaken in California is planned for the undeveloped acreage in the new district. It is in proven territory for raisins, figs, peaches, olives and other fruits, besides being a splendid locality for poultry and dairying. The Madera County Chamber of Commerce will work with the Irrigation district and other interests in bringing to the county the most desirable class of settlers, who will settle upon and improve tracts from 19 acres up. Already several of these projects are well under way.

Now that the petition has been approved, the engineering department is is a position to begin work immediately on construction detail so that bonds may be voted as early as possible. As a 28 million dollar bond issue was voted several years ago almost unanimously by a much smaller district included in the present one, no doubt is held as to the new district's bonds carrying. The former bond issue was not used owing to legal complications.

HETCH HETCHY TUNNEL, 15 MILES LONG COMPLETED

The boring of the Hetch Hetchy tunnel, a major unit in the city of San Francisco's water supply project in the Hetch Hetchy valley, and one of the longest tunnels in the world, was completed Nov. 27 by City Engineer M. M. O'Shaughnessy. The tunnel extends for 18 miles through the mountains in the vicinity of Groveland, Tuolumne county. It cost approximately eight million dollars and was started in July, 1917.

So exact were the calculations that the two borings of the tunnel met within a few inches of each other. The tunnel is virtually in two units, but is considered a single part of the project.

The concreting of the tunnel progressed with the boring operations. The passage will be ready for use next spring.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

"The lumber industry has taken a forward step in its plan for standardization of the industry." Secretary of Commerce Hoover made this statement recently commenting upon a plan submitted to him by the central committee on lumber standards Hoover said he expected ratification of the standardization plan on December 12 at a conference to be held in Washington and to be attended by all representatives of both lumber industry and the Government. A meeting of directors of the National Lumber Manufacturers' Association has been called for December 11 in Washington.

The need of timber saving was emphasized by M. B. Pratt, State forester, in a talk before the Soroptimist Club of Sacramento. In a summary of his views on the situation, Pratt declared that $1,000,000 properly applied to forest conservation at the present time would accomplish as much as $1,000,000,000 spent for the same purpose thirty years from now. Pratt estimated that 70 per cent of the virgin forests are now gone, while the remainder is going about four times as fast as reforestation is taking place.

The trial of the suit of J. F. Knapp, Calistoga contractor, against a number of Calistoga residents, the outcome of the Calistoga street paving litigation, has started Knapp was awarded a contract on June 26th by the city trustees for paving twenty Calistoga streets at a cost of $136,000. The contract was protested by several Calistogans on the ground of a defect of the procedure. A feature of the case is that Piner, one of the protestants, is a member of the city board of trustees.

Efforts to arrange for settlement of the strike of electrical workers of the Northwestern Electric Co. of Portland, Ore, have been transferred to San Francisco, where conferences are to be held with Herbert Fleishhacker, president of the company. Delegations representing the Oregon State Board of Conciliation and the strikers are to confer with Fleishhacker.

California State Highway Commission appropriates $15,000 to finance preparation of plans for Bay Shore Highway down the San Francisco Peninsula. The unit will extend from the north boundary of San Mateo county to Redwood City, a distance of 20 miles.

Percy E. Towne, general counsel of the California State Automobile Association urges the construction of a light vehicular elevated down the center of Market street, San Francisco, with parking areas on side streets and runways to reach the surface, aa a means of relieving traffic congestion.

John H. Cummings has filed in the Superior Court at Sacramento against the Association of Master Plumbers of Sacramento, a voluntary association, and its directors and members to recover $6,719.20 which he alleges the association had become indebted to him during the past two years.

Matson Navigation Company of San Francisco will construct a $6,000,000 ocean liner for passenger travel between San Francisco and the Hawaiian Islands.

The volume of building permits issued in the United States for the first 10 months of 1923 not only exceed the first 10 months of 1922 by 28 per cent, but surpass the entire 12 months of 1922 by about 5 per cent; giving a very concrete example of the enormous momentum which has been attained in the nation's present building activities. These interesting figures were announced by S. W. Straus & Co. based on reports made to them direct from the building departments throughout the country. A selected list of the 25 cities showing the largest volume of permits for the 10 months of 1923, compared with the 10 months of 1922 and the entire year of 1922, show a total for the 10 months of this year of $1,899,391,912, compared with $1,488,892,855 for the 10 months of 1922, and $1,812,976,968 for the entire year of 1922.

Assets of the 115 building and loan assocations in California totaled $85,270,458 at the close of the fiscal year, June 30th, last, an increase over the previous twelve months of $20,551,033, according to the annual report of the State Building and Loan Association just off the press. The report reveals that during the year 7,291 loans were made for new construction, mostly for homes. Twenty-two new associations were licensed in the period, while one small association liquidated voluntarily. Of the 115 associations reporting for the year, fifty-six have a paid-in guarantee capital and fifty-nine operate on the mutual plan.

The San Jose Hospital, a San Jose corporation, has filed suit for $22,124.89 against E. E. Etherton and the Hart-Wood Company, alleging that amount to be due the hospital as a result of a purported difference in the cost of building the hospital, a new institution at San Jose. According to the complaint, the defendants contracted to erect buildings for $152,280, but actually expended $174,404.89. The hospital sets forth that it was obliged to assume the additional indebtedness in order to have the building completed. It now seeks to compel the defendants to return the difference, $22,124.89, to the institution.

Sacramento city council is considering the appointment of an architect to prepare plans for the proposed municipal auditorium for which bonds were recently voted. An ordinance has been presented seeking the creation of a Division of Architecture, to be conducted in conjunction with the City Engineering Department. While the ordinance provides that the city architect's work shall include supervision of work on all public buildings, its author declares its one purpose is to speed up the work of preparing plans for the auditorium.

More than $2,000,000 is offered by the Southern Sierra Power Company for the purchase of the Holton Power Company, according to transaction requests filed with the State Railroad Commission. The Holton Power Company is now engaged in furnishing electric light, heat and power in Imperial county.

E. E. McLaran, Portland, Ore., architect, died in that city November 20, following an attack of heart trouble.

ALONG THE LINE

C. C. Cottrell, former Nevada state highway engineer, has resigned his position as manager of the Good Roads Department of the California Automobile Association to take a position with a highway construction firm in the southern section of the state at a salary of $20,000 a year. Mr. Cottrell assumes his new duties Jan. 1 and in the meantime will make a trip to New Orleans.

Pelton Water Wheel Co. of San Francisco awarded contract by Pacific Gas & Electric Co, covering approximately 100,000 horsepower in hydro-electric equipment for the Pit River Power Plant No. 3 in Northern California. The contract is one of the largest of its kind let on this Coast and includes three 33,000 h. p. turbines with valves, governors and all auxiliary equipment.

War Department has authorized the Sacramento county supervisors to construct a bascule type bridge over the mouth of Steamboat slough, connecting Grand and Sutter Islands which permits the elimination of the swing bridge below Courtland on the river road. The swing bridge must be removed by 1925, the War Department rules.

An application for a writ of mandate designed to test the building zone ordinance of the city of Los Angeles has been filed in the Supreme Court at San Francisco by A. C. Blumenthal, who desires to erect a ten-story apartment building on Hollywood avenue. He terms the ordinance "unreasonable and arbitrary."

Oregon State Highway Commission votes to build what will be the higheat highway bridge in Oregon. It will span the Crooked River canyon in Jefferson county on the line of the Dalles-California highway and will be 325 feet above the surface of the water. The cost will be approximately $120,000.

Thos. O'Day, capitalist and promoter, identified prominently with contracting, real estate and promotion deals in and around San Francisco, died Nov. 25, at the age of 42 years.

Harry Hamlin Hollidge, surveyor for the San Francisco Department of Public Works, died in this city, Nov. 27, following an extended illness. He was 65 years old. A widow survives.

City trustees of Corning, Calif., plan municipal ownership of lighting system. E. A. Rolison, city manager of Redding, Calif., is assisting in gathering data on proposal.

Todd Drydock & Construction Co. of Tacoma, Wash., awarded contract by Southern Pacific Co., to construct $2,000,000 passenger steamer to run between New Orleans and New York.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

ASSOCIATED CONCRETE INDUSTRIES HOLD GLENDALE MEET

More than 200 hundred members and guests of the Associated Concrete Industries met at Glendale, Calif., Nov. 20, where they enjoyed a banquet and a long evening of entertainment and instructive discussion of various topics of interest to those engaged in this branch of the construction industry. The guests included architects, city officials and engineers, materialmen and members of the Glendale Chamber of Commerce.

The organization was welcomed by an address by Jesse Smith, president of the Glendale Chamber of Commerce, Burton Bunch, secretary of the Concrete Association, responding. Frank M. Brooks, vice-president of the Art Concrete Works of Pasadena, read an instructive address on "Architectural Concrete Stone." Jas. C. Hanley, sales manager for Jencks Brick Co., spoke on "Concrete Face Brick," and Architect Wm. Lee Woollett interestingly handled the subject "Making Concrete Beautiful." Other speakers were A. O. Malone, president of California Stucco Products Corp., on "Stucco, Portland or Magnesite?' H. A. Van Norman of the Los Angeles city engineer's office, who described the Los Angeles outfall sewer now under construction, and Lloyd Aldrich, who explained the famous Pittsburg test of various types of concrete pavements, illustrating the various stages of the test with moving pictures.

The evening closed with all singing "My Country 'Tis of Thee" and the association's official song, "Nothing But Concrete."

MASTER PLASTERERS' ASSOCIATION OF OAKLAND BANQUET

The annual banquet of the Master Plasterers' Association of Oakland was held in the Hotel Oakland, Nov. 22, with T. D. Sexton, president of the association presiding. E. P. Tenny, president of the Oakland Building Materials Dealers' Association and a number of building material dealers in the East Bay section were guests of honor. Wm. F. Bruer, secretary-manager of the Master Plasterers' Association, introduced the speakers and arranged the entertainment features. The principal speaker of the evening was Dr. Carol Aronovici, city planning expert, who spoke on "Plaster, the Keynote for the City Beautiful."

ELECTRICAL CLUB UNITY IS DESIRED

In order to establish a greater coordination between local electrical clubs, the Society for Electrical Development, a national organization, is planning a branch office in San Francisco, William Goodwin, operating vice president of the society, informs the Electrical Development League.

Goodwin is a San Franciscan and recounted his experiences with electrical organization work in the East during the past seven years. The East, generally, is slower to welcome electrical innovations, but is desirous to know what the West is doing in this respect, he says.

P. E. Sawyer of Los Angeles Heads State Material Dealers' Ass'n

Perry E. Sawyer of the Los Angeles Lime Company was elected president of the Building Material Dealers' Association of California at the closing session of the three-day convention held in Oakland, November 26. Frank W. Bilger of the Oakland Building Material Company was elected first vice-president; Steve I Guerin of San Francisco, second vice-president and Wm. Darby of the J. S. Schirm Commercial Company of San Diego, third vice-president. L. T. Mullen, secretary of the Building Material Dealers' Association of Los Angeles was elected temporary secretary of the state organization.

Briefly the convention was a huge success, as in the opinion of the delegates, it will bring about better cooperation between the dealers throughout the state. Further, the convention tendered to permit the formation of ways and means for the better distribution of products handled by dealers.

Convention Opens

Saturday morning, November 24, delegates from various sections of the state were met by the reception committee at the Hotel Oakland and after luncheon were escorted to the football game between California and Stanford in the recently completed two million dollar stadium at the University of California. After the game the delegates were entertained by the material dealers of Oakland.

Sunday morning was spent in a sight seeing trip of Oakland and adjoining sections. In the afternoon the delegates ferried to San Francisco to be entertained by the San Francisco dealers. Automobiles were furnished and the delegates taken on a trip down the Peninsula taking in the Tanforan races. Other points of interest were visited with the afternoon closing with refreshments served at the Cliff House under the persanol direction of "Shorty" Roberts.

Sunday Banquet

Sunday evening a banquet was held in Marquard's Cafe with about 250 dealers in attendance. The evening was spent in pleasure, Steve I. Guerin of the San Francisco dealers, announcing that those "talking shop" would be ejected from the banquet hall. At the banquet the Los Angeles delegates proved the life of the party with the singing of songs and the telling of stories.

Speakers at the banquet included C. E. Godou of Berkeley; S. B. McGuire and H. C. Mack of Santa Rosa; Wm. Feary and A. A. Courtney Jr., and Steve I. Guerin of San Francisco and E. B. Wyman of Los Angeles. C. L. Johnson of the Atlas Portland Cement Company gave a brief talk on association activities in the East.

Those in Attendance

Among those in attendance at the convention were:

Steve I. Guerin of the J. S. Guerin Co. of San Francisco; L. T. Mullen, secretary of the Building Material Dealers' of Los Angeles; E. C. Adams, secretary of the B. L. & C. Dealers' Association of Alameda County; John A. Harris of Harris & Hull, Inc., Los Angeles; Albert J. Rigali of Rigali & Viselich, subdividers, Los Angeles; John G. Clarke (better known as Joe Soap) of Harris & Hull, Inc., Los Angeles; Wm. B. Gray of Standard Gypsum Co., San Francisco; E. P. Tenny of Tenny Co., Inc., Oakland; Perry E. Sawyer of Los Angeles Lime Company; Wm. J. Feary, president of San Francisco Material Dealers' Ass'n.; E. D. White of Pacific Portland Cement Co., San Francisco; H. L. Manning of Oakland Lime & Cement Co., Oakland; C. L. Johnson of Atlas Portland Cement Co., New York City; H. C. Mack, material dealer, Santa Rosa; Robt. R. Smith of Contra Costa Building Materials Co., Berkeley; Wm. Darby of J. S. Schirm Commercial Co., San Diego; Frank Miller, Oakland Lime & Cement Co., Oakland; Wm. D. Neil of Geo. L. Eastman Co., Los Angeles; A. A. Courtney Jr. of Pacific Portland Cement Co., San Francisco; Karl T. Whitney of Youngstown Pressed Steel Co., Warren, Ohio; Chas. M. Cadman of Atlas Mortar Co., San Francisco; W. A. Roth of Los Angeles Lime Company; Jack Twyford, San Francisco; F. O. Toribio, Los Angeles; Ray Hassett, Pacific Plaster Co., Los Angeles; Theo. L. Walters, manager of Pacific Portland Cement Co., Los Angeles; Herbert Reid of Reid-Platt-Spear, Inc., Los Angeles; Thos. Gordon of Gordon & Harris, Los Angeles; Frank G. Coxhead of Standard Supply Co., Oakland, Alameda and Berkeley; Alec G. Rhodes (Full Sack Jack) of Oakland; P. K. Dotson of P. K Dotson & Sons, Los Angeles; Lem B. Platt of Reid-Platt-Spear, Inc., Los Angeles; Geo. S. Parker of Fenton-Parker Material Co., San Diego; Geo. L. Eastman of Geo. L. Eastman Co., Los Angeles; Geo. L. Morris (all by himself) of Los Angeles; Frank W. Bilger of Oakland Building Material Co.; G. G. Jamieson of Rhodes-Jamieson Co., Oakland; S. B. McGuire, Santa Rosa; Geo. L. Brown of Sandusky Cement Co., Cleveland, Ohio; J. S. Guerin of San Francisco; Townsend Woodhull of Willard & Woodhull, president of Los Angeles Building Material Dealers' Ass'n.; Robt. H. Winn, San Diego; Elliott B. Wyman, Los Angeles; C. E. Goeou of E. P. Tenny Co., Berkeley; Geo. W. Young and I. Lwenspire of Santa Ana; John C. Swinford, San Pedro.

EASTBAY ENGINEERS' CLUB BEING ORGANIZED

Organization of an "Eastbay Engineers' Club," which will be affiliated with the San Francisco Chapter of the American Association of Engineers, is under way. At a meeting held in the Hotel Oakland, at which George Mattis, former city engineer of Oakland, acted as temporary chairman, V. D. Cousins and Charles de Wolf were appointed to draw up a program of organization. The speakers included Mattis, who is president of the San Francisco chapter of the association; Harrison S Robinson, president of the Oakland Chamber of Commerce; and Charles F. Lee, of San Francisco.

(Continued on Page 9)

Paved Roads—National Security

The havoc caused by the recent earthquake and subsequent fires is a reminder to us in America that our road system is a factor of national security. It is not meant that good roads prevent earthquakes; but, certainly, if a similar catastrophe should fall upon a section of this country, the work of relief would be easier than it has been in Japan. It would be easier because of the vast number of automobiles and the mileage of improved roads.

In Japan after the great quake, there was nothing for the survivors to do but flee. But how? the railroads were demolished. The uninjured took to their legs. What would it be if one of the most densely populated sections of our country in some way comparable to that area of Japan so recently razed—suffered a like disaster? Consider for a moment a statement which has been made: "With the automobiles and paved roads, it would be possible to transport, at one time, every individual in California to a point outside the state within twenty-four hours." Now, California is by no means densely populated; still the number of persons per motor vehicle does not exceed ten, even in the most thickly inhabited states. What has been said of California has been said of a few other states, with the addition—"if it doesn't rain," or, "in the summer time."

It might be assumed that a disaster would demolish some of the highways, but it would not be fair to say all. It might be assumed that all the motor vehicles in a city would be destroyed, but in this case the relief could come from the outside. However, without roads that would carry traffic at any season, under any conditions, the automobiles could not fill their part in the emergency.

To what extent the Federal Government has aided in building up our highways, since the inception of "Federal Aid" a few years ago, is shown in the following table and will probably be illuminating to those of us who do not keep in as close touch with the situation as does the U. S. Bureau of Public Roads, the authority for these figures:

Mileage of Concrete and Bituminous Concrete Roads in Various States, Constructed Under Federal Aid Act To July 1, 1923

	Number of States	
	Port. Cement Concrete	Bituminous Concrete
More than 50 miles..	31	5
More than 100 miles	21	3
More than 200 miles	13	1
More than 300 miles	7	0
More than 400 miles	0	0

Mileage by Types of Federal Aid Projects Built & Under Construction to July 1, 1923 (Considering 1st class pavement types only)

Type	Mileage	Per cent of total
Port. cement concrete..	7285.6	81.8%
Bituminous concrete...	1029.7	11.6%
Brick	591.9	6.6%
Total	8907.2	100%

Mileage by Types of Federal Aid Projects Built & Under Construction to July 1, 1923.

Type	Mileage	Per cent of total
Graded & drained.....	8686.7	21%
Sand clay	4224.3	10.2%
Gravel	15593.2	37.8%
Waterbound macadam.	1375	3.3%
Bituminous macadam..	2450.8	5.9%
Bituminous concrete..	1029.7	2.5%
Concrete	7285.6	17.7%
Brick	591.9	1.4%
Bridges	71.1	0.2%
Total	41308.3	100%

$100,000,000 HYDRO-ELECTRIC DEVELOPMENT PROPOSED

The Chief of the U. S. Army Engineering Corps at Washington has referred to W. J. Borden, district engineer in Seattle, Wash., an application filed by the Washington Irrigation & Development Company for a $100,000,000 hydro-electric plant at Priest Rapids on the Columbia river. The project is proposed to develop power greater than that of Niagara Falls, through the world's greatest dam, two miles long and 90 feet high.

The Washington Irrigation & Development Company is ready to start work immediately on the first unit of the dam project. The dam is estimated to cost $28,000,000.

The first unit, when completed, would develop 350,000 horsepower at a total cost of $40,000,000 for dam, buildings and machinery, and the completed project would develop 750,000 horsepower, or 150,000 more than does Niagara.

In connection with the proposition, it is planned to construct an industrial city of 50,000 workers and their families, to cost approximately $12,000,000.

ARCHITECT DIES

Albert Sutton, well known San Francisco architect and business man, died in Tacoma last week, according to word from that city.

Sutton was a member of the Pacific Union Club, Olympic Club and the Presidio Golf Club. Sutton, who was at one time director of the Merchants' National Bank of San Francisco, was a member of the firm of Sutton & Weeks and was designer of many down town business buildings in San Francisco. While in the Northwest Sutton designed the Shriners' Hospital for Crippled Children.

GEO. F. MADDOCK TO HEAD FLORIDA PROJECT

As the result of his work in engineering the Sutter Basin project several years ago George F. Maddock, Sacramento engineer, has been appointed general manager of the Fellsmere project in Florida. Maddock has just returned from New York to close up his personal affairs and will leave for Florida soon after the first of the month.

Maddock, as general manager of the Sutter Basin project, had in charge the expenditure of $18,000,000. In his new connection he will preform a somewhat similar work in developing a tract of approximately 100,000 acres of truck and citrus land on the East coast of Florida, north of Palm Beach, with the expenditure of an even greater amount of money than he handled in the local project.

In his new work, Maddock will be connected with Joseph P. Day, Inc., of New York City.

PORTLAND CEMENT ASSOCIATION VOTES TO ADVERTISE

The daily newspaper is the best medium for putting forth an educational campaign, it was declared at the annual business session of the Portland Cement Association held in New York City. Cement makers from the United States, Canada, Mexico, South America and Cuba were represented.

A campaign to extend and improve the uses of concrete conducted during the year in 5000 daily newspapers will be continued, it was decided. Cement structures, several delegates declared, had withstood the shock of the earthquake in Japan.

BOARD IS NAMED TO PROBE OAKLAND SCHOOL CHARGES

With a committee of technical experts appointed to begin an investigation for irregularities in the construction of Oakland school buildings erected under the $5,000,000 bond issue of 1919, a new probe into school building has been launched.

In accordance with instructions of the Board of Education, W. E. Whalin, superintendent of buildings, has announced the committee as follows:

F. W. Hart, school building expert of the college of education at the University of California; Samuel H. Short, chief of the Oakland fire department, and W. G. Thornalley, builder and purchasing expert.

Another committee member will be appointed by the San Francisco Chapter of the American Institute of Architects from its membership.

Recently the Alameda county grand jury pointed out a number of defects and irregularities and Whalin reports that he already is taking steps to remedy these.

An investigation of all glass in the schools where 16-ounce material was substituted instead of 21-ounce quality has been started, Whalin says. Wilfred N. Ball, former chief of construction, who disclosed the irregularities in the school buildings which were the subject of the grand jury investigation, will be given a place on the committee, Whalin announced.

LABOR SURPLUS REPORTED IN BERKELEY

Charges that hundreds of workmen have been attracted to Oakland and Berkeley through false reports of a shortage in building tradesmen are made in behalf of the Alameda Building Trades council by Charles Gurney, secretary.

Gurney charged that reports published in other cities state that rebuilding in the Berkeley fire area has caused a labor shortage.

Rebuilding has not progressed to the point, he said, that local craftsmen cannot supply all demands.

Hundreds of workmen attracted there through the false reports are stranded, without work or hope for work until next spring, Gurney said.

Gurney, as evidence of the type of reports broadcast in Pacific slope cities, offered the following clipping from a Seattle newspaper:

"The $8,000,000 fire at Berkeley has been followed by general rebuilding and building tradesmen of Oakland and East Bay towns have work in sight for all members until next summer. General reconstruction, including the widening of streets, is going on in Berkeley, giving employment to a small army of workmen."

ARCHITECTURAL COMPETITION FOR L. A. CITY HALL

A competition open to all architects of California will be held to select plans for the $5,000,000 city hall which Los Angeles is to build under a recent bond issue in the civic center north of First St. This design was reached by the board of public works in conference with a committee of the city council.

A committee consisting of two architects from the Allied Architects' Association and two architects not members of the association, will be selected by the board of public works to prepare a program for the competition. These four architects will select a fifth member of the committee.

Under a recent ruling of the city attorney the board of public works will have charge of the erection of the city hall.

WENDOVER CUT-OFF CONSTRUCTION IS PROCEEDING

Work is proceeding satisfactorily on the construction of the grade and structures over the eight miles known as the 'Salt Section" of the Wendover cut-off on the Victory Highway west of Salt Lake City, the Utah Road Commission has informed the California State Automobile Association.

Clay underlying a sheet of salt threo feet thick is being used in the construction of the embankment, the commission said. After this clay has been worked down into a solid roadbed and culverts installed the section will be gravel surfaced.

The original bids calling for the construction of the remainder of the 40 mile project now being undertaken were turned down by the Utah Road Commission, the Automobile Association has been advised. New bids which were opened on November 1st are still under consideration.

According to information furnished the Association, the bids have exceeded the Utah Road Commission engineer's estimates of the cost of doing the work and if the present bids are not accepted the work will be done by day labor.

C. C. Cottrell, manager of the Association's Good Roads Bureau, states that he has been informed by both the United States Bureau of Public Roads, which is interested in the work as a Federal Aid project, and the Utah Road Commission, that it is their belief the work can be done by day labor at less cost than under present bids and that such a plan will be undertaken if satisfactory bids are not received.

Cottrell was informed by the Bureau of Public Roads that it has a large amount of road building machinery which can be utilized in case the day labor plan is adopted and that it will be the Bureau's policy to co-operate with the State of Utah in securing the completion of this strip of road at the earliest possible time.

The work to be done on this 40 mile project covers the most important improvement on the Victory Highway in Western Utah, according to Cotrell.

REVISED PLUMBING LAW FOR SACRAMENTO COMPLETED

The new city plumbing ordinance for Sacramento, which has been in the course of preparation for several weeks, has been introduced in the city council The ordinance was written to replace the obsolete plumbing ordinance which has been in effect in Sacramento for many years.

City Manager H. C. Bottorff, who introduced the measure, stated that its purpose is to give both the plumber and the public adequate plumbing legislation, looking toward the proper installation of plumbing.

"The old ordinance is obsolete and not workable," said Bottorff, "several sections of it having been in effect for many years. The new ordinance is simply to bring about modern plumbing legislation."

The proposed ordinance provides for more modern methods of installation and the use of better materials and equipment.

Changes which experience have shown to be necessary have been worked into the new ordinance to conform with modern plumbing installation.

Plans for all plumbing work must be approved and the complete job subjected to inspection. Property owners may perform work in their own dwellings, provided such plumbing work meets the requirements of the law. A permit for private work, however, must be secured, as well as that performed on contract.

Wooden Shingles Not Cause of Berkeley Conflagration is Report

(By California Redwood Ass'n.)

Official acts of Berkeley, Oakland and other municipalities in the east-bay region of San Francisco, ordering the construction of fire-breaks, patrols in the hills and enlarged water mains, are cited by the California lumbermen as answering the claims of the manufacturers of patent roofings that wood shingles were responsible for the recent Berkeley conflagration. Berkeley is now heeding the warning sounded fifteen years ago, and there is no one in the city who will question the statement that, had these precautions against fire been taken earlier, there never would have been a burned area of fifty blocks north of the University of California campus.

The Berkeley conflagration was started by a grass fire fanned by a north wind. Unchecked, the blaze swept over the Piedmont hills, burning the dry grass, weeds and oil-laden eucalyptus. When it reached the residence section, it was a wall of flame driven on by a gale. That which had been predicted for years took place and there was no home, no matter of what construction, that remained standing in the path of the fire. The flames were racing along the ground and leaping through the air when they reached the first house that was burned.

Berkeley is already building fire-breaks. It will erect watchtowers, establish patrols and has ordered the water company to lay larger mains. It is insignificant that, regardless of the anti-shingle roofing ordinance recently passed by the City Council, these protections against fire are to be provided for in the near future, and that the reports of experts regarding the cause of the fire lay the blame on their absence.

That there is a thinly veiled attack on the lumber industry of California by the manufacturers of patent roofing, is seen in the fact that in all anti-shingle ordinances urged upon municipalities, there is a clause permitting "fire resistant" roofing. While this term sounds well, it includes the lowest grades of patent roofing, made of paper and rags, impregnated with asphalt and not even coated with gravel or crushed brick. Tests, conducted by impartial experts, have proved conclusively that many of these patent roofings are more inflammable than wooden shingles.

When a municipality adopts an ordinance specifying "fire resistant" roofs, allowing the use of inflammable patent roofings, but forbidding the use of wooden shingles, the lumbermen maintain that it discriminates unfairly and without regard to facts that can be proven by demonstration. Without lessening the fire hazard, it increases building cost. It places the home-owner, without recourse, entirely in the hands of the manufacturers of inflammable patent roofings and does not reduce the insurance rate one Lincoln penny. How the property owner regard this is evidenced in Berkeley, where plans to rebuild the burnt district have halted, because of the anti-shingle ordinance that increased the cost of building and gave no equable return. To comply with the anti-shingle ordinance will cost the citizens of Berkeley $1,700.000 more than if they were allowed to use the cheaper, more durable and just as fire resistant wooden shingle.

POOR TRANSLATION RUINS GOOD ADVERTISING

The following is clipped from the November 5th issue of "Commerce Reports:"

Faulty and incorrect translations of circulars and advertisements not only fail to convey the meaning intended by the manufacturer or exporter but frequently make a company ridiculous in the eyes of the prospective purchaser. Some years ago a saddlery manufacturer, anxious to advertise his goods in Spanish-speaking countries, sent out pamphlets concerning single-horse buggy harness which he had for export. The translator, having no idea of the subject under consideration, made a true literal translation, and the result was "Harness full of bugs, for a bachelor horse." Vacuum cleaners have been made "cleansers of emptiness;" monkey-wrenches, "wrenches for monkeys;" iron washers, "machines to clean iron." The London Times Supplement has also recently called attention to the fact that translators in several instances have been guilty of deliberate errors in translating circulars into little-known vernaculars. The result was that competitors of the concern in question were aided in the introduction of their own or similar products in the country. This was done by the addition of cryptic expressions known only locally.

Accurate translation is one of the essential features of good advertising in other countries, and there are many reliable translation bureaus which are in a position to translate or to check translation before the manufacturing or exporting concern attempts to circularize a foreign clientele.

IMPROVED SLATE QUARRYING METHODS REPORTED

Waste slate is a problem of outstanding importance in the slate industry, for a very large proportion of all slate quarried is thrown on the waste heap, states Dr. Oliver Bowles, mineral technologist, Department of the Interior, in Serial 2532, recently issued by the Bureau of Mines.

While many uses for waste slate have been found, the demand calls for merely a fraction of the present supply of unused material. If the slate industry is to increase in prosperity, the producer's energy must be directed toward the development of ways and means of reducing waste to the lowest possible point.

A process of drilling and broaching as a substitute for channeling or blasting is now being tried out in certain Pennsylvania slate quarries in an effort to reduce the waste due to shattering. The cutting rate is about half as fast by the new method as by the old, but so little damage is inflicted on the rock that the proportion of usuable slate is greatly increased. Also the investment cost and maintenance expense are lower for drilling than for channeling. The new mode of operation has scarcely passed the experimental stage, but it seems probable that with improvements that are the outgrowth of experience, the new method will become more and more successful.

The drilling and broaching process is described in detail in Serial 2532, copies of which may be obtained from the Department of the Interior, Bureau of Mines, Washington, D. C.

PUBLICATIONS

In announcing the sale of more than 200,000 copies of "How To Own Your Home" within less than two months of publication, the Department of Commerce states that orders have come very largely from building and loan associations, savings banks, dealers in lumber and other building materials, furniture companies, and other organizations that have bought the booklet for distribution among their customers. Many banks and industrial concerns have distributed the booklet to their employees, and it has also been purchased in quantity for the use of school and college classes in which housing and home economics are studied. Although the number of single copies of "How To Own Your Home" sold at five cents a copy has been very great, orders for large lots have been especially stimulated by the low rates charged for quantity purchases. The Superintendent of Documents, Government Printing Office, Washington, handles the sales and makes quotations as follows: $4.00 a hundred, $35 00 for one thousand, and $20.00 for each succeeding thousand on large orders. The Superintendent of Documents can not make shipment of orders unless they are prepaid. "How To Own Your Home" discusses such topics as how much to pay for a home; how and where to borrow money to finance the transaction; the general and specific location of the lot, how to check the value of the property; how to judge house plans; and the quality of construction of new or old houses; selecting the contractor, and making the contract for building a house; and how to compute the maintenance cost and expense of home ownership. Financing tables are given as a guide in estimating annual expenses.

Industrial Works, Bay City, Michigan, has issued an elaborate and interesting catalog commemorating the golden anniversary of the firm and portraying Industrial Works products. The catalog illustrates and describes rail, traction and crawling tractor cranes from five to sixty tons capacity for operation by steam, gasoline and electricity; barge, wharf and gantry cranes; locomotive crane accessories; steam and electrically-operated wrecking cranes from seventy-five to two hundred tons capacity for railroad operation and heavy construction work; special railway equipment; pile drivers; and equipment constructed for export and the special features which such equipment requires. Copies of the book may be secured from the Chicago office of the concern, 1051 McCormick Bldg.

"Talking Points About the Myers Line" is the title of a 181-page book reviewing the special features and advantages in the construction of Myers pumps and other machinery manufactured by the company. A complete catalog, No. 56, is also issued by the firm. It contains 400 pages of valuable information on Myers products. Copies of either publication may be secured from F. E. Myers & Brother Company, Ashland, Ohio.

W. E. Dunn Manufacturing Company, Holland, Michigan, has published an attractive little pamphlet showing the various uses of Duntile, and illustrating the Dunn automatic production machine, Dunn shovel mixer and conveying machinery.

LUMBER EXPORTS FROM THIS COAST SHOW INCREASE

Total September exports of wood and manufactures thereof from the United States were valued at $11,229,938 as compared with $7,989,395 for September, 1923, an increase of approximately 40 per cent, according to the Lumber Division of the Department of Commerce. For the nine months ended September, 1923, the total value of these exports amounted to $109,231,862 as compared with $73,078,642 for the corresponding period last year or an approximate increase of 49 per cent.

Exports of logs and round timber in September, 1923, included 6,939,000 feet of cedar, 1,164,000 feet of Douglas fir, and 1,056,000 feet of Southern yellow pine. Exports of hewn and sawn timber for the same month included 44,299,000 feet of Douglas fir, 5,736,000 feet of Southern yellow pine, and 2,166,000 feet of Cedar. Railroad ties numbering 248,107 were exported during September composed of 87,428 hardwood and 160,679 soft wood. Of both kinds 69,814 went to Canada, 59,123 to Mexico, 39,553 to Japan, 31,358 to Honduras, 21,300 to Guatemala and 11,385 to Peru. Piling amounting to 197,240 linear feet and poles to the number of 10,985 were also exported during this month.

Lumber exported during the month under review amounted to 128,171,000 feet, Douglas fir being the largest species with 39,412,000 feet. The principal markets taking this wood were Japan, 16,789,000 feet; Peru, 4,152,000 feet; China, 3,865,000 feet; Canada, 2,266,000 feet; Chili, 2,528,000 feet; Cuba, 2,450,000 feet; Mexico, 1,319,000 feet; British South Africa, $1,090,000 feet; Australia, 952,000 feet; and the United Kingdom, 496,000 feet.

Of the hardwood lumber exported in September, Oak took first place with 10,730,000 feet, principally going to the United Kingdom, 5,064,000 feet; Canada 2,811,000 feet; Belgium, 1,012,000 feet; and the River Plate, 681,000 feet. The other exports of hardwood lumber were gum, 2,779,000 feet; poplar, 1,879,000 feet; ash, 1,105,000 feet; chestnut, 702,000 feet, and walnut, 582,000 feet.

HUGE DAM FOR EAST BAY WATER SUPPLY

East Bay Water Company of Oakland contemplates early construction of Upper San Leandro water project involving an expenditure of approximately $3,000,000. Project calls for construction of hydraulic-fill dam approximately 683 feet long at the crest and containing 1,200,000 cubic yards of material. The reservoir formed by the dam will have a capacity of approximately 13,600,000,000 gallons.

TRADE NOTES

Plant equipment and lumber stocks worth approximately $500,000 were destroyed in a fire which partly destriyed the plant of the Victoria Lumber & Manufacturing Company at Chemanius, B. C., on November 18.

Silver Falls Timber Co., Silverton, Ore., will open a Los Angeles office in the immediate future.

Western Tool & Wrench Co. of San Francisco, capitalized at $50,000 has been incorporated. Directors are: A. W. and Herman Peterson and John Henry.

Homer T. Hayward Lumber Co., of Santa Cruz has established a yard at Pacific Grove, Monterey County. The company is now operating six yards.

PERMANENT CONSTRUCTION AT CAMP LEWIS

Permanent buildings of concrete will be constructed to replace the present temporary cantonment buildings at Camp Lewis, Wash., if plans which are now being drawn up at headquarters, 9th corps area, are approved by the War Department. The present plans contemplate the construction of concrete buildings in sufficient numbers to accommodate the present headquarters and garrison of a portion of the 3rd division now stationed at Camp Lewis. Provisions are being made for future additional construction to accommodate a complete division should the strength of the Army ever reach such a point as to permit the stationing of a complete division at Camp Lewis. An initial expenditure of about $800,000 is planned for commencing construction of buildings to shelter the present garrison, and it is intimated that the War Department will approve the expenditure of this sum. The construction of these buildings will fill an urgent need and will provide shelter from the elements for the troops who are now quartered in temporary cantonment buildings of light wooden construction which were built in 1917. Many of these buildings have deteriorated to such an extent that they are unfit for use as shelter and are being torn down. A portion of the lumber and other parts thus obtained are used to repair the other buildings which are in uniformly poor condition. The replacement of the flimsy wooden buildings will reduce the present high fire hazard, as, with the exception of the headquarters, some of the officers' quarters, and a few other buildings, most of the present buildings are heated by stoves.

QUAKE-PROOF STRUCTURES IS AIM OF PROFESSOR

The devising of earthquake-proof structures is the aim of Dr. Thomas A. Jaggar Jr., government volcanologist at the Kilauea observatory on the slopes of Mauna Kea, Island of Hawaii, who has left Honolulu for Japan to study the effects of the disastrous earthquake that visited the island empire recently.

He suggested that designers might develop an all-steel type which could withstand shock and obviate catastrophies similar to those of Tokyo and Yokohama.

"Owing to the fact that we are in close contact with the Japanese in Hawaii, men who know how Japanese houses are built, there is a supreme opportunity here to design a light steel structure that could be built by the thousands to take the place of the problems that the Hawaiian Research Association will attack, a study of the facts evident on the ground in Japan."

FEDERAL WATER COMMISSION

Applications involving an estimated installation of 21,500,000 horsepower, permits and licenses issued for an aggregate installation of 7,500,000 horsepower, and 2,400,000 horsepower built or building under license, is the record of three years' administration of the federal water commission.

In this period, according to an official statement, the commission has dealt with applications involving six times as much horsepower and has twice as much horsepower built or building as the individual departments working independently in the preceding twenty years.

Co-operation between the individual departments and the commission itself is given as the reason for the outstanding success of the federal body.

NATIONAL MOVEMENT FOR "OWN YOUR OWN HOME" SHOWS

A centrally organized national movement to put before men and women in cities all over the United States who have the desire to own their own homes a concrete picture through highly developed "Own Your Home expositions" of how modern real estate developments, modern building conditions and modern financing are making home ownership possible was launched at a two day meeting just closed at headquarters of the National Association of Real Estate boards, Chicago, of representatives called from 47 national organizations covering financial groups, architectural bodies and building equipment and furnishing interests concerned with the home purchase and home building.

The meeting was called by the national Association of Real Estate boards, under the auspices of whose member boards own your home expositions have grown up. Expositions have been coordinated into five great circuits, covering the entire United States, an advisory service for home ownership exposition has been developed, and a plan for licensing expositions by a committee of the National Association of Real Estate boards has been adopted.

NEW TIMBER SUPPLIES ARE NEEDED

The United States cannot depend upon the forests of other countries to augument its own timber supply, according to the data presented by forest economists of the Department of Agriculture. Their comprehensive study of world timber conditions shows that the world's requirements of saw timber will double within the next 50 years if the rate of increase during the past few years is maintained. Moreover, as the rate of timber growth is equal to only two-thirds of the amount of wood consumed, the total supply is continually shrinking.

"The most pressing forest problem from a world standpoint is the necessity of providing adequate future supplies of soft wood timber," the economists report. "This can be done by using all of the forest land for the continuous production of timber crops. At present only 10 to 15 per cent of the world's timber land is so handled, the rest being regarded as a mine valuable only for the timber now standing on it."

ORGANIZATION NEWS

(Continued from Page 5)

ALAMEDA COUNTY BUILDERS SEEK TO INCORPORATE

The Builders' Exchange Holding Corporation has been formed by the directors of the Builders' Exchange of Alameda county. Articles of incorporation have been sent to the corporation commissioner in Sacramento for approval.

The purpose of the holding corporation is to handle the construction and management of the new Builders' Exchange building to be erected at what will be the northwest corner of Hobart and Webster, when the former is cut through from Broadway.

The exchange will hold all stock in the holding company. Members of the company will act as stockholders in trust for the exchange.

Work of opening Hobart street will start on December 2.

Meanwhile the exchange is taking bids on the removal of the present wooden structure located on its building site.

AS OUR SOUTHERN NEIGHBOR SEES US

In the current issue of the "Southwest Builder," published in Los Angeles, the following comment is made with regard to the recent decision of the Federal Court on the San Francisco Builders' Exchange permit system:

"The American Contractor can see no important difference between the permit system for purchase of materials used by the building industry of San Francisco to maintain the open shop and an agreement between the contractors and material dealers of Cook and Lake counties in Illinois whereby no materials would be sold to contractors doing work under the union scale of wages. The Federal court refused to enjoin the use of the permit system at San Francisco, but the Illinois agreement was held to be illegal by the supreme court of that state and a union carpenter who brought the suit to test the agreement was awarded damages. As a matter of fact there is a vital difference in the legal issues involved in the two cases. Under the Illinois agreement the union carpented was prevented earning higher wages than he could have obtained working for contractors who were parties to the agreement. The difference in wages was an exact measure of damages and moreover specific proof that he sustained damages as a result of the agreement which the contractors sought to enforce.

"Wages are not an issue in the permit system for purchase of building materials as used by the building industry at San Francisco. There is nothing involved except a question of principle and that is the principle of industrial freedom which has been sustained by the courts in every instance in which it has been raised. It does not deny the right of employment to any man at any wage which he may elect to demand if anyone choose to pay it. It does not deny the right of any contractor to engage in business nor does it seek to impose one price for materials on one contractor and another price for materials on another contractor. It does not prevent anyone, who chooses to do so, selling materials to any contractor, nor does it prevent a contractor buying materials wherever and whenever he may obtain them. Contractors who prefer to run closed shop jobs do so of their own volition and that is their privilege, and if there are no material dealers who subscribe to the closed shop principle they are simply out of luck."

FRESNO BUILDING MATERIAL DEALERS TO ELECT

Election of officers of the Fresno Building Material Dealers' Association will take place within the next few days.

Directors of the association, elected at a recent dinner meeting, are Frank Minard, A. Anderson, C. C. Courtright, B. A. Newman, and A. C. McWhorter. Clarence Foin was president until the recent election of directors. The new president will be chosen from the board membership. Lawson J. Allen, secretary of the Fresno Merchants' association, is also secretary of the building material dealers.

EUREKA ENGINEERS MEET

The regular monthly meeting of the Engineers' Club of Eureka was held at the Eureka Inn, Nov. 24. Following the regular business session, two papers were read, the first by John Robertson covering asphaltic concrete paving. H. L. Neal's paper dealt on "The Possibilities of Eureka's Growth From an Engineering Standpoint."

KERN ENGINEERS TO RECEIVE A.A.E. CHARTER

Elaborate plans are to be made by the Kern county chapter of the American Association of Engineers for a meeting December 7, when the newly-organized unit will be presented with its charter, showing a membership of fifty technical men in the Kern county section. The meeting, in the form of a dinner, will be held at the Hotel Tegeler and it is anticipated a a representative from each club in the state will be in attendance. Saturday, December 8, all members will attend a state assembly to be held in Fresno.

Hubert Ferry, national director of engineers' clubs, with headquarters in Los Angeles, will deliver the principal address at the charter meeting here and other men prominent in the profession will be listed on the program for contributions to the entertainment.

Preliminary plans for the meeting were made at gathering of the engineers in Taft last week. Several members from Bakersfield were present. Committees, program and other features of the coming event will be announced later by Secretary F. Bartlett of the local chapter.

SACHAMENTO PAINTERS ENJOY DUCK STEW

Members of the Sacramento Master Painters' Association enjoyed a duck stew supper in the association rooms, 615 J Street, Sacramento, Nov. 24. In addition to members of the Sacramento association, officials of the state association were present.

The annual duck stew has become a yearly event keenly looked forward to by the members of the association, and is one of the most important meetings of the year.

W. L. Triplett is president and G. J. Pilliken, secretary of the Sacramento Master Plumbers' Association.

A. G. C. SELECTS CHICAGO FOR MEETING

At a recent meeting in New York it was decided to hold the 1924 convention of the Associated General Contractors in Chicago, January 21-24, 1924. The sessions of the executive board will be held a few days earlier on January 17, 18, and 19, during the week of the Good Roads' Show, and it is highly probable that the executive board and the highway officials will hold a joint session on one day of the week. It was thought advisable to hold the convention proper in the week following the road show so that contractors and the highway officials might co-operate.

RAIL-WATER MEET SET

Proper co-ordination of rail and Ocean transportation is to be one of the outstanding subjects for discussion at the third farmers-manufacturers' conference at Omaha, December 17 and 18, the call for which was issued by United States Senator Frank B. Willis of Ohio, chairman of the Middle West committee.

NEW EXCHANGE MEMBERS

At the last regular meeting of the San Francisco Builders' Exchange the following firms were admitted to membership: California Cedar Products Co., Stockton, Calif., manufacturers of Duro wall board and Duro lath; Pantheon Waterproofing Co., manufacturers of waterproofing; Caldwell, Cornwall & Banker, San Francisco, real estate operators.

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $150,000
SAN FRANCISCO, SW Polk & Union.
Six-story and basement concrete (35) apartments.
Owner—N. Muriale, St. Helena, Cal.
Contractor—F. C. Amoroso, 1336 Kearny, San Francisco.

Segregated Contracts To Be Awarded Shortly.
APARTMENTS Cost, $90,000
SAN FRANCISCO, NW California and Octavia.
Four-story and basement class C (27) apartments.
Owner—E. E. Young.
Architect—E. E. Young, 2002 California San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $100,000
SAN FRANCISCO, NW Franklin and Sacramento Sts.
Five-story and basement reinf concrete apts. (3 or 5-room apts.)
Owner—W. Props, 965 Hyde St., S. F.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Work will be done by day's labor & sub contracts.

To Be Done By Day's Work and Sub-Contracts.
APARTMENTS Cost, $42,000
SAN FRANCISCO, SE Broadway and Larkin Sts.
Three-story and basement frame (12) apartments.
Owner—Harry C. Warwick, 3769 Jackson St., San Francisco.
Architect — O'Brien Bros., 315 Montgomery, San Francisco.

Plans Completed—To be Done by Day's Work.
APARTMENTS Cost, $150,000
SAN FRANCISCO—SW Bay and Larkin Streets.
Group of 18 one-story frame and stucco bungalows (Bungalow Court, 5, 6 and 7 rooms each.
Owner—Louis Heilmann, 645 Bush St, San Francisco.
Architect—Gustave Stahlberg, Flatiron Bldg., San Francisco.
Grading has been started. The structures will be built for sale and will occupy about a half of a block.

Additional Contracts Awarded.
APARTMENTS Cost, $150,000
SAN FRANCISCO, S Pine St. 137-6 W Taylor.
Six-story and basement reinforced concrete apartments.
Owner—Madge H. and George L. Fish.
Architect—F. W. Quandt, Humboldt Bk Bldg., San Francisco.
Plumbing to Gus May, 3668 18th St., $11,600.
Heating to Geo. N. Zaro, 1401 Bush St., $3200
Elec. work to F. E. Newbery Elec. Co., 359 Sutter St., $5366.
Excavating, concrete, carpenter, lath and plaster, tiling and ornamental iron, hardwood floors, glazing, roofing, etc. to F. L. Hansen, 251 Kearny St., $81,118.

Plans Complete—Owner To Take Sub-Figures.
APT. HOUSE Cost, $50,000
SAN FRANCISCO, S Washington E Jones.
THREE-story and basement frame and stucco apt. house (12 3 & 4-room apartments).
Owner — Axel Johnson, 632 Belvedere St., San Francisco.
Architect—Baumann & Jose, 251 Kearny, San Francisco.
Work will be done by day's labor and sub-contracts.

Owner Taking Figures.
APT. HOUSE Cost, $55,000
SAN FRANCISCO, S Grove W Scott St.
Three-story and basement frame brick veneer apt. house (3 and 4-room apartments).
Owner — Jerome E. O'Brien, 1207 Arguello Blvd., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Owner Taking Figures.
APT. HOUSE Cost, $50,000
SAN FRANCISCO, E Guerrero bet. 18th and 19th.
Three-story and basement frame and brick veneer apt. house (18 2 and 3-room apts.)
Owner—Mrs. H. Tillman, 445 Ellis St., (Adair Apts.) San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Figured.
APT. HOUSE Cost, $15,000
BERKELEY, Alameda Co., Cal., Hilgard St.
Two-story frame and stucco and brick veneer apt. house (steel girder basement construction for garage.
Owner—W. B. Kyle.
Architect — Miller & Warnecke, Call Bldg., S. F. and Perry Bldg., Oakland.

Reinforcing Steel Awarded—Sub Figures Being Taken.
APARTMENTS Cost, $100,000
SAN FRANCISCO, SE Sacramento and Octavia Streets.
Six-story and basement reinforced concrete apartment house (12 3-room and 34 2-room apts.)
Owner—L. B. Ham, 110 Sutter St., San Francisco.
Architect—A. J. Horstman, 110 Sutter St., San Francisco.
Reinforcing steel awarded to Gunn-Carle Co.
Sub-figures are being taken on all other parts of the work.

Sub-Figures To Be Taken In About a Week.
APARTMENTS Cost, $250,000
SAN FRANCISCO, NW Sutter & Leavenworth Streets.
Ten-story steel frame Class A brick and concrete apartments (75 2-rm. apartments)
Owner—L. B. Ham, 110 Sutter St., San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, $15,000
SAN FRANCISCO, W Broderick S Ellis.
Two-story and basement frame and stucco apt. house. (4 apts.)
Owner—Wm. F. Gunnison.
Architect—Wm. F. Gunnison and H. P. Merritt, 57 Post St., S. F.

Plans to be Prepared.
APARTMENTS Cost, $——
SAN FRANCISCO. SE Clay & Octavia Sstreets.
Owner—McKillop Bros., 235 Montgomery St., San Francisco.
Architect—Not Given.
Additional information will be given later.

Plans Completed.
APT. HOUSE Cost, $40,000
OAKLAND, E Park Blvd, 300 S Wellington.
Three-story 48-room frame apt. house.
Owner — W. E. McChesney, 1315 San Luis ve., Oakland.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS $1.25 Net F.O.B. SF
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF.
PHONE SUTTER 59-17

Plans Being Prepared.
APARTMENTS Cost, $55,000
BERKELEY, S of U of C Campus.
Three-story and basement frame and stucco apt. with tile roof (24 2-rm. apartments).
Owner—Withheld.
Architect—Tuttle & Tuttle, 357 12th St., Oakland.
Elevator, wall beds, garbage chute, etc.
Plans will be ready for figures in ten days.

Contract Awarded.
APARTMENTS Cost, $14,000
SAN FRANCISCO, W 27th Ave. 250 S Lake.
Two-story & basement frame (4) apts.
Owner—P. L. Haupt.
Contractor—Klaus Adler, 493 22nd Ave. San Francisco.

Contract Awarded.
APARTMENTS Cost, $10,500
OAKLAND, SE 35th and West Sts.
Two-story 12-room apartments.
Owner—E. Michels, 3440 West St., Oakland.
Contractor—F. C. Stolte, 3455 Laguna, Oakland.

Contract Awarded.
APTS & ALTERATION Cost. $16,500
OAKLAND, SE 52nd and Market Sts.
Two-story 12-room frame apts. and alter adjoining bldg.
Owner—W. B. Kellogg.
Contractor—Harry C. Knight, 388 12th St., Oakland.

Plans Complete.
APARTMENTS Cost $15,000
SAN FRANCISCO, E Dolores 25 S 14th.
Two-story and basement frame (four) apartments.
Owner—Laurence Meehan.
Architect—A. J. Horstmann, Rm. 809, 110 Sutter St., San Francisco.

To be Done by Day's Work.
APARTMENTS Cost, $30,000
SAN FRANCISCO. W Masonic Ave 144, 170, 196 and 248 N Fulton St.
Four two-story and basement frame apartment houses (4 apts. each).
Owner—W. R. Voorhies, 12 Loyola St., San Francisco.

Concrete Work Bids Being Taken.
APT. HOUSE Cost, $80,000
SAN FRANCISCO, Larkin St. near Eddy
Five-story class C reinforced concrete apartment house.
Owner—B. Getz, Inc.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 330 Pac. Finance Bldg., are preparing plans for a 13-sto. and basement class A community apt. house to be erected at n.e. cor. of Yucca and Vine Sts., for Edward W. Zaiser. It will contain 362 rms; dimensions, 98 by 164 ft., reinf. conc. constr., press. brick and terra cotta facing, marble and tile work, hardwd. trim, wall beds, tiled baths, steam htg., refrigerating system, 3 elevators; $1,300,000.

SEATTLE, Wash. — Stephen Berg, general contractor, 3402 Woodland Park Ave., Seattle, will erect for himself a five-story masonry apartment house at John St., Loretta Place and Summit Ave.; est. cost $350,000. Will contain about 240 rooms.

LOS ANGELES, Cal. — Architect Harry Gensen, 207 Hibernia Bldg., has completed plans for a three-story apartment building to be erected on Exposition Blvd. between Vermont and University Aves. for Mr. Murstein and Mr. Neft. It will contain 75 apartments. Frame construction, 3-story, triangular shape, 272x126 ft., composition roofing, hardwood and pine floors, automatic electric elevator, tiled baths and drainboards, basement, incinerator, ornamental iron work, there will be a lobby and ballroom.

GLENDALE, Los Angeles Co., Cal.—Malcolm Smith, 514 Douglas Bldg., Los Angeles, has cont. for a brick apartment court at 106-22 W. Elk St., Glendale, for J. J. Graf, Elks' Club, Glendale. L. L. Jones, 603 Grosse Bldg., Los Angeles, is the architect. The buildings will comprise two two-story buildings, 72x101 ft., one 2-story, 29x47 ft., and two garaggES, 18x19 ft., brick walls faced with rug. brick, composition roofs, 21 3-room apartments with sun porches, 21 tiled baths, hardwood floors, gas radiators, tile drainboards, refrig. systems, radio equipment in each apartment, disappearing beds. Cost, $100,000.

LOS ANGELES, Cal.—Olin J. Cope Co., 5502 Santa Monica Blvd., has the contract to erect a 72-room 26-apt. bldg. on Hobart Blvd. near Santa Monica Blvd. for W. B. McSherry. Two-sto. 88x115 ft., frame and plas. constr., lomp. rfg., pine trim, oak and pine fls., wall beds, tiled baths, water htrs., gas rads; $65,000.

LOS ANGELES, Cal.—Crammattee & Hill, 3016 W. 9th St., have had plans prepared and are taking bids for a store and apartment building to be erected at the corner of Edgemont St. and Fountain Ave. for themselves. It will contain 30 double apartments and 10 stores. Brick walls, 3-story and part basement, 90x125 ft., pressed brick facing, composition roofing, tiled baths and drainboards, gas radiators, water heater, pine and oak trom, wall beds, marble work. Cost, $100,000.

LOS ANGELES, Cal.—J. R. Schenk, 2924 Brooklyn Ave., has prepared plans and is taking bids for erecting a 60-rm. 30-apt. bldg. on San Marino St. near Hoover St. for Max Slozower, 3052 Folsom St. Three-story, 41x120 ft., frame and plas. constr., comp. rfg., pine trim, wall beds, oak and pine fls., tiled baths, water htrs., gas rads.; $40,000.

LOS ANGELES, Cal.—Archt. George Eldredge, rm. 602, 7th and Hill Sts. Bldg., has completed plans for a 4-sto. class C apt. bldg., to be erected at cor. 8th St. and Westmoreland Ave., for an owner represented by Harry C. Dickinman; it will contain 27 single and 12 3-rm. apts. Brick walls, 4-sto. and basement, 60x110 ft., steam htg. system, press. brick and terra cotta facing, comp. rfg., hardwood and pine fls. and trim, tiled baths and drainboards, wall beds, struc. steel, aut. elec. elevator, ornam. iron work.

LOS ANGELES, Cal.—J. R. Schenk, 2924 Brooklyn Ave., has prepared plans and is taking bids for erecting a 60-room, 30-apt. bldg. on San Marino St. near Hoover St. for Samuel Polleck, 2005 Michigan Ave. Three-story, 41x120 ft., frame and plas. constr., comp. rfg., pine trim, oak and pine fls., wall beds, water htrs., gas rads., tiled baths; $40,000.

BONDS

STOCKTON, San Joaquin Co., Cal.—Election will be held Dec. 14 in Montezuma School District to vote bonds of $11,000 to finance school improvements. Trustees of district are: Wm. Hollenbeck, G. L. Gardner and W. Stevenson.

LEMOORE, Kings Co., Cal.—Election will be held Dec. 31 to vote bonds of $35,000 to finance erection of new city hall.

SAN JOSE, Santa Clara Co., Cal. — Election held in Valley View, Pioneer and Hacienda School Districts, forming union district, to vote bonds of $79,000 to finance construction of new school building failed to carry by vote of 124 for and 98 against the issue. Another election is probable. Wycoff & White, Growers Bank Bldg., San Jose.

MARTINEZ, Contra Costa Co., Cal.—Recently consolidated Meraga & Orinda Park School Districts vote bonds of $22,000 to finanace construction of new school building to be erected at Orinda Park.

VENICE, L. A. Co., Cal.—The $250,000 city high school bond issue carried at the election held Nov. 17. The funds derived from these bonds will be used for the following purposes: addition to mechanical arts bldg., 5-rms., $30,000; boys' gym. and equip., $65,000; unior high school add., 12-rms., $70,000; adds. to heating plant, necessary for new bldgs., $15,000; water supply, new well and pump, $2500; ground imp., including additional sidewalks and cem. tennis courts, $7500; outside illustration of bldgs., $3000; bus for student transportation promised the outlying dists., apart from Pac. Electric lines, $3200; repairs to old bldgs., $5000; visual education equip., $2500; equip. needed to complete bldgs. of both schools, $21,300.

ESPARTO, Yolo Co., Cal.—Esparto Grammar School District votes additional bonds of $22,000 to finance construction of new school. This is second election, the previous one having been declared illegal. Geo. C. Sellon & Co., Mitau Bldg., Sacramento, is the architect for the structure.

MARYSVILLE, Yuba Co., Cal.—Second election held in Feather River Union School District to vote bonds of $30,000 to finance construction of new school failed to carry.

SAN JUAN, San Benito Co., Cal.—Election will be held Dec. 18 in San Juan Grammar School District to vote bonds of $20,000 to finance additions to present school. Trustees of district are: Antone Taix Pr., Frank Dowdy and Clarence Cagney.

CHURCHES

Contract Awarded.
CHURCH Cost, $60,465
SAN FRANCISCO, SW Courtland and Elisworth.
Two-story and basement concrete church.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—Geo. McCrea, 369 Pine St., San Francisco.
Contractor—J. J. Leonard, 180 Jessie St., San Francisco.

Plans Being Prepared.
CHURCH & SCHOOL Cost, $50,000
WOODLAND, Yolo Co., Cal.
Frame and stucco church and school, (tile roof, Spanish style).
Owner—First M. E. Church.
Architect—Tuttle & Tuttle, 357 12th St. Oakland.

Plans To Be Prepared.
CHURCH Cost, $30,000
SAN DIEGO, San Diego Co., Cal.
One-story frame and stucco church.
Owner—Trinity M. E. Church.
Architect—Tuttle & Tuttle, 357 12th St., Oakland.

LA CANADA, Los Angeles Co., Cal.—Architects Walker & Eisen, 330 Pacific Finance Bldg., have been commissioned to prepare plans for a new church to be erected at La Canada. It will contain an auditorium and Sunday school department; frame and plaster constr., clay tile roofing. Cost, $50,000.

EAGLE ROCK, L. A. Co., Cal.—Archt Mott M. Marston, 507 Douglas Bldg., is completing plans and will take bids immediately for a new church to be erected at Eagle Rock for the First Congregational Church. Auditorium to seat 400; social hall, kitchen, ladies' rest room and basement. Brick constr., plas. exter., tile rfg., cem. and O. P. fls., gas htg., water htr., art and stained glass.

ONTARIO, San Bernardino Co., Cal.—Archt. Robert H. Orr, 1305 Corporation bldg., has completed plans for a new churih auditorium bldg. to be erected at Ontario for the First Christian Church; it will have a seating capacity of 800 people, with social hall in basement. Brick constr., 70x100 ft., press. brick exter., cast stone trim, comp. rfg., art and stained glass, hardw. and pine fls. and trim. Owner will erect by day laber under the supervision of C. A. Edwards, Ontario.

SAN FERNANDO, L. A. Co., Cal.—Archt. Robert H. Orr, 1305 Corporation Bldg., is preparing plans for church bldg. to be erected at San Fernando, for the San Fernando Presbyterian Church; it will contain auditorium to seat 250 people, 15 classrms., Sunday school assembly rm. and intermediate auditorium. Two-story and basement, 92x96 ft., brick veneer, comp. rfg., cem. and pine fls., art glass, gas unit htg. system, water htr., pine trim; $50,000.

LOS ANGELES, Cal.—Archt. Robert H. Orr, 1305 Corporation Bldg., has been commissioned to prepare plans for a side addition to church bldg. at 25th St. and Magnolia Ave., for the Mabnolia Avenue Christian Church; it will contain gymnasium, locker rms, 17 classrms. and 2 assembly rms. to seat 75 people ea. Brick and frame constr., 2-story and basement, shower baths, comp. rfg., brick exter., gas htg., cem. hardwd. and pine fls., water htr., art and stained glass; $50,000.

ANAHEIM, Orange Co., Cal.—Archt. H. M. Patterson, 325 O. T. Johnson Bldg has been commissioned to prepare plans or new bldgs. to be erected at Anaheim for the First Presbyterian Church of Anaheim. The bldgs. will probably consist of a main auditorium and church structures with a separate bldg. for departmental Sunday school. Constr. will be of brick. Cost, $150,000. Preliminary plans will be prepared at once.

ANAHEIM, Orange Co., Cal.—Geo. E. Trout, Anaheim, was awarded contract at approx. $70,000 for the erection (except excav. and heating) of a church bldg. for the First Christian Church. W. P. Shepherd, 312 Central Bldg., Pasadena, engr. McClellan and Sparkes have the excav. contr. Heating and ventilating contr. has not been let. The bldg. will be 80x101 ft., of frame and stucco constr. and will contain auditorium, kitchen, ladies' parlor, baptistry, study, 20 classrooms.

FACTORIES AND WAREHOUSES

Contract Awarded.
FACTORY Cost, $18,000
SAN FRANCISCO. S Sacramento 112-6 W Front Street.
Two-story concrete factory.
Owner—Chew Quon.
Engineer & Contractor—J. H. Hjul, 1122 Folsom St., San Francisco.

Contract Awarded.
SODA WATER WORKS Cost, $26,500
OAKLAND, SE 10th and Webster Sts.
One and 2-story brick soda water wks.
Owner — Wm. Lang and Pioneer Soda Water Co., 10th and Webster Sts., Oakland.
Contractor—Phil Sheridan, 1510 Harmon St., Berkeley.

Plans To Be Prepared.
GRAIN TERMINAL Cost, $325,000
SAN FRANCISCO, Islais Creek.
Completion of new grain terminal.
Owner—State of California (State Bd. of Harbor Commissioners, Ferry Bldg., San Francisco.)
Engineer—Frank G. White, Ferry Bldg San Francisco.

Contract Awarded
BUILDING Cost, $10,040
SAN JOSE, Santa Clara Co., Cal. W N-Third St. bet. St. John St., next to K. of C. Bldg.
All work except plumbing for reinforced concrete building.
Owner—San Jose Tobacco Co., 44-46 Post St., San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—Z. O. Field & Son, W-San Antonio St., San Jose.

Planned.
CANNING PLANT Cost, $3,000,000
SACRAMENTO, Cal., 16th 18th B & C Streets.
Fireproof canning plant.
Owner — California Packing Co., 101 California St., San Francisco.
Engineer—Philip L. Bush, 101 California St., San Francisco.
Definite plans for the project have not been worked out as yet, and Bush did not wish to speak prematurely of the intentions of the corporation.

Contract Awarded.
OFFICES, ETC. Cost, $40,000
SAN FRANCISCO. SW Rich and Brannan.
Two-story Class C reinforced concrete loft building, 78-4x128 (show room and offices.)
Owner—Bothin Estate Co.
Lessee—Bowser Pump Co.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Buschke & Brown, 185 Stevenson St., San Francisco.
Spur track to be laid.

Contract Awarded.
MFG. BLDG. Cost, $10,000
SAN FRANCISCO, S Erie 112-6 W Howard.
One-story brick light manufacturing building.
Owner—Albert A. & W. H. Wagstaff.
Contractor—S. Schell, 180 Jessie St., San Francisco.

Figures to be Taken in a Few Days
LOFT BLDG. Cost, $50,000
SAN FRANCISCO. E Tenth St. N Bryant Street.
Two-story reinforced concrete scenery painting loft.
Owner—Louis R. Lurie.
Lessee—Rosenthal Entertainers, Inc.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Contract Awarded.
ADDITION Cost, $9,933
SAN JOSE, Santa Clara Co., Cal. S Margaret St., bet. 3rd and 5th Sts.
One-story reinforced concrete and terra cotta addition to factory.
Owner—Beech-Nut Co. of Californmia, Premises.
Engineer—Paul R. Crooker, M. E. of California.
Contractor—R. S. Summers, 17 N-1st St., San Jose.

Contract Awarded.
FACTORY Cost, $18,000
OAKLAND, W Peralta St. 200 N 18th.
One-story brick factory.
Owner — Pacific Shade Cloth Co., 360 Adeline St., Oakland.
Contractor—J. H. Pedgrift, 4110 Broadway, Oakland.

RIVERSIDE, Cal.—Santa Fe Ry. Co. has started work on const. of $50,000 packing plant at 9th St. and the Santa Fe Ry. tracks, for the Riverside Navel Orange Assn. Bldg. will cost $29,000 and equipment about $21,000. William Webster mgr.

LANKERSHIM, Los Angeles Co., Cal. —State Highway Commission Maintenance Department, Forum Bldg., Sacramento, authorized to erect a modern repair shop at Lankershim, estimated to cost, $27,000. Will be of brick construction, 85 by 150 ft., and will replace present inadequate shop now in use. R. M. Morton is state highway engineer.

SAN BRUNO, San Mateo Co., Cal.—Until Dec. 12, 8 P. M., bids will be rec. by Nettie A. Willits, City Clerk, to erect steel frame garage and workshop with corru. iron roof and sides. Cert. check, 10% req. with each bid. Further information obtainable from clerk.

LOS ANGELES, Cal.—Archts. Morgan Walls & Clements, 1124 Van Nuys Bldg. are preparing plans for a 4-story and basement loft bldg. to be erected on north side of 7th St. near Bixel St., for Mrs. Daisy M. Degelman. Dimensions, 60x140 ft., brick walls, terra cotta and ruffled brick facing, plate flass, steel beams, comp. rfg., steel sash, metal skylights, wood fls., two elevatora.

LOS ANGELES, Cal.—McCormick Co., engineers, Pittsburgh and New York City, are preparing plans for a Class A side addition to the bakery building at No. 1802 Hooper St., for the Holsum Bakery, J. W. Costello, general manager. Steel frame construction, 1-story and part 2-story, 280x190 ft., hollow tile walls, plaster exterior, composition roofing, concrete tile and maple floors, steel sash, wire glass, enamel brick interior walls; it will be used for general baking purposes and for storage of trucks. Cost, $125,000. Bids will be taken in about four months.

LOS ANGELES, Cal. — Architects Walker & Eisen, 330 Pacific Finance Bldg., are preparing plans for a 13-story and basement Class A loft building to be erected at the northeast corner of 7th and Los Angeles Sts., for S. Goodman. Dimensions, 50x90 ft., reinforced concrete construction, pressed brick and terra cotta facing, plate glass, steel sash, composition roofing, 2 elevators.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

FLATS

Contract Awarded.
FLATS Cost, $14,000
BERKELEY, 2322 Cedar St.
Two-story 16-room frame flats.
Owner—H. I. Stein, 1514 Grove St., Berkeley.
Contractor—Emil Person, 2224 Rose St. Berkeley.

To be Done by Day's Work.
FRAME FLATS Cost, $10,000
SAN FRANCISCO. S Cabrillo 50 E 12th Ave.
Two-story and basement frame (2) flats.
Owner—Thos. McCormick, 75 Hill St., San Francisco.

Plans Completed.
FLATS Cost, $10,000
SAN FRANCISCO, N Lombard 87-6 E Franklin.
Two-story & basement frame (2) flats.
Owner & Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.

To Be Done By Day's Work.
FLATS Cost, $8000 each
SAN FRANCISCO, NW Octavia & Greenwich & W Octavia 25 50 75 N Greenwich.
Four 2-story and basement frame flat bldgs. (2 flats each).
Owner—A. E. Hind.
Architect—W. G. Hind, Hearst Bldg., San Francisco.

Contract Awarded.
FLATS, ETC. Cost, $10,000
SACRAMENTO, Cal. No. 1109 Thirty-eighth St.
Two-story frame building (2 flats; 5-room dwelling and garage.
Owner—Fred Boitano, 7th and O Sts., Sacramento.
Architect—None.
Contractor—E. W. Book, 2911 H St., Sacramento.

GARAGES

Plans Being Figured.
GARAGE Cost, $—
SAN ANSELMO, Marin Co., Cal.
One-story reinforced concrete garage.
Owner—Withheld.
Architect—S. Heiman, 57 Post St., San Francisco.

Contract Awarded.
GARAGE Cost, $18,500
OAKLAND, NW Piedmont Ave. 544 NE New Broadway.
One-story concrete garage (except air compressor tank and light fixtures.
Owner—Robt. McGahie and S. P. Palmer, Mills Bldg., San Francisco.
Architect — Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—J. Martinelli, 180 Jessie St. San Francisco.

Contract Awarded.
GARAGE, ETC. Cost, $40,000
FRESNO, Fresno Co., Cal. H Street.
One-story concrete and brick garage and repair shop.
Owner—Benham Ice Cream Co.
Architect & Contractor — Trewhitt-Shields Co., Rowell Bldg., Fresno.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

AUBURN, Placer Co., Cal.—T. Worwick, Auburn, only bidder at $1836, awarded contract by Placer Union High School District to erect garage on high school grounds.

ALAMEDA, Alameda Co., Cal.—A. J. McAfee at $2,195 awarded contract by City Council to construct annex to city hall garage.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, for fur. and del. materials to Navy Yards, follows: date for opening bids as noted at close of each paragraph:

Schedule 1601, for Mare Island, 2000 sq. ft. expanded metal lathing, Dec. 18.
Schedule 1602, for Mare Island, 9400 ft. b. m. white pine, Dec. 18.
Sched. 1603, for various eastern and western yards, wrenches, Dec. 11.
Sched. 1604, for eastern and western yards, miscellaneous hardware, Dec. 18.
Sched. 1605, for Mare Island, $60,000 lbs. pulverized silica, Dec. 11.
Schedule 1606, for eastern and western yards, miscellaneous hand tools, Dec. 18.
Sched. 1608, for Mare Island, 10 electric grinders; Dec. 18.
Sched. 1609, for Mare Island and Puget Sound, spare parts for ranges, December 18.
Sched. 1611, for eastern and western yards, 6000 lbs steel wool, Dec. 18.
Sched. 1618, for Mare Island, 4000 galvanized buckets, December 18.
Schedule 1619, for Mare Island, 9400 lbs. copper sheathing, Des. 18.
Sched. 1620, for eastern and western yards, miscellaneous plate glass and non-scatterable glass, Dec. 18.
Sched. 1622, for Mare Island, 4000 lbs. paraffin wax, Dec. 18.
Schedule 1629, for Mare Island, 1 motor generator set and 6 transformers, Dec. 18.

PUGET SOUND, Wash.—Puget Sound Bridge and Dredging Co., 811 Central Bldg., Seattle, Wash., at $1.25 submitted only bid to Bureau of Yards and Docks, Navy Department, under Spec. 4708 for dredging at Puget Sound Navy Yard; time for completion 150 days.

SAN FRANCISCO, Cal.—The following bids were opened on Nov. 22nd, in the office of the Supervising Superintendent of Construction, P. O. Bldg., San Francisco, for miscellaneous repairs and painting at the U. S. Mint Building, San Francisco. The bids were referred to Washington.
I. R. Kissell, 1747 Sacramento St., San Francisco $5750
Cramer Bros. 6765
Alfred H. Vogt..... 6890
Barrett & Hilp..... 7900

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?
For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.
OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.
A. Quandt & Sons
Painters · Decorators
Since 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
Los Angeles

CRESCENT CITY, Del Norte Co., Cal.—Senator Shortridge of California will introduce bill seeking authorization of Chief of Army Engineers for survey at Crescent City harbor with a view to making that point a harbor of refuge. The War Department wants three more harbors of refuge on the Pacific Coast and favors Crescent City as the location for one of them. It would be necessary to extend the seawall there several thousand feet.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., Nov. 23, 1923.—SEALED PROPOSALS will be opend in this office at 3 P. M., Dec. 27, 1923, for the construction of the United States Post Office and Court House at Paris, Texas. The drawings contemplate a one-story and basement building approximately 109 by 88, brick and stone facing, fireproof except roof. Drawings and specifications may be obtained from the Custodian of the Post Office at Paris, Texas, or at this office, in the discretion of the Superising Architect. Jas. A. Wetmore, Acting Supervising Architect.

KETCHIKAN, Alaska—Until Jan. 21 2 p. m., bids will be rec. by Supt. of Lighthouses, Ketchikan, Alaska, for two internal combustion engine driven air compressors and two oil engines for operation of diaphone for signal at Cape Spencer Light Station, Alaska. Further information obtainable from above office.

HALLS AND SOCIETY BUILDINGS

Figures To Be Taken Next Week.
ALTERATIONS Cost, $30,000
SAN FRANCISCO, Arguello Blvd. and Geary St.
Alter frame and stucco church into club (cardrooms, billiard room, stage, etc.)
Owner — Independent Order of B'na B'rith, S. F. Lodge.
Architect—S. Heiman, 57 Post St., S. F.

Plans Completed.
CLUB BLDG Cost, $7000
BERKELEY, Alameda Co., Cal. Allston Way and Milvia St.
One-story frame club building (Like Y. M. C. A. "huts").
Owner—American Legion.
Architect—Harris Allen and Mr. Stevenson, Central Bank Bldg., Oakland

Completing Plans—Figures To Be Taken In Two Months.
BUILDING Cost, $250,000
SANTA BARBARA, Santa Barbara Co., Cal., E Carrillo.
Three-story reinforced concrete Masonic Temple Bldg.
Owner—Masonic Hall Association.
Architect—Carl Werner, Santa Fe Bldg. San Francisco.

Plans Being Completed.
CLUB HOUSE, ETC. Cost, $100,000
RICHMOND, Contra Costa Co., Cal. 12th St. near Macdonald Ave.
Two-story tile and stucco War Memorial, club house, 100x84 feet.
Owner—City of Richmond, A. C. Faris, City Clerk.
Architect — Jas. T. Narbett, 910 Macdonald Ave., Richmond.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Segregated Figures To Be Opened In a Few Days.
DORMITORY BLDG. Cost, $75,000
SAN FRANCISCO, S Ellis St. 256 E Webster St.
Six-story reinforced concrete dormitory bldg. (84 rooms, 5 class rooms, dining room and kitchen; 1st unit of Bible Institute).
Owner—Glad Tidings Tabernacle Inc. & Bible Training School.
Architect—Wm. F. Gunnison and H. P. Merritt, associated, 75 Post St., San Francisco.

Contract Awarded.
CLUB HOUSE Cost, $15,455
RED BLUFF, Tehama Co., Cal. Rio St., bet. Hickory and Union Sts.
One and one-half-story brick club house.
Owner—Woman's Improvement Club, Red Bluff, Cal.
Architect — Chester Cole, Waterland-Breslauer Bldg., Chico, Cal.
Contractor—F. H. Horn, Red Bluff, Cal.
Other bids were: Frank Henricks, Red Bluff, $15,512; Herendon & Finnegan, Sacramento, $15,915; E. W. Bostrom, Orland, $15,931, and J. F. Mackie, Chico, $16,640.

LOS ANGELES, Cal.—L. R. Armstrong, 711 Hollingsworth Bldg., has the contract for super structure for 2-story and part 3-story lodge and store bldg. to be erected at cor. 9th St. and Union Ave. for the Independent Order of B'nai B'rith; it will contain 11 stores and lobby on first fl. with lodge rooms, auditorium, banquet hall, restrms and kitchen on 2nd and 3rd fls. S. Tilden Norton and Frederick H. Wallis, 716 S Spring St., archts. Brick walls, 80x160 ft., terra cotta and press. brick facing, comp. rfg., struc. steel, plate glass, steam htg. sys., cement and maple fls., pine and hardw. trim., tile and marble work, aut. elec. elevator, vtg. sys., ornam. iron work; $150,000. Foundations and basement completed.

YOSEMITE VALLEY, Cal. — Archt. Gilbert Stanley Underwood, 609 I. W. Hellman Bldg., is preparing plans for a clubhouse, housing group and other development for Yosemite Mountain Club to be located on a tract of 5000 acres near Yosemite National Park. The clubhouse will contain social rms., dining room, kitchen, sleeping rooms and 50 baths; frame construction, shakes exterior, shingle rfg. Other work will include a group of houses, dam, power house, stables, garages and 18-hole golf course; $300,000. Gutleben Bros., 609 I. W. Hellman Bldg., have charge of construction work which is being started.

LOS ANGELES, Cal.—Archts. Morgan Walls & Clements, 1124 Van Nuys Bldg. are taking bids for erecting new bldg. for Odd Fellows Lodge at Washington and Oak Sts. Dimensions, 104x172 ft., 3-story and basement, steel frame, brick walls, cast stone and stucco exter., comp. rfg., wood fls., marble and tile work, hardwood and pine trim; oak, pine and cem. fls., marble and tile work, hardwood and pine trim; oak, pine and cem. fls., steam htg., elevator. Bids are being taken separately on the general contract, plumbing, wiring, painting, heating and elevator.

SEATTLE, Wash. — Henry Bittman, architect and engineer, Securities Bldg., Seattle, completing plans for $1,000,000 lodge building to be erected for the Fraternal Order of Eagles, Seattle Lodge No. 7, at 7th Ave. and Union St.; 3-story and basement rein. conc. and steel, faced with terra cotta. In addition to club quarters, will contain library, dining room and auditorium, seating 3,000.

MODESTO, Stanislaus Co., Cal.—Puritan Development Co. of Modesto, recently incorporated and capitalized at $75,000, is having plans prepared for a two-story reinforced concrete and tile auditorium building, 86x200 ft., at Burney and Ash streets. Banquet room on first floor will be 86 by 130 ft. with special meeting rooms and kitchen. Second floor will contain convention hall, 86 by 10 ft., in addition to stage, dressing rooms, etc. Incorporators are: C. F. Salber, C. J. Sikes, Roy Morgan, C. W. Wherry and T. B. Townsend, all of Modesto.

HERMOSA BEACH, L. A. Co., Cal.—Archt. Myron Hunt, 1107 Hibernian bldg., L. A., is taking bids for erecting a 6-story club bldg. at Hermosa Beach for the Surf and Sand Club. Dimensions, 85x150 ft., reinf. conc. walls and frame, wood fls. and roof, pine trim, oak and pine fls., tiled baths, steam htg., elevators. Bids are being taken separately on the general contract, plumbing, elevators, heating and ventilating.

HOSPITALS

MARSHFIELD, Ore. — At a recent meeting of the Methodist Church Conference Hospital Committee, held in Eugene, Ore., it was voted to construct a $100,000 hospital in Marshfield. Rev. T. H. Temple of Marshfield, is secretary of the committee.

SACRAMENTO, Cal.—Until Dec 10, 10 A. M., new bids will be rec. by Harry W. Hall, county clerk, to fur. and install lighting fixtures in Service and Children's Ward and Infectious Ward buildings at county hospital grounds. R. A. Herold, Architect, Forum Bldg., Sacramento. Cert. check 10% payable to Chairman of Bd. of Supervisors req. with each bid. Plans obtainable from architect. Low bid for this work under last call was submitted by Thos. Day Co., 929½ K St., Sacramento, at $2017.

ALAMEDA Alameda Co., Cal.—Bonded Floor Co., 370 2nd St., San Francisco, at $1490 awarded contract by city council to furnish and lay linoleum in City Health Center building. Bid of D. N. & E. Walter, San Francisco, was not considered as company was unable to furnish material in required time.

TULARE, CALIFORNIA, Nov. 29, 1923.

CLARENCE SAND Pratt, President.
OF THE Pratt Building Material Co
DOUGLAS 300—"easy to remember."
AND PRODUCER of clean sand.
AND HARD crushed rock.
IS EXPECTED here.
TO ENJOY Thanksgiving dinner.
AND ALL the trimmings.
AND IF the girls.
WORE HALF as many trimmings.
ON THEIR dresses and etc.
THEY WOULD be arrested.
FOR BEING out of style.
THIS TOWN was selected.
SOME YEARS ago.
TO BE the birth place.
OF SANDY Pratt, the president
OF THE Pratt Rock & Gravel Co.
AND ALSO president.
OF THE Pratt Building Material Co.
SANDY'S SAND producing company.
AND WHILE Ohio.
PRODUCED MANY Presidents.
OF THE United States.
IT FELL to Tulare.
TO PRODUCE the only president.
OF THE above companies.
IT WAS a great day.
(FOR CLARENCE—now Sandy).
WHEN THE future sand producer.
ARRIVED IN Tulare.
AND NOW Tulare is celebrating.
BY HAVING Thanksgiving dinners.
SANDY'S BROTHER is.
A WELL-KNOWN lumberman.
WHO GIVES you a "pane."
EVERY TIME you buy a window.
IF YOU buy a door.
THERE IS always a "jamb."
HE WILL sell you knots.
AND STICKS.
WHILE SANDY screens them.
OUT OF his river sand
AT MARYSVILLE and Sacramento.
ONE DAY a neighbor.
WENT TO bed.
WITH THE "shingles."
THEY GAVE him a "shake."
AND HE was well.
SANDY WOULD "pine" away.
IF HE were a lumberman.
BUT SANDY'S brother.
WILL "SPRUCE" up at dinner.
BECAUSE REDWOOD (Red would).
AND HIS wife.
WEARS A (Douglas) fur.
AROUND HER neck.
"I THANK you."

Sandy Pratt, producer of sand, rock and gravel at Marysville, Prattrock (near Folsom), Sacramento and Prattco (Monterey County) used to be the champion food consumer down in Tulare where Sandy was born a few years ago.

TURLOCK, Stanislaus Co., Cal.—Rev. Paul Rood, pastor of Swedish Mission Church, announces the State Society of Swedish Mission Churches has selected Turlock as the site for a $25,000 old people's home. Early construction is contemplated.

Plans Being Figured—Bids Close Jan. 7, 10 a. m.
BUILDING Cost, $—
OAKLAND, Alameda Co., Cal. 14th Ave. and Vallecito Place.
Four-story reinforced concrete & terra cotta administration bldg. and plastering of present six 3-story units of hospital group .Administration Bldg. and Surgical Unit.
Owner—County of Alameda, Geo. E. Gross, County Clerk.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco, Calif.
Bids for the administration building will be for all work up to and including plastering. Interior work to be let later.
See call for bids under official proposal section in this issue.

HOTELS

Completing Plans—Figures To Be Taken Shortly.
HOTEL Cost, $250,000
PALO ALTO, Santa Clara Co., Cal. Corner Hamilton Ave. and Ramona Street.
Three-story reinforced concrete hotel with cement exterior and tile roof (150 rooms).
Owner—Company of Palo Alto Businessmen, A. B. Peterson, Pres. O. L.
Architect—W. H. Weeks, 369 Pine St., San Francisco, and Birdge Clark, 600 Embarcadero, Palo Alto, Associated.

Plans Being Prepared.
HOTEL BLDG. Cost, $200,000
SAN MATEO, San Mateo Co., Cal., 3rd Avenue.
Three or 4-story reinforced concrete hotel building.
Owner—B. Getz, Inc., San Francisco.
Architect—Morrow and Garren, Chronicle Bldg., San Francisco.

Segregated Figures Being Taken.
HOTEL ANNEX Cost, $45,000
SAN FRANCISCO, 589 Post St.
Five-story and basement class "B" hotel annex (40 rooms, stores on the ground floor).
Owner—H. P. Merritt, Knickerbocker Hotel, San Francisco.
Architect—Wm. F. Gunnison and Merritt, 57 Post St., San Francisco.
Contract Awarded.
HOTEL, ETC. Cost, $70,000
STOCKTON, San Joaquin Co., Cal. No. 210 N-California St.
Three-story brick and concrete store and hotel building.
Owner—L. Bascon.
Architect—None.
Contractor—Lewis & Green, 112 N-Hunter St., Stockton

ORANGE, Orange Co., Cal.—Arthur T. Hesse, 1117 Hollingsworth Bldg., has completed plans and has the contract at about $250,000 to erect a store and theatre bldg. and remodel a 3-story class C hotel and apartment bldg. at Orange for Guy Rickards and Roy Smith; there will be 7 stores and large restaurant, the theatre will have a seating capacity of about 1000 people, and the hotel and apartment bldg. will contain 11 single apts. and 45 rms. with 50 per cent baths. Brick walls, 1-sto. and part 3-sto., 164x236 ft., plaster exterior, tile and comp rfg., steam htg. sys., struc. steel, aut. elec. elevator, tiled baths, plate glass, tile and marble fls., pine and hardw. fls. and trim, vtg. sys., ornam. iron work, wall beds, cement fls., cafe, ball rm., metal skylights; there will also be a 1-story brick garage in the rear.

SANTA BARBARA, Santa Barbara Co., Cal.—J. Y. Parker, Santa Barbara, will start work shortly on the new El Hotel Presidio in the 600 block on State St. The project was originally organized as the Mission Tavern Hotel Co., but new interests have taken it over. Charles B. Hervey will lease the new bldg. The bldg. will follow old Spanish type of architecture, and will have two wings ith central court, and to fronts, one on Thompson St. and one on State St., running through the entire block. The dimensions are 180x 115 ft. There will be opprox. 217 rms. Reinf. conc. constr., hollow tile, brick and stucco; ornam. iron balconies, plate glass, etc. Cost will run over $500,000. The directors are: J. Y. Parker, E. J. Houghton, W. J. McCaffrey, F. A. Wright and Charles B. Hervey.

LOS ANGELES, Cal.—R. M. Schindler, 835 Kings Road, has prepared plans for a brick store and hotel building to be erected at Sunset Blvd. and Wilcor Ave. for James E Neville, 734 S. Gramercy Place. Dimensions, 62x153 ft., 2-story., 9 stores, 42 rooms, brick walls, pressed brick facing, plate glas, structural steel, composition roofing, metal skylights, pine trim, tiled baths, cement and wood floors, gas radiators, water heaters. Cost, $50,000.

WILMINGTON, Los Angeles Co., Cal.—The Harbor Constr. Co., San Pedro, has the contract for the excavation for erecting a six-story brick and steel hotel building at Fries Ave. and Anaheim St., Wilmington, for Breen Bros., owners of the Ambassador Hotel opposite the site.

PORTLAND, Ore.—Until Dec. 27, 11 a. m., bids will be rec. by U. S. Engineer Office, 216 New Montgomery Bldg., Portland, for furnishing stone for north jetty at entrance to Umpqua river, Ore. Further information on request to above office.

BROOKDALE, Santa Cruz Co., Cal.—Dr. F. K. Camp of Pasadena, is planning to erect a large hotel and 50 cottages on the site of the Old Brookdale Hotel. It is reported approx. $500,000 will be spent in making a modern resort.

LOS ANGELES, Cal.—Robert Millsap Marsh-Strong Bldg., has been awarded the contract at about $50,000 for three 63-room hotel bldg., to be erected on Stanford Ave., bet. 6th and 7th St., for E. Avery McCarthy, Noerenberg & Johnson, 401 L. A. Ry. Bldg., archts. Dimensions, 50x110 ft., brick walls, press. brick facing, comp. rfg., metal skylights, pine trim, gas htg., storage water htr.

LONG BEACH, Los Angeles Co., Cal.—Louis C. Simmel, 6th floor Markwell Bldg., Long Beach, represents an organization forming to erect a $250,000 eight-story, 50x70 ft. hotel building on a site leased for 99 years at First Pl. and Ocean Blvd., Long Beach. Reinforced concrete construction, brick and stone trim, 2 elevators.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., has completed plans for a 5-story class C hotel bldg. to be erected at n.w. cor. Columbia Ave. and Acacia St. for Mrs. Louise Chatt; it will contain 100 rms.; 100 per cent baths, 50x140 ft., 1st fl. reinf. conc. constr., brick walls, press. brick facing, comp. rfg., tile lobby, marble base, steam htg. sys., basement, elec. elevator, pine and hardw. fls., art stone and staff trim, tiled baths, metal skylights; $200,000.

ICE AND COLD STORAGE PLANTS

ROSEVILLE, Placer Co., Cal.—Ice plant of Pacific Fruit Express Co., S. P. Bldg., San Francisco, is being increased to 1250 tons a day in anticipation of a heavy fruit crop season in 1924. A new 50-car length platform is now under construction.

POWER PLANTS

REDWOOD CITY, San Mateo Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, plans to reconstruct lines and install additional transformers to take care of 30-h.p. demand of Plant Rubber Asbestos Co.'s plant east of Redwood City.

REDDING, Shasta Co., Cal.—City trustees plans municipal ownership of lighting system. City Manager E. A. Rolison of Redding will assist trustees in gathering data on proposal.

WELLTON, Ariz.—Until 10 A. M., Dec. 8, bids will be rec. by Gila Valley Power Dist., Yuma county, to const. portion of power works consisting of main transmission line, secondary transmission lines, telephones lines connecting with four telephone stations, transformer stations and combination sub-station and office and meter equipment for 33,000 volts. Spec. on file in office of the secretary of said dist. Cert. chk. 10%. Marie B. Hindman, Secretary.

LOS ANGELES, Cal.—General Elec. Co. submitted only bid to public service comm. Nov. 23 at $800 for regulator under Spec. P-156.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

LOS ANGELES, Cal. — Fairbanks-Morse & Co., 427 E. 3rd St., submitted low bid to public service comm. at $1375 for motor under Spec. 695-D. Other bids were: Coast Equipment Co., $1612; Ideal Elec. and Mfg. Co., $1550; Westinghouse Elec. and Mfg. Co., $1878 General Elec. Co., $2000.

PORTLAND, Ore. — According to word from Portland, representatives of the Washington Irrigation & Development Co., have perfected plans for a $100,000,000 hydro-electric plant at Priest Rapids on the Columbia River which includes the construction of a dam two miles long and 90 ft. high The application for the Army Engineer approval of the project has been referred to Col. W. J. Borden, district engineer in Seattle, by the Chief of the U. S. Army Engineer Corps at Washington. The dam, it is estimated, will cost $28,000,000. First unit, when completed, would develop 350,000 h. p. at total cost of $40,000,000 for dam, buildings and machinery and the completed project would develop 750,000 h. p. In connection with the project it is planned to construct an industrial city for 50,000 workers and their families to cost approx. $12,000,000.

SHASTA COUNTY, Cal.—Pelton Water Wheel Co., 18th and Harrison Sts., San Francisco, awarded cont. by Pacific Gas & Electric Co., for hydraulic equipment in connection with the Pit River Power Plant No. 3 in Shasta county. Contract includes three 33,000 h. p. turbines with valves, governors and all auxiliary equipment.

PASADENA, Cal.—Until 11 a. m., Dec 21, bids will be rec. by city clerk for steam lines, etc. for Municipal Light and Power Plant, as follows: (1) pipe and fittings for main high pressure steam lines; (2) pipe and fittings for boiler feed lines; (3) valves for main steam and boiler feed lines. Spec. etc. on file at office of the city clerk, Bessie Chamberlain. Cert. check 10%.

PUBLIC BUILDINGS

SACRAMENTO, Cal.—Councilman H. W. Funke has introduced ordinance to city council seeking appointment of an architect to prepare plans and specifications for the proposed municipal auditorium for which were voted. Under the ordinance it is proposed to create a Division of Architecture to be conducted in conjunction with the City Engineering Department and the architect chosen by the city council. While the ordinance provides that the city architect's work shall include supervision of all work on public buildings, the author declares its one purpose is to speed up plans for the auditorium building.

VENICE, Los Angeles Co., Cal.—D. D. Smith of Venice has been commissioned by city trustees to prepare tentative plans for the new municipal auditorium to be erected at a cost of $225,000. A site opposite Florence Ave. on the beach is favored as the location, because it is owned by the city.

STOCKTON, San Joaquin Co., Cal.—The following is a list of the firms who have applied for plans for the group of 7 concrete brick and wood buildings for the College of the Pacific. Davis-Heller-Pearce Co., Delta Bldg., Stockton, are the architects. Bids will be opened December 1, 1923 at 8 p. m. in the office of the architects.

General
Plumbing & Heating

J. H. Pinkerton, 927 Howard St., S. F.
Latourette-Fical Co., 907 Front St., Sacramento.
Hateley & Hateley, Mitau Bldg., Sacramento.
Luppen & Hawley, 906 7th St., Sacramento.
Turner Company, 272 Natoma St., San Francisco.
Lawson & Drucker, 450 Hayes St., San Francisco.
W. H. Picard, 5656 College Ave., Oakland.
Miller-Hays Company, 125 North California St., Stockton.
Stockton Plumbing Co., 327 East Miner Ave., Stockton.

Electrical Work

Watts Elec. Co., 384 4th St., S. F.
Spencer Electric Co., 320 12th St., Oakland.
Central Electric Co., 179 Minna St., San Francisco.
F. E. Newbery Electric Co., 381 Bush St San Francisco.
Radelfinger Bros. 142 4th St, San Francisco.
Butte Electrical Equipment Co., 530 Folsom St., San Francisco.
Commercial Electric Co., 311 East Market St., Stockton.
Hild Electric Mfg. Co., 517 East Market St., Stockton.
Mixer Electric Company, Lodi.
Latourette-Fical Co., 907 Front St, Sacramento.
Turner Company, 272 Natoma St., San Francisco.
Stockton Plumbing Supply Co., 327 East Minor, Stockton.
Miller-Hays Co., 125 N California St., Stockton.
Howard S. Williams, 314 Builders Exchange, San Francisco.
Reilly & Nemetz, 511 Call Bldg., San Francisco.
R. W. Moller, Call Bldg., San Francisco.
K. E. Parker Company, 519 California St., San Francisco.
Lindgren-Swinerton, Inc., Standard Oil Bldg., San Francisco.
Lawton & Vezey, 357 12th St., Oakland.
Herndon & Finnigan, 1814 17th St., San ramento.
F. H. Betz, 432 Ochsner Bldg., Sacramento.
Chas. S. Mabrey Co., Ochsner Bldg., Sacramento.
Mellin & Taylor, 330 North Calif. St., Stockton.
E. L. Fetters, 1088 North East St., Stockton.
H. E. Vickroy, 1122 North Commerce St., Stockton.
Shutes & Zinck, 146 North Calif. St., Stockton.
J. F. Shepherd, Yosemite Bldg., Stockton.
Edw. H. Riley, Wilhoit Bldg., Stockton.
Nicolsen, 336 West Lafayette Street, Stockton.
J. Eric Johansen, 1545 West Flora St., Stockton.
J. T. Lewis & Son, 245 South American St., Stockton.
Daniels & Nelson, Stockton.
Goulds & Johns, Stockton.

Heating

The Grinnell Co., San Francisco.

FRESNO, Fresno Co., Cal.—Following small fire in county courthouse, the County Grand Jury proposes to install fireproof filing cases in various offices. W. A. Collins, chairman of Grand Jury and D. M. Barnwell, county clerk.

SACRAMENTO, Cal.—Public Building Committee of Sacramento County Grand Jury will recommend the construction of a new county jail building or the complete remodeling of the present structure. Harry W. Hall is county clerk.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $12,535
SAN FRANCISCO. Lot 7 BLK 3190 Westwood Park.
One-story and basement frame residences.
Owner—Henry W. and M. B. Dickow, 1254 Plymouth Ave., S. F.
Architect—Chas. F. Strothoff, 1574 15th St., San Francisco.
Contractor—Hans Nelson, 1375 Plymouth Ave., San Francisco.

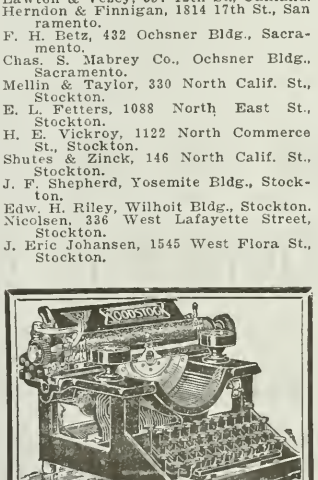
Contract To Be Awarded.
RESIDENCE Cost, $—
BERKELEY, Alameda Co., Cal. Kensington Park.
Two-story frame and stucco residence with fireproof roof (8 rooms).
Owner—Prof. J. H. Hilderand.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.
Louis O. Hansen, 1749 Grove St., Berkeley $15,400
A. Cederborg 15,735
E. Tranmal 16,838
E. Person 17,043
— Koski 17,400
Contract to be awarded to Mr. Hansen.

Contract Awarded.
RESIDENCE Cost, $16,800
BERKELEY, SW Santa Barbara Ave. and Northampton Rd.
Two-story 8-room frame residence.
Owner—Wm. Grant, 2820 Pacific Ave., San Francisco.
Architect — J. E. Norberg and B. S. Hayne, Balboa Bldg., San Francisco.
Contractor — Fowler Mallett, Acheson Bldg., Berkeley.

Plans Being Figured.
RESIDENCE Cost, $20,000
SAN FRANCISCO. Monterey Blvd., St. Francis Wood.
Two-story frame and plaster residence.
Owner—H. B. Holt of Bekin Van & Storage Company.
Architect—H. H. Gutterson, 278 Post St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $9000
BERKELEY, Alameda Co., Thousand Oaks Boulevard.
Two-story frame and stucco residence (T & G, basement garage).
Owner—Mrs. S. J. Sill.
Architect—John Hudson Thomas, 1st Natl. Bank Bldg., Berkeley.

KING'S ORIENTAL STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
430 Burnside St., Portland
1151-53 Mission St. San Francisco



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

Contract Awarded.
RESIDENCE Cost, $11,933
OAKLAND, Alameda Co., Cal. Arimo
Two-story frame and stucco residence and garage (tile roof).
Owner—Mary Broat.
Architect—C. W. McCall, Central Bank Bldg., Oakland.
Contractor—Alfred Peterson, 351 12th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $25,000
SAN FRANCISCO. St. Francis Wood.
Two-story and basement frame and stucco residence.
Owner—Garden Homes Co.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Contractor — Moore & Madsen, 77 O'Farrell St., San Francisco.

SANTA MONICA, L. A. Co., Cal. — Archt. Elmer Grey, 622 Bank of Italy Bldg., is preparing plans for a large fireproof residence, to be erected in the mountains north of Santa Monica on a large tract of land, for a local client. It will contain 37 rms., including 15 bedrooms, 12 baths, including 2 roman plunges, livingroom, library, consultation room, dining room, several diet kitchens, breakfast rm., main kitchen of a size and equipment to serve 40 to 50 people, ball rm., billiard rm., offices, laundry, gardeners cottage, garage and chauffeur's quarters; reinf. conc. construction, stucco exter., elec. lighting plant, refrigerating sys., clay tile and comp. rfg., hardwd. and pine trim and fls., tiled baths, steam htg. system.

SCHOOLS

Plans Being Prepared.
HALL BLDG. Cost, $300,000
BERKELEY, Alameda Co., University Campus.
Reinf. concrete and stone Women's Hall bldg. (Hearst Hall).
Owner—University of California, gift of Wm. R. Hearst.
Architect — Bernard Maybeck, Lick Bldg., S. F. and Miss Julia Morgan, Merchants Exchange Bldg., San Francisco.
Miss Morgan will design the interior.

Contract Awarded.
SCHOOL Cost, $42,000
ESPARTO, Yolo Co., Cal.
One-story reinforced concrete school.
Owner—Esparto Grammar School Dist.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.
Masonry and Carpentry awarded to Davison & Nicolsen, Mail Bldg., Stockton.
Plastering to Scollan Co., Sacramento.
Roofing to Allyn Burr, 11th and R Sts., Sacramento.
Painting to Conrad Schneider, 615 J St., Sacramento.

VENICE, L. A. Co., Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., have been commissioned to prepare plans and spec. for new bldgs. to be erected at Venice union high school site. They will include a manual arts bldg. to cost $40,000; boys' gymnasium to cost $65,000; a 12-room addition to the union high school bldg. to cost $70,000; and an addition to the heating plant to cost $15,000. Preliminary plans will be prepared at once.

RENO, Nevada—Luinecke Electric Co., 135 High St., Reno, at $866 submits low bid to Reno School District No. 10 to install electric lighting fixtures in Junior High School. Complete list of bids follows:
Nevada Machinery & Electric Co., 121 N-Virginia St., Reno, $920.
Reno Electrical Works, 22 West First St., Reno, $906.
Martinez Electric Co., 109 E-Second St., Reno, $882.
Shearer Electric & Auto Supply Co., 209 N-Virginia St., Reno, $970.
W. C. Gill, 214 Sierra St, Reno, $1064.
Geo. A. Ferris & Son, architects, Heidtman Bldg., Reno. All bids taken under advisement.

FRESNO, Fresno Co., Cal. Until Dec. 13, 5 P. M., bids will be cer. by L. L. Smith, Sect'y., Board of Education, 2525 Tuolumne St., to erect three or more portable bungalows. Cert. check 10% payable to President Bd. of Educ. req. **See call for bids under official proposal section in this issue.**

SACRAMENTO, Cal—Chas C. Hughes secy. Board of Education, instructed to advertise for bids for furnishing three or four standard portable school houses to be erected at Daly, Lafayette and Heaton schools.

FRESNO, Fresno Co., Cal. — Until Dec. 13, 5 p. m., bids will be rec. by L. L. Smith, secy. Board of Education, 2525 Tuolumne St., for fur. fencing for various schools. Cert. check 10% payable to Pres. Bd. of Educ. req. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Salih Bros., 505 Detwiler Bldg., were low bidders at $58,029 on the general contract for erecting a new bldg. at 14th St. school site. Low bidders on other contracts were: Ashworth & Gallop on plumbing at $5498; Newbery Electric Corp. on wiring at $2533; Frank Davidson on heating at $5680; Winvick Decorating Co., on painting at $1356.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is taking bids for erecting a convent and dormitory bldg. on Pico St. near Arlington St. for the Home of the Good Shepherd. It will contain a refectory, 3 dormitories, clinic, kitchen, vocational training rooms, library, classroom and recreational center. Reinf. conc. frame, brick walls, 53x203 ft., 4-story, press. brick and terra cotta facing, pine trim, cem. and maple fls., dumb waiter, steam htg. Bids are being taken separately on general contract, plumbing, wiring and heating.

SAN FRANCISCO — Reilly and Nemetz, 180 Jessie St., at $4060 awarded contract by Board of Public Works for general contract alterations to George Peabody school in 7th Ave., bet. California and Clement Sts.
Williams Radiator Co., Monadnock Bldg., at $877 awarded contract for gas heating and plumbing in connection with same project.

SAN FRANCISCO—Architect G. Albert Lansburgh, 140 Montgomery, commissioned by Board of Public Works to prepare plans and specifications for the proposed 24 classroom school building to be erected in Diamond St., bet. Jersey and 24th Streets.

Architect John Reid Jr., First National Bank Bldg., commissioned to prepare plans and specifications for 24-classroom school to be erected in block bounded by Haight and Waller, Masonic and Central Aves.
Architects Bakewell and Brown, 251 Kearny St., commissioned to prepare plans for 24-classroom school to be erected in block bounded by 17th and Ford, Sanchez and Noe streets.
Each of the above structures will cost between $200,000 and $300,000, according to the types of construction, yet to be determined.

LOS ANGELES, Cal.—The board of education has authorized its architectural department to prepare plans for a new bldg. to be erected at Mission Acres school site. It will contain 8 rooms, brick construction; $64,000. D. S. Reynolds was appointed heating engineer.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., has been commissioned by the board of education to prepare plans for a 12-unit addition to be built at Utah St. school. Two-story, brick and concrete construction, $84,000. E. L. Ellingwood was appointed heating engineer.

HANFORD, Kings Co., Cal.—Until Dec. 10, 8 p. m., bids will be rec. by G. W. Armstead, clerk, Hanford Joint Union High School District to fur. and install one portable moving picture machine. Cert. check or bond of 10% req. with each bid. Further information obtainable from clerk.

FOLSOM, Sacramento Co., Cal.—Until Dec. 8, 6 p. m., bids will be rec. by Wm. Cruickshank, clerk Granite School District, to erect lunch room at school building. Geo. C. Sellon & Co., architect, Mitau Bldg., Sacramento. Cert. check 10% payable to clerk req. with each bid. Plans obtainable from architect on deposit of $25, returnable.

PORTERVILLE, Tulare Co., Cal — Until Dec. 6, 7:30 P. M., bids will be rec. by John L. Templeton, Clerk, Porterville Union High School District, to install yard sprinkler system on high school grounds. Alternate bids will be considered for sprinklers, fittings and pipe cut to lengths and threaded delivered on the ground but not installed. Cert. check 5% req. with each bid. Plot plans obtainable from C. O. Premo, 206 Putman Ave., Porterville.

PORTLAND, Ore.—Until Dec. 5, bids will be rec. by Board of Education to erect two-story 310 by 100 ft. fireproof Glencoe school at East 51st and Belmont Sts.; est. cost $210,000. Bids wanted for general contract; heating and ventilating; plumbing and electric work. A. E. Doyle, architect. Worcester Bldg., Portland.

SANTA ROSA, Sonoma Co., Cal. — The Board of Trustees of the Santa Rosa High School District will call for bids in a few days for the heating, plumbing and electrical work for the new reinforced concrete and brick high school bldg. Hannah Bros., 142 Sansome St., S. F., have the general contract. W. H. Weeks, 369 Pine St., San Francisco, is the architect.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

LOS ANGELES, Cal.—Until 9 a. m., Dec. 12, bids will be received by the board of education for the following city school work:

For erecting a new bldg on Clenega school site, s.w. cor. of West Adams St and 30th Ave; Ross Montgomery, archt, $84,000. Separate bids on gen. contract, plumbing, wiring, heating and painting.

For erecting a fence at Alpine St. school site, s.e. cor. of Alpine St. and Centennial Ave.

For constructing a fence at Indiana Development school site, n.e. cor. of Indiana and Third Sts.

For constructing a sewer at John Burroughs junior high school site near Wilshire Blvd. and Highland Ave.

For installing electric wiring in the addition to Santa Monica Blvd. school, 5748 Santa Monica Blvd.

For constructing a covered colonade at Lorena St. school site, n.w. cor. of Atlantic and Lorena Sts.

For constructing a retaining wall & railing at Murchison St. school site, n.w. cor. of Murchison and St. Charles Streets.

For grading and installing a drainage system at Bandini St. school site, s.w. cor. of Bandini and Oliver Sts., San Pedro.

For constructing cement sidewalks at Van Ness Ave. school site, Van Ness Ave. near Maplewood Ave.

Plans and spec. for above work may be obtained at secy's. office, 730 Security Bldg.

SANTA MONICA, L. A. Co., Cal.—Until 8 p. m., Dec. 17, bids will be rec. by board of education of Santa Monica City school dist. for erecting an addition to the McKinley school; Allison & Allison, 1405 Hibernian Bldg., archts. It will contain 10 rms.; brick constr., plas. exter., clay tile rfg.; $80,000. Bids will be taken on segregated contracts.

BANKS, STORES & OFFICES

Plans Being Prepared.
RESTAURANT BLDG. Cost, $10,000
SAN MATEO, San Mateo Co., Cal., 3rd Avenue.
One-story and mez. reinforced concrete restaurant building.
Owner—B. Getz, Inc., San Francisco.
Lessee—Noah Williams.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, $12,000
SAN FRANCISCO, West Portal Ave.
One-story concrete store bldg.
Owner—B. Getz, Inc.
Architect—Morrow & Garren,Chronicle Bldg., San Franciscose.

Working Drawings Being Prepared.
STORE BLDG. Cost, $150,000
SAN MATEO, San Mateo Co., Cal., 3rd Avenue.
One-story and mez. floor reinforced concrete store building.
Owner—B. Getz, Inc., San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Contract Awarded.
STORES Cost, $12,000
SAN FRANCISCO, W Castro 50 S Market.
One-story frame (5) stores.
Owner—Bank of Italy, 550 Montgomery San Francisco.
Architect — H. A. Minton, Monadnock Bldg., San Francisco.
Contractor—J. Martinelli, 180 Jessie St., San Francisco.

Contract Awarded.
STORE Cost, $17,500
SAN FRANCISCO, N Folsom 105 W 4th
One-story reinforced concrete store.
Owner—M. C. Harrison, 28 Liedesdorff St., San Francisco.
Architect — Walter C. Faich, Hearst Bldg., San Francisco.
Concrete work to Pat Hurley, 180 Jessie Street.
Iron work to Michel & Pfeffer Iron Wks
Carpentry being donc by day's work.

Contract Awarded.
TICKET OFFICE Cost, $13,995
SAN FRANCISCO, 65 Geary St.
Cabinet work for ticket office.
Owner—Southern Pacific Co, S. P. Bldg.
Contractor—Ostlund & Johnson, 1901 Bryant, San Francisco.

Plans To Be Prepared.
REMODEL Cost, $—
SAN FRANCISCO, 255 Geary St. 24 by 135 ft.
Remodel for shoe store.
Owner—Frank Werner.
Architect—Ward & Blohme, 454 California St., San Francisco.

SAN FRANCISCO — The Purchasing Dept. of the Pacific Gas & Elec. Co., 445 Sutter is taking bids for smoke stack, tanks and for drilling a test well for the new class A office building to be erected on SE Market and Beale Sts. Bakewell & Brown, 251 Kearny St., are the architects. Bids will be opened December 3rd.

ORANGE, Cal.—See "Hotels," this issue.

SAN FRANCISCO—Lindgren-Swinerton Co., Inc., gen. contrs. Standard Oil Bldg., has awarded the following contracts in connection with the construction of a 6-story reinforced concrete store and office bldg. now being erected on W Sansome bet. Pine and California Sts. for C. T. Kieruff. Benj. G. McDougall and J. M. Haenke, architects.
Marble awarded to Musto Sons-Keenan Company.
Electrical work to Central Electrical Company.
Plumbing to Pinkerton.
Heating to Jas. A. Nelson.

LOS ANGELES, Cal. — Architects Walker & Eisen, 330 Pacific Finance Bldg., are preparing plans for a one-story brick bank and store building to be erected on Whittier Blxd., between Euclid Ave. and Lorena St. for the California Bank Dimensions, 90x84 ft., brick walls, face brick and terra cotta exterior, composition roofing, plate glass, steel beams, pine trim, cement floors, bank fixtures, vaults. Cost, $50,000.

LOS ANGELES, Cal—Archts Schultze & Weaver, Pac. Mutual Bldg., are preparing plans for a 12-story, class A store, office and studio bldg. to be erected on Hollywood Blvd near Cherokee St. for the Platt Music Co. It will be 60x145 ft. The 1st and 2nd fls. will be occupied by Platt Music Co. with 160 studios in the upper stories and an auditorium in the 12th story.

LOS ANGELES, Cal. — Preston S. Wright Co., 3981 W 6th St., has prepared preliminary plans and is promoting the erection of a 12-story class A store and office bldg. on W 7th St. near Westlake Park. Several locations are under consideration.

LOS ANGELES, Cal. — Archts. John Parkinson & Donald B. Parkinson, 420 Title Insurance Bldg., are preparing plans for a 12-story class A addition on Hill St. near 7th St. for Bullocks. Dimensions, 37x145 ft., steel frame, brick and concrete construction.

LOS ANGELES, Cal.—Architects Curlett & Beelman, 408 Union Bank Bldg., have been commissioned to prepare plans for a 12-story Class A mercantile building to be erected on Flower St. near 8th St. for Meyer Siegel Co. The site is 190x160 ft. The building will cost about $2,000,000.

THEATRES

Working Drawings Being Prepared.
THEATRE Cost, $115,000
SAN MATEO, San Mateo Co., Cal., 3rd Avenue.
One-story reinforced concrete class A theatre.
Owner—B. Getz, Inc., San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

ORANGE, Cal.—See "Hotels," this issue.

GLENDALE, Los Angeles Co., Cal.—Arthur G. Lindley and Chas. Selkirk, 800 American Bank Bldg., are taking bids for a Class A theatre building to be erected on the east side of Brand Blvd. near Wilson St., Glendale, for Dr. Jessie E. Russell and William McMillan. It will have a seating capacity of 210 people, and there will be shops and offices on the first and second floors. Reinforced concrete construction, pressed brick facing, terra cotta trim, steam heating, plate glass, basement cement, hardwood and tile floors, staff work, metal store fronts, mechanical ventilating system, composition roofing, hardwood and tile trim, ornamental iron, fireproof doors and windows. Cost, $150,000.

CULVER CITY, L. A. Co., Cal.—Melvill Hall and F. D. Sican, 4113 Washington Blvd., have the contr. at approx. $100,000 to erect a 2-story brick theater, store and office bldg. at s.e. cor. Washington Blvd. and Clarington Ave., for West Coast Theaters Co. Bldg. will contain auditorium seating 1200; 11 stores and 4 offices above. Conc. foundation; ruff. brick exter., gas rad. htg. Equipment will cost $75,000 additional not including pipe organ to be installed later. L. A. Smith, Third St. and Western Ave., Los Angeles, prepared the plans.

WHARVES AND DOCKS

OAKLAND, Cal. — Election will be held early in 1924 to vote bonds of $4,500,000 to finance harbor improvements. In addition to dredging, the work will include the construction of a solid fill pier approx. 6000 ft. in length and 900 ft. wide entirely surrounded by deep water and carrying railroad tracks, roads and warehouse facilities.

DURO
California Cedar Products Co.
All-Key Plaster Lath
(Patented)
100% Mechanical Key.
Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.
CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

ALAMEDA, Alameda Co., Cal.—Neptune Amusement Co., Webster St. and Encinal Ave., taking bids to construct amusement pier, 1500-ft. long, 30-ft. wide, resting on timber piles.

LOS ANGELES, Cal—Application has been made by the board of harbor Com. of the city of Los Angeles for permission to construct on the southeasterly side of the east basin channel, Los Angeles harbor, and about 300 ft. southwesterly of U. S. Harbor line station 406, seven 12-pile dolphins and two wharves 60 ft. wide along the channel and extending channelward 150 ft from the pierhead line. Map showing the location of the proposed work will be on exhibition in the U. S. Engr.'s office, 725 Central Bldg., Los Angeles, until 11 a. m., Friday, Nov. 30. Maj. E. D. Ardery, dist. engr.

SAN FRANCISCO — State Board of Harbor Commissioners, Ferry Bldg., has approved plans of Frank G. White, Chief Engineer of Commission, for substructure for Pier 50 to be located in China Basin section about midway between Piers 46 and 54. Est. cost of structure, $1,500,000. Plans provide for pier structure 386 ft. in width and 600 ft. in length with section of adjacent bulkhead wharf 60 ft. in width by 800 ft. in length. A width of approx 30 ft. on each side of pier is to be of timber construction on creosoted piles. Due to depth of water about 45 ft. of the outer end of pier is to be of reinforced concrete construction on reinforced concrete piles and the same construction to be used in the bulkhead wharf where the piles are to be driven through the seawall. The remainder of the pier is to be of reinforced concrete construction on concrete jacketed wooden piles. Plans also provide for two flush tracks on each side of the pier and three depressed tracks with driveway in the center. Two sheds are provided, 115 ft. in width.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans To Be Prepared.
EXCHANGE BLDG. Cost, $—
SAN FRANCISCO, NW Geary and 9th Avenue.
Class A telephone exchange bldg.
Owner — Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco.
Architect—Not decided.
It has not been decided whether plans plans will be prepared in the Engineers Office of the company or by an architect.

Plans Being Prepared.
BUILDINGS Cost, $25,000 each
BAY DISTRICT
30 to 40 automobile laundry buildings.
Owner—Central Finance Co.
Architect—Wm. F. Gunnison & H. P. Merritt, 57 Post St., S. F.
Two of these stations are now being completed, one on Market and Waller Sts. and the other on Geary and 1st ave.

GLENDALE, Los Angeles Co., Cal.—Until 7:30 P. M., Dec. 13, bids will be received by the Glendale high school district at principal's office in the present high school, for constructing bleachers, training quarters and for grading, leveling and other work at the new high school site at Broadway and Glendale Ave. Bid (1) bleachers and training quarters; bid (2) leveling, grading and incidental work; bid (3) sprinkler system. Plans and specifications on file at office of Architects J. C. Austin and F. M. Ashley, 1116 Detwiler Bldg., Los Angeles, Architect Geo. M. Lindsey, 327 Laughlin Bldg., Los Angeles, and at office of Harry V. Brown, Clerk, in principal's office; cert. or cash check or bid bond for 5%.

SONORA, Tuolumne Co., Cal.—A. T. Wood, Sonora, plans erection of a year-round resort on a 600-acre tract near Confidence, to be known as the Twain-Harte Lodge. Improvements will consist of a large hotel, dance pavilion, club house, swimming tank, etc. Others interested in the project are: J. M. Walthal, Modesto attorney; Frank Murphy and J. Barron of Stockton and Mr. and Mrs. A. T. Wood of Sonora.

LOS ANGELES, Cal.—C. D. Christie, owner of Christie Hotel, Hollywood, has secured a 99-year lease on a lot on north side of Hollywood Blvd. near Gower St. It is 70x150 ft. and the lease stipulates that a bldg. to cost not less than $90,000 must be started within six months.

LOS ANGELES, Cal.—Chester R. Hovey, 903 Monterey Rd. So. Pasadena was awarded contract by county supervisors Nov. 26, at $76,333, for erecting four nurses' home buildings at Los Angeles general hospital. Buildings will be two-story, 30x108 ft., 24 rooms each, frame construction, shingle roofs, connecting pergolas, pipe tunnels, steam heating from central plant.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-944—Riverside, Calif. Transfer and Storage Company desire to get in touch with MANUFACTURERS OF FURNITURE, as they desire to handle same in connection with their other business.

D-945—Duluth, Minn. Manufacturing concern anticipating the establishment of a branch in this city desires to get in touch with interested party to distribute and install WARM AIR FURNACES.

D-948—New York, N. Y. Manufacturers of two building specialties—a nailing concrete and a wood preservative—are seeking representative.

D-951—South Haven, Mich. Manufacturers of gray iron castings and finishings are interested in securing representation in this district.

D-954—Brooklyn, N. Y. Inventor of AUTO LOADING AND UNLOADING DEVICE desires to get in touch with interested parties to raise capital and put it on the market.

D-956—Portland, Ore. Party has large track of timber in Tillamook County for sale. Big opportunity. Further particulars on file with the domestic trate bureau.

D-957—Atascadero, Calif. Firm desires to get in touch with concern handling BUILDING TILE.

7676—Habana, Cuba. Party desires to secure exclusive representation of San Francisco manufacturers or business houses desirous of introduing or extending the sale of their goods in the Cuban market.

7677—Agana, Guam, M. I. Import-export house desires connections with San Francisco firms dealing in general merchandise.

7680—San Francisco, Calif. Gentleman with sixteen years foreign executive experience, having excellent recommendations from local banks and firms, and whose business was destroyed in the Japanese earthquake, is seeking a connection in San Francisco. Will develop a business for local firm with the Orient, making headquarters here, for purpose of traveling after line is learned or will act as permanent sales representative abroad.

7683—San Francisco, Calif. Gentleman in San Francisco desires to represent, on a commission basis, San Francisco manufacturers and producers in the Scandinavian, Holland and United Kingdom markets.

7684—San Francisco, Calif. British manufacturers of enameled sanitary fire clay products, high grade bricks, etc., desires to appoint an agent in San Francisco. Descriptive pamphlet on file.

7685—San Francisco, Calif. British manufacturer is desirous of finding a market in this territory for the sale of tarpaulins, canvas awnings, tents, etc.

7686—San Francisco, Calif. Gentleman with thorough knowledge of China and the Far East leave shortly for Shanghai, and will undertake to represent, on a commission basis, San Francisco producers and manufacturers.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Leads for Business

LEASES—Store 66 Taylor leased.
LUMBER—R. F. Pray and Mr. Brown (Lumbermen's Assn.) 1 Montgomery. California Retail Lumber's Assn. merging with Southern California Retail Lumbermen's Assn., 112 Market.
MEN'S FURNISHINGS—Piccadilly Ltd. (Phelan Bldg.) 529 Post.
MINING — Hamilton Beauchamp & Woodsworth, 419 Embarcadero to 564 Market.
New Sutherland Divide Mining Co. (Jos. Pheb) 557 Mills Bldg.
REAL ESTATE—De Laveaga Estate Co., 244 California to Matson Bldg.
RESTAURANTS—Minute Lunch, 4 29th. Anna Croor (Blue Lantern Tea Shoppe) 856 Bush.
STOCKS & BONDS—D. C. Aldridge, 321 Bush.
WOODWORKING—Reinhart Lumber & Planing Mill Co., 17th and Kansas to new plant Jerrold and Barneveld.
MISCELLANEOUS—Francis O. Gilbride 2253 Sutter.
AUTOMOTIVE—G. L. Hackett (shop) 2020 Van Ness Ave.
BEAUTY PARLORS — La Mae Beauty Parlor, 465 Geary.
CIGARS — Evan W. Jones, 2401 Fillmore.
J. H. Statts, 695 Sutter.
CLEANING AND DYING — Liberty Cleaning and Dyeing Works, branch, 125 Ellis.
FLOORING—Mission Hardwood Floor Co., 168 Andover.
FLORISTS—G. Bottini, 430 Bush.
HATS AND CAPS—National Hat Shop, 1985 Mission.
INSURANCE—De Lancey Lewis, Alexander Bldg.
INVESTMENTS—F. H. Crosby, 576 Sacramento to 405 Sansome.
MACHINERY — Crocker Wheeler Co., Atlas Bldg.
REAL ESTATE—L. H. Mooser and Mrs. Rose Bories (Guadalupe Realty Co.) 620 to 564 Market.
W. H. McCoy, 240 Montgomery.
Mrs. Hattie Pixley, 110 Sutter.
RESTAURANT — Original Coffee Parlor, 140 Maiden Lane.
SHOES—Frank Shoe Shop, 458 Geary.
WELDING APPARATUS — G. A. Gehlert, 309 Clementina.
MISCELLANEOUS—W. S. Russell, 260 California to 544 Market.
ATTORNEYS—Ben Blue, 870 Market to 315 Montgomery.
AUTOMOTIVE—Flood Garage, 261 Ellis
BEAUTY PARLORS—Marie's Beauty Shop, 311 Eddy.
CANDY—Mrs. G. Tietjen, 1655 Divisadero.
CLEANING & DYEING—Dandy Cleaners and Tailors Co., 7 Gough.
CREAMERIES—Morris Homaky, 2138 Mission.
ENGINEERS—R. E. Collom and C. H. Beal (Petroleum) 625 to 620 Market
FLORISTS—Acacia Flower Shop, 650 Fillmore.
GROCERS—Pieri & Martinelli, 576 Haight.
HARDWOOD FINISHERS—L. E. Wilson, 545 Octavia.
IMPORTERS—Dougall-Moylan Co., 22 Battery to Matson Bldg.
INSURANCE—National Auto Insurance Co., 1235 Van Ness Ave.
LADIES' APPAREL — Mission Waist Shop, 2254 Mission.
LAUNDRY—Exclusive French Laundry 466 Sutter.
MFRS. AGENTS — J. S. Anderson, 655 Montgomery.
MILLING—Natoma Rice Milling Co. (C. T. McNamara) to Marvin Bldg.
REAL ESTATE—Coast Land Co., 625 to 620 Market.
Ashbury Realty Co., 1740 Haight.
RESTAURANTS—Veterans' Cafe, 1608 Pacific Ave.
RUBBER—Samson Tire & Rubber Co., 635 2nd.
STENOGRAPHIC — Miss Sybil McGowan, 110 Sutter.
STUDIOS—Hazel Watrous and Ethel Denny (music) 408 Stockton.
TAILORS—Biltmore Ladies Tailor, 1803 Post.
MISCELLANEOUS — Sunshine Stores branch, 3325 Sacramento.
WANTED—Address of Hamilton Interior Decorating Co.
APARTMENTS—W. F. Gunnison, architect, preparing plans, $15,000. W. Broderick S Ellis.
AUTOMOTIVE—Central Finance Co., Phelan Bldg. to erect 40 auto washing buildings, cost $25,000 each.
J & J Battery Co., 1198 Hampshire.
BARBERS—New shop opening 66 Taylor.
BILLIARDS AND POOL—Manuel Petta 855 Montgomery.
CANDY — California Chocolates Co. factory to open 985-987 Howard. Elines will move office Matson Building to warehouse Davis and Sacramento.
CANNERIES—California Packing Corp planning $3,000,000 plant at Sacramento.
CHINESE MDSE. — Quong Drug Co., 537 Kearny.
CHURCHES—Geo. McCrea, 369 Pine, architect for R. C. Church to cost $60,000. S. W. Cortland Avenua and Ellsworth.
FURNITURE—Bedding Shop, 504 9th.
GRAIN TERMINAL—Eng. Frank G. White, Harbor Commissioners preparing plans for completion grain terminal, $325,000. Islais Creek.
HOTELS — Knickerbocker Hotel to build 5-story anney $45,000. 589 Post.
ICE CREAM—Benham Ice Cream Co., 1420 H St., Fresno, want equipment for new plant.
IMPORTERS—Baker & Hunt and L. G. Haven, 440 Geary to 58 Sutter.
LEASES—Store about 25 Jones.
Store 1024 Market.
MACHINERY—J. P. Keller and Machinery Sales Agency, 82 Natoma to 766 Folsom.
Tremoureaux Mach. & Eng. Co., 268 Market to 565 Howard.
PAINTS—J. A. Mohr & Son, 2216 Fillmore to occupy building to be erected E 11th 150 S Harrison.
RESTAURANT — Mr. Hess about 487 Pine.
SHOES—Frank Werner (874 Market) to open 255 Geary.
STAMP DEALERS—Edwin P. Soebohm 660 Market to Chronicle Bldg.
TAILORS—M. M. Smith (vests) Williams Bldg.
TELEPHONE EXCHANGE—Pac. Tel. & Tel. Company to erect N. W. Geary and 9th Ave.

ANNOUNCING
Our New Location
601-609 MISSION ST.
Corner of Second
C. F. WEBER & CO.
San Francisco

TRANSPORTATION — S. P. Company ticket office, 50 Post to 65 Geary soon
MISCELLANEOUS—F. M. Siener, 260 California.
ADVERTISING—Exchange Multigraph Shop, Insurance Exchange Bldg.
APPRAISERS—Geneva Cargo Surveying & Appraisal Co., Dollar Bldg.
ATTORNEYS—A. H. McConnell, Clunie Bldg.
AUCTIONEERS—Gallick Auction Co., 104 Golden Gate Ave.
AUTOMOTIVE—Pickwick Garage, 370 7th.
BAKERIES—Zimmer & Kuhn, branch 3228 Sacramento.
BEAUTY PARLORS—Chat Nois Beaute Shoppe, 2066 Sutter.
BILLIARDS AND POOL—Nat Brooks, 2011 Lombard to 2300 Greenwich.
BROKERS—H. J. Le Fort (bail) 21 Columbus Ave. to 948 Market.
CANDY—Elines will move office Matson Bldg. to warehouse Davis and Sacramento.
CIGARS—Chas. Lagerberg (186 Embarcadero) 2100 3rd.
CLEANING & DYEING—Korean Cleaning & Dyeing Co., 1465 Haight.
CLOAKS & SUITS—Stanford Cloak & Suit House, 660 Market to 222 Kearny
DRAYAGE—Apex Transfer Co., 117 Golden Gate Ave. to 154 Leavenworth
DRESSMAKERS—Miss Mimi Kerr, 833 Market.
DRUGS—Shumates Prescription Pharmacies, SW Cor. Eddy and Taylor.
FINANCE—San Francisco Finance Co. (Mr. Cully) auto paper about 1207 Van Ness Ave.
FIXTURES—California Store Fixture Co., 1081 Mission.
FOOD PRODUCTS—California Sea Food Distributing Co., 214 Front.
HOTELS — Knickerbocker Hotel to build 5-story annex, $45,000. 589 Post.
INVESTMENTS—Martin M. Hartmann, 220 Montgomery to Sharon Bldg.
LEASES—Store 1024 Market.
METAL SPINNING—E. H. Ferraris, 1819 Mason to 1220 Powell.
PRINTING—Palace Printing Co., 656 to 322 Market.
TAILORS—A. H. Bousquet, 726 Broadway.
TEA HOUSE—Magic Lantern, 856 Bush.
M. Laba, 1581 Ellis.
MISCELLANEOUS—Johnson Lieber Co., 215 Market.
E. A. Wilcox Co., Call Bldg.
LEASES—Nov. 26, 1923—David R Eisenbach and Sara Kahn Eisenbach to A C and H F Mauerban and M Lustig—N Howard bet. New Montgomery and 3rd Sts. No. 648 Howard St. 5 yrs $9000.
Nov. 2, 1923—A O Field to Shell Co. of California—Comg at pt of intersn of most S Lincoln Way & most E line 19th ave E alg most S Lincoln way 100 x E 75 5 yrs $150 per mo.
June 22, 1921—Hugh Keenan to Fred T Smith—1392 Haight st 5 yrs $50 per month.
Oct. 30, 1923—Martin Faure to Blanche Landry—N Broadway bet Stockton & Powell sts Nos 716 & 718 Broadway 17 mos $1190.
Nov. 10, 1923—Fred Gustavson to May McCullough—998 Sanchez St cor 23rd 3 yrs $50 per mo with option to tenant of 3 yrs more.
Nov. 20, 1923 — I Flatow to Ernest Forbes—2312 Sacramento st 3 yrs $80 per mo.
ASSIGNMENT OF LEASES — Nov. 21, 1923—Antonio Rinaldi to Agata Cosentine—63 leases 399 No 1050 Pacific Street.
Nov. 22, 1923—Carmine Morrone and Joe Armand to Agata Cosentino — 251 o r 268 No 1050 Pacific St.
Nov. 23, 1923—Ida M Theurer to Marie L Chabanoff— — o r — furniture etc 990 Geary St. Rex Arms Apts.
ADVERTISING — Acme Multigraphing Co. and Edwin-Louis Co., 660 Market to Williams Bldg.
ATTORNEYS—Geo. T. Kerr and Winfield D. Stark, 21 Columbus Avenue to Liberty Bank Bldg.

Official Proposals

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., **until 2 o'clock P. M., on December 24, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, of portions of State Highway as follows:

Tehama County, six reinforced concrete girder bridges across Mill Race, Salt Creek, Craig Creek, Salt Creek Overflow, Butler Slough and New Creek (II-Teh-3-D).

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. Morton,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: November 26, 1923.

NOTICE TO CONTRACTORS

(Alameda County (Highland) Hospital)

Office of the Clerk of the Board of Supervisors, Alameda County, California.

Sealed bids will be received by the Clerk of the Board of Supervisors of Alameda County at his office until **Monday, January 7, 1924, at 10 o'clock A. M.** (the day when said bids will be opened and the contract awarded), for the erection and partial completion of an Administration Building and Surgical Unit for Highland Hospital of Alameda County at Fourteenth avenue and Valleeito Place, Oakland, California. Also, certain plastering work in existing Ward Buildings and in Service Building and connecting corridors.

Plans and specifications for said work are on file in the office of the County Clerk in the Hall of Records Building in the City of Oakland, where copies may be obtained by depositing One Hundred ($100.00) Dollars with the County Clerk.

General Contractors will be restricted as to the length of time these plans and specifications may be retained to fifteen (15) days, Sub-Contractors will be restricted as to the length of time these plans and specifications may be retained to six days.

Contractors failing to return said plans and specifications within the time specified will forfeit their deposit to the County of Alameda.

Each bid must be accompanied by a check for at least ten per cent of the amount of the bid or proposal, certified to by some responsible bank and made payable to Geo. E. Gross, Clerk of the Board, to be forfeited to the County of Alameda as agreed and liquidated damages, should the party or parties to whom the contract shall be awarded fail to enter into the contract after the award or to give the bond required by the Board for the faithful performance of the Contract.

(SEAL) GEO. E. GROSS,
Clerk of the Board of Supervisors of the County of Alameda.

Dated: November 26, 1923.

> A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate:** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

(City of Fresno—Fencing)

Pursuant to an order of the Board of Education duly made and entered in its minutes this 8th day of November, 1923, Secretary is hereby authorized to advertise for and accept bids or proposals for the furnishing of fencing for the Fresno Public Schools as per specifications on file with the Secretary of the Board at 2525 Tuolumne street, Fresno, California.

Certified check, made payable to the President of the Board of Education in the amount of 10% of the amount of the bid must accompany each bid.

All bids to be sealed and delivered to the Secretary of the Board at 2525 Tuolumne street, Fresno, California, **before 5 o'clock P. M., on the 13th day of December, 1923.**

The Board reserves the right to reject any and all bids.

By order of the Board of Education.

L. L. SMITH, Secretary.

NOTICE TO BIDDERS

(Pipe—City of Corcoran)

Notice is hereby given that sealed bids will be received by the City Clerk of the Board of Trustees of the City of Corcoran, at the City Hall in the City of Corcoran, County and State above named **up to and until 8 P. M., December 3rd, 1923,** for the furnishing of the following material:

1100 ft. 8 in. Cast Iron Bell & Spigot Pipe Class "B."
1150 ft. 6 in. CastIron Bell & Spigot Pipe Class "B."
(This pipe to be in 16 ft. lenghts.)
1—8x8x4x4 Cross.
1—8x8x8x8 Cross.
2—8x8x4 Tees.
3—8 inch Caps.
1—6x6x6x6 Cross.
1—6x6x4x4 Cross.
5—6x6x4 Tees.
6—4 inch Caps.

All Tees and Crosses to have all Bell Ends.

All Bids must state f. o. b. Corcoran.

Each Bid must be accompanied by a certified or cashier's check in a sum of not less than 10 per cent of the amount of the bid, payable to the City of Corcoran as evidence of good faith on the part of the bidder.

The Board of Trustees reserves the right to reject any and all bids, or to accept the bid considered by them best for the said City of Corcoran.

Corcoran, California, November 20, 1923.

G. G. AMIRAUX,
Clerk of the City of Corcoran, County of Kings, State of California.

NOTICE TO BUILDING CONTRACTORS

(Fresno Board of Education—Bungalows)

Pursuant to an order of the Board of Education, duly made and entered in its minutes this 22nd day of November, 1923, secretary was authorized to advertise for and accept bids or proposals for the erection of three or more portable bungalows for the Fresno City School District.

Plans and specifications on file with L. L. Smith, Secretary of the Board of Education, 2525 Tuolumne street, Fresno, California.

Certified check, made payable to the president of the Board of Education in the amount of 10% of the amount of the bid must accompany each bid.

All bids to be sealed and delivered to the secretary of the Board at 2525 Tuolumne street, Fresno, California, **on or before 5 o'clock P. M., on the 13th day of December, 1923.**

Contractors in bidding must specify time required to complete the job.

The Board reserves the right to reject any and all bids.

By order of the Board of Education.

L. L. SMITH, Secretary.

BIDS BEING TAKEN FOR U. S. COURT HOUSE

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., Nov. 23, 1923.—SEALED PROPOSALS will be opend in this office at 3 P. M., Dec. 27, 1923, for the construction of the United States Post Office and Court House at Paris, Texas. The drawings contemplate a one-story and basement building approximately 109 by 88, brick and stone facing, fireproof except roof. Drawings and specifications may be obtained from the Custodian of the Post Office at Paris, Texas, or at this office, in the discretion of the Superising Architect. Jas. A. Wetmore, Acting Supervising Architect.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Land owners along Bear river east of Wheatland seek formation of irrigation district comprising 1632 acres in Yuba county and 2469 acres in Placer county, water to be taken from Bear River and its tributaries by means of dams and canals.

Engineering News Section

BRIDGES

SACRAMENTO, Cal.—No bids rec. by L. H. Smith, Purchasing Agent for California State Highway Commission, Forum Bldg., for fur. 950 40-ft. piles to be cut Feb. 1, 1924, and to be delivered between May and July, 1924, on bank of Klamath river above highway at bridge site about 2 mi. east of Requa.

TEHAMA COUNTY, Cal.—Until Dec. 24, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. six rein. conc. girder bridges in Tehama county over Mill Race, Salt Creek, Craig Creek, Salt Creek Overflow, Butler Slough and New Creek. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SACRAMENTO COUNTY, Cal.—War Department grants authority to Sacramento county supervisors to construct bascule type bridge over mouth of Steamboat Slough, connecting Grand and Sutter Islands, which permits the county to eliminate the present swing bridge below Courtland on the river road. The War Department has directed the removal of the old swing bridge by 1925. C. W. Deterding, Jr., is county engineer.

SAN RAFAEL, Marin Co., Cal.—Until Dec. 4, 2 p. m., bids will be rec. by Rob. E. Graham, county clerk, to remove bridge and install pipe culvert in Redwood Dr., Kentfield, Rd. Dist. No. 2. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans on file in office of clerk.

SAN RAFAEL, Marin Co., Cal.—Until Dec. 4, 2 p. m., bids will be rec. by Robt E. Graham, county clerk, to replank Walker Creek Bridge in Rd. Dist. No. 4. Cert. check 10% payable to Chairman of Board of Supervisors req. Plans on file in office of clerk.

MERCED, Merced Co., Cal. — Lisher and Carillo, Napa, awarded cont. by county supervisors to const. three rein. conc. bridges over Arena Canal on Arena Cressey rd., the Cressey Canal on Winton Way and Arena Canal over Arena Cressey Way, at $1542; 1300 and $1350 resp. Carlson Bros., at $4440 awarded cont. to const. rein. conc. bridge over San Joaquin and Kings River Canal and Irrigation Co. outer canal on Middle rd. Complete list of bids follow:

Bridge No. 119

Merced Concrete Pipe Co.	$1690
T. A. Wayne	1695
Louis W. Larson	2260
Carlson Brothers	1728
Lisher and Carillo	1542

Bridge No. 120

Merced Concrete Pipe Co.	$1500
T. A. Wayne	1918
Carlson Brothers	1276
Lisher and Carrillo	1300

Bridge No. 121

Merced Concrete Pipe Co.	$1675
T. A. Wayne	1640
Louis W. Larson	1989
Carlson Brothers	1536
Lisher and Carrillo	1350

Bridge No. 122

Merced Concrete Pipe Co.	$6750
Carlson Brothers	4440
Lisher and Carrillo	4656
Roy Kruger	4720
Jenkins and Elton	5768

SALEM, Ore.—State Highway Commission orders plans prepared for highest highway bridge in Oregon to span Crooked River Canyon in Jefferson county on the line of the Dalles-California highway; will be 325 ft. above surface of water; est. cost $120,000.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LONG BEACH, Cal.—Application has been made by the city of Long Beach for permission to fill Channel No. 1 and the northeasterly portion of the turning basin and to dredge to a depth of 32 ft. at mean lower low water an area northerly of the turning basin as a substitute approach to Channel No. 2, and also to dredge to the same depth the turning hasin, and Channel No. 2 and No. 3, Long Beach Harbor, Calif. Map showing location of proposed work on exhibition in office of the U. S. Engr., 725 Central Bldg., L. A. E. D. Ardery, Major, Corps of Engrs., Dist Engr.

LONG BEACH, Cal. — Specifications will be prepared for additional dredging contracts in Long Beach harbor channels. The work can not proceed until the federal government has approved changes in the harbor lines as proposed by the Pacific Coast Steel Company's engineers. The application for this permit, signed by the steel company, the city and the Los Angeles Dock and Terminal Company still title holders to the property, has gone forward to Washington through Major Ardery, district engineer for the war department.

SAN FRANCISCO—Among early improvements planned by State Board of Harbor Commissioners is extension of seawall south of present grain terminal, a distance of 1000 ft. to reclaim 25 acres of land to cost $800,000. Frank G. White, ch. eng. for Harbor Commission, Ferry Bldg., San Francisco.

PORTLAND, Ore. — Until Dec. 17, 10:30 a. m., bids will be rec. by Multnomah county commissioners to const. bulkhead on south side of Powell Valley Rd. at Gresham, involv. 1240 lin. ft. Douglas fir piles, creosoted 12 lb. treatment, 16-in. butts; 10 1-in. by 20-ft. tie rods, including nuts, washers, excavation, etc.; 11,500 ft. B. M. Douglas fir, No. 1 common, 6x12 creosoted 12 lb. treatment, including all spikes, necessary excavation, etc.; 9370 lin. ft. cedar piles, 16-in. butts; 9370 lin. ft. Douglas fir piles, 16-in. butts, 12 lb. creosote treatment. Bulkhead to be built of the following: Items No. 1, 3 and 4, or alternate 2, 3 and 4 or alternate 5 or alternate 6. Plans obtainable from office of county roadmaster, 504 courthouse.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

SACRAMENTO, Cal—City council rejects bids to const. current retards in Sacramento river south of city due to lateness of season which would make completion at this time impossible. Albert Givan, city engineer.

IRRIGATION PROJECTS

MADERA, Madera Co., Cal. —State Engineer W. F. McClure has approved the petition for the San Joaquin River Water Storage District, comprising approx. 552,000 acres of land in Madera and adjacent counties. Construction work planned in the district and for which bonds will be voted will cast approx. $32,000,000 and will comprise irrigation, reclamation and drainage projects. Four reservoirs will be built two on Fresno river, one each on Chowchilla and San Joaquin river.

MARYSVILLE, Yuba Co., Cal.—Land oners along Bear River east of Wheatland plan formation of irrigation district comprising 1,632 acres in Yuba county and 2,469 acres in Placer county; water to be taken from Bear river and its tributaries by means of dams and canals. Petitions are now being signed. The following names attached to the petition are said to represent two-thirds of the land involved: E. Clemens Horst Co., by E. Clemens Horst; Camp Far West Orchards by John A. Livingston; Jonathan H. Durst, Ralph H. Durst and Max Wolf.

LIGHTING SYSTEMS

ARCATA, Humboldt Co., Cal.—City trustees have approved specifications for lighting the plaza and business streets surrounding the square; G St. from 7th to 11th; H St., bet. H and 11th and 9th and 10th Sts.

ORANGE, Cal. — Walker & Martin, Fullerton, awarded contr. by city trustees at $2700 to install ornam. lighting system on N Cambridge St.

RED BLUFF, Tehama Co., Cal. — Chamber of Commerce will confer with city council regarding installation of modern electrolier system in business section.

SUISUN, Solano Co., Cal.—Suisun Community Club will confer with city trustees regarding installation of street lighting system. It is proposed to vote bonds to finance the work.

MACHINERY & EQUIPMENT

MERCED, Merced Co., Cal.—County supervisors, P. J. Thornton, clerk, will purchase two tractors equipped with dump bodies for use in Supervisorial District No. 4. W. E. Bedesen, county surveyor.

SAN FRANCISCO — State Board of Harbor Commissioners, Ferry Bldg., has $33,000 available with which to purchase new switching locomotive for Belt R. R. Line. Frank G. White, ch. eng. for comm.

LOS ANGELES, Cal.—Until 2:30 p. m. Dec. 21, bids will be rec. by harbor comm., 312 Byrne Bldg., for one yard clam shell bucket. Spec. 554. Guy H. Wade, secretary.

KETCHIKAN, Alaska.—See "Government Work and Supplies," this issue. Bids wanted for air compressors, etc.

RAILROADS

SACRAMENTO, Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, operating street car system, plans $25,000 expenditure to improve right-of-way in T St. bet. 3rd and 9th Sts., also portions of T St., which will require rebuilding of railway tracks. E. W. Florence, Sacramento manager of company.

SAN FRANCISCO — State Harbor Commission, Ferry Bldg., has funds available to recondition and extend Belt Railroad tracks; est. cost $50,000. Frank G. White, ch. eng. for commission.

SAN FRANCISCO—State Bd. of Harbor Commissioners, Ferry Bldg., has $33,000 available with which to purchase new switching locomotive for Belt R.R. line. Frank G. White, ch. eng. for comm.

EUREKA, Humboldt Co., Cal.—Due to error in advertisement for bids, new bids will be askcd by city council at once for furnishing and delivering steel rails for Municipal Railway system. John W. Griffiths, city sup't. of public works.

FIRE EQUIPMENT

STOCKTON, San Joaquin Co., Cal. — American La France Co., on a lease basis, awarded cont. by city council to furnish motor fire apparatus at $44,-950 to be paid as follows: $5950 within five days after receipt of equipment; $13,000 two years after date and a final payment of $13,000 three years after date with privilege of paying all at any time with no interest charged or cash discount.

PIPE LINES, WELLS, ETC.

SAN BERNARDINO, Cal.—Until 7:30 P. M., Dec. 6, bids will be rec. by Board of Water Commissioners for 6000 ft. 4-in. and 5000 ft. of 3-in. standard wrought steel screw pipe. Spec. on file at office of the water supt. Cert. chk. or bond, 10%. John Osborn, City Clk.

SAN FRANCISCO — Purchasing Department, Pacific Gas and Electric Co., 445 Sutter St., taking bids to drill well for new office building water supply at Market and Beale Sts.

VERNON, Cal.—Until 11 A. M., Dec. 4, bids will be rec. by city trustees for Class D cast iron water pipe as follows: 300 ft. 20-in., 7296 ft. 16-in., 15,-672 ft. 14-in., 16,884 ft. 13-in., 2832 ft. 10-in., 908 ft. 8-in., 1200 ft. 6-in. pipe; 50 tons 8-in. to 20-in. Class D fittings. T. J. Furlong, city clk. Howard McCurdy, F. E. Bldg., Los Angeles, city engr. Bids received Nov. 6th, rejected.

HUNTINGTON PARK, Cal.—Pac. Pipe & Supply Co., 1002 S. Santa Fe Ave., Los Angeles, awarded contr. by city trustees at $58.90 per ton for 6-in. c. i. water pipe and at $62.90 for 4-in. pipe. Class B.

CORCORAN, Kings Co., Cal.—Until Dec 3, 8 P. M., bids will be rec. by G. G. Amiraux, city clerk, for fur. and del. 1100 ft. 8-in. and 1150 ft. 6-in. C. I. Bell and Spigot Pipe Class B, in 15 ft. lengths, also 1 8x8x4x4 cross; 1 8x8x8x8 cross; 2 8x8x4 tee; 3 8-in. caps; 1 6x6x 6x6 cross; 1 6x6x4x4 cross; 5 6x6x4 tees; 6 4-in. caps. Tees and crosses to have bell ends. Bids to be f. o. b. corcoran. Cert. check 10% payable to city req. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Until 3 P. M., Dec. 4, bids will be rec. by public service comm., 207 S. Broadway, for black galv. pipe fittings. Spec. P. A. Adv. No. W-165. Jas. P. Vroman, Secy.

SEWAGE DISPOSAL PLANTS

LOS ANGELES, Cal. — Pneumatic Concrete Machinery Co. submitted only bid to Bd. Pub. Wks. at (1) pneumatic sewage ejector system complete, f. oo b. cars, Hyperion, $18,879; (2) pneumatic sewage ejector system installed complete, $19,379. Bid of the Dorr Co., Inc., irregular.

MARTINEZ, Contra Costa Co., Cal.—Mt. View Sanitary District has purchased site on which it will construct septic tank.

MISCELLANEOUS CONSTRUCTION

STOCKTON, San Joaquin Co., Cal.—City Eng. W. B. Hogan has completed preliminary surveys for crossing under the railroad tracks at East Miner Ave., beginning at Aurora St. and ending at a point bet. Union and Pilgrim Sts.; est. cost, $287,000. A hearing regarding its construction will be held before the State Railroad Commission on or before Dec. 11.

SAN FRANCISCO—Southern Pacific Co., S. P. Bldg., has let contract to Todd Drydock & Construction Co. of Tacoma, Wash., at approx. $2,000,000 to const passenger steamship for S. P. Atlantic fleet. Will have displacement of 11,000 tons and fitted turbine engines, the shaft horsepower to be 6000. Will be 445 ft. long with beam of 57 ft. depth to hurricare deck 37 ft. 6 in.

SAN FRANCISCO — Matson Navigation Co., 120 Market St., will shortly authorize construction of a $6,000,000 ocean liner for passenger travel between San Francisco and Hawaiian Islands.

LOS ANGELES, Cal.—City Engineer John A. Griffin has advocated the construction of a municipal incinerator costing $200,000. The recommendation was made to the board of public works in a report recently submitted regarding activities of the city engineer's office.

LOS ANGELES, Cal.—J. A. Hill, 1749 W. 23rd St., awarded contr. by council at $5849 to install ventilating shafts in the new Second St. Tunnel.

SAN MATEO, San Mateo Co., Cal.—Burlingame-San Mateo Exchange Club backs movement seeking construction of tunnel under San Morena mountains to connect San Mateo with Half Moon Bay; est. cost, $750,000.

LOS ANGELES, Cal.—Business Men's Co-operative Assn., the Los Angeles Traffic Commission and the Automobile Club have endorsed a project to build a $1,000,000 tunnel through Fourth St. hill, bet. Hill and Figueroa Streets.

WATER WORKS

BERKELEY, Alameda Co., Cal.—City of Berkeley will enter into contract with East Bay Water Co. to install additional mains for fire protection, the city to pay 8% a year on the cost of installation as interest on the investment, up-keep and depreciation. The cost will run in the neighborhood of $405,000 and approx. $437,000 if additional mains are installed in the factory district, Thousand Oaks and Claremont sections.

SEATTLE, Wash.—Until Dec. 14, bids will be rec. by Ed. Pub. Wks. to const. intake at Lake Youngs, an outlet conduit, controlling works and three steel pipe lines in connection with city water project. Total est. cost, $1,500,000. The outlet conduit will require the driving of a 10,000 ft. tunnel 8 ft. in diameter through "hard pan." Two of the three pipe lines that will connect the controlling works with the existing pipe lines will be 48 and 60 in. in dia. and 1900 ft. long. The third line will be 66 in. in dia. and 7900 ft. in length.

SAN FRANCISCO—Chicago Bridgs & Iron Works, Rialto Bldg., at $6500 awarded contr. by National Ice Cream Co. to erect at 371 Guerrero St. one 50,000-gal. hemispherical bottom steel tank on 108-ft. tower.

EL SEGUNDO, Cal.—Until 8 P. M., Dec. 11, bids will be rec. by city clerk for trenching, backfilling and laying 2000 ft. 10-in., 7460 ft. 8-in. 7250 ft. 6-in. 11,500 ft. 4-in. B. & S. cast iron pipe and 2000 ft. 2-in. standard screw pipe. Olmsted & Gillelen, 1112 Hollingsworth Bldg., Los Angeles, consulting engrs. Spec. on deposit of $2.50. Cert. chk. or bond, 10%. Victor D. McCarthy, city clerk.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 **San Francisco**

DURHAM, Butte Co., Cal.—Sterling Iron Works, Stockton, at $650 awarded contract by Durham Union High School District to install centrifugal type of pump that will deliver not less than 3000 gals. per hour under a pressure of not less than 25 lbs. the bid to include a 1000-gal. pressure tank tested under 150 lbs. pressure gauge, all necessary valves, couplings and pipe, included, a 3-phase motor of sufficient h. p. to operate the system, a high and low voltage release, automatic switch, etc. Complete list bids follows:

Sterling Iron Works, Stockton (a) $650; (b) $609; Byron Jackson Pump Mfg. Co., San Francisco, $797; The Nichols Hardware Co., Chico, $801.50; Miller Hardware Co., Chico, (a) $775.55 (b) $878.51; (c) $676; N. C. Jessee, Chico, $662; George N. Westwood, Oroville, (a) $760; (b) $790; E. H. Meyer, Gridley, $730; Simonds Machinery Co., San Francisco, $827.

EL GROVE, Sacramento Co., Cal.—L. C. Kimball & Co., Elk Grove, at $1784 awarded cont. by Elk Grove Union High School District to fur. and install deep well pump and pressure tank at high school. Other bids: Krogh Pump & Mach. Co., San Francisco, $2200; Calif. Mech. & Elec. Eng. Co., Sacramento, $2110.

CALEXICO, Cal.—City trustees will submit to voters within the next few weeks a bond issue for $40,000 to rebuild filter at municipal water plant.

SANTA MONICA, Cal.—Election will be held Dec. 4 to vote $1,000,000 bond issue for additions and extensions to water system. A survey has been completed by Olmsted & Gillelen, consulting engrs., Hollingsworth Bldg., Los Angeles.

NAPA, Napa Co., Cal.—Bids will be asked shortly by city council, H. H. Thompson, clerk, for laying approx. 25,000 ft. 14-in. pipe through which water will be delivered to consumers of Milliken Canyon municipal water project. A Kempkey, consulting engineer, Hobart Bldg., San Francisco.

MONTECITO, Cal.—Until 10 A. M., Dec. 11, bids will be rec. by Montecito County Water Dist. Valley Rd., Montecito, for excav. far laying and backfilling over cast iron water mains, fittings, etc., and install fire hydrants, for the above district, in the following approx quantities: 15,976 ft. 12-in. pipe; 4550 ft. 10. in pipe; 21,000 ft. 8-in. pipe; 20.150 ft. 6-in. pipe; 175 4-in. fire hydrants. Spec. obtainable from office of District, Valley Road, Montecito, or from Leeds & Barnard, consulting engrs., 705 Central Bldg., Los Angeles.

GLENDALE, Cal.—Until 7 p. m., Dec. 6, bids will be rec. by council for 2 deep well pumps for direct connection to electric motor, capable of pumping 2400 gals. per min. out of an 18-in. well against a 70-ft. total lift; also one 2000-gal.| pump for direct connection to electric motor capable of pumping 2400 gals. per min. out of an 18-in. well against a 70-ft. total lift. Cert chk 10%. A. J. Van Wie, city clerk.

LOS ANGELES, Cal.—Until 3 p. m., Dec. 7, bids will be rec. by public service comm., 207 S Broadway for bronze water connections. Spec. under P. A. Adv. No. W-167. Jas. P. Vroman, secy.

GLENDALE, Cal.—Until 7 p. m., Dec. 6, bids will be rec. by council for del. f. o. b. cars Glendale one 100,000-gal. redwood water storage tank, with necessary hoops, etc. Bidders to furnish spec. and plan. Cert. check 10%. A. J. Van Wie, city clerk.

PLAYGROUNDS AND PARKS

PORTERVILLE, Tulare Co., Cal. — Until Dec. 6, 7:30 p. m., bids will be rec. by John L. Templeton, clerk, Porterville Union High School District, to install yard sprinkler system on high school grounds. Alternate bids will be considered for sprinklers, fittings and pipe cut to lengths and threaded delivered on the ground but not installed. Cert. check 5% req. with each bid. Plot plans obtainable from C. O. Premo, 206 Putnam Ave., Porterville.

SAN MATEO CO., Cal. — Standard Fence Co., 432 Bryant St., San Francisco, at $.22 submits low bid to Joint Highway District No. 1 of State of Calif., H. A. Mason, secy., City Hall, San Francisco, to fence Skyline Blvd. from Sneath road to Half Moon Bay rd. a distance of approx 18-mi. L. J. Cohn at $.31 only other bidder. Taken under advisement.

SAN JOSE, Santa Clara Co., Cal. — County supervisors purchase 360 acres of land in vicinity of Soda Rock on Stevens Creek road, in foothill canyon, 12 mi. southwest of San Jose for county park site.

FRESNO, Fresno Co., Cal.—Until Dec. 13, 5 P. M., bids will be rec. by L. L. Smith, Sect'y., Board of Education, 2525 Tuolumne St., Fresno, for fur. fencing for schools. Cert. check 10% payable to Pres Bd. of Education req. **See call for bids under official proposal section in this issue.**

RICHMOND, Contra Costa Co., Cal.—City Eng. H. D. Chapman estimates cost of grading, constructing paths, etc., at Nicholl Park, as follows: Plowing, $153; harrowing, $135; temporary fence, $129.80; permanent fence, $1,534; paths, $8,100; liners for paths, $420. Total cost, $10,360.

SEWERS & STREET WORK

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg., submitted low bid to Bd. Pub. Wks. to imp. Exposition Blvd., bet. Western Ave. and Gramercy Pl., involv. grading at $1867 (lump sum); 37,341 sq. ft. asph. paving 26c ft.; 210 sq. ft. bitum. base paving 12c ft.; 1346 ft. curb 60c ft.; 2703 sq. ft. gutter 26c ft.; 60 ft. hse. sewers $1.50 ft.

Geo. J. Bock, 1250 S Gramercy Pl., low bidder to imp. 23rd St., bet. 12th and Bronson Aves., involv. grading at $1100 (lump sum); 11,493 sq. ft. oil and roll 7c ft.; 486 ft. curb 75c ft.; 2443 sq. ft. walk 22c ft.; 1127 sq. ft. gutter 30c ft.

Geo. J. Bock low bidder to imp. Park Dr., bet. Morton Ave. and 482 ft. north, involv. 22,160 sq. ft. conc. paving 26c ft.; 2191 ft. curb 72c ft.

E. P. Ferry, 828 S Maryland Ave., Glendale low bidder to imp. Walton Ave., bet. Washington St. and 825 ft. north, involving grading at $350; 825 ft. curb 60c ft.; 16,501 sq. ft. oil and rill 7.5c ft.; 1650 sq. ft. conc. gutter 35c foot.

E. P. Ferry low bidder to imp. Pomona St., bet. Sierra St. and Lincoln Ave., involv. grading at $550 (lump sum); 2667 sq. ft. oil and roll 8.5c ft.; 628 ft. curb 65c ft.; 3079 sq. ft. walk 23c ft.; 1408 sq. ft. gutter 34c ft.

SAN RAFAEL, Marin Co., Cal.—County supervisors will appropriate $25,000 to widen Willow Camp or Stinson Beach grade from Big Lagoon to Stinson Beach.

SAN RAFAEL, Marin Co., Cal.—County Surveyor instructed to prepare estimate of cost to imp. toll road.

SAN FRANCISCO — A. J. Raisch, 46 Kearny St., at $4592.80 awarded cont. by Bd. Pub. Works to imp. Landers St., bet. 15th and 16th Sts., involv. 520 lin. ft. conc. curb; 395 lin. ft. conc. wheel guard; 10,425 sq. ft. asph. conc. pavement and 2680 sq. ft. art. stone walks.

Municipal Constr. Co., 112 Lyon St., at $4647.85 awarded cont. to imp. Avalon St., bet. Mission and Lisbon, involv. 3004 cu. yds. cut; 2472 cu. yds. fill; 453 lin. ft. 8-in. and 501 lin. ft. 12-in. sewer; 16 8-in. and 9 12-in. wye branches; 134 lin. ft. 10-in. culverts; 4 br. n.anholes and 5 br. catchbasins.

CALIFORNIA—State Highway Engineer R. M. Morton instructed to prepare spec. for following units of highway system:

Widen and thicken unit in Los Angeles county bet. Sherman Blvd. and Russell ranch, for distance of 11.65 mi.

Widen and thicken unit in Ventura county from south boundary to Camarillo, distance of 16 miles.

Work will consist of widening the highway to 20 ft. by laying second cem. conc. pavement, 5 or 6 in. thick on top of old 15-ft. slab.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares inten. to imp. Moroa Ave., bet. Weldon and pt. 135.2 ft. north of Terrace Ave. and Vassar Ave., bet. Moroa and College Ave., invol. grade; const. conc. curbs and gutters; cem. conc. walks; corru. metal culverts with manholes; pave with 3½-in. asph. conc base with 1½-in. asph. conc. surface with liquid coat of asph. and rock screening surface. 1911 Act. Protests Dec. 13. Wm. Stranahan, city eng.

LOS ANGELES COUNTY, Cal. — As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Dec. 10, 2 p. m. to grade 10.4 mi. in Los Angeles county bet. Quail Lake and Northerly boundary. Project involv. 40,000 cu. yds. roadway without classificatin; 4000 sta. yds. overhaul; 1000 cu. yds. excavation without classification; 500 cu. yds. class "A" Port. cem. conc. (culverts); 12 lin. ft. 12-in., 850 lin. ft. 18-in., and 282 lin. ft. 24-in. corrugated metal pipe. Commission will furnish corrugated metal pipe. R. M. Morton, state highway eng.

SAN RAFAEL, Marin Co., Cal.—Until Dec. 4, 2 p. m., bids will be rec. by Rob E. Graham, county clerk, to scarify, shape and surface with rock or gravel a portion of county rd. leading from Fairfax to Olema from Station 53 plus 50 Manor to White Hill Survey to the summit of Whites Hill in Rd. Dist. 2. Cert. check 10% payable to Chairman of Board of Sups. req. Plans on file in office of clerk.

SAN BRUNO, San Mateo Co., Cal.—Until Dec. 12, 8 p. m. bids will be rec. by Nettie A. Willits, city clerk, to imp. portions of Elm, Acacia, Cypress, Hazel, Clark, Crystal Springs Aves., Involv. grade; const. comb. cem. conc. curbs, gutters and walks; pave with asph. conc. base with Warrenite-Bit. wearing surface; steel reinforced cem. conc. storm water conduit; 8 and 6-in. ironstone pipe sanitary sewers; 4-in. vit. lateral side sewers; vit. pipe storm sewers, etc. 1911 Act & Bond Act. Cert. check 10% payable to city req. Geo. A. Kneese, city eng.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to imp. Naomi Ave., bet. 32nd St. and 38th St., involv. grading (lump sum); 1399 sq. ft. conc. paving; 61,983 sq. ft. oil and roll; 3275 ft. curb; 15,639 sq. ft. walk; 7194 sq. ft. conc. gutter; wire as follows:

Geo. J. Bock—$640 grading, 32c paving, 7c oiling, 70c curb, 21c walk; 26c gutter.

Baker & Kinsman—$998 grading; 32c paving; 6.5c oiling; 65c curb; 21c walk 34c gutter.

E. P. Ferry—$530 grading, 25c paving, 6.5c oiling, 60c curb, 22c walk, 32c gutter.

Wm. Liddington—$900 grading, 28c paving, 6.8c oiling, 19c walk, 64c curb; 29.8c gutter.

O. U. Miracle—$850 grading, 30c paving, 8c oiling, 70c curb, 24c walk, 37c gutter.

Joe Mullarkey—$1200 grading, 30c paving, 7c oiling, 65c curb, 21c walk, 30c gutter.

C. W. Shafer—$800 grading, 35c paving, 7c oiling, 70c curb, 22c walk, 33c gutter.

T. E. Shafer—$750 grading, 30c paving, 6.5c oiling, 70c curb, 20c walk, 33c gutter.

D. J. Sphar—$874 grading, 37c paving, 8c oiling, 75c curb, 21c walk, 33c gutter.

LOS ANGELES, Cal.—Until 11 a. m., Dec. 10, bids will be rec. by supervisors to imp. Ricker Ave. (County Improve Ricker Ave., bet. Whittier Blvd. and Louisiana Ave. (County Imp. No. 23), 2344 lin. ft. involv. 1012 cu. yds. excav. 9997 sq. ft. conc. gutter; 4572 lin. ft. curb; 17,243 sq. ft. walk; 62,700 sq. ft. oil and screenings wearing surface (including shaping).

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., submitted low bid to supervisors at $41,000 to imp. Slauson Ave., bet. L. A. city limits west 5270.09 ft., approx. 5270.09 lin. ft. Haul from Hyde Park on A. T. & S. F. Ry. Pavement consists of conc. 22 ft. wide, 6 in. to 8 in. thick. Work involves (1) 15,365 cu. yds. excav; (2) 5270 lin. ft. shaping roadbed; (3) 12,882 sq. yds. conc. pavement; (4) 36 in. corru. iron pipe with headwalls at Sta. 39 plus 55; (5) 42-in. corru. iron pipe with headwalls at Sta. 29 plus 40; (6) 1064 lin. ft. guard fence. Est. contr. price, $44,200.40. Other bids were: H. G. Fenton, $41,733; Basich Bros. Co., $43,210; J. Paul Benson, $43,500.

RICHMOND, Contra Costa Co., Cal.—City Eng. H. D. Chapman preparing spec. to pave with oil macadam and const. sidewalks in Solano and Lassen Aves., in East Richmond Blvd. tract also for the widening of Standard Ave. A. C. Faris, city clerk.

EUREKA, Humboldt Co., Cal.—Until Dec. 11, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. approx. 290 ft. conc. sidewalk adjacent property owned by county. Cert. check 5% req. Plans on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal. — County supervisors, Henry A. Pfister, clerk, planning imp. of Alviso road from highway at Mt. View to Alviso; pavement will probably be concrete 20 ft. wide, 6-in. center and 7-in. on sides. Robt. Chandler, county surv.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to imp. 66th St., bet. Vermont and Kansas Aves., involv. grading (lump sum); 92,343 sq. ft. oil and roll; 6696 ft. curb; 32,010 sq. ft. walk; 14,850 sq. ft. gutter, follow:

Baker & Kinsman — $2310 grading; 6.5c oiling; 70c curb; 21c walk; 34c gutter.

Geo. J. Beck—$3000 grading; 7c oiling; 70c curb; 21c walk; 34c gutter.

E. P. Perry—$950 grading; 6c oiling; 60c curb; 21c walk; 32c gutter.

Wm. Liddington—$1548 grading; 6c oiling; 62c curb; 18.4c walk; 29.8c gutter.

Joe Mullarkey — $2200 grading; 7c oiling; 65c curb; 21c walk; 28c gutter.

T. E. Shafer—$1900 grading; 6.5c oiling; 70c curb; 20c walk; 33c gutter.

SACRAMENTO COUNTY, Calif. — State Highway Commission has authorized advertising for bids to pave approx 2-mi. of highway from south boundary of Sacramento county to the railroad crossing at Galt. R. M. Morton, state highway engineer.

HANFORD, Kings Co., Cal. — Until Dec. 10, bids will be rec. by D. C. Williams, city clerk, to imp. portions of 6th 7th 8th, Douty and Irwin Sts.; regrade; repave with 2-in. Warrenite-Bit. surface; corrugated iron and concrete culverts. 1911 Act and Bond Act 1915. Ben Duffield, city engineer.

HERMOSA BEACH, Cal.—City trustees declare inten. to imp. Longfellow Ave., bet. Camino Real and E Railroad Dr., grade and pave with 5-in. cem. conc. pavement; Vrooman Act. B. F. Brown, city clerk.

SAN MATEO COUNTY, Calif. — See "Parks and Playgrounds," this issue. Bids opened for 18-mi highway fencing.

LOS ANGELES, Cal.—Ross Constr. Co., Oschner Bldg., Sacramento, submitted low bid to Bd. Pub. Wks. at $237,400 to const. Sec. 4 of North Outfall Sewer, involv. 11,050 lin. ft. semi-elliptical sewer with depth 10-ft. 6-in., complete in place. Other bids were: C. E. Green, $334,100; Lennane & McIlvenna, $350,000; Jahn & Bressi, $350,000; Thos. Kelly & Sons $353,483; Smith Bros., Inc. and W. E. Callahan Constr. Co., $367,000; Geo. R. Cooke Co., $396,900; Joe Chutuk, $404,000; H. D. Churchill & Co., Inc. and Peter R. Gadd $519,450; Foley Bros. and D. A. Foley & Co., $935,960 (bidders state they may agree to complete the work in 180 days or less).

IMPERIAL COUNTY- Calif.—Pioneer Transfer Co., Calexico, at $38,000 (Eng. est. $38,800) awarded cont. by State Highway Commission to grade and surface with gravel 3.9 mi. in Imperial county, bet. Westmoreland and pt. 4-mi. west, involv. 16,000 cu. yds. embankment without classification and 7000 cu. yds. gravel or stone surface.

EL DORADO COUNTY, Calif.—State Highway Eng .R. M. Morton has completed spec. to const. 7-mi. of highway bet. Placerville city limits and Sportsman's Hall on main highway to Lake Tahoe. Surveys are being prepared on unit from Sportman's Hall to American River crossing at Riverton, a distance of approx. 11-mi. It is planned to regrade and surface this stretch with crushed rock.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

SAN ANSELMO, Marin Co., Cal. — Town trustees, Arthur W. Studley, clk, declare inten. to const. conc. walks in both sides of Medway Rd. for its entire length and in the north side of Maple Lane for its entire length. 1911 Act & Bond Act 1915. Protests Dec. 6.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares inten. (No. 5-D) to imp. portions of Los Angeles and Cherry Aves, grade, const. conc. curbs and guttera; cem. conc. walks; corru. metal culverts; pave with 4-in. asph. conc. base with 1½-in. asph. conc. surface with liquid asph. and rock screening surface coat; pave alley approaches with 6-in. Port. cem. conc. 1911 Act. Protests Dec. 13. Wm. Stranahan, city engineer.

GLENDALE, Cal. — Until 7 p. m., Dec. 6, bids will be rec. by council to improve:

Cerritos Ave. and Gardena Ave., involving 180 lin. ft. grading; 334 ft. class B curbs; 2932 sq. ft. walks; 15,035 sq. ft. 5-in. oiled macad; 163 ft. 6-in. class C cast iron water pipe.

Monterey Rd., Adams St. and Glendale Ave., involv. 1323 lin. ft. grading; 2550 ft. curb; 12,820 sq. ft. walk; 51,708 sq. ft. 3-in. macad; 700 ft. 4-in. class C cast iron water pipe.

Cert. check or bond 10% in each case. A. J. Van Wie, city clerk.

SAN JOSE, Santa Clara Co., Cal. — Until Dec. 10, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. 2nd bet. Santa Clara and San Fernando St., involv. removal of existing basalt block gutters and const. hyd. conc. gutters in place with gravel fill foundation; remove portions of existing bit. wearing surface and replace with asph. conc. binder, etc. 1911 Act & Bond Act. Cert check 10% payable to city req. Wm. Popp, city engineer.

RIVERSIDE, Cal.—Until 10 a. m., Dec. 11, bids will be rec. by council to const. san. sewer in portions of East 14th St., High St., Bowie Ct. and Langston Pl.; 1911 Act. C. B. Burns, city clk.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 10, bids will be rec. by Bd. Pub. Wks. to imp. under Vrooman Act:

Crenshaw Blvd, bet. 8th and 9th Sts., involv. 44,658 sq. ft. 6-in. conc. paving; 60 ft. curb; 525 ft. hse. sewers; 370 sq. ft 2-in bitum. base paving.

Vernon Ave., bet. Van Ness and Angeles Mesa Dr., involv. 166,477 sq. ft. 6-in. conc. paving; 125 ft. curb; 2542 ft. hse. sewers; 865 sq. ft. 2-in. bitum. base paving; reinf conc pipe. (A strip 12 ft. wide will be left for the outfall sewer right of way).

Stone St., bet. Wabash Ave. and Fairmount St., involv. 11,546 sq. ft. oiling and rolling; 539 ft. curb; 2693 sq. ft. walk; 1284 sq. ft. gutter.

Lakme Ave., bet. M and Anaheim Sts., involv. 173,988 sq. ft. asph. paving; 6017 sq. ft. curb; 30,262 sq. ft. walk; 6742 sq. ft. gutter; 1640 ft. hse. sewers.

Edgewater Terrace, bet. Ayar St. and lot 1, Tr. 4140, involving 901 sq. ft. conc. paving; 33,370 sq. ft. oiling and rolling; 3183 ft. curb; 15,381 sq. ft. walk 6459 sq. ft. gutter; storm drain.

SAN JOSE, Santa Clara Co., Cal. — Until Dec. 10, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Santa Clara St., bet. Market and First Sts., involv. removal of existing basalt block guttera and make gravel fill replacing with hydr. conc. gutters; remov portions of existing bit. wearing surface pavement and replace with asph. conc. binder course, etc. Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

ENGINEERING, INDUSTRIAL, TECHNICAL & SCIENTIFIC BOOKS

TECHNICAL BOOK COMPANY

Mills Building -- San Francisco

Phone Garfield 19

REPRESENTING

D. Van Nostrand Co., John Wiley & Sons, Inc., J. B. Lippincott Co., Longmans, Green & Co.

Printing

Modern, Efficient Methods, Up-to-date Machinery and Highly Skilled Workmanship plus an Honest Desire to Please assure

Quality and Service

Telephones
Garfield
3140
3141
3142

The Mercury Press
818 Mission Street
San Francisco

RIVERSIDE COUNTY, Calif. — The State Highway Commission, Forum Bldg., Sacramento, has awarded a contract to Southwest Paving Co. of Los Angeles at $23,037 to pave with asph. conc. 0.7 miles in Riverside county, in city of Beaumont. Project involv. 3880 lin. ft. subgrade (prepare and shape) includ. grading and const. of earth shoulders; 2425 tons asph. conc. (pavement). Engineer's estimate $19,666.

IMPERIAL COUNTY, Cal.—The following was the only bid rec. Nov. 26 by State Highway Comm., to grade and surface with gravel 3.9 mi. in Imperial county, bet. Westmoreland and pt. 4-mi west. Project involv. 16,000 cu. yds. embankment without classification and 7000 cu. yds. gravel or stone surface. Pioneer Transfer Co., Calexico..$38,000 Engineer's estimate $38,800

SISKIYOU CO., Cal.—Fall River Mills Chamber of Commerce adopts resolution urging State Highway Commission to start early construction of that portion of Redding-Alturas lateral from Burney to Fall River Mills and thence to McArthur.

GLENDALE, Los Angeles Co., Cal.—See "Miscellaneous Buildings," this issue.

RIVERSIDE, Cal—Stahlman & Potter Constr. Co., Riverside, awarded contr. by council at $2306 to const. san. sewer in a portion of Madison Square, involving 1693.1 ft. 6-in. vit. pipe; 4 type "A" manholes; 61 6x4 wyes; 2 cleanouts.

SAN FRANCISCO — State Board of Harbor Commissioners, Ferry Bldg., has $32,000 available to pave portions of water front. Frank G. White, ch. eng. for comm.

FRESNO, Fresno Co., Cal.—Until 3:30 p. m., Dec. 6, bids will be rec. by R. Y. St. George, city clerk, to imp. Divisadero St., bet. Park Blvd. and the west line of blocks 1 and 14, Central Addition, involv. grade and pave with 2-in. warrenite-bitul. surface on 4-in. asph. conc. base; curbs, walks, gutters, 46-ft. 18-in. conc. storm sewer; two concrete manholes; 1911 act. Wm. Stranahan, city eng.

OAKLAND, Cal.—Until Dec. 6, 11:30 a. m., bids will be rec. by E. K. Sturgis, city clerk, to imp.:

Portions of 1st and 4th Sts., grade and pave; const. curbs and gutters; 2 catchbasins with conduits.

19th Ave., bet. 14th Ave. and Wallace Sts., const. cem. walks and retaining wall.

Cert. check 10% payable to city req. W. W. Harmon, city engineer.

RIVERSIDE, Cal.—Supervisors order survey for Nuevo road in Lakeview-Jackrabbit trail territory. The new project, which involves fills for flood control, will cost $235,000, according to an estimate of Engr. J. P. Flinn.

SAN FRANCISCO — State Highway Commission has authorized $15,000 expenditure to finance survey work and preparation of spec. for Bay Shore highway down the Peninnsula. The unit to be surveyed is from the northern boundary of San Mateo county to Redwood City, a distance of 20 miles. R. M. Morton, state highway engineer.

ANAHEIM, Cal.—Pernell Barnett 630 E Washington St., Orange, submitted low bid to city trustees at $2408.60, for san. sewer work under Job No. 1 (sewer farm line), involv. (1) 1302 ft. 20-in. vit. pipe; (2) one manhole.

D. J. Milosevich submitted low bid at $11,053.24 on job No. 2 (La Palma St. line), involv. (1) 5408 ft. 12-in. vit. pipe; (2) 4174 ft. 10-in. vit. pipe; (3) 10 ft. 8-in. vit. pipe; (4) 9 manholes. The bids were:

Job No. 1—Martin Brkich: (1) $3.64; (2) $84; total, $4823.28. G. M. Wucetich (lump sum) $3400. B. D. Vaich, (1) $3.65; (2) $85; total, $4837.30. L. D. Folhom, (1) $3.00; (2) $90; total, $3996. M. Simunovich, (1) $3.00; (2) $90; total $3996. M. Simunovich, (1) $3.00; (2) $90; total, $3996. Dan Dakovich, (1) $2.00; (2) $76; total, $2680. P. J. Akmadzich, (1) $3.50; (2) $68; total, $4625. C. E. Green, (1) $3.20; (2) $100; total, $4266. John Artukovich, (1) $2.50; (2) $70; total, $3325. D. J. Milosevich, (1) $1.85; (2) $70; total, $2478.70. Martin M. Culjak, (1) $2.18; (2) $60; total, $2898.36. Cox & Teget, (1) $2.20; (2) $125; total, $2989.40. Pernell Barnett, (1) $1.80; (2) $65; total, $2408.60.

Job No. 2—Martin Grkich, (1) $3; (2) $2.55; (3) $1.80; (4) $100; total, $27,785.70. Stroud Bros., (1) $1.35; (2) $1.03 (3) 81c; (4) $90; total, $11,255.40. G. M. Wucetich, (lump sum) $17,000. B. D. Zaich, (1) $1.95; (2) $1.75; (3) $1.35; (4) $100; total, $18,763.60. L. D. Folsom, (1) $2.85; (2) $2.33; (3) $2.25; (4) $90; total, $25,970.72. M. Simunovich, (1) $1.57; (2) $1.57; (3) $1.57; (4) $70; total, $15,689.44. Dan Dakovich, (1) $1.58; (2) $1.58; (3) $1.58; (4) $79; total, $15,866.34. P. J. Akmadzich (1) $2.90 (2) $2.80; (3) $2.70; (4) $100; total, $28,297.40. C. E. Green, (1) $1.90; (2) $1.60; (3) $1.60; (4) $90; total, $17,779.60. John Artukovich, (1) $2.00; (2) $1.45; (3) $1.25; (4) $85; total $17,645.80. D. J. Milosevich, (1) $1.10; (2) $1.06; (3) $5.00; (4) $70; total, $11,053.24. Martin M. Culjak, (1)$1.38; (2) $1.24; (3) $1.04; (4) $65; total, $13,234.20. Cox & Teget, (1) $1.75; (2) $1.50; (3) $1.50; (4) $1.25; total, $17,282.40. Pernell Barnett, (1) $1.98; (2) $1.35; (3) $1.25; (4) $75; total, $17,030.24.

Bids taken under advisement.

SAN RAFAEL, Marin Co., Cal.—Peter Bottini, San Rafael, at $6372, awarded cont. by council to pave with 7-in. conc. the Puerto Suello grade from city park to summit of hill. Other bids: A. J. Raisch, $6885; T. A. McDougal & Son, $6500.

SOUTH PASADENA, Cal.—Until 8 p. m., Dec. 10, bids will be rec. by city trustees to imp. Edison Lane, involv. 17,300 sq. ft. 5-in. cem. conc. paving Work to be done under 1911 act. Cert. check of bond 10%. Nettie A. Hewitt, city clerk.

SANTA BARBARA, Cal.—Until 5 p. m., Dec. 6, bids will be rec. by council to imp. 5th St. bet. Hollister Ave. and State St.; grade and pave with 4-in. cem. conc. base and 1½-in. asph. conc. wearing surface; constructing combined conc. curb and 8-ft. gutters; 8-ft. gutters; cross-gutters; driveways; 6-in. vit. pipe main san. sewer; 4-in. vit. pipe hse. sewers; 1911 act. S. B. Taggart, city clerk.

FRESNO, Fresno Co., Cal.—Thompson Bros. Divisadero and H Sts., Fresno, at $1656 awarded cont. by council to pave fire department drill yard.

YUMA, Ariz.—Until 2 p. m., Dec. 8, bids will be rec. by supervisors for shaping 3 mi. roadway, placing 7000 cu. yds. sand-clay surfacing on Ave. B bet. 17th and 20th Sts.; also for the completion of portions of 16th St. bet. Ave B and East Main Canal; Ave. B bet. 14th and 15th Sts.; Ave. B bet. 16th and 17th Sts. Spec. obtainable from county engr. upon payment of $5. Cert. check 5%, payable to George Downey, chairman of the board. Clara A. Smith, clerk.

SAN DIEGO, Calif. — As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Dec. 10, 2 p. m. to pave with Port. cem. conc. 16.2-mi. in San Diego County, bet. San Diego and Oceanside. Project involves: 44,000 cu. yds. excavation without classification; 150,000 sta. yds. overhaul; 12,220 cu. yds. class "A" Port. cem. conc. (pavement and shoulders, poured 20 ft. wide at a time); 15,280 cu. yds. class "A" Port. cem. conc. (pavement and shoulders, poured 10-ft. wide at a time); 2210 cu. yds. Class A Port. cem. conc. (shoulders); 3730 hundredweights reinforced steel in place; 580 cu. yds. removal of broken conc. in existing base. R. M. Morton, state highway eng.

LYNWOOD, Cal. — Hall-Johnson Co., P. O. Box 51, Lynwood, submitted low bid to city trustees at $112,815 to pave Beach St., South Beach St., Chester St. and about 12 other streets, involv. 88,300 sq. ft. walk 18c ft.; 28,100 ft. curb 60c ft.; 33,700 sq. ft. gutter 27.5c ft.; 576,800 sq. ft. grading 1.25c ft.; 133,900 sq. ft. oiling 4.5c ft.; 442,900 sq. ft. 4-in. macad. 13c. E. M. Lynch, Central Bldg., Los Angeles, city engr. Other bids were

Blumenkranz & Vernon—18c walk; 55c curb; 25c gutter; 2.5c grading; 5c oiling; 13c macad.; total, $118,435.

Phillips & McMeans — 19c walk; 60c curb; 28c gutter; 3c grading; 5c oiling 13.5c macad.; total, $126,875.

Geo. H. Oswald—20c walk; 65c curb; 30c gutter; 3.75c grading; 5c oiling; 14c macad.; total. $136,325.

SACRAMENTO, Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, operating street car system, plans $25,000 expenditure to imp. right-of-way in T St. bet. 3rd and 9th Sts., also portions of T St., which will require rebuilding of railway tracks. E. W. Florence, Sacramento manager of company.

TURLOCK, Stanislaus Co., Cal. — A. Teichert & Son, Ochsner Bldg., Sacramento, awarded cont. by city trustees to imp. portions of Diablo and Thor Sts., involv. grade, $.03 sq. ft.; 3-in. asph. conc. base with 1½-in. Warrenite-Bit. pavement, $.206 sq. ft.; conc. curb and gutter, 6-ft. wide, $.76 lin. ft.; conc. curb, $.50 lin. ft.; conc. gutter, $.26 sq. ft. Horace Hall, city eng.

LOS ANGELES, Cal. — Martin G. Brkich, 1506 Pleasant Ave., submitted low bid to Bd. Pub. Wks. at $11,800 to const. storm sewer in Clarence St., bet. Sixth St. and Stephenson Ave. Other bids were: Martin Culjak, $12,600; P. J. Akmadzich, $13,200; C. H. Johnston, $13,466; Frank H. Brigham, $13,825.15; C. A. Spicer, $14,250.

CORNING, Tehama Co., Cal. — John Garden, Oakland, at $14,850 for vit. clay pipe, awarded cont. by city trustees to const. extensions to main line of sewer system, extending to Sacramento river, for sewage disposal purposes. Complete list of bids follow:

	Clay pipe
Chambers & De Golyer, Oakland	$18,248
Heafey-Moore & Mcnair, Oakland	17,875
Oakland Sewer Const. Co., Oakland	15,233
Cement pipe, $13,765.	
Hart Const. Co., Gerber	21,500
T. M. Polk, Chico	22,994
Cement pipe, $21,527.	
John Garden, Oakland	14,850
James Currie, Burlingame	19,644
Merced Conc. Pipe Co., Merced	19,027
Cement pipe, $17,199.	
W. H. Graham & Co., Lodi	19,135
San Joaquin Valley Concretee Pipe Co., Livingston	22,232
Cement pipe, $18,807.	
Frederickson & Shannon, Fresno	19,485
Cement pipe, $18,400.	

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. 24 VAN NESS AVENUE
Junction Valencia Phone Market 8926 Near Market

You and your support —both are needed

THE battle against tuberculosis is *your* battle. The organized fight against consumption protects you, and makes your community a cleaner, more healthful place to live in.

You support the war upon tuberculosis when you buy Christmas Seals. The life-saving campaign of the Tuberculosis Association is largely financed by the sale of these seals. Protect yourself and help others. Buy Christmas Seals.

Stamp out Tuberculosis with Christmas Seals

THE NATIONAL, STATE, AND LOCAL TUBERCULOSIS ASSOCIATIONS OF THE UNITED STATES

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4333	Huber	Sprague	3600
4334	Meeham	Owner	15000
4335	Anderson	Owner	8000
4336	Stosser	Sourich	5000
4337	Arnott	Arnott	15000
4338	Vanderbilt	Wagner	8500
4339	Sexton	Hoin	4500
4340	Lawson	Owner	1000
4341	Otis	Nelson	10560
4342	Same	Klimm	9692
4343	Fitzhugh	Jackson	2045
4344	Murphy	Owner	6000
4345	Brown	Owner	6000
4346	Lurie	Owner	20000
4347	Haupt	Adler	14000
3248	S. F.	Neighborhood	1000
4349	Bank of Italy	Martinelli	12000
4350	Cutler	Brymen	6000
4351	Costello	Owner	6000
4352	Thorup	Owner	5000
4353	Koenig	Owner	5600
4354	Waystaff	Schell	10000
4355	McGowan	Owner	6000
4356	Stoff	Owner	3000
4357	Hind	Owner	32000
4358	Yates	Yates	4000
4359	Preovolas	Jacks	18622
4360	Same	Reliable	1574
4361	Same	O'Mara	2055
4362	S P Co.	Astland	13995
4363	Bekeart	Wilson	1778
4364	Riddle	Johnson	13849
4365	R C Archb.	Geovard	60465
4366	Copley	Jorgensen	1000
4367	Christiansen	Owner	7000
4368	Brett	Christiansen	6000
4369	De Wolf	Merritt	1500
4370	Hertly	Lundy	1000
4371	Heyman	———	3500
4372)	Young	———	80000
4373	Bernell	Erlendsen	4000
4374	Sullivan	Sullivan	3000
4375	Bricca	Owner	150000
4376	Wolpmann	Jones	3500
4377	Bugbee	Owner	9000
4378	Muriale	Amoroso	150000
4379	Davis	Meyer	16000
4380	Bendon	Owner	2500
4381	Shumate's	Hoffman	1376
4382	Wagstaff	Schell	10800
4383	Roman	Kennedy	4100
4385	Philipp	S. F.	1200
4386	Warwick	Owner	4200
4387	Main	Stockholm	3000
4388	Costella	Owner	3000
4389	National	Chicago	6500
4390	Mowat	Owner	1000
4391	Elvin	Owner	3000
4392	Dorr	Owner	3000
4393	Powell	Kinquist	6000
4394	Scott	Dilks	4400
4395	Clausen	Owner	9000
4396	Arnott	Arnott	12000
4397	Arnott	Arnott	24000
4398	Ellis	Hofmeister	1200
4399	McDonald	Hamill	6000
4400	Grownn	Lacey	3000
4401	Toby	Zane	3850
4402	Samuels	Wagner	8000
4403	Sica	Owner	3000
4404	Fish	May	11600
4405	Same	Zaro	3200
4406	Same	Newberry	5366
4407	Same	Hansen	81118
4408	Pagendram	Mager	4000
4409	Gronn	Lacey	6500
4410	Anderson	Meyer	19782
4411	Voorhies	Voorhies	7000
4412	McCormick	McCormick	10000
4413	Quon	Hjul	18000
4414	Voorhies	Voorhies	7000
4415	Rudolph	Lindberg	4450
4416	Buick	Meinberger	8000
4417	Baum	Urfer	2750
4418	Kinnick	Owner	4000
4419	Lobak	Lindberg	5300
4420	Cox	McCarthy	3000
4421	Miller	Owner	2750
4422	Munster	McCarthy	4615
4423	Mission	Musto	12091
4424	Mission	Braus	3978
4425	Otis	Grinnell	10399
4426	Otis	Cal.	8600
4427	Dickow	Nelson	12535
4428	Pacific	Sommer	84285

ALTERATIONS
(4333) NO. 282 CASTRO. Remodel 2-story frame residence for 2 flats.
Owner—Adolph Huber, Premises.
Architect—P. Righetti, 12 Geary St., San Francisco.
Contractor—J. B. Sprague, 387 Coleridge St., San Francisco. $2600

APARTMENTS
(4334) E DOLORES 25 S Fourteenth. Two-story and basement frame (4) apartments.
Owner—Laurence Meehan, % Architect.
Architect—A. J. Hortsmann, Room 809, 110 Sutter St., S. F. $15,000

FRAME FLATS
(4335) N FULTON 82-6 W Twenty-first Ave. Two-story and basement frame (2) flats.
Owner—Johnson & Anderson, 4 Steiner St., San Francisco.
Architect—None. $8000

FRAME FLATS
(4336) E GUERRERO 25 S Twenty-seventh. Two-story and basement frame (2) flats.
Owner—F. Stosser, San Felipe Ave., Lomita Park.
Architect—T. A. Sourich, 1733 Palou Ave., San Francisco.
Contractor—T. Afl Sourich, 1733 Palou Ave., San Francisco. $5000

DWELLINGS
(4337) E HAROLD 125, 150, 175, 200 and 225 S Bruce. Fife one-story and basement frame dwellings.
Owner—Jas. Arnott, 235 Granville Way San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. G. $3000 ea

FOUNDATION, ETC.
(4338) W TWELFTH 200 N Mission. Construct foundations for presses on ground floor; erect T & G office partitions on 1st, 2nd and 3rd uoors
Owner—Vanderbilt Newspapers, Prem.
Architect—None.
Contractor—George Wagner, Inc., 251 Kearny St., San Francisco. $8500

ALTERATIONS
(4339) NO. 171 PARNASSUS AVE. Remodel residence for flats; add front rooms and sun porches.
Owner—Ella M. Sexton, Premises.
Architect—M. G. Bugbee, 619 Washington St., San Francisco.
Contractor—Theo. S. Hoin, 1802 Cabrillo St., San Francisco. $4500

ALTERATIONS
(4340) NO. 3318 SEVENTEENTH ST. Alteiations and additions to warehouse.
Owner—Frank E. Lawson, 3318 17th St., San Francisco.
Architect—None. $1000

OFFICE BLDG.
(4341) SW BEACH AND GRANT AVE W 275xS 137-6. Heating system for two-story office and factory building.
Owner—Otis Elevator Co., Premises.
Architect—None.
Contractor—James A. Nelson, Inc., 517 Sixth St., San Francisco.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Filed Nov. 22, '23. Dated Nov. 22, '23.
On 10th of each month..... 75%
Usual 35 days 25%
TOTAL COST, $10,560
Bond, $5280. Surety, Fidelity & Deposit Co. of Maryland. Limit, Apr 30, 1924. Forfeit, none. Plans and specifications filed

(4342) PLUMBING ON ABOVE.
Contractor—Frank J. Klimm Co., 221 Oak St., San Francisco.
Filed Nov. 22, '23. Dated Nov. 21, '23.
Payments same as above.....
TOTAL COST, $9692
Bond, $4846. Surety, Fidelity & Deposit Co. of Maryland. Limit, April 30, 1924. Forfeit, none. Plans and specifications filed.

SIDE WALK LIGHTS
(4343) NE POST AND POWELL N 134-6xE 162-9. All work for sidewalk lights for 10-story and basement Class A building.
Owner—Wm. M. and Mary E. Fitzhugh
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—P. H. Jackson & Co., 237 First St., San Francisco.
Filed Nov. 22, '23. Dated Nov. 15, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2045
Bond, $1023. Surety, The Aetna Casualty & Surety Co. Limit, 50 days. Forfeit, none. Plans and specifications filed.

FLATS
(4344) E CASTRO 75 N 20th. 2-story and basement frame (2) flats.
Owner—Joseph Murphy, 771 14th St., San Francisco.
Architect—None. $6000

FLATS
(4345) E DOLORES 34 S Duncan. Two story and basement frame (2) flats.
Owner—Ward C. Brown, 2945 Harrison St., San Francisco.
Architect—None. $6000

SHOP
(4346) E ELEVENTH 150 S Harrison. 2-story class C painting contractors' shop.
Owner—The Lurie Co., care architect.
Architect — O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor — Wm. Martin, 185 Stevenson St., San Francisco. $20,000

APARTMENTS
(4347) W TWENTY-SEVENTH AVE. 250 S Lake. 2-story and basement frame (4) apartements.
Owner—F. L. Haupt.
Architect & Contractor—Klaus Adler, 493 22nd Ave., S. F. $14,000

BATH HOUSE
(4348) 1736 STOCKTON STREET. Construct bath house 12x30 ft with dressing rooms, etc.
Owner—San Francisco Neighborhood Ass'n., 1736 Stockton St., S. F.
Architect—None. $1000

STORES
(4349) W CASTRO 50 S Market. One-story frame (5) stores.
Owner—Bank of Italy, 550 Montgomery St., San Francisco.
Architect—H. A. Minton, Monadnock St., San Francisco.
Contractor—J. Martinelli, 180 Jessie St. San Francisco. $12,000

DWELLINGS
(4350) S SUNNYSIDE 25 50 W Congo, 2 2-story and basement frame dwellings.
Owner—W. T. Cutler.
Architect—None.
Contractor—John Brymnen, 1280 Page St., San Francisco. .....$3000 each

DWELLINGS
(4351) W FORTY-SIXTH AVE. 292 & 320 S Balboa. Two 1-story and basement frame dwellings.
Owner—William Costello, 758 29th Ave. San Francisco.
Architect—None. $3000 each

DWELLING
(4352) N BALBOA 75 W 25th Avenue. One-story and basement frame dwelling.
Owner—Jacob H. Thorup, 2424 Balboa St., San Francisco.
Plans by Owner. $5000

DWELLING
(4353) S E DEWEY BLVD & PACHECO. 1-story and basement frame dwelling.
Owner — Wm. Koenig, 1 Pacheco St., San Francisco.
Plans by owner. $5600

MFG. BLDG.
(4354) S ERIE 112-6 W Howard. 1-story brick light manufacturing building.
Owner—Albert A. & W. H. Wagstaff, care contractor.
Architect—None.
Contractor—Samuel Schell, 180 Jessie St., San Francisco. $10,000

FLATS
(4355) E FUNSTON AVE. 225 N Judah 2-story and basement frame (2) flats.
Owner—John T. McGowan, 3784 Mission St., San Francisco.
Architect—W. G. Hind, 711 Hearst Bldg San Francisco. $6000

ALTERATIONS
(4356) NO. 882-86 McALLISTER ST. Tear down old stores; raise flat and move to front and construct new stores.
Owner—A. Stoff, 111 Montgomery St., San Francisco.
Architect — M. G. Bugbee, 619 Washington St., S. F. $3000

FLATS
(4357) NW OCTAVIA AND GREENwich and W Octavia 25 50 75 N Greenwich.
Four 2-story and basement frame (2 in each) flats.
Owner—A. E. Hind, care architect.
Architect — W. G. Hind, 711 Hearst Bldg., San Francisco. $8000 each

DWELLING
(4358) W SIXTEENTH AVE. 100 S Judah. 1-story and basement frame dwelling.
Owner—Yates and Cooke, Parnasus Av. San Francisco. $4000

APARTMENTS
(4359) N VALLEJO 80 E Octavia All work except plumbing, heating, electric wiring, painting and travertile work for three-story frame apartment building.
Owner—Peter J. Preovolos, 1069 Market St., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor — Jacks & Irvine, 180 Jessie St., San Franciso.
Filed Nov. 24, '23. Dated Nov. 16, '23.
3rd floor joists on... .....$4655.50
Plastering completed..... 4655.50
Completed and accepted..... 4655.50
Usual 35 days..... 4655.50
TOTAL COST, $18,622.00
Bond, $11,791. Sureties, Simon McLean and Geo. F. Derning. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4360) HEATING SYSTEM ON ABOVE.
Contractor — Reliable Plumbing & Heating Co., 350 5th St., S. F.
Filed Nov. 24, '23. Dated Nov. 16, '23.
Roughing in completed.....$590
Completed and accepted..... 590
Usual 35 days..... 294
TOTAL COST, $1574
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(4361) PLUMBING ON ABOVE
Contractor—J. E. O'Mara Co., 445 Minna St., San Francisco.
Filed Nov. 24, '23. Dated Nov. 16, '23.
Roughing in completed.....$1000
Completed and accepted..... 541
Usual 35 days..... 514
TOTAL COST, $2055
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

CABINET WORK
(4362) NO. 65 GEARY ST. Cabinet work for ticket office.
Owner—Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—None.
Contractor—Ostland & Johnson, 1901 Bryant St., San Francisco.
Filed Nov. 24, '23. Dated Nov. 22, '23.
At close of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $13,995
Bond, $13,995. Surety, Union Indemnity Co. Limit, 55 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(4363) — JACKSON 70 E Arguello Blvd. E 77-6 N 64-8½ SW to pt S to beg. Plumbing and gas fitting for two-story and basement fraame residence.
Owner—Phil K. and Grace P. Bekeart, 2005 Sacramento St., S. F.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—Wm. F. Wilson Plumbing Co., 328 Mason St., S. F.
Filed Nov. 24, '23. Dated Nov. 23, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1778
Bond, none Limit, May 15, 1924. Forfeit, none. Plans and specifications filed.

BUILDING
(4364) SW FOLSOM AND SHERMAN. All work for two-story Class C reinforced concrete building.
Owner—Riddle Sheet Metal Works, 1607 Folsom St., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor—Otto Johnson.
Filed Nov. 24, '23. Dated Nov. 19, '23.
Footings poured $1000.00
2nd floor beams poured..... 2462.40
Concrete poured 3462 50
Completed and accepted..... 3462.50
Usual 35 days..... 3462.50
TOTAL COST, $13,849.00
Bond, $7000. Sureties, M. S. Foss and Frank Stribley. Limit, 60 days. Forfeit, none. Plans and specifications filed.

CHURCH
(4365) LOCATION NOT GIVEN. All work for two-story and basement concrete church for St. Kevin's Parish.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—G. E. McCrea, 369 Pine St., San Francisco.
Contractor—J. J. Leonard, 180 Jessie St., San Francisco.
Filed Nov. 24, '23. Dated Nov. —, '23.
Payments on 1st of each month 75%
Usual 35 days..... 25%
TOTAL COST, $60,465
Bond, $30,233. Surety, Globe Indemnity Co. Limit, 6 months. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Nov. 10, 1923 No. 4185.

ALTERATIONS
(4366) NO. 468 TWELFTH AVE. Raise dwelling 6 ft.: underpin; erect new steps and remodel for private garage quarters.
Owner—Mrs. J. M. Copley, 378 19th Av., San Francisco.
Architect—None.
Contractor—C. W. Jorgensen, 117 Madrid St., San Francisco. $1000

FRAME FLATS
(4367) N FULTON 32-6 E Nineteenth Ave. Two-story and basement frame (2) flats.
Owner—Christiansen Bros., 518 25th Ave., San Francisco.
Architect—None. $7000

DWELLING
(4368) S YERBA BUENA 297 E Santa Clara. Two-story and basement frame dwelling.
Owner—H. & W. Brett, % Contractor.
Architect—None.
Contractor—Christensen Bros., 518 25th Ave., San Francisco. $6000

ALTERATIONS
(4369) E FIFTH AVE 225 N Lake St. Alter residence.
Owner—De Wolfe Realty Co., — Geary St., San Francisco.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., 3014 Geary St., S. F. $1500

DWELLING
(4370) E THIRTY-SIXTH AVE 200 N Ulloa. One-story and basement frame dwelling.
Owner—Vivian E. Hartley, 959 Market St., San Francisco.
Architect — R. R. Irvine, Call Bldg., San Francisco.
Contractor—A. L. Lundy, 106 11th St., San Francisco. $1000

DWELLING
(4371) S CABRILLO 107-6 W 40th Ave 1-story and basement frame dwlg.
Owner—Oscar Heyman & Brother, 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $3500

APARTMENTS
(4372) NW CALIFORNIA & OCTAVIA way, 1-story and basement frame C (12) apartments.
Owner—E. E. Young, 2002 Calif St., San Francisco.
Architect—E. E. Young, 2002 Calif St., San Francisco. $80,000

DWELLING
(4373) E FAXON AVE. 100 N Holloway. 1-story and basement frame dwelling.
Owner — Wm. F. Bernell, 1620 Ocean Ave., San Francisco.
Architect—None.
Contractor — Johnson and Erlendsen, 1565 Jackson St., S. F. $4000

DWELLING
(4374) W GRANADA 175 S Ocean Ave. 1-story and basement frame dwlg.
Owner—Thos. Sullivan, 240 Jules Ave., San Francisco.
Architect—None.
Contractor — Olson and Sullivan, 240 Jules Ave., S. F. $3000

APARTMENTS
(4375) S GREEN 223 E Jones. 10-story and basement steel frame and reinforced concrete (8) apartments.
Owner—Dr. C. R. Bricca, 802 Humboldt Bank Bldg., San Francisco.
Architect — C. A. Meussdorffer, 802 Humboldt Bank Bldg., S. F.
NOTE—Refiling application due to revision in plans. $150,000

FACTORY
(4376) W HOWARD 66-4 N Erie. 1-story brick factory.
Owner—D. Wolpmann, 4048 23rd St., San Francisco.
Designer—A. J. Rushton.
Contractor—Thos. M. Jones, Berkeley, Calif. $3500

FLATS
(4377) N LOMBARD 87-6 E Franklin. 2-story and basement frame (2) flats.
Owner—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco. $9000

APARTMENTS
(4378) SW POLK AND UNION STS. 6-story and basement concrete (35) apartments.
Owner—N. Muriale, St. Helens, Cal.
Architect—None.
Contractor—F. C. Amoroso, 1336 Kearny St., San Francisco. $150,000

DWELLINGS
(4379) E TWENTY-SECOND AVE. 200 225 275 S Lincoln Way. Four 1-sto. and basement frame dwellings.
Owner—A. C. Davis, 5600 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First Natl Bank Bldg., S. F. $4000 each

DWELLING
(4380) E TWENTY-EIGHTH AVE 200 S Taraval. 1-story and basement frame dwelling.
Owner—G. O. Bendon, 999 Fell St., San Francisco.
Plans by owner. $2500

FIXTURES, ETC.
(4381) NW FILLMORE AND SACramento. Wall cases and store fixtures for store.
Owner—Shumate's Pharmacy, 1640 Divisadero St., San Francisco.
Architect—None.
Contractor—L. Hoffman (as Royal Show Case Co.), 759 McAllister St., San Francisco.
Filed Nov. 26, '23. Dated Nov. 6, '23.
Cabinet work completed.....$344.20
Work installed and primed... 344.20
Completed and accepted..... 344.20
Usual 35 days..... 344.20
TOTAL COST, $1376.00
Bond, $688.40. Surety, National Surety Co. Limit, Dec. 1, 1923. Forfeit, none. Plans and specifications filed.

FACTORY
(4382) S ERIE 112-6 W Howard W 50 S 85 E 25 N 10 E 25 N 75. All work for one-story brick factory.
Owner—Albert A and W. H. Wagstaff, 371 Sanchez St., San Francisco.
Architect—None.
Contractor—Samuel Schell, 180 Jessie St., San Francisco.
Filed Nov. 26, '23. Dated Nov. 22, '23.
Trusses up $3600
Completed and accepted..... 3600
Usual 35 days..... 3600
TOTAL COST, $10,800
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

CORK TILE FLOORS ETC.
(4383) N FILBERT 137-6 E POWELL E 137-6 x N 160. Cork tile floors & everlastic tile floors for S S Peter and Paul's Church.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—Charles Fantoni, 550 Montgomery St., San Francisco.
Contractor—David E. Kennedy Inc.
Filed Nov. 26, 1923. Dated Sept. 27, 1923.
1st each month 75%
Usual 35 days $3075
TOTAL COST, $4100
Bond, $2050; Sureties, Continental Casualty Co.; Forfeit, $10 day; Limit without delay; Plans and specifications filed.

ALTERATIONS
(4384) S PARNASSUS AVE. 100 W Schrader W 25 x S 120. All work except painting, shades and electric lights fixtures for alterations to residence into flats.
Owner—Ella M. Sexton, premises.
Architect—M. G. Bugbee, 619 Washington, San Francisco.
Contractor—Theo. S. Horn, 1802 Cabrillo, San Francisco.
Filed Nov. 26, 1923. Dated Nov. 22, 1923.
Frame up & enclosed $941.25
1st coat plaster on $941.25
Completed and accepted 941.25
Usual 35 days 941.25
TOTAL COST, $3765
Bond, $2000; Sureties, Minnie A. Hoin and Alex M. McKeon; Forfeit, $5 day; Limit, 70 days; Plans and specifications filed.

OVEN
(4385) NW ARMY AND BRYANT Streets. construct one brick bake oven (gas burning) in bakery.
Owner—J. A. Philipp, 3697 Mission St., San Francisco.
Architect—None.
Contractor—San Francisco Oven Co., 1265 Eddy St., S. F. $1200

APARTMENTS
(4386) SE BROADWAY AND LARKIN Sts. 3-story and basement frame (12) apartments.
Owner—Henry C. Warwick, 3769 Jackson St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco. $42,000

ALTERATIONS
(4387) SW BROADWAY AND DIVISadero Streets. Remove present lawn and remodel basement for garage quarters.
Owner—W. W. Main, 315 Montgomery St., San Francisco.
Architect—Bakewell and Brown, 251 Kearny St., San Francisco.
Contractor—Chas. Stockholm & Son, Monadnock Bldg., S. F. $3000

DWELLING
(4388) S CABRILLO 100 W 21st Ave. 1-story and basement frame dwlg.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $3000

TANK
(4389) NO 371 GUERRERO STREET. Erect 50,000-gallon hemispherical bottom steel tank on tower 108 ft. high to balcony line.
Owner—National Ice Cream Co., 371 Guerrero St., San Francisco.
Architect—Mr. Mazurette, 371 Guerrero St., San Francisco.
Contractor — Chicago Bridge & Iron Works, 338 Rialto Bldg., S. F. $6500

ALTERATIONS
(4390) 1507 GUERRERO STREET. Remove front stairway; cement plaster front; ratproofing; terrazzo steps; new windows, etc. for residence.
Owner—John Mowat, 1507 Guerrero St. San Francisco.
Architect—None. $1000

ALTERATIONS
(4391) W HYDE 112-6 S. Pacific. New store fronts; plaster exterior and make general repairs.
Owner—Arthur Elvin, 180 Jessie St., San Francisco.
Architect—None. $3000

DWELLING
(4392) W LAGUNA HONDA BLVD. 240 S Vasquez. 1-story and basement frame dwelling.
Owner—A. D. Dorr, 650 9th Ave., S. F.
Architect—Pearce Bros. Co., Mills Bldg San Francisco. $3000

DWELLINGS
(4393) W MAYNARD 100 & 125 W Congdon. 2 1-story and basement frame dwellings.
Owner—William Powell, 158 Maynard St., San Francisco.
Architect—A. J. Kimquist, 725 Elizabeth St., San Francisco.
Contractor — Kimquist and Jacobson, 725 Elizabeth St., S. F. $3000 each

DWELLING
(4394) E PLYMOUTH AVE. 250 N Grafton. 1-story & basement frame dwelling.
Owner—R. W. Scott, 630 Van Ness Ave. San Francisco.
Architect—None.
Contractor—H. A. Dilks, 258 Faxon Ave San Francisco. $4400

APARTMENTS
(4395) W SEVENTH AVE. 100 N Anza. 2-story and basement frame (4) apartments.
Owner—C. O. Clausen, Hearst Bldg., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $9000

DWELLINGS
(4396) N STAPLES 125 150 175 200 E Foerster. 4 1-story and basement frame dwellings.
Owner—Jas. Arnott, 235 Granville Way San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son., 235 Granville Way, S. F. $3000 each

DWELLINGS
(4397) W THIRTIETH AVE. 210 240 270 S Lincoln Way;
W THIRTIETH AVE. 270 240 210 N Irving. Six 1-story and basement frame dwellings.
Owner—Jas. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $4000 each

RESIDENCE
(4398) W ANDERSON 200 S Andover. Addition of rooms for residence.
Owner—Mr. and Mrs. Ellis, 524 Anderson St., San Francisco.
Architect—None.
Contractor — H. C. Hofmeister, 762 Church St., S. F. $1200

FLATS
(4399) S CALIFORNIA 32-6 E 32nd Ave. 2-story and basement frame (2) flats.
Owner—Wm. McDonald, 6140 Geary St. San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $6000

WAREHOUSE
(4400) NE HARRISON AND THIRteenth streets. 2-story frame warehouse.
Owner—J. N. Grownn, 214 Sharon Bldg San Francisco.
Architect—None.
Contractor—E. V. Lacey, 180 Jessie St., San Francisco. $3000

ALTERATIONS
(4401) E TWENTY-FOURTH 25 S Kansas. Cut building in two sections and move rear portion back 9 ft. and construct additions for (3) flats.
Owner—Mrs. Toby, 2309 24th St., San Francisco.
Architect—None.
Contractor—W. B. Zane, 114 Russ St., San Francisco. $3350

REMODEL
(4402) E FIRST 113-10½ N Mission. Remodel store fronts; plastering exterior; install elevator and remodel interior of 1st story.
Owner—L. T. Samuels.
Architect—None.
Contractor — Geo. Wagner, Inc., 251 Kearny St., San Francisco. $8000

DWELLING
(4403) N WALLACE 100 W Lane. 1-story and basement frame dwelling
Owner—Guiseppe Sica, 1627 Quesada Ave., San Francisco.
Architect—Antone Petersen and E. A. Hermann, associated, 2770 San Bruno Ave., S. F. $3000

APT. BLDG.
(4404) S PINE 137-6 W Taylor and Jones. Plumbing for 6-story apt. building.
Owner—Madge H. & George L. Fish, 1001 Pine St., San Francisco.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., San Francisco.
Contractor—Gus May, 3668 18th St., San Francisco.
Filed Nov. 27, 1923. Dated Nov. 19, 1923.
15th each month 75%
Usual 35 days 25%
TOTAL COST, $11,600
Bond, $5800; Sureties, H. H. Meyer and Klaus Adler; Forfeit, none; Limit, July 1, 1924; Plans and specifications filed.

(4405) HEATING ON ABOVE.
Contractor—Geo. N. Zaro, 1401 Bush St San Francisco.
Filed Nov. 27, 1923. Dated Nov. 21, 1923.
Payments same as above. TOTAL COST, $3200
Bond, $1600; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, July 1, 1924; Plans and specifications filed.

(4406) ELECTRICAL WK. ON ABOVE
Contractor—F. E. Newbery Electrical Co., 359 Sutter St., San Francisco.
Filed Nov. 27, 1923. Dated Nov. 21, 1923
Payments same as above. TOTAL COST, $5366
Bond, $2683; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, July 1, 1924; Plans and Specifications filed.

(4407) EXCAVATION, CONCRETE, carpenter, lath and plaster, tiling, ornamental iron, hardwood floors, glazing, roofing, etc. on above.
Contractor—F. L. Hansen, 251 Kearny St., San Francisco.
Filed Nov. 27, 1923. Dated Nov. 19, 1923.
TOTAL COST, $81,118
Payments same as above.
Bond, $40,559; Sureties, Ella M. Hansen and L. B. Sibley; Forfeit, none; Limit, Aug. 1, 1924; Plans and specifications filed.

BUILDING
(4408) E PERRY 127-6 N 3rd 26x75. All work for 2-story frame bldg.
Owner—J. F. Pagendarm, 416 Harrison St., San Francisco.
Plans by owner.
Contractor—Mager Bros., 1318 Valencia St., San Francisco.
Filed Nov. 27, 1923. Dated Nov. 26, 1923
Frame up $1200
Enclosed 1200
Completed and accepted 1600
TOTAL COST, $4000
Bond, Sureties, Forfeit, none; Limit, 40 days; Plans and specifications filed.

BUILDING
(4409) NW THIRTEENTH AND HARRISON N 36-0¼ W 80 S 40-0¼ E 80. All work for 2-story frame and galvanized iron building.
Owner—N. Gronn, 2881 16th St., San Francisco.
Architect — T. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—E. V. Lacey, 180 Jessie St., San Francisco.
Filed Nov. 27, 1923. Dated Oct. —, '23.
Frame up $1625
Roof on and bldg. enclosed.... 1625
Completed and accepted 1625
Usual 35 days 1625
TOTAL COST, $6500
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

BUNGALOWS
(4410) NW CABRILLO AND THIRTY-third Ave. N 100 x W 82-6. All work for 5 1-sto. frame bungalows
Owner—Jonathan Anderson, 423 16th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St San Francisco.
Filed Nov. 27, 1923. Dated Nov. 12, 1923.
Side & roof sheathing on....$4945.50
Brown coated 4945.50
Completed and accepted 4945.50
Usual 35 days 4945.50
TOTAL COST, $19,782
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

APARTMENTS
(4411) W MASONIC AVE 144, 170, 196 and 248 N Fulton. Four two-story and basement frame (4) apartments
Owner—W. R. Voorhies, 12 Loyola St., San Francisco.
Architect—None. $7000 each

FFAME FLATS
(4412) S CABRILLO 50 E Twelfth Ave. Two-story and basement frame (2) flats.
Owner—Thos. McCormick, 75 Hill St., San Francisco.
Architect—None. $10,000

FACTORY
(4413) S SACRAMENTO 112-6 W Front. Two-story concrete factory.
Owner—Chew Quon.
Engineer—J. H. Hjul, 1122 Folsom St., San Francisco.
Contractor—J. H. Hjul, 1122 Folsom St., San Francisco. $18,000

APARTMENTS.
(4414) W MASONIC AVE., 222 N Fulton. Two-story and basement frame (4) apartments.
Owner—W. R. Voorhies, 12 Loyola St., San Francisco.
Architect—None. $7000

DWELLING.
(4415) N CORDOVA 75 E Seville. One-story and basement frame dwelling.
Architect—None.
Contractor—C. Lindberg, 257 Surrey St., San Francisco. $4450

FLATS.
(4416) S CORNWALL 32-6 W 4th ave. Two-story and basement frame (2) flats.
Owner—William M. Buick, 211 4th Ave. San Francisco.
Architect—None.
Contractor — H. S. Meinberger, 5720 California St., San Francisco. $8000

ALTERATIONS.
(4417) 586 HOWARD STREET. Alterations for candy factory.
Owner—Benj. J. Baum, 586 Howard st., San Francisco.
Architect—Alfred Henry Jacobs, 110 Sutter St., San Francisco.
Contractor—Chas. Urfer, 134 Halleck St., San Francisco. $2750

DWELLING.
(4418) S PRAGUE 216 E Naylor. One-story and basement frame dwelling
Owner—J. C. Kinnick, 2903 Mission St., San Francisco.
Architect—S. F. Blueprint Co., 1047 Valencia St., San Francisco. $4000

DWELLING.
(4419) N SURREY 130 E Castro. One-story and basement frame dwelling.
Owner—A. Lebak, 11 Surrey St., San Francisco.
Architect—None.
Contractor—C. Lindberg, 257 Surrey St. San Francisco. $5300

DWELLING.
(4420) W TWENTY-THIRD AVE., 315 S Judah. One-story and basement frame dwelling.
Owner—Ella Cox, 1479 12th Ave., San Francisco.
Architect—None.
Contractor—John E. McCarthy, 1479 12th Ave., San Francisco. $3000

DWELLING.
(4421) E TWENTY-THIRD AVE., 150 N Kirkham. One-story and basement frame dwelling.
Owner—Adolph Miller, 991 Valencia St, San Francisco.
Architect—Plans by owner. $2750

FRAME BLDG.
(4422) W TWENTY-THIRD AVE 290 S Judah S 25xW 120. All work for one-story and basement frame building.
Owner—John E. and Louise Munster, 4344 18th St., San Francisco.
Plans by Contractor.
Contractor — John E. McCarthy, 1479 12th Ave., San Francisco.
Filed Nov. 28, '23. Dated Nov. 26, '23.
Frame up and building enclosed
.....$1153.75
Brown coated 1153.75
Completed and accepted..... 1153.75
Usual 35 days 1153.75
TOTAL COST, $4615.00
Bond, none. Limit, 90 days after Nov. 27. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(4423) NW SIXTEENTH & VALENcia. Marble work for alterations to bank.
Owner—The Mission Savings Bank.
Architect—W. H. Crim Jr., Hamilton Murdock, 425 Kearny St., S. F.
Contractor — Joseph Musto Sons Keenan Co., 535 North Point, S. F.
Filed Nov. 28, 1923. Dated Nov. 21, 1923.
15th day each month 75%
Usual 35 days 25%
TOTAL COST, $12,051
Bond, $6046; Sureties, A. E. & Romo E. Sbarboro; Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

(4424) CABINET WORK ON ABOVE.
Contractor — Braas & Kuhn Co., 1907 Bryant St., San Francisco.
Filed Nov. 28, 1923. Dated Nov. 21, 1923.
Material delivered.....$1491.75
Completed and accepted 1491.75
Usual 35 days 994.50
TOTAL COST, $3978
Bond, $1989; Sureties, O. Rubert & B. Anderson; Forfeit, none; Limit, as soon as possible; Plans and specifications, none.

SPRINKLER SYSTEM
(4425) SW BEACH & GRANT AVE. W 275 x S 137-6. Automatic sprinkler system 2-story office and factory building.
Owner—Otis Elevator Co., premises.
Architect—None.
Contractor—Grinnell Co. of the Pacific, 453 Mission St., S. F.
Filed Nov. 28, 1923. Dated Nov. 27, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $10,399
Bond, $5200; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, none; Plans and specifications filed.

(4426) STRUCTURAL STEEL ON above.
Contractor—California Steel Co., Hobart Bldg., San Francisco.
Filed Nov. 28, 1923. Dated Nov. 27, 1923.
On 10th day each month 85%
Usual 35 days 15%
TOTAL COST, $8600
Bond, $4300; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, as required; Plans and specifications filed.

RESIDENCE
(4427) SW MIRAMAR and Westwood Drive, being Lot 7 Blk 3190 Westwood Park. All work for one-story and basement frame residence.
Owner—Henry W. and Margaret B. Dickow, 1254 Plymouth Ave., San Francisco.
Architect—Charles F. Strothoff, 1574 15th St., San Francisco.
Contractor — Hans Nelson, 1375 Plymouth Ave., San Francisco.
Filed Nov. 28, '23. Dated Nov. 15, '23.
Frame up and enclosed.....$2021.25
Brown coated 2021.25
Completed and accepted..... 2021.25
Usual 35 days 2021.25
Balance deeds of trust..... 4450.00
TOTAL COST, $12,535.00
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

FOUNDATION, ETC.
(4428) E MARKET AND BEALE NE 137-6xSE 138-2. Foundation work for general office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—I. M. Sommer Co., 901 Bryant St., San Francisco.
Filed Nov. 28, '23. Dated Nov. 21, '23.

Within 5 days after 15th and last of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $84285
Bond, $45,000. Surety, Hartford Accident & Indemnity Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Nov. 22, 1923—W TWENTY-THIRD Ave 275 N California N 25xW 120. Ellen E Westerlund to M P Storheim .....

Nov. 22, 1923—S LINE TRACT being bded by Ocean Ave, Faxon Ave, Ashton Ave, having average depth 1100 to an irregular N bdy. Pacific Hebrew Orphan Asylum & Home Society to R J H Forbes.....Nov. 13, 1923

Nov. 22, 1923—NO. 3955 ARMY 240 E Sanchez on S side Army. Fred Bergman to C Lundquist.....Nov. 21, 1923

Nov. 22, 1923—N CLINTON PARK 117-6 W Valencia W 27-6xN 70. Eugene Sweeney to O'Brien Bros..Nov. 22, 1923

Nov. 23, 1923—LOTS 15, 16, 17, 18 & 19 and E 14 ft. Lot 20 Blk 2976, Merritt Terrace. St. George Holden to whom it may concern..Nov. 22, 1923

Nov. 23, 1923—W FIFTEENTH AVE 150 N Geary. Maurice Aron to Pete Midbust.....Nov. 21, 1923

Nov. 23, 1923—W FILLMORE 57-6 N Hayes. E Broderick to John Casty & Son, Henry Ernst & Sons, Philip Gau.....Nov. 21, 1923

Nov. 23, 1923—E TWENTY-FIFTH Ave 259 S Geary S 25xE 120 Max Taylor to H O Lindeman.Nov. 22, '23

Nov. 23, 1923—W MISSION 30 S 21st S 30-3xW 70. Wm H Woodfield Jr to Barrett & Hilp and Jas H Hjul.....Nov. 23, 1923

Nov. 23, 1923—SE GOUGH AND Chestnut 25x87-6. George Ravani to V Maffei.....Nov. 21, 1923

Nov. 24, 1923—E FAXON AVE 150 S Grafton Ave S 25xE 112-6 Lot 23 Blk 20, Lakeview. The McCarthy Co to James Arnott & Son.....Nov. 21, 1923

Nov. 24, 1923—S GUTTENBERG AND Hanover SW 28xSW 81-6 Ptn Lot 192 West End Hd. Assn. Wm R McKnight to whom it may concern .....Nov. 24, 1923

Nov. 24, 1923—E THIRTY-SIXTH AV 150 S Clement No. 426 36th Ave. Martin Hill to L H Stevenson.....Nov. 23, 1923

Nov. 24, 1923—FIRST & BRANNAN Southern Pacific Co to Robert F Smith.....Nov. 17, 1923

Nov. 24, 1923—LOTS 8 AND 9 BLK A, Mission Terrace. Walter E Hansen to whom it may concern..Nov. 23, '23

Nov. 24, 1923—NW CABRILLO AND Third Ave N 30xW 9g. Victor Bjors to whom it may concern.Nov 21, 1923

GAL FOUR NOV 24

Nov. 24, 1923—W TWENTY-SIXTH Ave 250 N Taraval W 120 N 43-5 E 120-3 S 33-5. E W Haughy to R Monson.....Noc. 23, 1923

Nocv. 24, 1923—W TWENTY-SECOND Ave 150 S Taraval S 50xW 120. Theresia Steinauer to B Harrington and H Budan.....

Nov. 24, 1923—W HYDE 100 S Sutter. Chas A Johnson to whom it may concern.....Nov 21, 1923

Nov. 24, 1923—W TWENTY-THIRD Ave. bet. Geary and Anza No. 431 23rd Ave. T J and Mariane Haley to W C Boswall.....Nov. 22, 1923

Nov. 26, 1923—W TWENTIETH AVE 275 N Fulton 25x120. G E Watson to whom it may concern.Nov. 26, 1923

Nov. 26, 1923—S TWENTY-FIRST 50 E Hampshire E 25xS 97-6. Spencer M Lee to E B Hamilton.Nov. 26, 1923

Nov. 26, 1923—E LYON 50-0⅜ N Union N 50-0⅜ E 96-6¼ S 50 W 98-4¼. Ronald T Rolph to J Martinelli.....Nov. 22, 1923

Nov. 26, 1923—S TARAVAL 86 E Twenty-third Ave. Halsen & Sloblom to whom it may concern.....Nov. 24, 1923

Nov. 26, 1923—SW WEBSTER AND Greenwich W 85xS 26. Haig Patiglan to Taylor & Jackson.Oct. 9, 1923

Nov. 26, 1923—NW BATTERY AND Sacramento W 275xN 119-6. Federal Reserve Bank of S. F. to J B Rogers.....Nov. 21, 1923

Nov. 26, 1923—NW TOWNSEND 359 NE Sixth NE 70xNW 125; NW Townsend 449 NE Sixth NE 116x NW125. Moody Estate Co to K E Parker Co.....Nov. 24, 1923

Nov. 26, 1923—E FORTY-FIFTH AVE 25 N Cabrillo N 100 E 120 S 25 E 120 S 75 W 82-6 S 25 N 25 W 82-6. Meyer Bros to whom it may concern.....Nov. 24, 1923

Nov. 26, 1924—W NINTH AVE 350 S Geary S 25x120. F A Gawthorne to whom it may concern.....Nov. 14, 1923

Nov. 26, 1923—W WHITNEY 150 N Randall N 25 W 108 m or l SE 25 m or l E 92 m or l Ptn Lot 4 Blk 25, Fmt Louise M and Edw Hannigan to G H McGhee.....Nov. 7, 1923

Nov. 26, 1923—E FAXON AVE 150 S Grafton Ave S 25xE 112-6 Lot 23 Blk 20, Lakeview. The McCarthy Co to James Arnott & Son.....Nov. 26, 1923

Nov. 26, 1923—N POST 40 E Jones E 40xN 60. George Cohn to Louis J Cohn.....Nov. 23, 1923

Nov. 26, 1923—W TWENTY-FOURTH Ave 100 S Geary S 24xW 120. H O Lindeman to W R Lindeman.....Nov. 26, 1923

Nov. 26, 1923—NO. 2693 BUSH. L H Moise to L Salomon....Nov. —, 1923

Nov. 26, 1923—E THIRTY-SEVENTH Ave 100 N Anza N 75xE 120. John S Purcell to whom it may concern .....Nov. 26, 1923

Nov. 26, 1923—W THIRTY-THIRD Ave 61 S Cabrillo S 32xW 90. S F Johnson to whom it may concern .....Nov. 25, 1923

Nov. 26, 1923—LOTS 21 AND 22 BLK 3109, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Nov. 19, 1923

Nov. 27, 1923—NW HANOVER 103 NE Lowell NE 25x NW 106-6 Ptn Lot 86, West End Hd. Maybell Pinkerton to whom it may concern.....Nov. 24, 1923

Nov. 27, 1923—NW DERBY & MASON N 60 W 77-6. Spring Valley Water Co to D Zelinsky & Sons.....Nov. 27, 1923

Nov. 27, 1923—W FIFTEENTH AVE 50 N Judah N 25xW 100. Andrew D and Eugenia Cuneo to John E McCarthy.....Nov. 26, 1923

Nov. 27, 1923—W TWENTY-FIRST Ave 210 N Fulton N 210 W 120 S 25 E 120. John Little to whom it may concern.....Nov. 27, 1923

Nov. 27, 1923—W GUERRERO 33 N Dorland 25x80. Thos W Sullivan to S Johnson.....Nov. 16, 1923

Nov. 27, 1923—E BERNARD 183 E Jones 23x60. Gozaria and Pasquale Lucia to The Greater City Lumber Co.....Nov. 27, 1923

Nov. 27, 1923—N SIXTEENTH 65 E Howard E 32xN 110. J O'Keefe to whom it may concern..Nov. 27, 1923

Nov. 27, 1923—LOT 5 BLK 21 Resub Blocks 18 and 21 Ptn Blk 19 and Lots lettered P. Q. R. S, St. Francis Wood Extn No. 2. H C and W J Mangels (as Mangels Bros) to whom it may concern....Nov. 27, 1932

Nov. 28, 1923—S O'FARRELL 137-6 W Hyde W 37-6xS 137-6. Carl F Ernst to whom it may concern.....Nov. 22, 1923

Nov. 28, 1923—W FORTY-SEVENTH Ave 125 S Balboa S 25xW 120. Ward L Mee to Meyer Bros.....Nov. 24, 1923

Nov. 28, 1923—LOT 17 BLK 6, Lakeview. John Wakrom to Martin Coffer .....Nov 28, 1923

Nov. 28, 1923—SW BRUSSELS 100 NW Felton NW 25xSW120. S Saari to whom it may concern.Nov. 27, 1923

Nov. 28, 1923—S BRYANT 166 W Second. Merton J Price to Buschke & Brown.....Nov. 27, 1923

Nov. 28, 1923—W MISSION 50 N Mowhawk. Pasquale Cirimelli to Franfi De Martini and Jno P Cuneo.....Nov. 26, 1923

Nov. 28, 1923—SE FRANKLIN AND Washington 19-8 on Franklin by 137-6. Zerker Bros to E K Nelson .....Nov. 26, 1923

Nov. 28, 1923—W FORTY-FIFTH AV 55 S Geary 65x100. Paul Kazil to S Steinauer.....Nov. 27, 1923

Nov. 28, 1923.—SE BALBOA AND Sixth Ave E 95xS 50. Frank P and Annoe L Monahan to A M Hardy.....Nov. 20, 1923

Nov. 28, 1923—S 20 FT. LOT 16 and N 20 ft. Lot 15 Blk 3252; S 10 ft. Lot 17 and N 40 ft. Lot 16 Blk 3251 Balboa Terrace. O M Hueter to Boxton & Zwieg.....Nov. 28, 1923

Nov. 28, 1923—N 10 FT. LOT 7 and S 20 ft. Lot 6 Blk E 468-B, Harder & Daniels Mission Tract. Victor Holmgren to whom it may concern.....Nov. 24, 1923

Nov. 28, 1923—N 15 FT. LOT 8 and S 15 ft. Lot 7 Blk 6488-E, Harder & Daniels Mission Tract. Victor Holmgren to whom it may concern

Nov. 28, 1923—SE THIRTY-EIGHTH Ave and Cabrillo 25x82-6. Chas Haggans to whom it may concern .....Nov. 28, 1923

Nov. 28, 1923—SE FIFTEENTH AND Julian Ave E 34xS 80. Mary J Anglum to A H Butham..Nov. 26, '23

Nov. 28, 1923—N 5 FT. LOT 6 all Lot 5 Blk 6468-E Harder & Daniels Tract. Victor Holmgren to whom it may concern.....Nov. 24, 1923

Nov. 28, 1923—W TWENTY-EIGHTH Ave 175 N Clement N 25xW 120. Richard McDonald to whom it may concern .....

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Nov. 22, 1923—N CLIFFORD Terrace 107-1¼ E Upper Terrace E 27-6xN 88. Reinhart Lumber & Planing Mill Co vs McCauley & Weber, Edward H and Edna M Hansen.....$268.03

Nov. 22, 1923—NE LOWELL 81-6 NW Hanover NW 25xNE 78 Ptn Lot 86, West End Hd. Assn. Reinhart Lumber & Planing Mill Co vs Lutz & Pinkerton and Maybell Pinkerton $1236.78

Nov. 23, 1923—NO. 2629 SAN JOSE Ave S line bet. Nagle and Foote Aves, West End Map 2. Hoff Magnesite Co vs S Bertone.....$144.06

Nov. 26, 1923—SW CLARION AVE & Mission 23-4xW 60. Marshall & Stearns Co vs E Steffen and R T Ludwig $187

Nov. 24, 1923—SE SACRAMENTO & Powell E 157-6 S 82 W 20 N 13-3 W 137-6 N 68-9. Kenneth MacDonald Jr and Maurice C Couchot vs Sacramento Powell Co.....$3750

Nov. 24, 1923—LINCOLN WAY 82-6 W Twenty-second Ave S 100xW 75. American Trading Co. of the Pacific Coast vs Oscar Heyman & Bro, J A & Mary Burby, Michael and Evelyn Regan and Inlaid Hardwood Co... .....$473.04

Nov. 24, 1923—S CABRILLO 107-6 W Twenty-third Ave S 85xW 25. American Trading Co of the Pacific Coast vs Oscar Heyman & Bro, Russel J and Mary C Birch and Inlaid Hardwood Co.....$138.01

Nov. 24, 1923—LOT 40 fmly West end Block 677 No. 1060 Clayton St. and No. 1081 Ashbury St. and having frontage of 112.46 m or l on W Ashbury St. and frontage of 118.84 m or l on E Clapton and having N line of 56.17 m or l to Lot 41. A E Lovett vs Margaret Grant or Mrs. L U Grant $140

Nov. 26, 1923—SW MISSION AND Clarion Ave W 60xS 23-4. The Berger Mfg Co vs Ernest Steffens and Herman T Ludwig.....$94.78

Nov. 28 1923—NW BUSH & MASON 68-9x100. American Trading Co of the Pacific Coast vs Henry and Mary Voorman and Inlaid Hardwood Co. $74.74

Nov. 28, 1923—E TWENTY-THIRD Ave 25 S Lincoln Way E 82-6xS 75. American Trading Co. of the Pac. Coast vs Oscar Heyman and Inlald Hardwood Co.....$462.50

Nov. 28, 1923—LOT 3 BLK 770 SE McAllister and Octavia. American Trading Co. of the Pacific Coast vs Emile M Pissis, Frank Heubert & Inlaid Hardwood Co.....$90

Nov. 28, 1923—W FOURTH AVE 275 S Cornwall S 25xW 120. M Monson vs Sophie Rasken $293

Nov. 28, 1923—W TWENTY-THIRD Ave 136-6 S Judah S 27-3xW 120. Chas V Lahtinen s Spring Valley Lumber Yard and Seth and Myrtle M Butler $298.33

Nov. 28, 1923—W TWENTY-THIRD Ave 109-3 S Judah S 27-3xW 120; W Twenty-third Ave 163-9 S Judah S 27-3xW 120. Charles V. Lahtiner vs Spring Valley Lumber Yard and H W Bode.....$298.33

Nov. 28, 1923—N O'FARRELL 32-6 E Octavia E 50xN 120. M E Mullins vs Rose S Fritz.....$93.50

Nov. 28, 1923—LOT 29 & Ptn Lot 30 Blk 2888 Claremont Court Blks 2887 and 2888 Parcel 2. C F Parker vs R D Lang and Oswald Savage $252.50

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Nov. 22, 1923—NO. 123-125 STILLMAN Ole Olson, $46.60; Edward W Welsh, $70 to Gust Angelos and Pacific Pie Co.....

Nov. 22, 1923—E MISSION 268 S Twenty-third S 55xE 122-6. George McCauley to Mrs. A Schnitman $76.50

Nov. 28, 1923—W SANTA ANA AVE 115 N Darien Way N 25 — Lot 7 and S 15 ft. Lot 6 Blk 3253, Balboa Terrace. American Trading Co of the Pacific Coast to O M and Wilhelmina Hueter $96.26

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Nov. 23, 1923—NE EDDY & TAYLOR 137-6 on Eddy and 50 on Taylor, No. 184 Eddy St. Thomas J Neilan and Chas M Dufficy as to improvements on property.....

Nov. 23, 1923—SE GOUGH AND Chestnut 25x87-6. George Ravani as to improvements on property..

Nov. 27, 1923—N TURK 68-9 E Taylor E 30xN 112-6. Harry B Allen and Frank Sutton as to improvements on property .....

Nov. 27, 1923—N CHESTNUT 112-6 E Gough E 25xN 137-6. American Hardwood Floor Co vs Achille and Sadie Ragghianti and Fred S Johnson $469

Nov. 28, 1923—NO. 436 TO 461 EDDY St. Ackerman Estate Co as to improvements on property.....

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Nov. 24, 1923—W BAKER 100 N Pine N 25xW 106-3. Ben J and Laura T Goldman with Richmond Concrete Co. Work ceased.....Oct. 13, 1923

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
5518	Denbigh	Owner	6840
5519	Hind	Owner	6000
5520	Marquis	Owner	3750
5521	Woods	Betz	1000
5522	Applebaugh	Keene	2500
5523	Dutra	Hartley	2500
5524	Dewey	Barr	3000
5525	Dewey	Barr	4000
5526	Key	Owner	10300
5527	Calif .Mfg.	Power	1800
5528	Goesch	Goranson	4900
5529	Blodgett	Owner	2500
5530	Blodgett	Owner	3000
5531	Blodgett	Owner	6000
5532	Rubenstein	Owner	3500
5533	Anderson	Owner	3000
5534	Texdahl	Texdahl	2000
5535	Cord	Owner	2300
5536	Almond	Ballard	1200
5537	Riegelhaupt	Rich	5500
5538	Riegelhaupt	Rich	5500
5539	Kenna	Sprague	6500
5540	Mesahan	Coward	6197
5541	Robinson	Porter	6000
5542	Werner	Owner	2500
5543	Perrott	Owner	4000
5544	Thomas	Livingston	2000
5545	Owens	Owner	4000
5546	Alameda	Owner	2750
5547	Same	Same	2750
5548	Same	Same	2750
5549	Same	Same	2750
5550	Same	Same	2750
5551	Marshall	Owner	4000
5552	Gaubert	Owner	5000
5553	Comer	Owner	2000
5554	Brauley	Palmer	3000
5555	McClain	Baugham	1480
5556	Kiel	Scott	6750
5557	Kellogg	Knight	1500
5558	Same	Same	1500
5559	Fowles	Lindquist	3000
5560	McChesney	Owner	40000
5561	Michels	Baird	8900
5562	Dunbar	Owner	6000
5563	Casini	Hansen	4150
5564	Amerisan	Owner	2600
5565	Wakliun	Hunter	3500
5566	Croll	Owner	3500
5567	Michels	Stolt	10500
5568	O'Brien	Moe	5000
5569	Lang	Sheridan	26500
5570	Smith	Owner	40000
5571	Broat	McCall	11931
5572	Blackman	Flittner	2500
5573	Albasio	Almquist	2260
5574	Huffschmidt	Owner	3950
5575	Pelton	Bartlett	40472
5575	Hillegass	Owner	4400
5576	Roahaugh	Beadell	4500
5577	Seargent	Owner	1500
5578	Gillispie	Henderson	3000
5579	Norgrove	Owner	3400
5580	Newman	Barham	4750
5581	Cook	Barham	4750
5582	Marquis	Owner	4000
5583	Davis	Agrella	4500
5584	Keetdelman	Peterson	3800
5585	Grogan	Easterley	7317
5586	Marshall	Owner	5000
5587	McIntler	Owner	5000
5588	Myers	Francisca	2000
5589	Watkins	Brown	2200
5590	Pacific	Pedgrift	18000
5591	Gebhardt	Rich	3500
5592	Palmquist	Owner	2800
5593	Hardwick	Lack	2000
5594	Roman	Lasen	214442
5595	Tyler	Owner	1000
5596	Krolty	Owner	4000
5597	Costelli	Nichols	3200
5598	Herger	Flittner	3760
5599	Applebaugh	Anderson	2700
5600	Raahauge	Beadell	4500
5601	Brett	Owner	5600
5602	Holm	Morgensen	5000
5603	Phlegar	Short	5700
5604	Myers	Owner	5500
5605	Smith	Dolan	5680
5606	Taylor	Stackon	1850
5607	Woolsey	Butterfield	1700
5608	Rocca	Toda	7500
5609	Maghan	Coward	6000
5610	Phillips	Phillips	6000
5611	Rexy	Knight	8000
5612	Herndon	Pearson	3500
5613	Baker	Owner	5000
5614	McKinna	Sprague	7000
5615	Frishie	Moe	1125
5616	Noble	Owner	4000
5617	Davis	Carter	7000
5618	Johnson	Owner	4250
5619	Dunn	Owner	1600
5620	Raame	Anderson	3200
5621	Costa	Baker	2000
5622	Stanley	Owner	5000
5623	Church	Cuthbertson	40000
5624	Cranston	Owner	4300
5625	Alameda	Fish	2892
5626	Pugh	Owner	5000
5627	Stein	Person	14000
5628	Edge	Lyon	5000
5629	Edge	Lyon	5000
5630	Roseberg	Lundberg	7200
5631	Aaronsen	Campomenosi	5000
5632	Taylor	Taylor	2500
5633	Schaffer	Leonardo	2200
5634	Hermann	Owner	3500
5635	Cole	Owner	6500
5636	Lemer	Anderson	3000
5637	Neergard	Owner	4000
5628	Stringer	Owner	3000
5639	Luflang	Owner	5000
5640	Newman	Owner	3000
5641	Lurie	Hansen	50000
5642	McGahle	Martinelli	18500
5643	Grant	Mallett	16800
5644	Veness	Fox	8068

DWELLINGS
(5518) NO. 2724 PIEDMONT AVE. Piedmont Ave 71 S Forest, Berkeley Two two-story 5-room dwellings.
Owner—B. K. Denbigh, 2171 Shattnck Ave., Berkeley.
Architect—None. $3420 each

DWELLING
(5519) NO. 1035 OXFORD ST., Berkeley. One-story 6-room dwlg.
Owner—H. F. Hind, 1425 Milvia St., Berkeley.
Architect—None. $6000

DWELLING
(5520) NO. 533 SANTA ROSA, Berkeley. One-story 5-room dwelling
Owner—P. E Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3750

ALTERATION
(5521) 347 ALCATRAZ AVE., Oakland Alteration.
Owner—H. R. Woods, premises.
Architect—None.
Contractor—C. G. Betz, 1815 Acton St., Berkeley. $1000

DWELLING
(5522) 1463 EIGHTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—C. E. Applebaugh, 1451 88th Ave., Oakland.
Architect—None.
Contractor — Anderson Kenney, 2610 Orange Ave., Berkeley. $2500

ADDITION
(5523) 9300 E-FOURTEENTH ST., Oakland. Addition.
Owner—Mrs. A. Dutra, premises.
Architect—None.
Contractor—E. A. Hartley, Haywards. $2500

SHED ETC.
(5524) SE COR. FORTIETH AVE. & E-8th St., Oakland. 1-story shed and warehouse.
Owner Dewey & Almy Chemical Co., Rm. 662 Hotel Oakland.
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. $3000

OFFICE ETC.
(5525) NE COR. FORTIETH AVE. & E-8th St., Oakland. 1-story frame office and mfg. bldg.
Owner—Dewey & Almy Chemical Co., Hotel Oakland, Rm. 662, Oakland.
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. $4000

ALT & ADDITION
(5526) KEY SYSTEM PIER, Oakland. Alteration and addition.
Owner—Key System.
Architect—None. $10,300

GARAGE
(5527) W MARKET 250 S 10th St., Oakland. 1-story tile garage.
Owner—Calif. Mfg. Co., 9th and Market Streets, Oakland.
Architect—None.
Contractor—J. J. Power, 774 20th St., Oakland. $1800

DWELLING
(5528) 3615 PARK BLVD., Oakland. 1-story 5-room dwelling.
Owner—H. M. Goesch, 1321 Adeline St. Oakland.
Architect—None.
Contractor—H. Goranson, 3476 Laguna Ave., Oakland. $4900

DWELLING
(5529) 3707 PENNIMAN AVE., Oakland. 1-story 5-room dwelling.
Owner—N. A. Blodgett, 3940 E-14th St., Oakland.
Architect—None. $2500

DWELLING
(5530) 3701 PENNIMAN AVE., Oakland. 1-story 5-room dwelling and store.
Owner—N. A. Blodgett, 3940 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(5531) 2922 2928 2934 SHORT ST Oakland. 3 1-story 5-room dwellings.
Owner—N. A. Blodgett, 3940 E-14th St., Oakland.
Architect—None. $2000 each

DWELLING
(5532) 1817 SIXTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—G. A. Rufenstein, 5228 E-14th St., Oakland.
Architect—None. $3500

DWELLING
(5533) 2327 SIXTY-THIRD AVE, Oakland, 1-story 5-room dwelling.
Owner—A. T. Anderson, 2248 62nd Ave. Oakland.
Architect—None. $3000

DWELLING
(5534) 2137 SEMINARY AVE., Oakland. 1-story 3-room dwelling.
Owner—J. M. Texdahl.
Architect—None.
Contractor—C. M. Texdahl 5375 Belgrave Place, Oakland. $2000

DWELLING
(5535) W SEVENTY-SEVENTH AVE. 550 N E-14th St., Oakland. 1-story 4-room dwelling.
Owner—E. J. McCord, San Leandro.
Architect—None. $2800

ALTERATION
(5536) SE COR. SIXTEENTH & CAMPbell Sts., Oakland. Alteration.
Owner—John Almond, 550 18th St, Oakland.
Architect—None.
Contractor — J. Chester Ballard, 2628 13th Ave., Oakland. $1200

DWELLING
(5537) NE COR. THIRTEENTH AND E-32nd St., Oakland. 1-story 5-rm. dwelling.
Owner—G. B. Deuble, 1524 Franklin St., Oakland.
Architect—None. $3000

DWELLING
(5538)S TRESTLE GLEN ROAD, 270 Brookwood, Oakland. 1-story 6-rm. dwelling.
Owner—Dr. Riegelhaupt, Oakland.
Architect—None.
Contractor—Jas. L. Rich, 743 Hilgirt Circle, Oakland. $5500

DWELLING
(5539) S FIFTY-THIRD ST. 300 E Shattuck Ave. E 40 S 104, Oakland. All work for duplex dwelling and garage.
Owner—Mary R. McKenna, Oakland.
Architect—None.
Contractor—J. E. Sprague, 4518 Edgewood, Oakland.
Filed Nov. 23, 1923. Dated Nov. 10, 1923.
Contr. takes 2nd mort $1000
Usual 35 days 500
TOTAL COST, $6500
Bond, Sureties, Forfeit, none; Limit, 70 days; Plans and specifications filed.

DWELLING
(5540) LOT 14 BLK 10 MAP CLAREmont, Berkeley. All work for 2-sto. 7-room dwelling.
Owner—Mabel Mesahan, Oakland.
Architect—None.
Contractor—Joseph Coward, 349 62nd Oakland.
Filed Nov. 22, 1923. Dated Nov. 10, 1923.
Frame up .....¼
White coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6197
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(5541) 2245-47 ADAR ST, Berkeley. 2-story 6-room dwelling.
Owner—Ronald Robinson.
Architect—None.
Contractor—H. H. Porter, 2947 Piedmont Ave., Berkeley.

DWELLING
(5542) 1406 DWIGHT WAY, Berkeley. 1-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2500

DWELLING
(5543) 1938 HOPKINS ST., Berkeley. 1-story 6-room dwelling.
Owner—R. Perrott, 1136 Fresno Ave., Berkeley.
Architect—None. $4000

ADDITION
(5544) 2640 WARRING ST., Berkeley. Addition.
Owner—B. F. Thomas, premises.
Architect—None.
Contractor—W. Livingston, 2918 Ellis St., Berkeley. $2000

DWELLING
(5545) 1259 WARD ST., Berkeley. 1-story 6-room dwelling.
Owner—G. W. Owens, 1105 Santa Clara Ave., Alameda.
Architect—None. $4000

DWELLING
(5546) N ARKANSAS 115 W Curran, Oakland. One-story 5-room dwlg.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None. $2750

DWELLINGS
(5547) W CURRAN AVE 40, 80 and 140 N Arkansas, Oakland. Three one-story 5-room dwellings.
Owner—Alameda Investment Co., Syndicate Bldg., Oakland.
Architect—None. $2750 each

DWELLING
(5548) S DELAWARE 115 W Curran, Oakland. One-story 5-room dwlg.
Owner—Alameda Invst. Co., Syndicate Bldg., Oakland.
Architect—None. $2750

DWELLING
(5549) S MONTANA 115 W Curran, Oakland. One-story 5-room dwlg.
Owner—Alameda Invst. Co., Syndicate Bldg., Oakland.
Architect—None. $2750

DWELLING
(5550) N MONTANA 115 W Curran, Oakland. One-story 5-room dwlg.
Owner—Alameda Invst. Co., Syndicate Bldg., Oakland.
Architect—None. $2750

DWELLING
(5551) W BRYANT 200 S Manila, Oakland. One-story 4-room dwlg.
Owner—Howard Marshall, 581 48th St., Oakland.
Architect—None $4000

DWELLING
(5552) NO. 4735 BROOKDALE AVE., Oakland. One-story 6-room dwlg
Owner—N. Gaubert, 1910 40th Ave., Oakland.
Architect—None. $5000

DWELLING
(5553) SW GREEN ACRE ROAD AND Masterson St., Oakland. One-story 5-room dwelling.
Owner—G W. Comer, 1546 Gage St., San Francisco.
Architect—None. $2000

DWELLING
(5554) NO. 1311 E-THIRTY-SECOND St., Oakland. One-story 5-room dwelling.
Owner—J. P. Brauley.
Architect—None.
Contractor—A. P. Palmer, 3216 Telegraph Ave., Oakland. $3000

ALTERATIONS
(5555) NO. 1734 FIFTH AVE., Oakland. Alterations.
Owner—C. A McClain, Livermore.
Architect—None.
Contractor—J. W. Baughman, 1627 5th Ave., Oakland. $1480

WAREHOUSE
(5556) S EIGHTH 112 E Jefferson St., Oakland. One-story brick and tile warehouse.
Owner—C. Kiel, 314 Perry St., Oakland.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $6750

ALTER & ADDITION
(5557) E MARKET 70 S 52nd St., Oakland. Alter and add.
Owner—W. B. Kellogg.
Architect—None.
Contractor—Harry C. Knight, 388 12th St. Oakland. $1500

APARTMENTS
(5558) SE COR MARKET AND FIFty-second Sts., Oakland. 2-story 12-room apts.
Owner—W. B. Kellogg.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. $15,000

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

DWELLING
(5559) 1833 ONE HUNDRED FIRST Ave., Oakland. 1-story 4-room dwlg
Owner—A. L. Fowles, 540 28th St., Oakland.
Architect—None.
Contractor — Emil Lindquist, 1358 E-28th St., Oakland. $3000

APARTMENTS
(5560) E PARK BLVD. 300 S Wellington, Oakland. 3-story 48-room apts.
Owner—W. E. McChesney, 1315 San Luis Ave., Oakland.
Architect—None. $40,000

DWELLING
(5561) SW COR. ROSS AND FLORIO, Oakland. 2-story 7-romm dwlg.
Owner—Herbert A. Michels, 6127 Harwood, Oakland.
Architect—None.
Contractor—Leroy M. Baird, 1031 Bay View Oakland. $8900

DWELLING
(5562) 533 ROSAL AVE., Oakland. 1-story 6-room dwelling.
Owner—C. E. Dunbar, 3230 Oakland Ave., Oakland.
Architect—None. $6000

DWELLING
(5563) W RAYMOND 200 N Alcatraz, Oakland. 1-stofy 5-room dwelling.
Owner—A. Casini, 19a Beaver St., San Francisco.
Architect—None.
Contractor—Geo. Hansen, 652 51st St., Oakland. $4150

DWELLING
(5564) 9533 SUNNYSIDE ST., Oakland. 1-story 4-room dwelling.
Owner—American Const. Co., 1422 14th Ave., Oakland.
Architect—None. $2600

DWELLING
(5565) W SIXTY-FIFTH AVE. 100 S Arthur St., Oakland. 1-story 5-room dwelling.
Owner—Ole Wakliun, 3811 E-12th St., Oakland.
Architect—None.
Contractor—J. O. Hunter, 1337 51st Ave Oakland. $3500

DWELLING
(5566) E SIXTY-SEVENTH AVE. 690 N Arthur St., Oakland. 1-story 5-room dwelling.
Owner—W. A. Croll, 1925 69th Ave., Oakland.
Architect—None. $3500

APARTMENTS
(5567) SE COR THIRTY-FIFTH AND West Sts., Oakland. 2-story 12-rm. apartments.
Owner — E. Michels, 3440 West St., Oakland.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. $10,500

DWELLING
(5568) S TRESTLE GLEN 103 E Brookwood, Oakland. 1-story 5-room dwelling.
Owner—G. O'Brien, 3702 Leighton Ave., Oakland.
Architect—None.
Contractor — Samuel Moe, 4001 Woodruff Ave., Oakland. $5000

SODA WATER WORKS
(5569) SE COR. TENTH AND WEBster Sts., Oakland. 1 and 2-story brick soda water works.
Owner—Wm. Lang and Pioneer Soda Water Co., 10th and Webster Sts., Oakland.
Architect—None.
Contractor—Phil Sheridan, 1510 Harmon St., Berkeley. $26,500

DWELLING
(5570) N VICENTE RD. 50 E Grand View Drive, Oakland. 2-story 7-rm. dwelling.
Owner—L. D. & Marion C. Smith, 1618 Berkeley Way, Berkeley.
Architect—None. $4000

DWELLING
(5571) SW 125 LOT 10 BLK 1 EAST Piedmont Heights Ext., Oakland. All work for 2-story frame dwelling and garage.
Owner—Mary Broat.
Architect—Chas. W. McCall and Chas. T. Davis, Central Bank Bldg., Oakland.
Contractor—Alfred Peterson, 351 12th St., Oakland.

Filed Nov. 23, 1923. Dated Nov. 22, 1923.
1st and 15th day each month....75%
Usual 35 days 25%
TOTAL COST, $11,931
Bond, $5966.50; Sureties, Continental Casualty Co.; Forfeit, none; Limit, 100 days; Plans and specifications filed.

DWELLING
(5572) E EIGHTY-FOURTH AVE. 220 S Birch, Oakland. 1-story 4-room dwelling.
Owner—Clarence Blackman.
Architect—None.
Contractor — Jos. Flittner, 1700 35th Ave., Oakland. $2500

ADDITION
(5573) NE COR. FORTY-EIGHTH & Clark Sts., Oakland. Addition.
Owner—C. Albasio, premises.
Architect—None.
Contractor—A. H. Almquist, 442 B 48th St., Oakland. $2260

DWELLING
((5574) SHAFTER AVE., Oakland. 1-story 5-room dwelling.
Owner—Huffschmidt & Whalen, Federal Bldg., Oakland.
Architect—None. $3950

STORE BLDG.
(5575) LOTS 21 AND 22 S ½ LOT 23 Blk 193 Kellersbergers Map of Oakland. All work for two-story Class C store and loft building.
Owner — A. E. and Minnie M. Pelton, 1531 E-14th St., San Leandro; J. E. and Hilda E. Faustina, San Leandro; Howard and Harriet C. Brownstein 1954 Washington St., San Leandro.
Architect—E. W. Cannon, Central Bk. Bldg., Cakland.
Contractor—John M. Bartlett, 351 12th St., Oakland.
Filed Nov 24, '23. Dated Nov. 23, '23.
On 8th day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $40,472
Bond, $20,500. Surety, National Surety Co. Limit, 95 days. Forfeit, none. Plans and specifications filed.

DWELLING
(5575) 1700 ASHBY, Berkeley. 1-story 5-room dwelling.
Owner—E. E. Hillegass, 312 Olive Ave., Oakland.
Architect—None. $4400

DWELLING
(5576) 1308 CORNELL, Berkeley. 1-story 5-room dwelling.
Owner—Jacob F. Raahaugh, 1310 Cornell, Berkeley.
Architect—None.
Contractor—Beadell & Lane 909 Spruce St., Berkeley. $4500

DWELLING
(5577) 1635 LE ROY, Berkeley. 1-sto. 4-room dwelling.
Owner—A. E. Seargent, premises.
architect—None. $1500

DWELLING
(5578) 2512 McGEE, Berkeley. 1-story 5-room dwelling.
Owner—Annie I. Gillisple.
Architect—None.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $3000

DWELLING
(5579) 2204 SACRAMENTO, Berkeley. 1-story 5-room dwelling.
Owner—C. M. Norgrove, 2220 Roosevelt Berkeley.
Architect—None. $3400

DWELLING
(5580) 1603 TACOMA, Berkeley. 1-sto. 5-room dwelling.
Owner—S. J. Newman.
Architect—None.
Contractor—Barham Co., 1916 Broadway, Oakland. $4750

DWELLING
(5581) 1605 TACOMA, Berkeley. 1-story 5-room dwelling.
Owner—Cook.
Architect—None.
Contractor—Barham Co. $4750

DWELLING
(5582) 1301 WALNUT, Berkeley. 1-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck, Berkeley.
Architect—None. $4000

DWELLING
(5583) NO. 2862 ATWELL ST., Oakland. One and one-half-story 6-room dwelling.
Owner—Frank Davis.
Architect—None.
Contractor—A. J. Agrella, 1512 78th Ave., Oakland. $4500

STORE
(5584) NO. 9323 E-FOURTEENTH ST. Oakland. One-story store.
Owner—M. Keetdelman.
Architect—None.
Contractor—J. B. Petersen, — 38th Av., Oakland $3000

DWELLING
(5585) NO. 1054 LONGRIDGE ROAD, Oakland. Two-story 8-room dwlg.
Owner — Isabella Grogan, Frederick Apts., Oakland.
Architect—None.
Contractor—John 1. Easterley, 2137 Tiffin Road, Oakland. $7317

DWELLING
(5586) E MANOA 94 N Florio, Oakland. Two-story 6-room dwlg.
Owner—J. A. Marshall, 6320 Florio St., Oakland.
Architect—None. $5000

DWELLING
(5587) NO. 770 MANDANA BLVD., Oakland. One-story 6-room dwlg.
Owner—H. W. McIntier Co, 1528 Franklin St., Oakland.
Architect—None. $5000

ALTERATIONS
(5588) NW NINETY-FOURTH AVE. and E-14th St., Oakland. Alterations.
Owner—Chas. Myers, Prêmises.
Architect—None.
Contractor—C. B. Francisca, 1470 87th Ave., Oakland. $2000

DWELLING
(5589) NO. 1335 NINETIETH AVE., Oakland. One-story 4-room dwlg.
Owner—D. D. Watkins, 1422 90th Ave., Oakland.
Architect—None
Contractor—J. F. Brown, 1920 Seminary Ave., Oakland. $2200

FACTORY
(5590) W PERALTA ST., 200 N 18th St., Oakland. 1-story brick factory.
Owner—Pacific Shade Cloth Co., 360 Adeline St., Oakland.
Architect—None.
Contractor—J. H. Pedgrift, 4110 Broadway, Oakland. $18,000

DWELLING
(5591) S TRESTLE GLEN 550 & 600 N Brookwood Rd., Oakland. 2 1-story 6-room dwellings.
Owner—Dr. Gebhardt.
Architect—None.
Contractor—Jas. L. Rich, 743 Hillgirt Circle, Oakland. $5500

DWELLING
(5592) E SEVENTY-SECOND AVE. 79 S Vincent Lane, Oakland. 1-story 4-room dwelling.
Owner—N. Palmquist, 2018 Burbeck St., Richmond.
Architect—None. $2800

DWELLING
(5593) E SEVENTY-SECOND AV. 250 N Rudsdale, Oakland. 1-story 4-room dwelling.
Owner—F. Hardwick, 1622 Bdwy, Alameda.
Architect—None.
Contractor—Geo. Lack, 944 Eagle Ave., Alameda. $2000

SCHOOL
(5594) E THIRTY-FOURTH AVE. 640 N E-14th St., Oakland. 2-story concrete and steel school.
Owner—Roman Catholic Archbishop of San Francisco.
Architect — John J. Donovan, 1916 Bdwy., Oakland.
Contractor—Larsen & Siegrist Co. Inc., Claus Spreckels Bldg., San Francisco. $214,442

ADDITION
(5595) 3773 WEBSTER ST., Oakland. Addition.
Owner—A. C. Tyler.
Architect—None. $1000

DWELLING
(5596) S WALNUT AVE 300 W Lilac St., Oakland. 1-story 5-room dwlg.
Owner—A. G. Krolty, 4626 Walnut Ave. Oakland.
Architect—None. $4000

DWELLING
(5597) 1014 NINETY-SECOND AVE., Oakland. 1-story 5-room dwelling.
Owner—M. Costelli.
Architect—None.
Contractor—H. J. Nichols, 7710 Foothill Blvd., Oakland. $3200

DWELLING
(5598) NO. 1480 THIRTY-SIXTH AVE. being on Lot 3 Blk B Map John Stadtler Tract, Oakland. 1-story 6-room dwelling.
Owner—John Herger.
Architect—None.
Contractor — Jos. Flittner, 1700 35th Ave., Oakland.
Filed Nov. 26, 1923. Dated Nov. 24, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $3760
Bond, Sureties, none; Forfeit, $2 day; Limit, 90 days; Plans and specifications filed.

DWELLING
(5599) LOT 11 MAP MADISON Square, Oakland. 1-story 4-room dwelling.
Owner—C. E. Applebaugh, Oakland.
Architect—None.
Contractor—Charles A. Anderson and Clayton H. Keeney, 2160 Orange Ave., Oakland.
Filed Nov. 26, 1923. Dated Nov. 21, 1923.
Frame up $500
Brown coated 500
Completed and accepted 500
Usual 35 days 1250
TOTAL COST, $2750
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

DWELLING
(5600) LOTS 43 & 44 BLK S REGENT Park Tract, Berkeley. All work for 1-story 5-room dwelling.
Owner—Jacob F. & Henrietta A. Raahauge, 1310 Cornell, Oakland.
Architect—None.
Contractor—Beadell & Lane, 662 Fairview St., Oakland.
Filed Nov. 26, 1923. Dated Nov. 21, 1923.
Floor joists in place $900
Roof on 900
Plastered 900
Completed and accepted 900
Usual 35 days 900
TOTAL COST, $4500
Bond, Sureties, none; Forfeit, $10 day; Limit, 90 days; Plans and specifications, none.

RESIDENCE
(5601) 1327 GRAND AVE, Piedmont. 2-story 8-room residence and garage.
Owner — J. A. Brett, 732 E-20th St., Oakland.
Architect—None. $5600

RESIDENCE
(5602) 932 KINGSTON AVE., Piedmont. 1-story 5-room residence and garage.
Owner — Otto Holm, Belmont Apts., Oakland.
Architect—None.
Contractor — Morgensen Bros., 5664 Broadway, Oakland. $5000

RESIDENCE
(5603) 350 MAGNOLIA AVE., Piedmont. 1-story 5-room residence and garage.
Owner—J. T. Phlegar, Oakland.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave. Oakland. $5700

RESIDENCE
(5604) 124 RONADA AVE., Piedmont. 1-story 5-room residence and garage.
Owner—R. M. Myers, 33 Estrella Ave., Oakland.
Architect—None. $5500

RESIDENCE
(5605) 1080 WINSOR AVE., Piedmont. 1-story 6-room residence and garage.
Owner—C. J. Smith, 3935 Elston Ave.,
Architect—None.
Contractor—Leo J. Dolan, 400 Syndicate Blgd., Oakland. $5680

)WELLING
5606) 1311 ACTON, Berkeley. 1-story 4-room dwelling.
)wner—H. W. Taylor.
.rchitect—None.
'ontractor—W. J. Stackan $1850

.DDITION
5607) 2074 ADDISON ST., Berkeley. Tile addition to garage.
)wner—W. E. Woolsey, Berkeley.
.rchitect—None.
'ontractor—T. P. Butterfield, 2488 Shattuck, Berkeley. $1700

)WELLING
5608) 1223 GLEN, Berkeley. 1-story 8-room tile dwelling.
)wner—B. T. Rocca, 1909 Francisco St. Berkeley.
rchitect—George Cantell, Monadnock Bldg., San Francisco.
'ontractor — I. L. Todd, 1036 Santa Clara Ave., Alameda. $7500

)WELLING
5609) 174 HILLCREST, Berkeley. 2-tory 7-room dwelling.
)wner—Mabel Maghan, 446 Chabot Rd, Oakland.
.rchitect—None.
'ontractor—J. Coward, 649 62nd St., Oakland. $6000

)WELLING
5610) 2608 MARTINEZ, Berkeley. 2-story 7-room dwelling.
)wner—Ida M. Philips, 1120½ Euclid Ave., Berkeley.
.rchitect—None.
'ontractor — John D. Philips, 1120½ Euclid Ave., Berkeley. $6000

GARAGE
5611) 2295 SAN PABLO AVE., Berkeley. 1-story Class C garage.
)wner—Rexy Mfg. Co., 1820 Goss St., Oakland.
'ontractor—Harry C. Knight, 388 12th St., Oakland. $8000

)WELLING
5612) 528 VINCENTE, Berkeley. 1-story 4-room dwelling.
)wner—Mrs. Esther L. Herndon, Yolo Ave., Berkeley.
.rchitect—None.
'ontractor—G. A. Pearson, 1728 Oak View Ave., Berkeley. $3500

)WELLING.
5613) 1338 BATES ROAD, Oakland. One-story 5-room dwelling.
)wner—W. J. Baker, 2255 Ransome Ave., Oakland.
.rchitect—None. $5000

)WELLING.
5614) S FIFTY-THIRD ST., 200 E Shattuck, Oakland. One-story 8-room, 2-family dwelling.
)wner—Mary McKenna, 521 53rd St., Oakland.
.rchitect—None.
'ontractor—J. E. Sprague. $7000

GARAGE.
5615) W FILBERT ST., BETWEEN 16th and 18th Sts., Oakland. One-story brick garage.
)wner—Mrs. G. M. Frisbie, 776 16th St., Oakland.
.rchitect—None.
'ontractor—H. A. Moe, 4116 Allendale Ave., Oakland. $1125

)WELLING.
5616) NW COR. FIFTY-EIGHTH and Adeline Sts., Oakland. One-story 6-room dwelling.
)wner—G. H. Noble, 1336 Park St., Alameda.
.rchitect—None. $4000

.DDITION.
5617) S FIFTH STREET, 120 E Franklin, Oakland.
wner—Hyman Davis.
rchitect—None.
ontractor—V. H. Carter, Bank of Italy Bldg., Oakland. $7000

WELLING.
5618) 1040-42 STANFORD AVE., Oakland. One-story, 6-room, 2-family dwelling.
wner—H. Elmer Johnson, San Leandro.
rchitect—None. $4250

WELLING.
5619) W JONES AVE., 45 S Burr, Oakland. One-story 3-room dwelling.
Owner—W. M. Dunn, 9835 Burr St., Oakland.
Architect—None. $1600

DWELLING.
(5620) 539 FORTY-SECOND ST., Oakland. One-story, 5-room dwelling.
Owner—F. J. and Mary Ramme, 3912 ebster St., Oakland.
Architect—None.
Contractor — A. Frederick Anderson, 2800 Delaware, Oakland.
Filed Nov. 27, 1923. Dated Nov. 26, 1923.
Frame up .....$ 400
Brown coated 800
Completed & accepted 1200
Usual 35 days 800
TOTAL COST, $3200
Bond, Sureties, Forfeit, Limit, none; Plans and Specifications not filed.

ALTERATIONS
(5621) 2528 CLEMENT AVE, Alameda. Alterations.
Owner—Robert Costa, premises.
Architect—None.
Contractor—R. D. Baker, 2325 Clement St., Alameda. $2000

DWELLING
(5622) 1519 HIGH ST., Alameda. 1-story 5-room dwelling.
Owner—W. H. Stanley, 1517 High St., Alameda.
Architect—None. $5000

FIRE REPAIRS
(5623) OAK AND CENTRAL, Alameda. Fire repairs.
Owner—First M. E. Church.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., San Francisco. $40,000

DWELLING
(5624) 2124 SAN JOSE AVE., Alameda 1-story 6-room dwelling.
Owner—A. R. Cranston, 1351 Grove St., Alameda.
Architect—None. $4300

DWELLING
(5625) 1810 WOOD ST., Alameda. 1-story 5-room dwelling.
Owner—Alameda Land Co., 1434 Park St., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $2892

DWELLING
(5626) 808 OXFORD, Berkeley. 2-sto. 6-room dwelling.
Owner—C. E. Pugh, 596 22nd St., Oakland and Allen Goldworthy, 856 20th St., Oakland.
Architect—None. $5000

FLATS
(5627) 2322 CEDAR ST., Berkeley. 2-story 16-room flats.
Owner—H. I. Stein, 1514 Grove St., Berkeley.
Architect—None.
Contractor—Emil Person, 2224 Rose St. Berkeley. $14,000

DWELLINGS.
(5628) W BOSTON 37 74 N Pleasant, Oakland. Two 1-story 4-room dwellings.
Owner—F. W. Edge, 3225 Boston, Oakland.
Architect—None.
Contractor—O. F. Lyon, 1945 Grand St., Richmond. $2500 each.

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

DWELLINGS.
(5629) N PLEASANT ST., 100 W Boston. Two 1-story 4-room dwellings.
Owner—F. W. Edge, 3225 Boston, Oakland.
Architect—None.
Contractor—O. F. Lyon, 1945 Grant St., Richmond. $2500 each.

DWELLINGS.
(5630) 7827 7821 ASH ST., Oakland. Two 1-story 5-room dwellings.
Owner—A Roseberg, 1712 48th Ave., Oakland.
Architect—None.
Contractor—M. Lundberg, 4515 ond St., Oakland. $3600 each.

DWELLING.
(5631) 571 ATHOL AVE., Oakland. One-story 5-room dwelling.
Owner—A. Aaonsen, 3444 Elm St., Oakland.
Architect—None.
Contractor — E. Campomenosi, 5238 Lawton Ave., Oakland. $5000

DWELLING.
(5632) NW COR EIGHTY-SIXTH AVE and Dowling, Oakland. One-story 5-room dwelling.
Owner—L. S. Taylor, 1621 10th Ave., Oakland.
Architect—None.
Contractor—C. L. Taylor, 1621 10th Ave Oakland. $2500

DWELLING.
(5633) E EIGHTY-FIFTH AVE., 200 S Birch, Oakland. One-story 4-room dwelling.
Owner—L. H. Schaffer, 1735 85th Ave., Oakland.
Architect—None.
Contractor—F. J. Leonardo, 1462 86th Ave., Oakland. $2200

DWELLING.
(5634) S FIFTY-SIXTH ST., 215 W Telegraph, Oakland. One-story 5-room dwelling.
Owner—W. Hermann, 534 55th St., Oakland.
Architect—None. $3500

GARAGES.
(5635) N FORTY-NINTH ST., 100 E Telegraph, Oakland. Two 1-story tile garages.
Owner—E. O. Cole, 5008 Telegraph, Oakland.
Architect—None. $6500

BOILER ROOM.
(5636) 861 ISABELLA ST., Oakland. One-story brick boiler room.
Owner—M. Lemer. premises.
Architect—None.
Contractor—N. A. Andersen, 1927 Napa Ave., Oakland. $3000

DWELLING.
(5637) 3534 RHODA AVE., Oakland. One-story 5-room dwelling.
Owner—N. Neergard, 2615 High St., Oakland.
Architect—None. $4000

DWELLING.
(5638) W RANSOM AVE., 200 S Lyon, Oakland. One-story 5-room dwelling.
Owner—T. Stringer, 3754 E-14th St., Oakland.
Architect—None. $3000

DWELLING.
(5639) NW COR. SALISBURY and 35th Ave., Oakland. One-story 6-room 2-family dwelling.
Owner—Jacob Leeflang, 1518 78th Ave., Oakland.
Architect—None. $5000

DWELLING.
(5640) 2438 SIXTY-FIFTH AVE, Oakland. One-story 5-room dwelling.
Owner—E. O. Newman, 2316 Buena Vista Ave., Alameda.
Architect—None. $3000

OFICE BLDG.
(5641) NE COR. THIRTIETH and Adeline Sts., Oakland. Two-story concrete office building.
Owner—Lurie Co., 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—F. L. Hansen, 251 Kearny St., San Francisco. $50000

GARAGE
(5642) NW PIEDMONT AVE. 544.03 NE New Broadway NE 66-8 NW 155.27 SW 68.78 SE 138.35, Oakland. All work for 1-story concrete garage except air compressor tank & light fixtures.
Owner—Robert McGahie & S. J. Palmer, Mills Bldg., San Francisco.
Architect—P. F. De Martini, 946 Broadway, San Francisco.
Contractor—J. Martinelli, 180 Jessie St. San Francisco.
Filed Nov. 28, 1923. Dated Nov. 22, 1923.
Steel in place $3465
Conc. poured to roof 3465
Roof on 3465
Completed and accepted 3465
Usual 35 days 4640
TOTAL COST, $18,500
Bond, $9250; Sureties, Pilade Carmignani & John Cassaretto; Forfeit, none; Limit, 60 days; Plans and specifications filed.

DWELLING
(5643) SW COR. SANTA BARBARA Ave. & Northampton Road, Berkeley. All work for 2-story 8-room frame dwelling.
Owner—William Grant, 2820 Pacific Ave., San Francisco.
Architect—J. E. Norberg & B. S. Hayne Balboa Bldg., San Francisco.
Contractor — Fowler Mallet, Acheson Bldg., San Francisco.
Filed Nov. 28, 1923. Dated Nov. 26, 1923.
Frame up .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
Owner pays sub-contractors.
TOTAL COST—Not over $16,800; contractor gets $1680.
Bond, $8400; Sureties, J. H. Mallett and Arthur D. King; Forfeit, none; Limit, 100 days; Plans and specifications filed.

DWELLING.
(5644) LOT 4, BLK. A in San Antonio Court, between San Luis Road and San Antonio St., Berkeley. Seven-room dwelling.
Owner—Chas. and Jennie B. Veness, 3110 College Ave., Berkeley.
Architect—None.
Contractor—Fox Bros., 569 Kenmore Ave., Berkeley.
Dated Nov. 11, 1923. Filed Nov. 10, 1923.
1st floor joists laid.....1-5
Roof on 1-5
Plastered 1-5
Completed and accepted 1-5
Usual 35 days 1-5
TOTAL COST, $8068
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications not filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Nov. 22, 1923—LOT 1 BLK "B" Piedmont Park Tract, Piedmont. F T King to whom it may concern.....Nov. 21, 1923

Nov. 22, 1923—LOT 2 BLK 26, Map Melrose Heights, Oakland. August Olson to whom it may concern.....Nov. 22, 1923

Nov. 22, 1923—LOT 21 BLK "E" Map Kenwood Park, Oakland. Jorgen Diggerness to whom it may concern .....Nov. 22, 1923

Nov. 22, 1923—LOT 9 BLK 15 Map Northbrae, Berkeley. J F Altermott to whom it may concern.....Nov. 17, 1923

Nov. 22, 1923—LOT 1 AND W 10 Lot 2 Blk 9, Map Allendale Tract, Oakland. Stanislaw Wisniewski to Wm A Morgan.....Nov. 16, 1923

Nov. 22, 1923—LOT 8 Map Fuller & Todd Tract, Oakland. Manuel Gomes to Frank J Leonardo.....Nov. 20, 1923

Nov. 22, 1923—E SAN PABLO AVE 40-6 N Addison 30.12x106.31, Berkeley. S B Hoy to C Texdahl.....Nov. 15, 1923

Nov. 22, 1923—OAKLAND PIER, Oakland. Southern Pacific Co to Hutchinson Co.....Nov. 12, 1923

Nov. 22, 1923—LOTS 132 AND 133 Blk 32, Map Havenscourt Tract, Oakland Elizabeth and Lloyd Prescott to Chas D Hart & Frank Critchett .....Nov. 20, 1923

Nov. 21, 1923—LOT 28 BLK "B" East Piedmont Heights, Oakland. G C Hulme to Jas E Grubb..Nov. 20, 1923

Nov. 23, 1923—E NIELSON 150 from Francis St., ———. Doyle Baker to John Carlson.....Nov. 2, 1923

Nov. 23, 1923—S MOSS AVE 472½ E Telegraph Ave 37½x115, Oakland. George C and Maria C Fenn to whom it may concern..Nov. —, 1923

Nov. 23, 1923—LOT 21 BLK 7, Boulevard Park Addition, Oakland. T P Sanders to whom it may concern.....Nov. 23, 1923

Nov. 23, 1923—NO. 2107 HIGH ST., Oakland. E K and Jennie Feige to Fred H Field.....Nov. 19, 1923

Nov. 23, 1923—NO. 3535 RANDOLPH Ave., Oakland. P C Bayard to John Vaughan.....Nov. 22, 1923

Nov. 23, 1923—NE MOSS AVE AND New Broadway N 178.75 E 150 N 192 E 250 S 443 W 322-8, Oakland. Fabiola Hospital Assn to Monarch Iron Works.....Nov. 15, 1923

Nov. 22, 1923—NW THIRTEENTH & Clay N 37¼ W 40-10¼ N 2-1¼ W 60-2⅝ S 39-1½ E 101⅞, Oakland. C J Heeseman to E T Leiter.....Nov. 15, 1923

Nov. 22, 1923—NE FIFTEENTH AND Broadway N 124xE 100, Oakland. Broadway Realty Co to William Knowles.....Aug 1, 1923

Nov. 22, 1023—NO. 2128-30 CENTER St., Berkeley. H W Ennor to J P Brennan.....Nov. 22, 1923

Nov. 24, 1923—LOTS 14 TO 23 INCLU. Blk 86, Complete Map of Oakland by Julius Kelleisberger, Oakland. Hebern Electric Code, Inc to Carl T Woell, Nov. 11, 1923; Vermont Marble Co, Nov. 22, 1923; Western Asbestor Magnesia Co, Nov. 20, 1923 and W P Fuller & Co....Nov. 16, 1923

Nov. 24, 1923—PTN LOTS 39 AND 40 Map Crocker Highlands, Oakland. Henrietta S Clarke to whom it may concern.....Nov. 23, 1923

Nov. 24, 1923—(1) LOT 3 BLK 10; (2) Lot 16 Blk 11, Map Hollywood, San Leandro. S Victor Davidow to R E Niekerk.....Nov. 20, 1923

Nov. 24, 1923—NO. 4206 REDDING ST. Oakland. Jennie Matheyer to L B Matheyer & Co.....Nov. 23, 1923

Nov. 24, 1923—NO. 4655 PARK BLVD. Oakland A. Robert and Jawell Frances Traxler to Floyd Perry.....Nov. 19, 1923

Nov. 26, 1923—LOT 13 BLK 3, Miramonte Tract, Berkeley. Harold de Normandie to whom it may concern.....Nov. 26, 1923

Nov. 26, 1923—NO. 3112 ARIZONA St., Oakland. Ralph E Frederick to whom it may concern.....Nov. 26, 1923

Nov. 26, 1923—NO. 2014 TWENTY-fourth Ave., Oakland. Fritz Rinkert to Otto Rinkert....Nov. 24, 1923

Nov. 26, 1923—NO. 876-80 BROCKhurst St., Oakland. Chas Rollar to Rollar & Stone.....Nov. 17, 1923

Nov. 27, 1923—LOT 13 BLK "B" Map Lakeshore Terrace, Oakl. Joseph Cogorno to C W Short..Nov. — 1923

Nov. 28, 1923—NO. 3715 PORTER ST., Oakland. Jas B Grubb to whom it may concern.....Nov. 28, 1923

Nov. 28, 1923—LOT 6 BLK 2192/771 Levy & Lane Tct, Oakland. Daniel and Adeline Osborne to H T McCarter.....Nov. 24, 1923

Nov. 28, 1923—LOT 2 BLK "P" Map Blks M, N, O, P Harmon Tract, Berkeley. Hilary T Ripley to whom it may concern.....Nov. 24, 1923

Nov. 28, 1923—SW WOOLSEY ST. & College Ave W 100 S 100 E 91.31 N 100.38, Berkeley. Kenneth G Baillie to Joseph Coward.....Oct. 10, 1923

Nov. 28, 1922—2933 SIXTY-FIRST Ave, Oakland. Magdalena Silber Kick and Paul Louis Kick to whom it may concern.....Nov. 27, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Nov. 22, 1923 — SW E-TWENTY-eighth and SE 11th Ave SE 120x SW 55, Oakland. Walter Grey vs Margarite M and Herochic R Anonos, Geo M Merritt Bldg Co, Inc and George M Merritt.....$961.90

Nov. 22, 1923—W VINCENT 836.45 N Fifty-sixth St. N 32 W 102.74 S 20.22 E 100.69, Oakland. H Aronsen vs S R Gaddis and Mary Lee Kelly $73

Nov. 22, 1923—LOT 45 BLK 6, Resubdivision Ptn North Cragmont, Berkeley. Hunter Lumber Co vs J B White and D Leonard.....$811.31

Nov. 24, 1923—LOT 23 Map Henry & Phillips Tract, Oakland. G Opitz vs Bertha and Henry Luders..$731.83

Nov. 24, 1923—NO. 1511 HOPKINS ST. Berkeley. I Rambaud vs C E Rogers and W J Fraser.....$22.30

Nov. 26, 1923—NE 26.94 FT. LOTS 32, 33,34, and 35 Blk "H" Map Broadway Terrace, Oakland. H Aronson vs Oakland, San Francisco Impt Co, W A Knowles, J C Downey, J H Stevenson and J Doe Van De Carr $1026

Nov. 26, 1923—LOTS 1 AND 2 Map Sbdvn Blks E, F, and G, Mary E Mortimer Addition to Niles M S Foss vs S and Egizioe Di Guilio.....$3700

Nov. 26, 1923—SW E-TWENTY-eighth St. and SE 11th Ave SE 120 xSW 55, Oakland. F E Graw vs Margarite M and Herachio R Anonos, Geo M Merritt Bldg Co, Inc, and George M Merritt.....$78.06

Nov. 28, 1923—S A ST. 101.50 from W line Main St. W 64.09xS 150. Hayward. Quist Bros & Co vs Thos V O'Brien $321

Nov. 28, 1923—LOT 18 BLK 13, Map Lakeshore Highlands, Oakland. Michael Ebinger vs Frederick M and Edna May Gilberd and C Hamilton Elrod $600

Nov. 28, 1923—W CARLTON 85 S Monroe Ave. Oakland Hogan Lumber & Mill Co vs R L and L E Robbins 1726.93

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Nov. 21, 1923—LOTS 11 AND 12 BLK "F" Map Peralta Heights, Oakland. A Angelo to Margaret Prada and C C Williams $67

Nov. 23, 1923—LOT 8 BLK 5, Map Fourth Ave Heights, Oakland. Eureka Mill & Lumber Co to S R Gaddis, Ann E and A R Candlin..$150

Nov. 23, 1923—LOT 13 BLK "G" Crystal Springs Tct, Berkeley. Capelle & Swartout to Jeanie W. Bacon.....$368.50

Nov. 22, 1923—NE 4¾ LOT 5, All Lot 6, Blk 62 Map Subdivision No. 1, Park Place, Oakland. Fruitvale Electric Co to F E Vaughan..$518.48

Nov. 22, 1923—NE E-FOURTEENTH and SE Sunnyside Drive SE 50x NE 123, San Leandro. Swift & Co to Darling Harding & Co.....$703.58

Nov. 26, 1923—NW SIXTY-SECOND and Majestic Aves, Oakland. E L Blackman Co to C A Shipman.$314.43

Nov. 26, 1923—LOTS 31 AND 32 BLK 9, Map Las Palmas Tract, Brooklyn Tp. E L Blackman Co to J J Pearson and B Crokarts.....$147

Nov. 27, 1923—(1) SE SUNNYSIDE Drive 723 NE E-14th St NE 40 SE 179.71 SW 40 NW 179.74; (2) SE Sunnyside Drive 763 NE E-14th St. NE 40 SE 179.68 SW 40 NW 179.71; (3) SE Sunnyside Drive 843 NE E-14th St. NE 40 SE 179.61 SW 40 NW 179.64; (4) SE Sunnyside Drive 883 NE E-14th St. NE 40 SE 179.58 SW 40 NW 179.61; (5) SE Sunnyisde Drive 603 NE E-14th St. NE 40 SE 179.80 SW 40 NW 179.83; (6) SE Sunnyside Drive 523 NE E-14th St.: NE 40 SE 179.86 SW 40 NW 179.89; (7) SE Sunnyside Drive 283 NE E-14th St. NE 40 SE 180.05 SW 40 NW 180.80, San Leandro. Shas M Hammer to Darling-Harding & Co and Maria G Avellar $423

Nov. 27, 1923—S TRENOR 200 E 69th Ave, Oakland. E L Blackman Co to C R Schmidt $582.14

Nov. 27, 1923—SE SUNNYSIDE DR. 283 NE E-14th St. NE 40 SE 180.05 W 40 NW 180.80, San Leandro. Clarence A Doane to Darling. Harding & Co.....$257.50

Notice of Non-Responsibility

ALAMEDA COUNTY

Nov. 22, 1923—LOT 32 Map Dutton Manor Addition, San Leandro. O D Hamlin and W H L ynes as to improvements on property.....

Nov. 23, 1923—LOT 13 and SE 12-6 Lot 12 Blk 24, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property .....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

ACRAMENTO. Millwork for Hotel Senator.
wner—Hotel Senator.
rchitect—None.
ontractor—Hollenbeck-Bush Mill Co.
iled Nov. 17, 1923. Dated Nov. 5, 1923. Payments not given.
TOTAL COST, $60,075
ond, Sureties, Forfeit, Limit, Plans nd specifications, none.

ACRAMENTO. Mail chute in Hotel Senator.
wner—Hotel Senator Corp.
rchitect—None.
ontractor—Thomas Day Co., 929½ K St., Sacramento.
iled Nov. 17, 1923. Dated Oct. 15, 1923. Payments not given.
TOTAL COST, $1401
ond, Sureties, Forfeit, Limit, Plans nd specifications, none.

WELLING, one-story 5-room and garage, $4150; No. 577 Santa Ynez Way, Sacramento; owner, W. P. Cippa, 2560 27th St., Sacramento:
LACKSMITH shop, $2500; No. 1815 29th St., Sacramento; owner, Pacific Tel. & Tel. Co.
WELLING 1-story 5-room, and garage, $3900; 524 22nd, Sacramento; owner, E. Tully, 1025 8th, Sacramento; contractor, B. Hunt, 2926 S, Sacramento.
WELLING, one-story 5-room and garage, $3000; No. 3565 Folsom Blvd. Sacramento; owner, J. A. Palmer, 3318 Second Ave., Sacramento.
WELLING, one-story 5-room and garage, $3250; No. 4808 9th Ave., Sacramento; owner, Wright & Kimbrough, 718 J St., Sacramento; contractor, H. G. Birdsall, 1503 13th St., Sacramento.
WELLING, one-story 5-room and garage, $2800; No. 2109 31st St., Sacramento; owner, Birdsall, Monroe & Willis, 1503 13th St., Sacramento; contractor, H. G. Birdsall, 1503 13th St., Sacramento.
WELLING, one-story 5-room and garage, $2800; No. 2101 31st St. Sacramento; owner, Birdsall, Monroe & Willis; contractor, H. G. Birdsall.
WELLING, one-story 5-room and garage, $4500; No. 2641 Curtis Way, Sacramento; owner, Mrs. M. A. Ballagh, Los Angeles; contractor, R. L. Rathaway.
WELLING and garage, $9000; 3312 J Sacramento; owner, J. L. & Minnie Gerbel, 1116 5th, Sacramento; contractor, H. Goldman, 1116 5th St., Sacramento.
WELLING and garage, $4500; 700 So. Antonio St., Sacramento; owner, L. B. Keller, 1008 8th St., Sacramento contractor, N. H. Bateman, 1627½ 18th, Sacramento.
LATS, 2-story (4) 4-rooms each, and garage, $10,000; 1304 V, Sacramento; owner, H. L. Mee, 1920 13th St. Sacramento.
WELLING and garage, 2-story 6-rm., $6775; 608 42nd, Sacramento; owner F. B. Sutliff, 801 U, Sacramento; contractor, N. H. Bateman.
WELLING and garage $3400; 515 25th Sacramento; owner, J. W. Dodge, 2618 T, Sacramento; contractor, Thos. B. Hunt, 2926 S, Sacramento.
WELLING, 1-story 4-room, and garage, $2800; 532 San Antonio Way, Sacto.; owner, L. B. Keller, 1008 8th St., Sacramento; contractor, 2933 H, Sacramento.
WELLING, 1-story 4-room, and garage, $2900; 217 32nd, Sacramento; owner, Frank P. Williams, 4440 San Benito Way, Sacramento;.
WELLING and garage, 1-story 5-rm. $4350; 624 Santa Ynez Way, Sacramento.
WELLING, one-story 5-room and garage, $3500; No. 817 Santa Ynez Way, Sacramento; owner, A Simpson, 3883 I St., Sacramento; contractor, E. Wankleman, 2922 V St., Sacramento.

DWELLING, one-story 5-room and garage, $3730; No. 3921 Sherman Way, Sacramento; owner, J. G. Faria, 1615 13th St., Sacramento; conaractor, L. F. Gould, 1623 O St., Sacto.
DWELLING, one-story 6-room and garage, $7000; No. 2617 3rd Ave., Sacramento; owner, W. J. Mannix, Park View Apts., Sacramento; contractor, J. A. Saunders, 2810 I St., Sacramento.
DWELLING, one-story 6-room, $3500; No. 1451 47th St., Sacramento; owner, Wright & Kimbrough, 817 J St., Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 1449 47th St., Sacramento; owner, Wright & Kimbrough.
DWELLING, one-story 5-room and garage, $3500; No. 1448 47th St., Sacramento; owner, Wright & Kimbrough.
DWELLING, one-story 5-room and garage, $3500; No. 1460 47th St., Sacramento; owner, Wright & Kimbrough.
DWELLING, one-story 5-room and garame, $4125; No. 600 Santa Ynez Way, Sacramento; owner, M. J. Gallichotte, 629 15th St., Sacramento; contractor, C. Vanina, 2022 M St., Sacramento.
DWELLING, one-story 5-room and garage, $4200; No. 3300 2nd Ave., Sacramento; owner, Tony Hiola, 2900 La Soilda St., Sacrametnto; contractor, Jas. Edenhofer, 3300 2nd Ave., Sacramento.
DWELLING, one-story 5-room and garage, $4500; No. 2711 Caster Way, Sacramento; owner, F. L. Dixon, 1015 3rd St., Sacramento.
DWELLING, one-story 5-room and garage, $4500; No.2721 Caster St., Sacramento; owner, Frank L. Dixon.
DWELLING, one-story 5-room and garage, $4500; No. 2731 Caster St., Sacramento; owner, F. L. Dixon.
DWELLING, one-story 5-room and garage, $4500; No. 2741 Caster St., Sacramento; owner, Frank L. Dixon
DWELLING, one-story 5-room and garage, $4500; No. 2751 Caster St., Sacrfamento; owner, F. L. Dixon.
ADDITION, one-story, $3000; E ½ Lot 7, K. L. 5th and 6th Sts., Sacramento; owner, Carnie Mfg. Co., 515 L St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Nov. 21, 1923—LOT 104 Casa Loma Terrace, Sacramento. Carmichael Co to whom it may concern.....Nov. 19, 1923
Nov. 22, 1923—LOTS 1 & 2 & W ½ Lot 3 Q R 3 4, Sacramento. Lindley Bldg. Co. to whom it may concern .....Nov. 12, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Nov. 22, 1923—N ¼ LOT 5 O P 21 22, Sacramento. Sunset Lumber Co. vs. Lami Mahammod $529.30

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE and garage, $2500; 2348 East Hazelton, Stockton; owner, F. F. Heald.
GROCERY and meat market, $10,000; 445 West Washington, Stockton; owner, Marengo & Trombello.
RESIDENCE and garage, $6500; 1029 North Argonaut, Stockton; owner, Mrs. Corning.
DWELLING and garage, $2750; 2249 East Main, Stockton; owner, A. Villanueva.
RESIDENCE and garage, $2750; 1216 E Roosevelt; owner, M. P. Drais, Bk. of Italy Bldg., Stockton.
RESIDENCE and garage, $4500; 223 East Adams, Stockton; owner, Nels F. Nelson.
PARSONAGE, $8200; 611 East Lindsay, Stockton; owner, Trinity Lutheran Church.
RESIDENCE and garage, $3500; 1755 West Oak Park Ave., Stockton; owner, J. A. Salter, Linden Road, Stockton.
STORE BUILDING, $6500; 1901 N Madison, Stockton; owner, J. Marciano, 145 N Wyandotte, Stockton.
REMODEL, $16,000; 45 South Aurora, Stockton; owner, Georges Company 37 S Aurora, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Nov. 22, 1923—S ¼ OF LOTS 10 AND 12 Blk 21, Victory Park Terrace, Stockton. Vincent Dave Vaid to whom it may concern....Nov. 5, 1923
Nov. 23, 1923—LOT 16 BLK 26, Victory Park Terrace, Stockton. Vincent Valo to whom it may concern .....Nov. 5, 1923
Nov. 23, 1923—PTN LOT 12, Easton Heights Colony, Stockton. C W McAfee to Seymorer & Pembuton.. .....Nov. 19, 1923

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

DWELLING, $5750; No. 978 Roosevelt Ave., Fresno; owner, F. J. Waterman, 3335 Madison St., Fresno; contractor, L. L. Loux.
DWELLING and garage, $5000; No. 4008 Platt Ave., Fresno; owner, J. C. Morris, 3240 Lyell St., Fresno.
ICE cream plant, $12,000; No. 420 H St., Fresno; owner, Benham Ice Cream Co., 1420 H St., Fresno; contractor, Trewhitt-Shields.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Nov. 17, 1923—LOTS 45, 46, PRICHard Place, Fresno. J. A. Schlotthauer to whom it may concern.. .....Nov. 16, 1923
Nov. 17, 1923—KERN ST. & CAL AVE Fresno City Water Co. to whom it may concern .....Nov. 14, 1923
Nov. 20, 1923—LOTS 19 & 20 BLK 17 Pinedale, Fresno. Rita Martinez to Chas. E. Baker .....Nov. 17, 1923
Nov. 20, 1923—LOTS 24 & 25 BLK 8 La Sierra Tract. C. W. Bingham to W. T. Harris .....Nov. 1, 1923
Nov 21, 1923—LOTS 33 AND 34, Lonesomehurst. Harry A Thomas to whom it may concern..Nov. 16, 1923
Nov. 21, 1923—LOTS 13 AND 14 BLK 6, Roeding Addition, Fresno. Resco and Rachel Stallings to Roy Martin .....Nov. 16, 1923
Nov. 21, 1923—LOT 485, Forkner G F G. Hal M Orme to Thos Haslett .....Nov. 20, 1923
Nov. 22, 1923—LOTS 3 & 4 BLK 9, Kenmore Park, Fresno. Robt. E. Walker to whom it may concern.. .....Nov. 22, 1923
Nov. 23, 1923—LOTS 7, 8, 13, 14, BLK 7, La Sierra Tract, Fresno. O. F. Campbell to whom it may concern .....Nov. 22, 1923

Nov. 23, 1923—LOT 28 & PTN. LOT 29 Blk 2, Fresno Hts., Fresno. W. J. Palfrey to whom it may concern.. .....Nov. 22, 1923
Nov. 23, 1923—LOTS 29, 30 NISHkian Tract, Fresno. J. A. Schlotthauer to whom it may concern.. .....Nov. 22, 1923
Nov. 23, 1923—LOTS 16, 17, 18, BLK 1 Kings Orange Manor, Fresno, Fresno. Mary A. Thoman to whom it may concern .....Nov. 23, 1923
Nov. 24, 1923—CROSSING AT FIRST St., Selma. S. P. Co to Right Transfer Co.....Nov. 17, 1923
Nov. 24, 1923—KINGSBURG. S. P Co to Calif. Constr Co..Nov. 15, 1923
Nov. 24, 1923—LOT 12, Sohm's Second Addition, Fresno. R Jame s to C E Baker.....Nov. 21, 1923
Nov. 26, 1923—LOTS 20, AND 21 BLK 4, Torrance Terrace, Fresno. E D Guynn to whom it may concern... .....Nov. 24, 1923
Nov. 27, 1923—LOTS 26 AND 27 BLK 25, Paige Tct, Fresno. L A Erickson and O A Tedrow to whom it may concern.....Nov. 26, 1923
Nov. 27, 1923—LOTS 13 AND 14 Park Place, Fresno. W H Stammer to C M Hall.....Nov. 17 1923
Nov. 28, 1923—LOT 63 MONTPELlier Trace, Fresno. Thos. O. Thorn to whom it may concern.Nov. 28, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
Nov. 17, 1923—LOTS 7 & 8 Whitehouse Tract, Fresno. Valley Tile and Mantel Co. vs Walter B. Berton.....$70
Nov. 20, 1923—LOTS 7 AND 8 Whitehouse Tract, Fresno. Fisher-Glassford Hardware Co vs W B Burton $42
Nov. 20, 1923—S 97 FT. LOT 6 BLK 11, Wilson N. F. Tract, Fresno. Valley Sheet Metal Works vs F A Wolff Constr Co and Aurelia S Pridham.....$420
Nov. 23, 1923—LOT 8 BLK 18, HAZelwood, Fresno. G. Terzian vs. H. Kavoian. $3502
Nov. 24, 1923—LOTS 9 AND 10 BLK 118, Fresno. W W Renick vs H J and Ailda Buchenan and Dan Mancil $144
Nov. 27, 1923—LOT 26 N ½ LOT 25 Blk 2, Fanning Addition, Fresno. Routt Lumber Co,Inc vs Peter A Wolff and Isabella E O'Brien....$67

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE
N BERRYESSA ROAD nr Seventeenth St., near San Jose city limits. All work for one-story frame cottage, garage and septic tank.
Owner—P. Delamaglore, San Jose.
Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Megna & Newell, San Jose.
Filed Nov. 15, '23. Dated Nov. 14, '23.
Foundation completed and 1st floor joists framed in.....$1237.50
1st coat plaster on..... 1237.50
Garage & septic tank completed 1237.50
Usual 35 days..... 1237.50
TOTAL COST, $4950.00
Bond, $2500. Sureties, F. F. Boes and John Lindgren. Limit, 90 working days from Nov. 15, 1923. Forfeit, none. Plans and specifications filed.

COTTAGE
FIRST LOT E OF NE CORNER MARIposa and Park Aves, Hanchett Park Tract, San Jose. All work for one-story frame cottage.
Owner—J. H. and Clara Weaver, 330 S-3rd St., San Jose.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor — W. M. Myer, Cupertino, Cal.
Filed Nov. 16, '23. Dated Nov. 14, '23.
Frame erected $1592.50
1st coat plaster in house.... 1592.50
On completion 1592.50
Usual 35 days..... 1592.50
TOTAL COST, $6370.00
Bond, $3200. Sureties, A. L. Hubbard & John Lindgren. Limit, 90 working days from Nov. 16, '16, 1923. Forfeit, none. Plans and specifications filed.

DWELLING
NO. 930 FOREST AVE. 150 ft. NE from Seneca St. NE 100x-150, Palo Alto. All work for one-story frame dwlg.
Owner—Otto Wideman, 250 Byron St., Palo Alto.
Architect—Herman Krause, Bird and Palm Sts., Sao Jose.
Contractor—H. L. Upham, 432 Hawthorne St., Palo Alto.
Filed Nov. 19, '23. Dated Nov. 16, '23.
Cellar dug, foundation mudsille and 50% of joistst set and 60% framing material in ground 1490.00
Frame up, windows, outside door frames, sheathing, sub-floors, plumbing roughed in..... 1490.00
Wiring, 2 coats of plaster inside, 1 coat outside, exterior wood finish 90% completed..... 1490.00
Completed and accepted 1492.50
Usual 35 days..... 1987.50
TOTAL COST, $7950.00
Bond, none. Limit, 115 working days from Nov. 19, 1923. Forfeit, none. Plans and specifications filed.

ON THE W SIDE OF N THIRD ST. bet. Santa Clara and St. John Sts. next to Knights of Columbus Bldg., City of San Jose. All work except plumbing for reinforced concrete building.
Owner—San Jose Tobacco Co., 44-46 Post, San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—Z. O. Field & Son, W San Antonio, Santa Clara.
Filed — Dated Nov. 17, 1923.
Payments made from time to time upon certificate issued by architects to 75%; 25% to be paid in 35 days after completion of bldg.
TOTAL COST, $10,040
Bond, $5020; Limit, 50 working days from Nov. 24, 1923; Plans and specifications filed.

COTTAGE, 6-room, $4200; Eighth St. ner Martha, San Jose; owner, Gus Ladine; contractor, P. E. Petersen.
ALTERATIONS, $1400; No. 135 N-Ninth St., San Jose; owner, Carl Johnson, 86 Lenzen St., San Jose; contractor, Frank Peres.
COTTAGE, 5-room, $3000; St. James St. ner 16th, San Jose; owner, J. Grinella; contractor, Odell & Wilson.
COTTAGE, 5-room, $3500; Eleventh & St John Sts., San Jose; owner, A. Anderson.
COTTAGE, 6-room, $4300; Atlanta nr. Delmas, San Jose; owner, L. C. Rossi, 423 Atlanta, San Jose.
COTTAGE, 5-room, $3800; Atlanta nr. Delmas, San Jose; owner, L. C. Rossi, 423 Atlanta, San Jose.
BUS BLDG., brick $19,600; San Pedro and Julian; owner, Chas. H. Dietz, 127 N Market, San Jose; architect, Binder & Curtis, 255½ S 1st St., San Jose; contractor, Jorgensen & Thomy, 651 Prevoat St., San Jose.
COTTAGE, 3-room, $3000; Santa Clara near 14th, San Jose; owner, J. Taylor, 35 E Santa Clara, San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, J. Thorpe.
ALTERATIONS, $3000; 169 S Tenth, San Jose; owner, P. L. Vanucci, 187 Delmas, San Jose; contractor, Vincent Maggio, 1230 Sherman, San Jose.
COTTAGE, $3220; 13th near Empire, San Jose; owner, M. F. Serpa, 480 N 13th, San Jose; architect, Wm. H. O'Neil, 500 N 15th, San Jose.
ALTER front, $1050; No. 552 N-Santa Clara St., San Jose; owner, Moenning & Howard, 369 S-1st St., San Jose; contractor, Youngker & Hathaway.
COTTAGE, two-room, $1000; Eighteenth St. nr Jackson; owner, M. R. Maze; contractor, T. Varagas. z
COTTAGE, 5-room, $4400; Clintonia St. near Palm Haven, San Jose; owner, C. J. Wolfe; architect, Wolfe & Higgins, Auzerais Bldg. San Jose; contractor, Benj. Quimet.
ADDITION, one-story, $2500; 4th and Santa Clara Sts., San Jose; owner, Powell Bros., 124 E-Santa Clara St., San Jose; contractor, Dangerfield & Douglas.
ALTERATIONS, $1450; No. 55 N-Third St., San Jose; owner, K. of C. Hall Ass'n.; contractor, Megna & Newell.
COTTAGE, 5-room, $3000; Eleventh St near Julian; owner, E. F. Kelsey.
SMALL store, $1200; San Carlos St. opp Royal, San Jose; owner, S. Montanelli.
COTTAGE, 4-room, $1250; Julian St near 33rd St., San Jose; owner, H C. Booshardt.
COTTAGE, 4-room, $1000; Josefa St. nr Auzerais, San Jose; owner, S. H Carpen, 419 Josephine St., San Jose

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Nov. 19, 1923—NO. 626 VINE ST., San Jose. C Mingoia to V Maggio... .....Nov. 19, 1923
Nov. 19, 1923—236.80 FT. S along Palm St from the SE Cor. Palm and Humboldt Sts., Bk 13-S. R. NO. 5 West, James Lick Homestead Tct, San Jose. Agostino Di Maria and Josephine Di Marla to M M David.. .....Nov. 17, 1923
Nov. 19, 1923—6.27 ACRES OF THE W Portion of the 19-acre tract owned by Sarah Dumphy in the Campbell School District. William Barlet to whom it may concern..Nov. 19, 1923
Nov. 20, 1923—LOT 17 as Shown on Map of the Curtis Sbdvn Blk K Page 31. Archie Keesling to whom it may concern.....Nov. 13, 1923
Nov. 20, 1923—LOT 26 BLK 16, Lendrum Tract, San Jose. Viola V Brown to Main & Evans.Nov. 19, 1923
Nov. 20, 1923—BLK 21, Lewis Sbdvn., San Jose. A T Foley to F C Nelson.....Nov. 15, 1923
Nov. 20, 1923—LOT 18 BLK 2, Map Hester Park, San Jose. Wilber H and Louisa Johnson to whom it may concern.....Nov. 19, 1923
Nov. 20, 1923—LOT 2 BLK 7, Range 5 South, Snow & Rettis Addition to the Tokn of Mt. View. E C Bell to whom it may concern.Nov. 20, 1923
Nov. 21, 1923—LOT 28 BLK 9 Map entitled "Rose Lawn," San Jose. Jennie Ryder to whom it may concern .....Nov 17, 1923
Nov. 9, 1923—COMP. AT PT. 20 FROM the S Franklin & 10 E of the st. formerly as Alviso St., Santa Clara Board of Trustees of the Santa Clara College (a cptn.) to J. S. Sampson Co. .....Oct. 30, 1923
Nov. 9, 1923—COM 20' 0"S FRANKLIN and 10' 0" E St. formerly Alviso St th S 57' 4" E at r angles 156' 6" N at r angles 156' 6" to commencement. The President and Board of Trustees of Santa Clara College a corp to J S Sampson & Co....Oct. 30, 1923
Nov. 22, 1923—LOT 26 BLK 2 Map of Mrs Helen L Beal Ptn Lot 2, Clayton & Beal Subd., San Jose. C H McKay to whom it may concern... .....Nov. 22, 1923
Nov. 22, 1923—LOTS 3 AND 5 BLK 1, Burrell Park, San Jose. F L Burrell to J A Wagner.....Nov. 1, 1923
Nov 22, 1923—PTN LOT 34, Boyce Addition, San Jose. Frank Calros to whom it may concern...Nov. 20, 1923
Nov. 22, 1923—LOT 4 BLK 2 Beal Ptn Blk 2, Clayton & Beal Sbdvn, San Jose. C H McKay to whom it may concern.....Nov. 22, 1923
Nov. 23, 1923—LOT 4 BLK 7, Chapman & Davis Tract, San Jose. M D Cartwright to whom it may concern.....Nov. 23, 1923
Nov. 23, 1923—PTN LOT 2 BLK 72, Sbdvn of University Park. J R Locke to whom it may concern... .....Nov. 21, 1923
Nov. 23, 1923—PARCEL (1) as described in Book 566 of Deeds, Page 188., L C Rossi to whom it may concern.....Nov. 21, 1923
Nov. 23, 1923—LOT 15, Walsh Residence Tract, San Jose. M W Silva to whom it may concern..Nov. 23, '23
Nov 23, 1923—LOT 8 BLK 9, Hanchett Residence Park, San Jose. Julius Krauss to whom it may concern.....Nov. 22, 1923
Nov. 24, 1923—PTN LOTS 16 AND 17 Ashby Addition to Town of Palo Alto. Hettle M and C W Deckman to whom it may concern..Nov. 21, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Nov. 19, 1923—LOT 18 Estrada Park. The Minton Co vs Mercantile Trust Co of San Francisco.....$1158.01
Nov. 22, 1923—LOT .. BLK 7 of the Phillips & Montgomery Sbdvn of Polhemus Tract of the Stockton Rancho. E Levin vs Amalia Morrella $111.93

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Nov. 20, 1923—NW HANCHETT AND Tillman Sts., being Lot 8 Blk 6, Hanchett Tract, San Jose. Borchers Bros, a co-partnership to Mary B Leaman $413 76

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT 25 BLK "R" Hayward Park, San Mateo. All work for residence and garage.
Owner—Etta B. Savage, San Mateo.
Architect—None.
Contractor—J. E. Bale, 805 Highland Ave., San Mateo.
Filed Nov. 16, '23. Dated Nov. 14, '23.
Frame up $975
Brown coated 975
Completed 975
Usual 35 days..... 975
TOTAL COST, $3900
Bond, none. Limit, before Feb. 20, 1924
Forfeit, plans and specifications, none.

DWELLING
COR. MAY ST. & WOODSIDE ROAD, Woodside Acres, San Mateo. All work for 5-room frame stucco residence.
Owner—Grambatesto Casaretto.
Architect—None.
Contractor—Steven Naff.
Filed Nov. 21, 1923. Dated Nov. 10, 1923.
Frame up $500
Plumbing roughed in 150
Plastered 750
Completed and accepted..... 750
Usual 35 days 6400
TOTAL COST, $3291
Bond, Sureties, Forfeit, none; Limit, 90 working days; Plans, none; Specifications filed.

DWELLING
LOT 3 BLK 34, Easton No. 2, Burlingame. All work for two?story dwlg.
Owner—Carl A. Torello, 711 Bayswater Ave., Burlingame.
Architect—E. L. Norberg, Burlingame and Balboa Bldg., San Francisco.
Contractor—Thomas M. Gesso, 1201 Vancouver Ave., Burlingame.
Filed ——. Dated ——.
Frame up $1875
Brown coated 1875
Completed 1875
Usual 35 days..... 1875
TOTAL COST, $7500
Bond, none. Limit, Mar. 19, 1924. Forfeit, none. Plans and specifications filed.

DWELLING and garage, $6000; E ½ Lot 227, San Mateo Park, Occidental Ave., San Mateo; owner, Hammer & Hulthberg, San Mateo.
DWELLING, $3500; Lot 11 Blk 11, 18th Ave., Hayward Park, San Mateo; owner, Foote & Parsons, 220 2nd St., San Mateo.
DWELLING and garage, $3900; Lot 25 Blk R, 15th Ave., Hayward Park, San Mateo; owner, Etta B. Smith, San Mateo; contractor, J. E. Bale, 805 Highland Ave., San Mateo.
ALTERATIONS, $6300; Lot 9 Blk 13, B St., San Mateo; owner, I O. O. F., San Mateo; architect, Miller & Pfleuger, Lick Bldg., San Francisco contractor, Mattock & Feasey, 251 Kearny St., San Francisco.
DWELLING and garage, $5000; Lot 6 Blk N Hayward Park, San Mateo; owner, Thomas Cabil, San Mateo; contractor, E. Shaver, Burlingame.
BUNGALOW and garage, $4000; Lot 24 Blk 3 Crossways Rd., Burlingame; owner, D. Houle, 1224 Bellevue, Burlingame.
BUNGALOW and garage, $4000; Lots 1 & 2 Blk 3 Crossways Rd., Burlingame; owner, D. Houle, 1224 Bellevue, Burlingame.
BUNGALOW and garage, $4500; Lots 21 Blk 49 Cortez Ave., Burlingame; owner, Mrs. E. R. Sullivan; contractor, Ohlson.
BUNGALOW and garage, $6000; W ½ Lot 9 Blk 1 Pepper Ave., Burlingame; owner, A. Veyhle, 1-087 Valencia St., S. F.; contractor, M. L. Rench.
BUNGALOW and garage, $4000; Lot 23, Blk 40 Cortez Ave., Burlingame; owner, A. W. Waldo, 604 North C St., Burlingame.
BUNGALOW and Garage, $4000; Lot 1 Blk 22 Howard Ave., Burlingame; owner, H. W. Regan, 136 Occidental Burlingame.
BUNGALOW and garage, $7000; Lot 22 Blk 4 Capuchino Ave., Burlingame; owner, R. A. Sanguinette, 1128 Cortez, Burlingame; contractor, Drowsenberg.
BUNGALOW and garage, $6000; Lot 25 Blk 19 Balboa Ave., Burlingame; owner, Mrs. Geo. Barr, 68 Ellsworth, Burlingame.
BUNGALOW and garage, $5000; Lot 37 Blk 48 Cabrillo Ave., Burlingame; owner, H. C. Browne.
BUNGALOW and garage, $6000; Lot 7 Blk 23 Arundell Ave., Burlingame; owner, Harry Fredarlcks.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Nov. 20, 1923—LOT 10 BLK 32, Easton No. 2, Burlingame. Oria Johnson to A W Waldo.....Nov. 17, 1923
Nov. 20, 1923—LOT 8 BLK 20, Lomita Park. Emery C and Hattie H Anderson to whom it may concern. .....Noc. 13, 1923
Nov. 21, 1923—LOTS 18 AND 19 BLK 6, University Park. Cassie A Davidson to whom it may concern.... .....Nov. 20, 1923
Nov. 21, 1923—PTN LOTS 7, 8, 9, 10 and 11 Blk 11, San Carlos. Mercantile Trust Co to E E Uncle..... .....Nov. 20, 1923
Nov. 23, 1923—LOT 11 BLK 9 Lomita Park. George M. and Caroline A. Starkey to whom it may concern .....Sept. 18, 1923
Nov. 22, 1923—LOT 6 BLK 7 BURlingame Land Co., Burlingame. Elsie Lois and George H. Gilson to Thomas M. Gesso.....Nov. 7, 1923
Nov. 28, 1923—½ LOT 21 BLK 124. Chas. & Mary Bollazzi to R. C. Stickle .....Noc. 15, 1923
Nov. 28, 1923—LOT 10 BLK 3 EASton No. 1. Roy H. Rundle to George F. Rundle .....Nov. 27, 1923
Nov. 28, 1923—LOT 26 BLK 6 BLGME Grove. Geo. Williams to whom it may concern .....Nov. 26, 1923
Nov. 28, 1923—PART LOT A BLK 17 San Mateo Park. Jacob and Ella R. Hahn to White & Durkee..... .....Nov. 25, 1923
Nov. 26, 1923—LOT 6 BLK 14 LYON & Hoey, Burlingame. Thomas Wike to Jack O'Connor & Sons..... .....Nov. 24, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Nov. 26, 1923—LOTS 20 & 21 BLK 2 West Belmont, Belmont. John Berg vs. Bertha North fmly. Neal...$70.72
Nov. 24, 1923—LOTS 21 22 23 24 & 49 Blb 60 Dumbarton, J H Easom vs John Dor Sommers $328
Nov. 24, 1923—LOTS 21 22 23 24 & 49 Blk 60 Dumbarton. C. M. Valva vs John Do Sommers $379.60
Nov. 24, 1923—LOT 6 & PTN OF 8 Blk 6 New High School Acres, Redwood. Floyd S. Baird vs. Leonard & Holt et al $51.94
Nov. 28, 1923—LOT 29 BLK 1 BLGME Terrace, Blgme. P. G. Rullenko vs F. M. Naher $155.25
Nov. 28, 1923—LOTS 10 & 11 BLK 13 Central Park No. 2, Redwood. Guy S Wayne alias Wayne Millwork & Lumber Co. vs J. J. Flood.....$98.34
Nov. 28, 1923—LOT 41 BLK 27 VISTA Grand No. 1, San Mateo. Guy S. Wayne vs Harold E. Stenhart et al $697.91

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, 1-story frame, $2800; E 19th bet. Barrett and Roosevelt, Richmond; owner, H. Cortapassi, 432 Hinsley; contractor, J. Bonglo, Box 231 Richmond.
STORE & APT. 1-story frame, $4500; E 14th bet. Macdonald and Bissell, Richmond; owner, Mrs. C. Meyers, 2580 Mission St., S. F.; contractor, W. Enelgrove, 160 18th Richmond.
DWELLING, 1-story frame, $4400; S Roosevelt E cor. 13th, Richmond; owner, A. N. Wiesgarber, 164 18th, Richmond; contractor, W. Luelgrave, 160 18th, Richmond.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
17TH & KANSAS STS. - SAN FRANCISCO
Phone Market 1057

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND, SACRAMENTO, STOCKTON, FRESNO, LOS ANGELES, HOLLYWOOD, PASADENA, LONG BEACH, SAN DIEGO, SANTA MONICA, SAN BERNARDINO, SANTA ANA, PORTLAND, BOISE, WALLA WALLA, SALT LAKE CITY, SEATTLE, TACOMA, SPOKANE, YAKIMA

Publication Office
918 Mission Street

SAN FRANCISCO, CALIF., DECEMBER 8, 1923

Published Every Saturday
Twenty-third Year No. 49

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

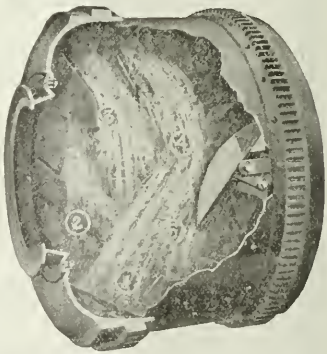
Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., DECEMBER 8, 1923 | Twenty-third Year No. 49

No. 818 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

FRESNO COUNTY VICTOR IN PATENT PAVEMENT SUIT

Fresno county taxpayers are saved more than two hundred thousand dollars as the result of the decision of the United States court in San Francisco affirming the judgment of a lower court in deciding that the county does not have to pay Warren Brothers a royalty on a type of highway surfacing.

Warren Brothers Company brought suit against the county and Thompson Brothers, a Fresno contracting firm, charging that the latter infringed upon a road surfacing patented by the plaintiff and upon which royalties have been collected for 17 years.

Fresno County Surveyor Chris P. Jensen with approval of the supervisors devised a road surface which was generally used in Fresno county but which Warren Brothers claimed to be an infringement upon its patent.

It was the contention of the county, made through Attorney Ray C. Wakefield, who defended the action, that the county's type A pavement was not an infringement upon the patent involved in the suit; and that if the patent in the suit was construed broadly enough to include the type A pavement as an infringement, the patent would be void.

The action was a suit in equity for an injunction and an accounting for asserted infringement of letters patent granted to Edwin C. Wallace upon an "improvement in composite pavements."

The alleged infringing acts constituted the laying of certain pavement upon Blackstone avenue in Fresno although there is approximately 150 miles of such pavement in the county

LUMBER PRICE DURING MONTH SHOWS DECLINE

A decline of $3 to $7 per 100 feet on certain grades and sizes of finished lumber and $1 drop on common is shown on the direct sales' report of the West Coast Lumbermen's association for November.

While sales of No. 1 vertical grain flooring were made at $53 to $62 throughout the month, No. 2 stock showed a decline of $3 from the top price. Initial November sales were made at $50 to $58 while the last of the month sales were made at $50 to $55, a $3 drop on the outside price. Number 3 vertical grain flooring remained steady at $33 to $34.

Sales of No. 2 and better 4-inch slash grain flooring were made at the beginning of November at $26 to $40. Last of the month quotations showed a recession of $3 with sales being reported at $26 to $37. Number 3 4-inch slash grain flooring dropped from $23 to $36 the first of the month to $23 to $29 the last part. Number 3 6-inch flooring dropped to $26 to $34 per 1000 feet from $26 inside and $40.75 top.

Sales of No. 2 and better ⅝ by 4 ceiling were reported at $22.50 to $39 for the month while last of November prices ranged from $25 to $36. Range of No. 3 ceiling, ⅝ by 4 was narrowed the last of the month to $22.50 to $28.50 from initial sales of $21.50 to $39.

The adjustment of drop siding prices during November was from $29 to $42 against $31 to $39 the last of the month, for No. 2 and better 6-inch. Number 3 sold at $25 to $36 the first week in November and $28 to $34.50 the last week.

Common lumber dropped $1 per 1000 with sales the last of the month at $18 $20.50 against $17 to $21.50 the first part of the month. Two by fours dropped from $16 to $22.50 to $18.50 to $21.50 for lengths 12 to 18 feet. Two by sixes and eights dropped $1 to $20.50 to $25.50 from $19 to $26.50 on lengths 24 feet.

FIR MANUFACTURERS REPORT BIG DEMAND

Douglas fir manufacturers continue to enjoy a good volume of business, about half of it being for water shipment, according to the American Lumberman. Japan and other foreign consumers are actively in the market, while there has been no abatement in demand from either the Pacific Northwest or California. The Atlantic seaboard is eager for new cargoes. While rail trade appears inactive when compared with the cargo trade, statistics show that it is fully normal for this season.

MEET TO EMPHASIZE RAILWAY ELECTRIFICATION

Railroad electrification will be emphasized at the midwinter convention of the American Institute of Electrical Engineers to be held in Philadelphia, February 4-8. The Spring convention will probably be held in Birmingham, Alabama, during the week of April 7, and hydro-electric development and steel mill and mining applications of electricity will be the subjects under discussion. The next annual will be held in June, and Evanston, Illinois, has been recommended as the meeting place.

ROAD CONVICTS FIND WORK IS PROFITABLE

Convicts employed in California State Highway prison camps are making a net profit of about 60 cents a day under the new law enacted by the last Legislature, which permits them to receive compensation for their work not to exceed $2.50 per day, according to the first reports submitted to R. M. Morton, State Highway Engineer, since the law was placed in actual operation.

Morton stated that the state is allowing the convicts $2.10 per day, instead of the maximum of $2.50, and that all of the men have realized a profit from their work after paying for their food, clothing, cost of maintaining the camps and guards.

Commenting on the success of the new plan, which is intended to assist the prisoners in caring for their dependents and at the same time help them to accumulate enough money to give them a new start after their release, Morton said:

"Under the law each convict is permitted to earn not to exceed 75 cents per day net and he also gets one day off his sentence for every two days put in on the roads.

"If the convict has dependents receiving state aid, two-thirds of the amount earned must be paid these dependents. If he has dependents not receiving state aid, the convict may designate what dependents are to receive not more than two-thirds of his earnings. Upon release or parole, the balance is paid him in monthly installments of not to exceed $50; if freed, the whole amount is paid."

MORE HIGHWAY FUNDS NEEDED, ENGINEERS ARE TOLD

Although 73 million dollars worth of bonds have already been voted for the construction of highways in California, this is probably only one-quarter of what will be required to complete the entire state highway system. This was told to members of Fresno chapter, American Association of Engineers, at their noon luncheon at the Hughes Hotel, Nov. 30, by J. B. Woodson, division engineer at Fresno for the California Highway Commission.

How the use of highways has grown tremendously was shown by figures quoted by Woodson. When the first highway bond issue of 18 million dollars was voted in 1910 there were 42 thousand automobiles in California, he said. Now there are more than a million.

"In 1913 we took a census of traffic south of Fresno and noted slightly more than 15 hundred vehicles in a 12 hour day," said Woodson. "In 1922 the census showed more than seven thousand vehicles in a 12 hour day.

"If such conditions represent the general increases throughout the state, the traffic department has an immense problem in handling this tremendously growing situation."

Woodson reviewed the history of highway construction and financing in California since the first bond issue of 1910. The principal work now under construction, he said, is the completion of the 17 mile section of the Yosemite lateral between Briceburg and El Portal. It will cost one million dollars.

The Observer

The logging season for camps in the Sonora section is closed, the two big Tuolumne county concerns, the Standard and the West Side, having put their camps in order for the Winter. The concerns made record cuts this season, the Standard producing 75,000,000 board feet and the West Side about 65,000,000. Each has a great quantity of logs at its mills, sufficient to keep the saws busy for the next three months. After that time the plants will be given their annual overhauling.

George Henry Snyder, general superintendent of the Associated Pipe Line Co., died in a Fresno hospital, Nov. 27, following a brief illness. Snyder succeeded the late E. B. Partridge at the Fresno offices of the Associated company about six months ago. He was in the employ of the company for 16 years and spent 12 years of that time charge of the Coalinga district. Prior to coming to Fresno, Snyder was a division superintendent at Los Angeles.

Craftsmen of the various building trades in El Dorado county have voted to increase the wage scale in all crafts $1 a day, effective January 1. This will make the pay of carpenters $8 and electricians $9 a day. It was also voted to take a half holiday Saturdays, effective on the same date.

Under the derection of Frank H. Thrall, the Home Builders' Exchange, has opened exhibit rooms at 1215 Broadway, Burlingame. The purpose of the exhibit is to display for the prospective builder everything that goes to make the home comfortable and more attractive.

According to word from Tokyo the reconstruction board has reduced the government estimates for rehabilitation to 6,700,000,000 yen ($3,350,000,000). This means the postponment of the Tokyo-Yokohama canal and the Tokyo harbor works.

Reconstruction of the Tacoma-Roche Harbor Lime plant at Roche Harbor, Wash., recently destroyed by fire, has been started. E. J. Rounds, Walker Bldg., Seattle, has the contract for the work.

Third election held in Gridley High School District, Butte County, to vote bonds of $225,000 to finance construction of a new high school failed to carry by majority of 274 votes. Second election failed by six votes.

John D. Jost, retired building contractor of Sacramento, died at his home, 1110 Fourteenth street, that city, Nov. 29, following a general breakdown in health. He was 80 years of age and a native of Nova Scotia.

Jas. S. Tannihill, Fresno contractor, died in that city Nov. 27. Tannihill operated in Fresno as a contractor for the past thirty-three years. He was a native of Canada.

Portland, Ore., lumber shipments to foreign ports by water averaged more than 1,000,000 a day during the month of November.

Wesley W. Ruble, San Jose painter died suddenly in that city, Nov. 27. Death was due to heart failure.

During October construction contracts awarded in Canada amounted to $30,078,100, compared with $23,382,100 in September and $24,270,300 in October, 1922. Residential buildings accounted for 28.1 per cent of the October total and amounted to $8,434,600. Business buildings amounted to $4,345,600, or 14.4 per cent; industrial buildings, $1,329,800, or 4.4 per cent; public works and utilities, $15,968,100, or 53.1 per cent. The value of contemplated new work reported during October was $33,968,000.

Oregon-Washington Railroad & Navigation Company applies to Interstate Commerce Commission for authorization to construct approximately 32 miles of railroad between Crane and Burns, Ore., to move timber from Malheur National Forest. Fred Herrick, purchaser of the timber, will construct an additional 55 miles of railroad to connect the branch line at Crane with the Malheur Forest Reserve timber at Seneca.

The 1924 convention and road show of the American Road Builders' Association will be held simultaneously the week beginning January 14 at Chicago. The road show will be held in the Coliseum and the adjoining Greer building. Frank Page, president of the American Road Builders' Association, has appointed Charles M. Upham manager of the convention and road show.

The value of Canadian asbestos exports for the 12 months ended August, 1923, according to the Bureau of Statistics, exceeded the value of those of the previous year by nearly $3,000,000. These exports for the last year amounted to 202,646 tons, valued at $8,375,249, compared with 122,785 tons, valued at $5,604,551 in 1922.

Edw. Hyatt, president of the Sacramento Chapter, American Society of Civil Engineers, has offered the services of the Chapter to the Sacramento Chamber of Commerce to aid in a survey looking to the solution of the problem of irrigation and navigation on the Sacramento river.

A state-wide campaign in favor of a state initiative bill giving municipalities and larger districts authority to operate public power plants was approved at a meeting of public ownership advocates at Tacoma recently, the bill to come before the voters of Washington at the general election to be held in November, 1924.

Save the Redwoods League has purchased 7-acres of redwoods adjoining the Humboldt Redwood Park, recently acquired by the state, and has deeded the tract to the state as an addition to the park. The new tract is located near Phillipsville, Humboldt County.

Lumber exports from Portland, Ore., for the month of November broke all records for a single month, with an aggregate of 30,000,000 feet of timber sent goreign buyers. Demand from Japan was the chief factor in the heavy increase.

Washington Brick, Lime & Sewer Pipe Co., has opened offices at 825 Seaboard Bldg., Seattle, with Willis E. Clark, district manager, in charge.

The lumber interests over the entire state of California have combined to organize a fight to secure the rescinding of the anti-wooden shingle ordinance passed by the Berkeley council one month ago, and have filed an initative ordinance which permits the use of all the kinds of roofing permitted under the old ordinance with the single provision that wooden shingles must be high grade and vertical grained shingles. Signatures to the amount of 10 per cent of the vote cast for mayor at the last election must be obtained to force action on the ordinance, but the lumber interests plan to obtain 15 per cent. A petition signed by 10 per cent of the voters gives the council the privilege of rescinding the shingling ordinance and substituting the new initative measure, but it also permits the council to lay the matter on the table until the next general election. A petition signed by 15 per cent would make it compulsory upon the council to call a special election to consider the matter.

Approximately 50,000,000 feet of lumber have been booked to be cut in January and February by Vancouver, B. C., saw mills for Japanese trade and about 7,000,000 feet for Australia. Cedar, fir and hemlock loges are in great demand by Japan. Nearly every boat sailing from here for the Orient carries a deckload of logs. The log exports have advanced about 50 per cent in the past few weeks with prices firm and business indicating even a greater volume in the near future, it has been declared. Only about 25 per cent of the logs from nearby camps are suitable for the market of Japan.

Building permits issued in Sacramento for the first eleven months of this year show the valuation represented is greater than the permits issued during the entire year of 1922. Closing with November, the report of Ben Covell, building inspector, shows that $9,092,005 is represented in the permits issued to date, as against $8,651,504 for all of last year. Building permits for November will total $464,476, as against $445,770 for November of last year.

Contra Costa County Builders' Exchange, with headquarters at Richmond, is preparing to install a building material exhibit in the new exchange quarters. R. W. Timmons is chairman of the Exhibit Committee.

Plasterers at Seattle, Wash., are still on strike, acting however, on their own decisions, according to Secretary Robarge of the Building Trades Council, which organization has taken no stand in the matter.

Provision for inclusion in the Plumas and Lassen National Forests of adjacent timber lands upon which claims for entry have been disallowed on the ground of fraud is made in a bill introduced by Representative Raker.

Stockton building permits in November totaled $221,044 as compared with $323,700 in October and $187,308 in November of 1922.

Roy H. Hubbard has been appointed city building inspector at Bakersfield, succeeding Thos. W. Dupes, resigned.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

PORT AUTHORITIES TO MEET

Col. George Lamping, president of Seattle Port Commission, has been delegated by the Seattle body to go to New Orleans to atend the annual convention of the American Association of Port Authorities, Dec. 12, 13 and 14. F. C. Marron, purchasing agent at Seattle for the commission and treasurer of the American Port Authorities, will also be a delegate to the convention.

Matters pertaining to port terminals, management and terminal facilities will be given consideration at the convention. Following the meeting proper in New Orleans, the delegates will hold an adjourned session at Port Houston on December 14. During the visit to the gulf trips will be arranged to Mobile, Port Arthur, Beaumont, Orange, Gulfport and Pensacola.

The American Association of Port Authorities is headed by M. P. Fennell, general manager of the Port of Montreal. Tiley S. McChesney, secretary of the port of New Orleans, is secretary of the association.

PAINT MEN TO MEET

L. W. Walcott, vice president and manager of the Sherwin-Williams Company of California, paint manufacturers, has accepted an invitation to represent California in the thirty-sixth annual national convention of the company to be held in Chicago December 17 to 20. Mr. Walcott will leave for the East December 13.

The conference will take place in the Congress Hotel and will be attended by 760 delegates, including directors, officers, department heads and the entire sales force of the company. Export and subsidiary companies will be represented by their leading men.

Other Pacific Coast delegates will be F. W.Wansner, district manager; E. L. Culver, sales manager and E. T. Deasy, sales promotion manager.

JINKS COMMITTEE NAMED

Al W. Pape has been appointed chairman of the San Francisco Builders' Exchange New Year Jinks Committee which will provide entertainment for the builders and their friends on the evening of January 19. The jinks will be staged in the main assembly room of the Exchange building.

Valuable gate prizes will be awarded, Pape announces and a record attendance is expected. The price of admission will be fifty cents.

Other members of the committee include: Steve I. Guerin, C. O. Monson, Steve Schenck, C. A. Wellman and A. F. Lindgren.

CONTRACTORS TO MEET

Contractors' Association of Northern California has chosen San Francisco for their 1923 and 1924 annual conferences. Herbert Nun, former Oregon State Highway Engineer and general manager of the Association, announces that the association includes general contractors in this state and a few members in Arizona and Nevada. At least 300 delegates are expected at the meeting to be held in the Hotel Whitcomb, December 14 and 15.

S. F. Industrial Ass'n Provides Insurance for American Plan Workers

Some fifteen to twenty thousand American Plan workmen employed in the various industries of San Francisco are expected to become the beneficiaries of a group insurance plan worked out by the Industrial Association of San Francisco and one of the largest insurance companies, according to an announcement of the Industrial Association.

Without the necessity of a physical examination, and at a cost of no more than approximately ten cents per week, an employe will secure a one thousand dollar insurance policy covering death or total disability; and for an additional seventeen cents a week, may also procure coverage for health and accident. The balance of the cost of such insurance, which is being issued at a 5% lower rate than group insurance has ever before been supplied, is paid by the employer. Under the conditions of the plan, an employe may transfer from one American Plan employer to another in his particular trade without forfeiting his insurance. This is said to be a new feature of group insurance, and to be more favorable to the employee than any that has ever been written heretofore.

The whole plan is made possible by virtue of the California law which permits the insurance company to consider the trade association of the employers in any craft as a common employer for the whole trade group; that is, for all the employees working for all the employer-members of that particular trade association. It is pointed out that the great problem of insurance for workmen, particularly in the building trades, arises from intermittent employment. A man may be working for Jones today; and, finishing Jones' job, find it necessary to work for Brown tomorrow. Under previous plans his going from Jones to Brown would automatically terminate any insurance for which he and Jones were jointly paying. Under the new plan as worked out by the Industrial Association, however, the secretary of the trade association of which Jones and Brown, as employers, are members, simply transfers the man's insurance from one employer to the other, and the man is fully covered without making a new application and without any expense. He may even be granted a leave of absence for six months on account of sickness or because of working for a non-member employer, without losing his insurance and without extra cost.

The benefits of the plan accrue both to the employer-member of the various trade associations and to the individual employers. It will make for solidarity of the trade associations, probably practically eliminating the practice of employers "hiring men away" from each other; and materially reduce the employer's labor turnover. As for the employees, it affords them the opportunity to get more and much cheaper insurance than they could secure through any other known scheme;—the cost is 50% less than regular insurance rates on individual policies—and will enable many of them to obtain insurance who, on account of advanced age or slight physical disability, would otherwise be unable to secure it.

The Industrial Association is taking the lead in presenting the plan to the various trade associations of the San Francisco Bay District, and has agreed to act as a court of appeal in any disputes that cannot be settled by the insurance company and the parties immediately concerned. The new plan has been enthusiastically received, and it is expected it will be accepted by virtually all employers and employees operating under American Plan conditions; thus embracing 80 to 90% of the manual workers of San Francisco.

HEATING & PIPING CONTRACTORS TALK APPRENTICESHIP

At the 34th annual convention of the Heating and Piping Contractors' National Association, held in Chicago, a report from the committee on apprenticeship planning was submitted, outlining a program for the training of apprentices in that trade. It recommended that the term "apprentice" be dropped and the learners in the craft be termed "Certified Steamfitters' Helpers," to be recuited from both the ranks of experienced helpers and from those boys outside the trade who desire to enter a definite training period for the purpose of learning the craft.

It was proposed that helpers be allowed an advanced standing in the craft and that the term of service in this capacity be determined not on time requirements but on the degree of skill and knowledge of the craft acquired. The program the committee outlined made, in fact, very general recommendations covering the eligibility of applicants, standardized application blanks and registration forms, probation periods, forms of agreement, advanced standing of experienced helpers, wages, period of service, interchange of helpers, right of appeal in case of disputes, termination of the employment agreement, supervision by training committees establishment of schools, forms of school work, etc.

No machinery was developed, however, to insure that these recommendations are actively practiced, and the committee stated that:

"The carrying out of any program which may be adopted shall be left to the local associations, where such exist, or to the individual contractors where such locals do not exist."

Twelve hundred and fifty dollars of a proposed $5,000 fund to promote the iron and steel industry in the Pacific northwest was raised at a recent meeting of Spokane businessmen. H. H. Shellenberger, who has made extensive studies of the iron ore deposits of the northwest, is interested in the movement.

(Continued on Page 8)

AMERICAN PLAN SHUTS OUT STRIKES

Says the Western Canada Contractor and Builder:

"In the United States there are few cities that can boast that during 1922 a strike of some kind or other was not staged. San Francisco, however, has this proud record. In spite of the prevalence of strikes last year this city did not have a single job or jurisdictional strike in the building industry. Further than this, San Francisco was the only large city where 90 per cent of the men in the building trades, whether union or non-union, worked side by side without discrimination, controversy or complaint. The American Plan is said to be responsible for this happy state of affairs and has brought industrial peace to the whole community, made long strides towards the goal of good order in industry, because the Industrial Association of San Francisco has had vision, constructive foresight and courage in interpreting and applying it to the industry of the community—particularly to the building industry, says Barron's.

The Industrial Association, to the amazement of union haters, has never refused to meet and confer with union leaders over matters in controversy. From the very beginning, however, it took the position that there were three parties to industry and to every industrail controversy: Employees, employers, and the public; and that the public was by far the most important party of the three.

A school for apprentice plasterers was started in 1922, followed shortly by one for plumbers, and a few months later by schools for bricklayers, painters and paperhangers, and iron and brass moulders. All of these schools have proven a splendid success from every standpoint and have had entrance applications from boys in nearly every large city in the United States."

NEW STREET IMPROVEMENT LAW PASSED IN LOS ANGELES

The ordinance drafted by the city attorney to be known as the "Street improvement procedure ordinance of 1923," has been passed by the city council of Los Angeles and has been signed by Mayor Cryer. The ordinance was drafted under a provision of the city charter. It differs from the several state acts providing methods of procedure for street improvements in the following points:

Protests will not be heard on any street improvement project until after bids have been taken.

Bids may be taken on two or more types of pavement, one of which shall be unpatented, or on two or more kinds of pipe for sewers or storm drains.

City may do the work by day's labor without asking for bids if petition therefor representing three-fourths of the street frontage is presented before the resolution of intention is adopted.

City may do the work by day's labor after bids have been taken, on petition of three-fourths of the frontage claiming the bids are excessive.

City may bid in competition with private contractors, but may be awarded a contract only in event its bid is the lowest received.

Property owners may, by petition of three-fourths of frontage, take over contract within 10 days after notice of award has been published at a price not to exceed the amount of the low bid.

Reassessment may be made in event of any irregularity in proceedings and a new assessment may be made for improvements already completed if proceedings are invalidated by court.

First Ten Months Building of 1923 Exceeds Entire Year of 1922

The volume of building permits issued in the United States for the first ten months of 1923 not only exceed the first ten months of 1922 by 28 per cent, but surpass the entire twelve months of 1922 by about 5 per cent; giving a very concrete example of the momentum which has been attained in the nation's present building activities.

These figures are announced by S. W. Strauss & Co. based on reports from the building departments throughout the country.

A selected list of the twenty-five cities showing the largest volume of permits for the ten months of 1923, compared with the ten months of 1922 and the entire year of 1922, show a total for the ten months of this year of $1,899,391,912 compared with $1,488,892,855 for the ten months of 1922 and $1,812,976,968 for the entire year of 1922

		10 Mo. 1923	10 Mo. 1922	Gain or loss from 10 Mo. 1922		12 Mo. 1922
1	New York	$646,168,395	$505,369,380	$140,799,015	(28%)	$637,279,966
2	Chicago	280,733,317	172,895,810	107,837,507	(62%)	227,742,610
3	Los Angeles	165,862,946	100,531,480	65,331,465	(65%)	120,842,737
4	Philadelphia	112,806,900	95,496,950	17,309,950	(18%)	114,881,040
5	Detroit	110,831,291	79,815,734	31,015,557	(39%)	85,957,913
6	Cleveland	51,466,365	47,124,265	4,342,100	(9%)	55,147,565
7	Washington, D. C.	41,937,664	40,017,172	1,920,492	(5%)	47,915,399
8	San Francisco	40,790,759	40,266,077	514,682	(1%)	45,326,206
9	Baltimore	39,929,302	36,891,260	3,038,042	(8%)	45,389,550
10	Boston	34,352,160	53,510,539	*19,158,389	(35%)	57,546,972
11	Milwaukee	33,564,653	21,398,464	12,166,189	(57%)	25,250,312
12	St. Louis	33,407,660	20,017,843	13,389,817	(67%)	25,210,503
13	Pittsburgh	27,681,406	30,435,515	*2,754,109	(9%)	35,037,113
14	Minneapolis	27,452,990	25,376,810	2,076,180	(8%)	29,470,500
15	St. Paul	26,385,129	20,328,518	6,056,611	(30%)	22,383,862
16	Newark	25,449,290	23,946,065	1,503,225	(6%)	28,722,274
17	Indianapolis	23,613,816	21,878,080	1,735,736	(7%)	26,110,597
18	Cincinnati	23,151,095	21,918,710	1,232,385	(6%)	26,034,000
19	Atlanta	22,864,578	17,486,369	5,378,209	(31%)	20,584,736
20	Oakland	22,709,113	19,812,889	2,896,224	(15%)	24,468,223
21	Portland, Ore.	22,552,105	20,067,325	2,484,780	(12%)	23,714,395
22	Buffalo	22,255,000	21,047,120	1,207,880	(6%)	25,831,120
23	Kansas City, Mo.	22,113,206	19,925,140	2,188,066	(11%)	23,145,990
24	Seattle	20,765,983	16,731,540	4,034,443	(24%)	19,783,835
25	Columbus, Ohio	20,546,800	16,603,800	3,943,000	(24%)	18,189,500
	Totals	$1,899,391,912	$1,488,892,855	$410,499,057		$1,811,976,968
	Net gain				28%	

*Loss.

S. F. BUILDING TOTALS FOR NOVEMBER

Building operations in San Francisco for the month of November, just closed, totaled $3,850,265, according to figures compiled by John P. Horgan, chief inspector of buildings of the Department of Public Works. For the corresponding period in 1922 the total was $2,621,471. During the month of October of this year the total registered $3,793,374, the activities of the past month showing a light increase.

Following a complete and segregated report covering the November activities as issued by Chief Inspector Horgan:

Class	No. of Permits	Est Cost
"A"	1	$ 150,000
"B"	1	500,000
"C"	29	860,050
Frames	320	1,801,935
Alterations	433	293,457
Public Bldgs.	1	6,123
Harbor Bldgs.	1	238,700
Total	786	$3,850,265

UTILIZING WASTE LIMESTONE

Thousands of tons of pure limestone in sizes under 4-inch are either entirely wasted at many lime plants or are sold for uses that bring a very small return to the producer. The Department of the Interior, through the Bureau of Mines, has undertaken a study of possible methods of utilizing such material, the study relating particularly to methods of burning it into lime. Preliminary work has been done at the non-metallic minerals station of the Bureau of Mines, New Brunswick, N. J., on present uses of waste limestone and on the success with which the rotary kiln is used with fine materials. Arrangements were made for field investigations at several Pennsylvania plants.

SECRETARY WALLACE APPROVES LAND EXCHANGE IN SHASTA FOREST

Secretary of Agriculture Wallace has approved the application of the McCloud River Lumber Company to exchange 26,176 acres of cut-over lands within the Shasta National Forest for a quantity of live timber not exceeding the base lands in value. The timber selected for exchange which will be cut under Forest Service regulations, is in the Lava Beds logging unit of the Shasta Forest.

This is the first large land exchange in the national forests of California that has received the approval of the department and state forestry officials, and will be consumed under the provisions of the General Land Exchange Act of March 20, 1922, which provides for the exchange of privately-owned land or timber within a national forest for an equal value of either national forest land or timber, provided the exchange is to the public interest.

BIBLIOGRAPHY OF MAGNESIAN CEMENTS ISSUED

A bibliography of magesian cements, by G. H. West, R. L. Sebastian and W. A. Darrow, has just been issued by the Department of the Interior, through the Bureau of Mines. This bibliography was compiled in the course of research work by the Bureau of Mines on the utilization of the magnesites in the West. The present bibliography cites 211 references relating to analytical methods; physical and chemical properties of magnesium and calcium compounds; calcining operations and manufacturing of magnesium oxide or hydroxide; constitution of magnesium oxychloride cements; practical preparation of cements; tests and specifications; magnesiee statistics, etc. Serial 2534, "Bibliography of magnesium cements." may be obtained from the Department of the Interior, Bureau of Mines, Washington, D. C.

U. S. ENGINEERS PREPARE FOR WAR IN PEACE TIMES

American engineers and industrialists are aiding in the solution of the vast production problems arising from the War Department's developing program, Capt. W. H. Churchill, U. S. A., told the Ordnance Division of the American Society of Mechanical Engineers at a meeting in New York, Dec. 5.

"The burden of preparedness," he declared, "rests not alone upon the War Department, but also upon the manufacturers of the country. With the co-operation such a preparedness program can be developed as to make it very inadvisable for any enemy to draw the United States into a war, or, if war is forced upon us, a program that will lead to an earlier and more complete victory."

Studies are now being made of the questions of exemption from military service and supply of raw materials, according to Capt. Churchill, attached to the New York District ordnance office, who added:

"The exemption of certain individuals and groups of skilled mechanics, from military service is one that demands careful consideration and the development of plans that will retain for war industries the essential workers without doing injustices to the fighters nor hampering the armed forces of the country. Some definite, prearranged method of assuring necessary labor for the production of war material and civilian requirements must be determined. The women of the country and the physically unfit and exempted men must carry on the industries without interruption, so far as possible.

"Another great study that confronts the War Department is the supply of raw materials. A group of experts is working on the problem of assuring the supply of strategic raw materials that must be imported, endeavoring to find satisfactory substitutes of formulating plans to keep the sea lanes open.

"The extent to which this country will be prepared to meet any emergency that might arise depends to a great extent upon the industries of the country and upon the engineers within those industries. If the local branches of the American Society of Mechanical Engineers and of other engineering bodies would devote meetings to the problems of the districts in which they are located, and would continue into their plans the industrial preparedness plans that are being perfected up to their front doors by the War Department, this country of ours would be carrying such a strong insurance policy against war that no enemy or combination of enemies would dare to attack us."

CALIFORNIA INVITED TO ATTEND RIVER CONFERENCE

The part California will take in the proposed tri-state conference between Arizona, Nevada and California for the purpose of discussing problems relating to the development of the resources of the Colorado River in the Lower Basin States will depend largely upon the recommendations of W. F. McClure, director of the state department of public works.

This was indicated at the office of Governor Richardson, when it was announced that a telegram from Governor Hunt of Arizona regarding a date agreeable for the conference had been referred to McClure.

Nevada, through Governor Scrugham, has already notified the Arizona executive of its willingness to send representatives when the conference is held.

U. S. Commerce Chamber Seeks Permanent Future Timber Supply

To assure a permanent future supply of timber, the Chamber of Commerce of the United States advocated recently the adoption of a broad national forestry policy. The Chamber's position is taken as the result of a referendum vote just completed among more than 1,300 business organizations making up the national organization's membership.

A preliminary canvass of votes cast shows that seven out of eight specific proposals contained in the referendum carried by a wide margin. The recommendation which was not endorsed provided for the setting up of a national forest advisory council.

Commercial and industrial organizations in forty-seven states, the District of Columbia, Hawaii, Cuba and Haiti participated in the referendum.

The recommendations submitted and vote on each follow:

I. "That the federal government should, for protection of headwaters of navigable streams and to the extent permitted by existing law, acquire, reseed, and replant waste lands on which reproduction of forest growth cannot be obtained by natural means, with discretion in the Secretary of Agriculture to prefer lands in states which provide at least an equal amount of funds for acquisition of such lands. FOR, 1887; AGAINST, 201.

II. "That states and municipalities should acquire, reseed, and replant the remainder of such waste lands. FOR, 1887½; AGAINST, 196½.

III. "That Congress should enact new legislation with reference to other classes of timberland, to make provision for co-operation of federal government, state governments, and timber owners in protection and reproduction of timber. FOR, 1724; AGAINST, 356.

IV. "That such new federal legislation should condition use of federal funds upon the state:

Having a forestry or conservation commission:

Formulating a code of forest management acceptable to the federal Department of Agriculture and aimed to secure continuous forest production, observance of the code to be obtained through voluntary agreements entered into between the proper public authorities and the land or timber owners of considerable areas within the state;

Maintaining adequate protection of timberlands from fire, with funds coming from state and private sources at least equal to federal funds used for this purpose;

Basing taxation of growing timber upon the principle of the yield tax, with reasonable uniformity among the states in such taxation. FOR, 1556; AGAINST, 523.

V. "That Congress should create a national forest council to have functions to advice to administrative officials and a membership of nine, one to be the federal forester and the others to represent views of public, timber men, and foresters, members of the council to serve without remuneration. FOR, 1358½; AGAINST, 701½; NECESSARY TO CARRY, 1373;" NOT COMMITTED.

VI. "That Congress should provide for a national survey and inventory of forest resources. FOR, 1761½; AGAINST, 292½.

VII. "That Congress should increase the federal appropriations available for protection of timber lands against fire. FOR, 1987½; AGAINST, 98½.

VIII. "That Congress should provide for enlargement of federal research and experiment in forest products." FOR, 1908½; AGAINST, 164½.

STATE MAY LIMIT THE HEIGHT OF BUILDINGS

The Wisconsin state law limiting the height of buildings throughout the state outside of Milwaukee to 100 ft. has been upheld by the supreme court of Wisconsin in three cases recently passed upon by that body. In Milwaukee the height limit is 125 feet. Under the ruling of the court the state law is held to apply only to cities. Moreover building operations begun in good faith before the enactment of the law are held not to be affected by it. Following are excerpts from the opinion of the court in the main case, Kelfish vs. Wisconsin Telephone Company, written by Justice Owen:

"Legislation limiting the height of buildings has been expressly upheld by the supreme court of the United States. We therefore hold that the legislature has power to limit the height of buildings in populous centers of the state in protection of the public health and safety.

"Recently so-called zoning laws authorizing municipalities to enact ordinances prescribing zoning districts and limiting the height and character of buildings therein, have become quite common. Such laws and ordinances enacted pursuant thereto have been sustained. That this is a more scientific and satisfactory way of limiting the height and character of buildings is quite apparent. It enables the individual city to prescribe regulations which conform to local requirements and conditions and are supported by local public sentiment. Granting that the more scientific and satisfactory way of accomplishing this result, so far as high buildings in populous centers constitute a menace to public health and safety are concerned, is by means of the so-called zoning ordinances, it can not be held that the legislature may not accomplish directly that which it may do indirectly.

"There is ample reason to suspect that a desire on the part of the legislature to limit the height of buildings around the capitol square in the city of Madison prompted the enactment of this law. But the motives which prompted the legislature to exercise its power in this respect are not subject to judicial review, approval or condemnation."—Southwest Builder.

PROTEST R. R. RATE FOR PIPE TRANSPORTATION

Madewell Manufacturing Company and Western Pipe & Steel Company of California, have filed a complaint with the Railroad Commission against the steam and electric railroads operating in California charging that the present rates collected by these carriers for the transportation of iron and steel surface pipe, which were originally published on June 25, 1918, without the authorization of the Railroad Commission of California, are unjust and unreasonable, and are in violation of the long and short haul clause of Section 21, of Article XII of the Constitution of California, and Section 24a of the Public Utilities Act of California. Complaints ask the commission to require the defendants to desist from further violation of the Constitution and Public Utilities Act by the collection of these rates, and that the Railroad Commission fix rates, rules and regulations to apply in future to the transportation of iron and steel surface pipe in California.

ALONG THE LINE

George S. Walker of San Jose, for twelve years state Building & Loan Commissioner, has tendered his resignation to Governor Richardson, effective Dec. 31. Walker resigns to become secretary of the Prudential Building & Loan Association of Los Angeles, a new coporation recently organized with a capital of $1,000,000. Walker will also be president of the National Mortgage Company, an auxiliary corporation.

Prof. Romero R. Martel of the California Institute of Technology has been appointed consulting engineer on the new Linda Vista bridge to be built by the city of Pasadena. The structure will cost $100,000.

Geo. McGruer, a member of the firm of McGruer & Simpson, plastering contractors of San Francisco, Fresno and Los Angeles, left Dec. 1 for a month's business and pleasure trip to Chicago and New York.

Redwood City is planning the appointment of a city planning commission to govern building and sub-division codes. A resolution authorizing an investigation into the possibilities of a commission has been adopted.

F. E. Engstrum, for many years prominent in the building contracting business in Los Angeles as vice-president and manager of the F. O. Engstrum Company, died in that city Nov. 24.

Fresno is planning a bond issue for approximately $2,000,000 to finance a program of public improvements. Recommendations for improvements contemplated will be submitted by a Citizens' Bond Committee.

F. A. Lammiman, formerly connected with the firm of Folk & Robinson, civil engineers of Chico, has been named city engineer of Chico, succeeding Frank S. Robinson, resigned.

Edwin J. Brown, mayor of Seattle, Wash., has appointed a committee of thirty to investigate and report on the city manager form of government which it is proposed to adopt.

Merced Irrigation District will vote additional bonds of $3,000,000 to finance completion of proposed upper works of district, in their entirety, without further delay.

Approximately 500 convicts are at work in four highway camps located in the mountain sections of the California highway system, according to R. M. Morton, state highway engineer.

Officers of the Monterey County Builders' Association will be elected at a meeting to be held in Knights of Pythias Hall, Pacific Grove, Dec. 26.

Portland, Ore., city council contemplates a bond election for $750,000 to finance construction of high pressure water system in down town section.

TRADE NOTES

Maydwell & Hartzell, Inc., representing automotive electric and hardware manufacturers, have consolidated their offices and warehouse in the new building at 158-168 Eleventh street, San Francisco. On Sept. 1, the Maydwell Co., was merged into the corporation of Maydwell & Hartzell, Inc. The personnel of the enlarged organization consists of C. A. Maydwell, president, who will handle the hardware department as well as the export and import department, and H. F. Hartzell, vice president and general manager, who will devote his activities particularly to the electrical department. The automotive department will be under the active charge of a specialist in that line.

According to word from Reno, Nev., the Carrara Marble Plant has resumed operations under the supervision of L. W. Dewey. Ohio stockholders, it is reported, have expended in excess of $3,000,000. Efforts will be made to put the mine on a commercial basis as a producer early next year. The plant was formerly operated by Baron George Van Altman.

The Barber Asphalt Company has opened a branch office at 807 Phelan Bldg., San Francisco, with C. M. Foster, formerly of Washington, D. C., as district manager. He will direct the sale of street and road materials, Genasco Latite shingles, Gilsonite, paints and other asphaltic products made by the company.

According to word from Seattle, cement mills in central Washington will close only for small necessary repairs during the holiday period this year as demand warrants operations on a threeshift basis including Sundays and holidays. Most mills are trying to accumulate stocks and prices are firm at $2.75 a barrel at the mill.

New Metal Products Co., capitalized at $750,000, with the principal place of business as San Francisco, has been incorporated with the following directors: Howard Spreckels, R. O. Bokee, W. E. Kettering, A. K. Harford and Wm. Kehoe.

Lime manufacturing plant will be in operation shortly at Chinese Camp, Tuolumne county, under the supervision of Henry R. Vail and John P. Maxwell of Oakland, who will furnish raw material. Magnestite ore will be taken from the Grae Eagle mine.

Mark-Lally Co., of San Francisco, wholesalers in plumbing and heating supplies, will open a branch in Sacramento Jan. 1. H. R. Deterding is Sacramento representative for the Mark-Lally Co.

Crew Corporation of Hollywood, Calif., manufacturers of light equipment for motion picture studios will open a branch office in San Francisco with G. E. MacCormac in charge.

J. C. Hanley has been appointed manager of the California Tylite Company, 4707 Hollywood Blvd., Los Angeles.

Ralph W. Reed, formerly operating in the Imperial Valley section, has opened a plumbing and electrical shop at 501 Castro street, Hayward.

T. J. WYCHE, W. P. ENGINEER, DIES IN DENVER

T. J. Wyche, consulting engineer of the Western Pacific Railroad and formerly its chief engineer, died in Denver, Colo., November 27. Wyche retired as chief engineer of the W. P. in 1921 and has since spent his time in Southern California, Texas and Colorado, trying to regain his health. The end was due to bronchitis, complicated with tuberculosis. He leaves a widow and a grown son, who lives in Denver. The remains are to be interred in Washington, D. C. Wyche had just passed his sixtieth birthday. He ranked with the late Vergil Bogue as one of the engineering builders of the Western Pacific. Wyche succeeded Bogue as chief engineer in 1910, with headquarters in San Francisco. Here he became widely known and joined most of the technical organizations of California and the engineering organizations of the East. He broke down under constant application to his work, and was made consulting engineer.

STUDY ON FABRICATION OF DOMESTIC TALC

A study of the methods of beneficiation of domestic talcs into electrical insulator shapes is being made by the Department of the Interior, in co-operation with the American Lava Corporation, at the ceramic experiment station of the Bureau of Mines, Columbus, Ohio.

Similar materials are used largely in Europe for this purpose, but due partly to a lack of information in regard to what have been held as secret processes and partly to a lack of properly prepared raw material, the American industry has been backward in its development.

ORGANIZATION NEWS

(Continued from Page 5)

STOCKTON BUILDERS HAVE INTERESTING MEETING

The regular monthly meeting of the Stockton Builders' Exchange was held in the Exchange quarters in N-Hunter street, Nov. 30. After a beefsteak dinner a short executive session was held at which several changes were made in the by-laws and other business transacted. President O. H. Chain presided and then turned the meeting over to the Entertainment Committee.

In the absence of R. L. Trabert, secretary of the Coos Bay Lumber Company, who was expected to talk on "Forest Conservation and Future Lumber Supply," R. F. Hammatt, secretary-manager of the Pacific Coast Redwood Manufacturers Association, made an interesting address along similar lines, explaining the method of operation of a modern redwood lumber sawmill, the modern policy of replanting cut over timber land, what different lumber operators were doing to provide lumber for the future and general data connected with the industry.

H. J. Diller of the Tyre Brothers Glass Company of Fresno, a member, delivered an interesting talk on the manufacture of glass, illustrating his address with samples of different kinds of glass and giving much data of interest.

Professor Rollins, teacher of manual training at the Stockton high school, was introduced by Chairman Chain and talked briefly upon the objects and achievements of the manual training class.

Tommy and Bernice Hays entertained the members with songs, dialogues and fancy dancing.

San Mateo building permits for November totaled $142,530 as compared with $110,375 in October. Burlingame permits totaled $130,600 as compared with $206,709 in October.

PUBLICATIONS

The Department of Commerce has published an exhaustive industrial and commercial survey of the Mexican west coast and Lower California as a field for American enterprise. This survey, by Trade Commissioner P. L. Van Buren Bell, aided by Assistant Trade Commissioner H. B. MacKenzie and Consuls F. J. Dyer at Nogales, B. F. Yost at Guayamas, and W. E. Chapman at Mazatlan, describes in detail all phases of trade and industry and particularly the natural resources of the region and their development. There is a considerable market for American commodities of various kinds in western Mexico, especially those needed for mines, irrigation and agriculture. The handbook shows how to reach this market, and its peculiarities of taste, its credits, terms and general business practices. The mining, agricultural and other possibilities of the territory are discussed at length, showing both attractions and objections, the purpose of the report being a frank presentation of facts upon which exporters, investors, prospective emigrants and others interested in Mexico can base their plans. The report, 340 pages, bound in buckram, may be obtained from the superintendent of documents, government printing office, Washington, D. C., or from any if the district or co-operative offices of the bureau of foreign and domestic commerce. The price is 85 cents.

The Portland Cement Association, 111 W. Washington street, Chicago, has published several new booklets on the use of concrete construction. One, "Concrete Schoolhouses," illustrates a number of attractive fireproof schools. A second illustrates advantages of using concrete block in construction of garages. A third contains 18 pages of valuable information on foundation walls and basements of concrete, giving illustrations of the various types, with a table of loads on wall footing per lineal foot and on post footing. A tabulation of thickness of basement walls and upper story walls of residences and apartment buildings recommended in the American Concrete Institute specifications for concrete building block, brick, and tile, is also included, as well as instructions for laying out foundations. A third table lists the quantities of cement and fine and coarse aggregate required for each cubic yard of compact mortar or concrete, while a fourth gives quantities of materials required for 100 square feet of surface for varying thicknesses.

The United Electric Company, Canton, Ohio, has issued a new bulletin containing vacuum cleaning data for architects and engineers. The booklet contains nineteen pages of reference work on which architects and engineers can base calculations and specifications for vacuum cleaning systems.

Fageol Motors Company, Oakland, Calif., has published an attractive booklet illustrating and describing Fageol compound trucks from 1½ to 5 and 6-ton models. The Fageol Company builds heavy duty trucks for use in high altitudes and varied climates and has a truck for almost every purpose.

Extension of Public Timber Control Likely To Be Urged

Extension of public forest ownership in areas where special national responsibility is involved and the removal of the hazard and handicaps attending private timber growing, will be the outstanding recommendations of the senate reforestation committee.

The report of the committee, based on information obtained in a series of hearings over the country, is now in course of preparation and will be ready for the senate within a few weeks.

Recommendations regarding the extension of public forest ownership probably will include:

Endorsement of state and municipal forests.

Completion of purchases contemplated by the Weeks law for the protection of navigable streams.

Enlargement of federal purchase policy to include denuded areas in eastern regions where the principal bodies of such lands occur, these purchases to be made within the watersheds of navigable streams, but with a view to timber production as one of their primary objects. Authorization to accept deeds or grants of lands suitable for national forests.

Incorporation in national forests of unreserved public lands and portions of military reservations valuable chiefly for the production of timber or protection of water sources.

These probably will be among the proposals for the encouragement of commercial reforestation:

Extension of federal aid in fire protection, in co-operation with states and private owners of forest land to an ultimate maximum representing about one-fourth of the cost and to be safeguarded by federal supervision.

Comprehensive federal investigation of forest taxation and co-operation with states in devising tax laws and methods favorable to reforestation.

Federal co-operation with the states in growing and distributing forest-planting material.

Federal co-operation with states in educational activities seeking the encouragement of timber-growing by farmers and others of suitable land.

Liberal federal provision for the study of destructive forest insects and trees for aiding local agencies in their control.

Liberal federal provision for research to promote timber-growing and economy in the use of timber.

The committee is expected to recommend an appropriation of $1,000,000 annually to aid in fighting insects and diseases and to urge increase in appropriation for fighting forest fires.

ZINC STANDARDS FOR GALVANIZED PRODUCTS

Directors of American Zinc Institute have voted to investigate standards used by American manufacturers for galvanizing iron and steel products, so as to insure to the consumer properly zinc coated articles. The best European practice has maintained higher standards than ours. This is important when articles treated are exposed to dampness. If, therefore, American manufacturers are to compete successfully for world's galvanized iron business, or even satisfy requirements of American consumers, the institute feels that the industry as a whole should recognize the serious situation that it faces.

The institute does not propose arbitrarily to recommend a single standard for all zinc coat products, nor to try to force its standards upon manufacturers. Instead, it will investigate galvanized materials purchased in the open market and ascertain quality and durability for the specific purpose intended.

After sufficient tests have been made the institute will recommend a standard for each general line of galvanized ware and tell the public about it in its forthcoming national advertising campaign, permitting manufacturers, whose products conform to these standards, to use a quality symbol showing that the product is up to specification recommended by the institute.

UTILIZATION OF ANHYDRITE

Anhydrite, which occurs in considerable quantities at some gypsum mines, is now practically a waste material. Steps have been taken by the Department of the Interior, through the Bureau of Mines, to determine the amount of anhydrite available at various plants, and the possibility of finding useful applications for it in industry, for example, as a substitute for gypsum as a retarder in Portland cement. This work is being done at the non-metallic minerals station of the Bureau of Mines at New Brunswick, N. J.

DETERMINING SOUTHERN WHITE CEDAR YIELDS

The popular commercial principle of quick turnovers is exemplified in forest management through the study of the maximum annual yields of different species, announces the Forest Service, United States Department of Agriculture. From yield tables thus determined the turnover, or rotation period of the forest crop, can be estimated. C. F. Korstian, silviculturist of the Appalachian Forest Experiment Station at Asheville, N. C., assisted by W. B. McMillan, is preparing such yield tables for southern white cedar throughout the South Atlantic States. These tables will show the volume production that may be secured in this region at different ages and will thus indicate the earliest profitable age for cutting the trees, or rotation period for this crop. Future management of southern white cedar among private growers who are following efficient methods on their woodlands will be based on these tables.

CALIFORNIA HAS HIGHEST AUTO DEATH RATE

A continued increase in the death rate from automobile accidents is reported by the census bureau, which places the rate at 12.5 per 100,000 of population in the registration area last year, as compared with 11.5 in 1921 and 9.0 in 1917.

Fatalities in 1922, the report says, totaled 11,663, an increase of 1,498 over the preceding year. The figures cover 85 per cent of the nation's population. California had the highest rate—26.0 per 100,000 population—and Mississippi had the lowest with 3.4, while Vermont showed the greatest increase with a rate of 11.1 against 6.5 in 1921.

Connecticut, Massachusetts, Montana, Virginia and Washington reported declines in the rate, Washington leading this division with a reduction from 14.5 per 100,000 in 1921 to 12.3 in 1922.

Los Angeles has the highest rate in the sixty-seven cities reporting, showing 29.5 per 100,000.

CONSTRUCTION COUNCIL HEAD URGES WINTER CONSTRUCTION

(By Franklin D. Roosevelt, President of American Construction Council)

"When winter comes," construction men know that "spring is not for behind." Unfortunately through the years the idea became fixed that the winter season was disadvantage to successful prosecution of construction projects. But winter construction has been done, can be done and should be done.

In the early days of the country's development, when time was less essential than it is today and when our industrial situation was less complicated, it was seemingly justifiable to defer building until climatic conditions made matters a little easier. In our present rapid age when our vast population consumes the limit of production in many lines, construction cannot afford to doze in the atmosphere of mid-Victorian non-aggressiveness.

There is the possibility of a volume of construction for 1924, if present indications are sound, equal to if not greater than for 1923. Realizing this the Council recently urged all those interested in essential building projects in the near future to undertake such work at as early a date as possible in the fall or winter.

If winter is to bring a lull in meeting the demand for construction, next Spring will find the construction industry confronted with problems of shortage in materials and labor, transportation difficulties, and a rising market that will seriously interfere with its progress. If that occurs the public will be forced to incur costly delays in getting needed improvements and run the risk of higher if not prohibitive prices.

The advantages of uninterrupted construction throughout the year must be apparent to everyone. Whether used as an ameliorative or transportation problems, or as an aid to continuity of employment, or as a necessity in stabilizing production of materials, or as an effective contribution to the public demand for construction projects, every day added to construction is of incalculable value.

It is curious to note how tenaciously prospective investors in construction projects and builders cling to the obsession that winter work is impracticable. I have indicated how this practice arose in the earlier days, and I am sure that a brief consideration of the winter of 1917 will reveal that cessation of construction during the winter months is the result of psychological hallucination. The most severe winter weather was encountered in 1917—blizzards, extreme cold, and high winds. But the nation was at war. All along the Atlantic seaboard, docks, piers, foundries, factories and warehouses were in course of construction. Did a blizzard bring delay? Not much. Tons and tons of steel were bolted up while the snowflakes sizzled on the red rivets. Yards of concrete were poured while the tampers' gloves froze to the shovels. But the work went on. The job was done. The possibility of a twelve months construction year was revealed.

Notable instances of major operations conducted during the Fall and Winter months during the past year or two with a savings in construction costs ranging as high as ten per cent show the practicability of winter work and the benefits immediately accruing to individual owners and the public as well as to builders and labor on the job.

The country's need today is very acute. The construction industry must stand or fall in its obligation to the public as it meets that need or fails to meet it. It must have the help of those who contemplate building or other construction projects if it is to meet this need. Every day lost means an added accumulation to the growing demand.

The large volume of construction contracted for and already started during the Fall months shows that the public has thus far responded favorably in undertaking winter work. But more winter work should be done. Let every prospective builder who contemplates necessary construction during the coming year go ahead now with the work.

Cement Association Disposes of Important Matters at Annual Meet

The twenty-first annual meeting of the Portland Cement Association was held at The Biltmore, New York, November 19 to 21 inclusive. As usual, the first day's session was devoted to Accident Prevention and Insurance, Advertising and Publicity, Conservation, Technical Problems, etc., resulting in the preparation of annual reports which were presented at the Business Session on Wednesday, November 21.

On Tuesday, also following several years' custom, the general session was devoted to a discussion of problems concerning mill practice or things related thereto. At this session papers were presented by Paul C. Van Zandt, chief engineer, Asano Portland Cement Co., 1918-1923, on "The Manufacture of Portland Marquette in Japan" and by T. H. Cosford, assistant to general manager, Marquette Cement Manufacturing Co. on "Modern Cement Storages and Improvements in Methods of Loading and Packing, and Bag Handing."

The annual election of officers was held on Wednesday, November 21. F. W. Kelley, Albany, N. Y., was elected president; Blaine S. Smith, Chicago, first vice president; L. R. Burch, New York, second vice president. All of these constituting re-elected officers. John W. Boardman, Detroit, was elected treasurer.

The Portland Cement Association has been carrying on for the past two years or more an educational advertising campaign, particularly directed toward acquainting the public with a better understanding of some of the problems of cement manufacture. As is too often true in connection with sizeable industries, the common public loses sight of its inter-relation with, and interdependence upon any and all industry.

It was the concensus of opinion, expressed at the meeting, that this campaign has produced most gratifying results and has justified a continuance.

Unfortunately early press notices contained the incorrect information that the proposed advertising expenditure for 1924 involved an outlay of $5,000,000. This is so wide of the mark as to be almost ridiculous to anyone at all familiar with even what are commonly called huge advertising appropriations. The fact of the matter is that the Portland Cement Association contemplates no such expenditure but rather gave approval to essentially the same program for 1924 as has been carried on during the present year.

On October 5 the Portland Cement Association delegated H. M. Hadley, a well-known structural engineer of Seattle, Wash., and for many years prominent with construction work on the Pacific coast to visit Japan, making a study and report on the effect of the earthquake on the many modern buildings erected in Japan within recent years. Mr. Hadley has not had time to make any more than a brief cabled preliminary report, which however seems to indicate that modern reinforced concrete structures in the earthquake zone gave a good account of themselves, and that concrete will be used more largely than ever in the great rebuilding plan in Japan which is already under way.

Another interesting item of information in this connection was contained in a letter just received by Charles F. Woodworth, vice president of the Weber Chimney Company, 332 South Michigan Avenue, from U. Tanaka, Japanese representative of the company in Tokyo.

Especially interesting is the report concerning the wireless tower of the Imperial Japanese government, over which the only messages from Tokyo to the outside world were transmitted for some time after the catastrophe. The tower, built of reinforced concrete, is the highest masonry structure in the world. It stands 660 feet above the ground level and 672 feet above the bottom of the footings.

CANADIAN CLAY PRODUCTS MEETING SET

The Canadian National Clay Products Association will hold its 22nd Annual convention, February 13-14, at the Prince George Hotel, Toronto, Canada. An important illustrated paper will be presented by William Burgess, plant manager of the Don Valley Brick Works, Ltd., on "Kiln Bracing." The program will be carried out under the direction of H. F. Dingledine, superintendent of the National Fireproofing Company of Canada. Theodore A. Randall, secretary of the National Brick Manufacturers' Association, Indianapolis, Indiana, will be presented at the convention with an honorary life membership in the C. N. C. P. A.

WIDER STREETS FOR JAPAN

The streets of Yokohama and Tokyo are to be widened in the course of reconstruction, according to Charles Beard, member of the New York municipal bureau of research, who recently returned from Japan.

Beard, an expert on city planning, has spent several months in Tokyo since the earthquake, serving on the government board of advisement for rebuilding, having been sent for by Viscount Gato, Japanese minister of home affairs.

More than 100,000 temporary homes have been constructed in Tokyo, according to Beard. Contrary to the general belief, he said, a number of the partly destroyed buildings may be repaired without total rebuilding.

NEW JERSEY TO TEST U. S. WATER-POWER ACT

New Jersey has been granted permission by the Supreme Court to file a bill against the Federal Power Commission to test the constitutionality of the Federal water power act. The motion was made returnable January 21. New York already has such a suit pending. New Jersey would have the law declared an invalid invasion of the State's right to control the development of water power on its non-navigable streams and on the waterways it owns.

Building News Section

APARTMENTS

ɔntract Awarded.
'ARTMENTS Cost, $16,000
ıN FRANCISCO, N 18th St. 160-6 W Valencia.
vo-story & basement frame (8) apts.
vner—John F. Mullane, 155 29th St., San Francisco.
ɔntractor—O. K. Holt, 3877 26th St., San Francisco.

ntract Awarded.
'ARTMENTS Cost, $15,000
.N FRANCISCO, SW Guerrero & San Jose Avenue.
vo-story and basement frame (4) apartments.
vner—M. Breslin, 250 5th Ave., San Francisco.
chitect—John J. Foley, 770 5th Ave., San Francisco.
ntractor—J. Finigan, 770 5th Ave., San Francisco.

ntract Awarded.
'ARTMENTS Cost, $12,500
.N JOSE, Santa Clara Co., Cal. Delmas and Fuller Streets.
ore and apartment building.
vner—H. W. Nicolai, 225 Minnesota St., San Jose.
chitect & Engineer—T. Herschbach, Bank of San Jose Bldg., San Jose.

rpentry Work Started—Sub-Figures Being Taken.
'ARTMENTS, ETC. Cost, $25,000
.N FRANCISCO. Tiffany Avenue.
ive and remodel three-story frame rooming house into 12 3-room apts. and basement garages.
vner—Withheld.
chitect—O. R. Thayer, 110 Sutter St., San Francisco.
The carpentry work is being done by ys work. Sub-figures are being taken r plastering, electrical work, plumbg, painting and heating (Williams diator System).

ans Being Prepared.
'ARTMENTS Cost, $70,000
.N FRANCISCO. Jones St.
ix-story and basement Class A apartments.
vner—Withheld.
chitect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

ans Being Prepared.
'ARTMENTS Cost, $50,000
.N FRANCISCO. Western Addition.
Three-story and basement frame and stucco apartments (12 2 and 3-room apts.)
vner—Withheld.
chitect—P. Righetti, 12 Geary St., San Francisco.

ans Completed.
'ARTMENTS Cost, $12,000
CKLAND, E Acton Pl. 75 E Lester Avenue.
Two-story 14-room frame apts.
vner—M. S. Bonds, 3258 Grove St., Oakland.
chitect — L. F. Hyde, 372 Hanover Ave., Oakland.

Sub-Contracts Awarded.
'ARTMENTS Cost, $25,000
CKLAND, Alameda Co., Cal. Fortieth and Grove Sts.
Two-story frame and stucco apartments and store building with tile roof (6 stores and 7 2-room apts.)
vner—Frank M. Dunn.
chitect — McWethy and Greenleaf, Dickelman Bldg., Oakland.
ncrete work to Rhodes-Jameson Co.
rdware to Emeryville Hardware Co.
ll work to Atkinson Mill & Mfg. Co.
mber to E. K. Wood Lumber Co. ....
stering to Terrelli.
mbing to McMillan.
ctric work to Co-Operative Elec. Co.
nting not let.
ofing to Western Roofing Co.

Segregated Figures Being Taken.
APT. HOUSE Cost, $20,000
BERKELEY, Euclid Ave.
Two and 3-story frame and plaster apt. house, with T & G roof (9 2-room apartments).
Owner—Mrs. Frances Mustrave.
Architect—McWethy & Greenlear, 2910 Telegraph Ave., Oakland.

Segregated Figures Being Taken.
APT. HOUSE Cost, $70,000
OAKLAND, 19th St. opposite Athol Ave.
Three-story and basement frame and stucco apt. house with T & G roof (30 2-room apts.)
Owner—Cchilekheiser, Holden & Micholsen.
Architect—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN FRANCISCO, W Pierce S McAllister Street.
Three-story and basement frame (12) apartments.
Owner—F. S. Wilbert, care architect.
Architect—O'Brien Bros. 315 Montgomery St., San Francisco.
Contractor—F. L. Hansen, 510 Pine St., San Francisco.

Plans Complete.
STORE & APTS. Cost, $15,000
OAKLAND, Corner Fairfax & Foothill Boulevard.
Two-story frame and stucco store and apt. bldg. (2 4-room apts. and 3 stores with T & G roof).
Owner—Withheld.
Architect—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Figures to be Taken Next Week.
APARTMENTS Cost, $50,000
RICHMOND, Contra Cosea Co., Cal. Macdonald Avenue.
Three-story and basement frame and stucco apartments (21 2 and 3-rm apts T. & G. roof).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Bids will be taken for a general contract.

Working Drawings Being Prepared—Ready for Figures in Three Weeks.
APARTMENTS Cost, $70,000
SAN FRANCISCO. E Jones St. bet. Sutter and Bush Sts.
Six-story and basement Class A apartments (24 2-room apts.)
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Owner Taking Sub-Figures — Permit Applied For.
APARTMENTS Cost, $280,000
SAN FRANCISCO, NW Sutter & Leavenworth Streets.
Ten-story steel frame Class A brick and concrete apartments (75 2-rm. apartments).
Owner—L. B. Ham, 110 Sutter St., San Francisco.

Completing Plans.
APARTMENTS Cost, $16,000
SAN FRANCISCO, E Mason 60 S Green.
Two-story and basement frame (4) apartments.
Owner—S. Biondi, 738-A Green St., San Francisco.
Architect—L. Traverso, 854 Union St., San Francisco.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbls. $2.00 Gal.
5 GAL. CANS $1.25 Net F.O.B. SF
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO, CALIF.
PHONE DOUGLAS 5917

Lumber Bids Being Taken—To Be Done By Day's Labor and Sub-Contracts.
APARTMENTS Cost, $45,000
SAN FRANCISCO, NE Larkin and Pine Streets.
Three-story and basement frame (12) apartments.
Owner—Marian Realty Co., 1171 Market, San Francisco.
Architect—D. C. Coleman, 1151 Market St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $15,000
BERKELEY, Alameda Co., Cal. No. 2139 Berkeley Way.
Two-story 20-room frame apartments.
Owner—E. Ehret.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley.

Contract Awarded.
APARTMENTS Cost, $12,000
BERKELEY, Alameda Co., Cal. No. 2501-05 Virginia St.
Two-story 12-room frame apartments.
Owner—S. V. Culp.
Architect—None.
Contractor—Brooks Parker, 2026 Del Norte Ave., Berkeley.

Plans Being Prepared.
APARTMENTS Cost, $40,000
SAN FRANCISCO, Downtown district.
Four-story and basement reinforced concrete apt. (20 2 & 3-room).
Owner—Withheld.
Architect—T. Patterson Ross, 310 California St., San Francisco.

Plans Complete—Figures To Be Taken.
APARTMENTS Cost, $50,000
SAN FRANCISCO, W Leavenworth bet. Geary and Post Sts.
Five-story and basement reinforced concrete apt. house (30 apts.)
Owner—P. D. Tyler, 1438 Cabrillo St., San Francisco.
Architect—Woodward Wethered, State Hotel, San Francisco.

EAGLE ROCK, Los Angeles Co., Cal. —H. P. Siberell, 224 Milford St., Glendals, has the contract to erect a two-story brick store and apartment building on Colorado Blvd. near Ellis St., Eagle Rock, for G. Riddell, 2754 Colorado Blvd., Eagle Rock. Dimensions, 62x100 ft., 2-story, 13 apartments, brick walls, pressed brick facing, plate glass, steel beams, composition roofing, pine trim, oak and pine floors, tiled baths, wall beds, water heaters, gas radiators. Cost, $40,000.

LOS ANGELES, Cal. — Archt. Harry Genser, 208 Hibernian Bldg., is preparing plans for a 24-unit apt. bldg. to be erected on the cor. of Brede and 1st Sts., for M. Greenberg, to contain 16 single and 8 double rms. Two-story, 42x147 ft. Frame and stucco exter., comp. rfg., tile baths and drainbds., gas rads., aut. water htrs., refrigerators, wall beds, hardwd. fl., pine trim; $35,000.

LOS ANGELES, Cal.—A. V. Perkinson 4362 S Hoover St., has completed plans and has the contract at about $42,000 to erect a 46-rm., 20-apt. bldg. at s.e. cor. Budlong and Browning Aves., for Mrs. Karl Hoffman. Frame and plaster constr., 2-sto. and part basement, comp. rfg., hardwd. fls., tiled baths and drainboards, gas rads., aut. water htrs., wall beds, pine trim.

LOS ANGELES, Cal.—Archt. W. S. Hebbard, 534 I. W. Hellman Bldg., has completed plans for a 13-unit bungalow court to be erected on Columbia St., between West 6th St. and Crown Hill for Dr. E. D. Ward. Two sto., 65x195 ft., frame and stucco exter., part tile and comp. rfg., hardw. s., mahogany finish, tile bath, comp. drainbds., gas rads, aut. water htrs., incinerator, wall beds; $40,000.

LOS ANGELES, Cal.—Alameda Const. Co., 4812 Moneta Ave., has the contract to erect a 49-room, 24-apt. bldg. on Bond St. near Pico St., for A. J. Harris, Ambassador Hotel. Three-story 96x54 ft., frame and plas. constr., comp. rfg., pine trim, oak and pine fls., wall beds, tiled baths, water htrs., gas rads.; $48,000.

LOS ANGELES, Cal — Architect Harry Genser, 207 Hibernian Bldg., has completed plans for a three-story apartment building to be erected on Exposition Blvd., between Vermont and University Aves., for Mr. Murstein and Mr. Neft of Seattle. It will contain 45 apartments, 3-story, frame construction triangular dimensions, 272x126 ft., composition roofing, hardwood floors, automatic electric elevators, tile baths and drainboards, electric heating, basement refrigerating system, incinerators, ornamental iron work. There will be a large lobby and ballroom.

LOS ANGELES, Cal.—Vaughan Construction Co., Chapman Bldg., has the contract to erect a 12-story and basement class A apartment house at 3rd St. and Cedar Ave., Long Beach, for Chas. H. and Fred Stillwell. Cost, $1,500,000. Russell & Alpaugh, 1106 Story Bldg., archts. There will be a subbasement for heating plant, auto storage in the basement; 14 shops, assembly room and lobby in first story, and 539 rooms arranged in 264 apts. in the upper stories. Dimensions, 150x140 ft., reinf. conc. construction, stucco and cast stone trim, plate glass, marble lobby, mahogany and enameled interior finish, tiled baths and sinks, wall beds, 3 elevators, steam htg., vacuum cleaning, refrigerating system.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., have been commissioned to prepare plans for a 9-story and basement class A store and hotel bldg. to be erected at s.w. cor. of 5th and San Pedro Sts. for E. N. Adam. Six stores, 326 rooms, 50 per cent baths, 50 per cent with showers and toilets; reinf. conc. construction, 95x139 ft., stucco or press. brick exter., terra cotta trim, plate glass, pine trim, 2 elevators, tiled baths, steam htg., vacuum cleaning; $650,000. H. T. Johnson Co., 304 Bradbury Bldg. has the contract on a percentage basis.

BONDS

LEMOORE, Kings Co., Cal.—Dec. 21 is date set to vote bonds of $35,000 to finance construction of city hall building.

BURBANK, Cal.—Board of education has appointed comm. to make survey of local school facilities with a view toward calling a school bond election for $100,000.

GRIDLEY, Butte Co., Cal. — Third election held in Gridley High School District to vote bonds of $200,000 to finance construction of new high school failed to carry by a majority of 274 votes. The second election failed by six votes.

SEATTLE, Wash.—City council contemplates bond election to vote from $750,000 to $1,000,000 to finance construction of municipal auditorium.

SALINAS, Monterey Co., Cal.—Salinas Grammar School District votes bonds of $105,000 to finance construction of two new grammar school bldgs. J. J. Donovan, Tapscott Bldg., Oakland, and Davis-Heller-Pearce Co., Delta Bldg., Stockton, are the architects.

SPARKS, Nevada—Dec. 20 is date set to vote bonds of $125,000 to finance construction of two new school buildings. A junior high school costing $110,000 and a $115,000 primary school is contemplated. W. R. Adams is a member of the school board.

EUREKA, Humboldt Co., Cal.—Election will be held early in February to vote bonds of $450,000 to finance construction of Junior High School, preliminary plans for which have been prepared by Architect John J. Donovan Tapscott Bldg., Oakland.

REDWOOD CITY, San Mateo Co., Cal.—County supervisors sell $15,000 bond issue of Burlingame School District; proceeds of sale to finance improvements.

FAIRFIELD, Solano Co., Cal.—County supervisors sell $14,000 bond issue of Rio Vista Joint School District for premium of $913.50; proceeds of sale to finance school improvements. Dean & Dean, City Library Bldg., Sacramento, are the architects.

SALINAS, Monterey Co., Cal.—Architect Marshall A. Dean, Pacific Grove, commissioned to prepare plans for grand stand extension to be constructed at Salinas racetrack. The stand will have a seating capacity of 8000. Plans will provide for additional units to be undertaken later. The city will vote bonds of approximately $30,000 to finance construction.

CHURCHES

SAN ANSELMO, Marin Co., Cal. — First Presbyterian Church, Rev. Frank M. Cross, pastor, plans erection of new $60,000 church building. A site in the north side of Tunstead Ave., near the library will be chosen for the structure. Preliminary plans for the structure are being prepared.

Lumber and Terra Cotta Contract Awarded — Sub-Figures Being Taken.
CHURCH Cost, $390,000
SAN FRANCISCO, SE Bush & Steiner Streets.
Class "A" church.
Owner—St. Domonics Priory of S. F 2390 Bush St.
Architect—Beezer Bros., 1915 Steiner St., San Francisco.
Sub-figures are being taken for sand rock and gravel, and reinforcing steel
Lumber awarded to Olsen-Mahoney Lumber Co.
Terra Cotta to Denney-Renton Clay Mfg. Co., Seattle.
The concrete super structure is being erected by days labor under the supervision of the architects.

Sub-Contracts Awarded.
CHURCH Cost, $—
SAN FRANCISCO, SE Divisadero and Clay Streets.
Second unit of 1-story mez. and basement brick church.
Owner—Sixth Church of Christ Scientist.
Architect—W. H. Crim Jr. and H. Murdock, 425 Kearny St., San Francisco.
Brick work to Hoch & Hoffmeyer, 18 Jessie St., $13,975.
Reinforced concrete work to Chas. Sartorio, 180 Jessie St., $3663.
Mill work etc. to J. H. Kruse, 23rd and Shotwell Sts., $1101.
Cordova roofing tile to Gladding McBean Co., Crocker Bldg., $1475.
Sheet metal work to United Sheet Metal Works, $853.
Felt & gravel roofing, hot coating fire walls and under roofing to Alt Roofing Co., 570 Waller St., $586.
Plumbing to Wm. P. Goss, 4640 Geary St., $848.

COLTON, Calif. — Archt. Norman F Marsh, 211 Broadway Central Bldg., is preparing plans for a new Baptist church bldg. to be erected at Colton It will contain an auditorium, Sunday school rooms, social hall, etc; frame and plaster construction; $50,000.

SAN JOAQUIN, Fresno Co., Cal. — Methodist Church Society of San Joaquin plans erection of $9000 church building. Rev. J. G. Ross is pastor.

SAN ANSELMO, Marin Co., Cal. — Second Presbyterian Church of San Anselmo (Yolansdale Community Church) has taken option on two sites and contemplates erection of new edifice to cost from $20,000 to $30,000. Rev. L. E. Stein is pastor. Building Finance Committee is composed of H. M. Christian, chairman; A. M. Griffith and the pastor.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

FACTORIES AND WAREHOUSES

'lans Being Figured.
LOFT BLDG. Cost, $50,000
AN FRANCISCO, E Tenth St. N Bryant Street.
Two-story reinforced concrete scenery painting loft.
wner—Louis R. Lurie.
essee—Rosenthal Entertainers, Inc.
rchitect—O'Brien Bros., 315 Montgomery St., San Francisco.
Figures are being taken for a general contract.

'lans Being Prepared.
'ACTORY Cost, $30,000
AKLAND, 8th and Jefferson Sts.
ne-story and mez. brick factory bldg.
wner—Withheld.
rchitect — W. E. Schirmer, Thayer Bldg., Oakland.

'lans Being Prepared.
'ACTORY Cost, $50,000
AN FRANCISCO. North of Market St.
wo-story and basement reinforced concrete factory.
wner—Withheld.
rchitect — P. Righetti, 12 Geary St., San Francisco.

ontract Awarded.
ACHINE SHOP Cost, $10,000
AN FRANCISCO, N Folsom 250 E 9th.
wo-story reinforced concrete machine shop.
wner—A. Pottet.
rchitect — Albert J. Fabre & E. H. Hildebrand, 110 Sutter St., San Francisco.
ontractor—A. Elvin, 180 Jessie St., San Francisco.

ontract Awarded.
ARAGE Cost, $23,570
TORAGE BLDG. Cost, $6200
AN FRANCISCO, 20th and Illinois.
ne-story concrete oil storage bldg. 48 by 58 ft., and 1-story steel, brick and tile private garage, 73x88 ft.
vner—American Can Co., Mills Bldg. San Francisco.
ans by company engineers.
ontractor — Lindgren & Swinerton, Standard Oil Bldg., S. F.

LOS ANGELES, Cal.—Archts. Walker Eisen, 330 Pac. Finance Bldg., have mpleted plans and are taking bids r erecting a 1-story factory bldg. at e. cor. of Slauson and South Park 'es. for Weber Showcase Co., 316 S. s Angeles St. Dimensions, 360x800 ft., ick walls, steel sash, wire and ribbed ass, wood roof trusses, comp. rfg., tal skylights, cem. fls., loading platrms, conveyors; $20,000.

LONG BEACH, L. A. Co., Cal.—C. T. Grew and Sons, 1345 W Ocean Ave., ng Beach, have the contract to erect addition to the main plant and a op bldg. at the Southern Service Co.'s ndry at Broadway and Mitchell St., ng Beach. Parker O. Wright and ancis H. Gentry, 315 Marine Bank dg., Long Beach, archt. and engrs. dn., 1-story, 80x120 ft., plain brick lls, steel saw-tooth roof, cem. fls., el sash, skylights. Shop, 2-story, 40 80 ft., plain brick walls, cem. fl., np. rf., skylights, steel sash.

HUNTINGTON BEACH, Orange Co., Cal.—Jacob W. Purinton, engr., 304 San Fernando Bldg., has completed preliminary plans for a group of cotton mill bldgs. to be erected at Huntington Beach, for the California-Pacific Textiles, Inc., W. A. Golden, pres. L. W. Cuddy, gen. mgr., T. B. Talbot, director. There will be a main textile bldg., 3-story, 100x300 ft., a 4-story storage bldg. designed to carry 2 future stories, boiler house, 1-story shipping bldg, a transformer station bldg. and a large storage and loading platform connected to the shipping bldg. Reinf. conc. and brick constr., comp. rfg., steel sash, oil burning boilers, conc. and factory maple fls., wire glass, sprinkler system, elevators and conveyors, large conc. water storage tank, reinf. conc. smokestack.

ALHAMBRA, L. A. Co., Cal.—Los Angeles Concrete Tile Co., I. W. Hellman Bldg., contemplates erecting two factory bldgs. on a 4-acre industrial site, which they have recently purchased at cor. Mission Rd. and Fremont Ave., Alhambra. Main bldg. will be 70x200 ft., 1-story and part 2-story, curing sheds, 75x150 ft., 1-story, hollow tile walls, plas. exter., comp. rfg., conc. and pine fls, metal skylights, steel sash wire glass.

LOS ANGELES, Cal. — Milwaukee Building Co., 315 Wright & Callender Bldg., has prepared plans and has the contract to erect a factory bldg. on Mckinley Ave. near Florence Ave. for Normany Products Co. Two-sto., dimensions, 140x160 ft., frame constr., brick walls, steel sash, galvanized iron rfg., metal skylights, cem. and wood fls.;

RENO, Nevada — Western Pacific Railway Co. has provided appropriation of $20,000 in 1924 budget to finance construction of new freight depot at Reno. Site 140 by 150 ft. has been purchased facing the Plaza bet. Evans Ave. and East St. Will be of brick construction.

LOS ANGELES, Cal—Frand D. Chase Inc., archts. and engineers, Title Insurance Bldg., are preparing plans for a 6-story class A factory bldg. to be erected in the Central Manufacturing District for Los Angeles Ironall Factory, 502 Haas Bldg. Dimensions 100x 150 ft., reinf. concrete construction, steel sash, comp. rfg., metal skylights, elevators; $160,000.

LOS ANGELES, Cal.—R. C. Durant, C. M. Steves and Al G. Waddell all of Oakland, in addition to interests represented at Seattle, Wash., have chartered a company to manufacture the Star transmissions in Los Angeles and will put $5,000,000 in the enterprise. Steve is president of the holding company. On the board of directors are: Harry A. Miller, automobile engineer; C. B. Starr, inventor of the transmission; Edgar Starr, J. A. Murphy, and Al. G. Waddell.

FLATS

Contract Awarded.
FRAME FLATS Cost, $12,000
SAN FRANCISCO. N Chestnut St. 100 W Franklin St.
Two-story and basement frame (2) flats.
Owner—Mrs. Louise Segall.
Architect & Contractor—A. A. Wesendunk, 1747 Dolores St., S. F.

Plans Being Prepared.
FLATS, ETC. Cost, $12,000
SAN FRANCISCO, location not given.
Two-story and basement frame and stucco flat building (2 5-room flats and garage).
Owner— Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Plans Being Prepared.
FLATS Cost, $15,000
SAN FRANCISCO, Mission District.
Two-story and basement frame and plaster flats.
Owner—Withheld.
Architect—T. Patterson Ross, 310 California St., San Francisco.

GARAGES

Plans to be Prepared.
GARAGE, ETC. Cost, $14,000
HAYWARD, Alameda Co., Cal. A St., between Castro and Watkins Sts.
One-story concrete auto sales and garage building.
Owner—Dohner & Galbraith, 1036 A St., Hayward.
Architect—Not Selected.

Contract Awarded.
AUTO BLDG. Cost, $11,850
OAKLAND, SW E-14th St. & SE Pomona Avenue.
One-story brick tile and concrete auto sales and service building.
Owner—H. Stolzenberg, Larkspur, Cal.
Architect—C. N. Burrell, American Bk. Bldg., Oakland.
Contractor—Peter Petersen, 1252 Sherman, Oakland.

Plans Completed.
GARAGE Cost, $15,000
SAN FRANCISCO. S Ocean Ave. 25 W Brighton St.
Two-story reinforced concrete public garage.
Owner—Jos. Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor — American Concrete Co., 785 Market St., San Francisco.

LOS ANGELES, Cal.—Architect McNeal Swasey, 405 Hibernian Bldg., has been commissioned to prepare plans for a two-story Class C Spanish auto sales and garage building, to be erected at the corner of Gordon St. and Sunset Blvd., for the Peerless Motor Car Co., Stanley W. Smith. Dimensions, 114x 150 ft., brick walls, plaster exterior, tile and composition roofing, tile, cement and hardwood floors, structural steel, steel sash, metal skylights, plate glass; offices, salesroom, locker room, pain shop and repair shop.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?
For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.
OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.
A. Quandt & Sons
Painters · Decorators
Since 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
Los Angeles

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

NORTH BEND, Ore. — Architects Tourtellotte and Hummel, Failing Bldg Portland, Ore., preparing plans for 2-story 60 by 100 ft. fireproof garage to be erected at Sherman and Union Aves. for the Coos Garage, Inc., of North Bend, the Structure to be leased to Forbes, Currie and Co., Inc., agents for Buick autos and White trucks.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C. — Plans and specifications are now ready at the bureau of yards and docks, Navy Department, Washington, for miscellaneous work at veterans' hospital and navy yards and stations under direction of the bureau of yards and docks. Applications accompanied by the deposit specified may now be filed for these projects:

Specification 4895, North Head, Wash. for reinforced concrete engine house, two frame double quarters, frame barracks, wood water tank on wood tower, sewer system with septic tank, central heating plant for frame buildings, heating plant for existing quarters, water piping and concrete walks, all at the naval radio station, North Head, Wash. Engine house will have built-up roofing, wood doors, steel sash and concrete floor and engine foundation. Frame buildings will have concrete basements, siding over sheathing, shingle roofing, wood sash and doors, and plastered walls and ceilings. Buildings will have complete plumbing, heating and lighting systems. Deposit of a check or postal money order for $10 is required as security for the safe return of the drawings and specifications.

Specification 4911, Pearl Harbor, Hawaii, for an extension to storehouse at the naval operating base (supply depot), Pearl Harbor, T. H. The extension will be two-story reinforced concrete, 171 ft. 6 in. by 62 ft. with platform along one side, and will have built-up roofing, elevator, steel sash, metal covered doors, plumbing and electric light and power systems. Deposit of a check or postal money order for $20 is required.

Specification 4925, San Diego, Calif., for scrub decks at the naval operating base (marine barracks), San Diego, Calif. The structure will consist of a concrete slab door, concrete foundations, wood scrub decks, hot and cold water systems and drainage system. Deposit of a check or postal money order for $10 is required.

Specification 4926, Keyport, Wash., for one-story extension to operating building at the naval radio station, Keyport, Wash. The extension will have concrete foundations, floor, roof and exterior platforms, brick walls, metal sash and composition roofing. Deposit of a check or postal money order for $10 i sreqiired.

PORTLAND, Ore.—Following bids rec. by U. S. Engineer Office, Portland, under Circular 24-519, for furnishing and delivering rubber dredge sleeves:

Item 1, each on 20 sleeves, 25½x36 in.; 2, each on 2 sleeves, 25½x48 in.; 3, total; (4, approximate cost to U. S. for freight to Portland, Ore.; 5, approximate total cost to U. S.

United States Rubber Co., Portland, Ore., f. o. b. Portland, item 1, $68.20; 2, $90.95; 3, $1,545.90; 4, $0.00; 5, $1,545.90; accepted.

New York Belting & Packing Co., New York City, f. o. b. Passaic, N. J., item 1, $68.20; 2, $90; 3, $1,544; 4, $99.58 5, $1,643.58.

The Gutta Percha & Rubber Mfg. Co., New York City, f. o. b. Brooklyn, item 1, $67.95; 2, $99; 3, $1,557; 4, $99.58; 5, $1,656.58.

Pioneer Rubber Mills, San Francisco, f. o. b. Pittsburg, Calif., item 1, $69.79; 2, $94.03; 3, $1,583.86; 4, $5.90; 5, $1,589.76.

Marshall-Wells Co., Portland, Ore., f. o. b. Boston, item 1, $75.08; 2, $96.33; 3, $1,694.26; 4, $99.58; 5, $1,793. 84.

DENVER, Colo.—Until Jan. 3, bids will be rec. by Bureau of Reclamation for fur. 2 5 by 6-ft. high pressure emergency gates for Tieton Dam, Yakima project, Washington. Further information on request.

WASHINGTON, D. C.—Appropriations recommended to Congress for Pacific Coast rivers and harbor improvements total approx. $5,000,000. Recommendations include $910,000 for Columbia and Williamette rivers below Portland, Ore., and $909 000 for Coos Bay, Ore. New work and maintenance to cost, $981,000 is recommended for Humboldt Bay, Calif. Other recommendations in California include:

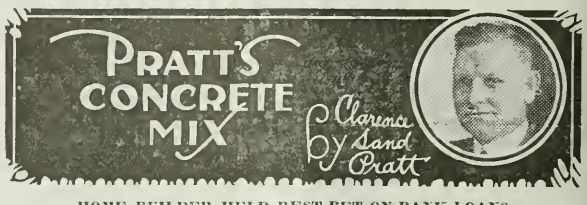
Flood control under the California debris commission, $500,000; San Francisco harbor, new work and maintenance, $150,000; Oakland harbor, new work, $245,000; Richmond harbor, new work, $256,000, one-half of which is to be provided by local interests; San Pablo bay and Mare Island strait, new work, $130,000; Suisun by channel, maintenance, $13,000; Petaluma creek maintenance, $37,000; San Rafael creek maintenance, $20,000; Crescent City, new work, $200,000; San Joaquin river, new work, $26,000; Sacramento river, various work, $96,000.

Other recommendations include, Coquille river, Oregon, new work and maintenance, $19,000; Coos bay, Oregon, new work and maintenance, $909,000; Yuquina bay and harbor, Oregon, new work and maintenance, $90,215; Umpqua, Oregon, new work, $61,500; Snake river, Oregon, Washington and Idaho, maintenance, $14,000; Columbia and Lower Willamette rivers, below Vancouver, Wash., and Portland, Ore., new work and maintenance, $910,000.

Willamette river, above Portland and Yamhill, Ore., maintenance, $27,000; Gray's Harbor and bar entrance, Washington, maintenance, $1000,000; Puget Sound and tributary waters, snaging, $30,000; Seattle harbor, dredging, $10,000; Lake Washington ship canal, Washington, maintenance, $43,000; Bellingham harbor, Washington, dredging, $15,000.

PEARL HARBOR, T. H.—Allen Pope, 4722 15th St., N. W., Washington, D. C., at $44,000, Item 1, $4000 for item 2; items 3, 4 and 5 also accepted, awarded contract by Bureau of Yards and Docks Navy Department, to construct extension for Battery storage and overhaul building at Pearl Harbor under Specification No. 4910. Time for completion 180 days.

PEARL HARBOR, T. H.—Davison & Nicolsen, 324 West Lafayette St., Stockton, Calif., (Item 1) at $173,374 awarded contract by Bureau of Yards and Docks, Navy Department, under Specification No. 4859, to construct one-story storehouse at Naval Operating Base, Pearl Harbor. Item 2 also accepted. Time for completion 240 calendar days.



HOME BUILDER HELD BEST BET ON BANK LOANS

Bank of Italy Chief Says This Type of Borrower is Perfectly Safe

The man who applies to a bank for a loan with which to build a home is the safest risk of all.

Such was the opinion voiced last night to more than 375 members of the San Francisco Chapter of the American Institute of Banking by A. J. Gock, vice-president of the Bank of Italy, at a forum meeting of the chapter held in the Colonial ballroom of the Hotel St. Francis.

"It has been my experience that the man who earnestly wishes to borrow our money with which to build himself a home is the best customer we have," Gock said. "We find that no matter how small his payments are designated, the home builder is prompt to pay and is one of the best risks on our books. The man who wants to build a home and must borrow our money to put it over, is, everything considered, as good as gold."—News item.

THE ABOVE is from.
* * *
THE FERTILE brain.
* * *
OF SANDY Pratt's banker.
* * *
AND WHILE Sandy, producer.
* * *
OF SAND, rock and gravel.
* * *
WOULD RATHER hear.
* * *
MR. GOCK say.
* * *
SANDY'S TWO companies.
* * *
THE PRATT Building Material Co.
* * *
AND THE Pratt Rock & Gravel Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
ARE HIS best loans.
* * *
AND CAN have.
* * *
ALL THE money Sandy wants.
* * *
NEVERTHELESS IF Al Gock.
* * *
AND HIS Bank of Italy
* * *
LOAN THEIR money.
* * *
TO HOME builders.
* * *
THEN SANDY can sell them.
* * *
HIS SAND, rock and gravel.
* * *
AND IN the course.
* * *
OF A thousand years.
* * *
MAKE ENOUGH money.

TO BUY out Gock's banks.
* * *
SANDY HAS a (sand) bank.
* * *
AT SACRAMENTO and Marysville.
* * *
ALSO AT Prattco (Monterey County).
* * *
AND SANDY has more "rocks."
* * *
AT HIS new rock crusher.
* * *
AT PRATTROCK, near Folsom.
* * *
THAN THE Bank of Italy.
* * *
IN ALL its branches.
* * *
"I THANK you."

This is the type of building that A Gock of the Bank of Italy says is good loan. In beautiful Westwoo Park, where Sandy Pratt, producer o sand, rock and gravel is "mayor, there are over 600 pretty bungalo homes, most of them carrying a ban loan and almost none of the owne ever default on their payments.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnish and delivering materials to Navy Yards; date to open bids as noted at close of each paragraph:

Schedule 1606, for various navy yards miscellaneous tools, including ship augers, 46 calipers, 148 spring calipers, 204 carbon steel countersinks, 276 countersinks and drills, 300 glass cutters, 1100 do, 32 setting dies, 108 machinists' dividers, 117 hand drills, 144 do, 1420 hacksaw frames, 996 hacksaw frames, 938 hammers, 756 hammers, 19 screw jacks, 600 putty knives, 97 hide-faced hammers, 552 diagonal cutting pliers, 204 cutting punches, 1200 center punches, 1236 rules, 600 caliper rules, 60 hand saws, 100 saws, 120 band saws, 5400 ships' scrapers, 2213 screwdrivers, 276 screwdrivers, 180 jewelers' screwdrivers, 132 spatulas, 24 combination set squares, 90 steel measuring tapes, and 180 gasoline torches.

Schedule 1630, f. o. b. 6000 feet electric wire, Dec. 11.

Sched. 1635, for Mare Island, 10,000 lbs. curled hair, Dec. 18.

Sched. 1636, for Boston and Puget Sound, various kinds of brushes Dec. 18

Sched. 1643, for eastern and western yards, 1023 reams emery cloth, Dec. 18.

Sched. 1644, for Norfolk and Mare Island, 60 oxygen regulators, Dec. 18.

Sched. 1645, for western navy yards miscellaneous steel wire rope, Dec. 18.

Sched. 1646, for Puget Sound, 2000 casting brushes, Dec. 18.

Sched. 1647, for eastern and western navy yards, acetone, drop black, liquid bronze, paint drier, white glue, green chrome, paint and varnish remover varnish and vermillion, Dec. 18.

Sched. 1650, for eastern and western yards, miscellaneous pipe fittings, December 18.

Sched. 1651, for eastern and western yards, miscellaneous clothes lockers, Dec. 18.

Sched. 1655, for Puget Sound, miscellaneous pumps and spare parts. December 28.

TACOMA, Wash.—Following bids rec. by U. S. Engineer Office, Seattle, for dredging in city waterway, Tacoma Harbor, Wash:

Item 1, per cu. yd.; 2, total bid, price based on estimated amounts of matedial $78,000 cu. yds.)

Henry & McFee, 208 Northern Life Bldg., Seattle, Wash., item 1, 27*c; 2 $21,450.

Tacoma Dredging Co., 1113) A St., Tacoma, Wash.(, item 1, 33c; 2, $25,740.

DENVER, Colo.—Until Dec. 20, 2 p. m., bids will be rec. by Bureau of Reclamation for fur. gates and gate hoists specifications No. 343-D, for North Platte Project, Nebraska-Wyoming, involv. 11,000 pounds of metal work. Further information on request.

SAN FRANCISCO—A. Quandt & Sons 374 Guerrero St., San Francisco, at $988.10 awarded contract by supervising architect, Treasury Department, Washington, D. C., for painting and repairs at appriaser's stores; time for completion 30 days.

HALLS AND SOCIETY BUILDINGS

Contractors Taking Terra Cotta Bids

STORE, ETC. Cost, $1,000,000
SAN FRANCISCO. N Post St., between Powell and Mason Sts.
Thirteen-story Class A store and club building.
Owner—Elks' Club.
Architect — Meyers & Johnson, 742 Market St., San Francisco.
Engineer — C. H. Snyder, 251 Kearny St., San Francisco.
Contractor — R. McLeran Co., Hearst Bldg., San Francisco.

As reported before the steel contract has been awarded to Golden Gate Iron Works, 1541 Howard St., at $140,000.

Preliminary Plans Approved.

LODGE & STORE Cost, $1,000,000
SACRAMENTO, Cal., 11th and J Sts.
Six-story class A lodge and store bldg. 100 by 160.
Owner—Elks Club of Sacramento.
Architect—E. C. Hemmings & Leonard F. Starks associated, Oschner Bldg. Sacramento.

HERMOSA, Los Angeles Co., Cal.—J. A. Wolvin Co., Braly Bldg., Pasadena, was low bidder at $339,439 on the general contract for erecting a club building at Hermosa Beach for the Surf & Sand Club. Myon Hunt, 1107 Hibernian Bldg., is the architect. Bids for the plumbing and heating are held under advisement. Other bids on the general contract were: Robertson & Evans, $345,039; Wm. Crowell, $348,000; North Pacific Constr. Co., $349,135. The building will be of reinforced concrete construction, 6-story, plaster exterior, composition roofing.

CORCORAN, Kings Co., Cal. — Corcoran Post, No. 144, American Legion, will shortly order preparation of plans for new club house to be erected at Van Dorsten and Hanna Aves. The county will assist in financing construction.

FRESNO, Fresno Co., Cal.—Sisters of the Holy Cross, St. Alphonse Convent, are planning erection of two-story frame and stucco home at Tuolumne and Trinity Sts., to contain about 15 rooms. Site is 75 by 150 ft. Estimated cost $25,000.

LOS ANGELES, Cal.—Archts. Morgan Walls & Clements, 1124 Van Nuys Bldg. have completed plans and are taking bids for erecting a new store and lodge bldg. at n.e. cor. of Washington and Oak Sts. for the Odd Fellows Lodge. Dimensions, 104 by 172 ft. 3-story and basement, steel frame, brick walls, cast stone and stucco exter., comp. rfg., wood fls., marble and tile work, hardwood and pine trim, oak, pine and cem. fls., steam htg., elevator. Bids are being taken separately on the general contract, plumbing, wiring, painting, heating and elevator.

HOSPITALS

LOS ANGELES, Cal.—Bertelsen & Schuldt, 950 S. Stanford St., Los Angeles, submitted low bid to county supervisors Dec. 3, at $99,000 for constructing new psychopathic building at the county farm. Other bids were: J. S. Metzger & Sons, $99,769; G. F. Barber, $102,998; L. A. Geisler, $109,848; Darrell Condley Co., $113,825; Chris. Thoren, $115,353; McDonald & Driver, $115,700; H. H. Hines, $116,000; G. A. Shepard, $116,525; J. B. Dawson, $117,730; North Pacific Constr. Co., $119,800; Kinne & Westerhouse, $119,400; T. E. Young, $120,977; J. F. Kobler, $122,755; Witt & Ike, $125,646; McFadden & Winkleman, $126,500; Anton Johnson, $126,248; Walter Slater Co., $127,500; J. F. Atkinson, $129,862; Weymouth Crowell, $131,800; John Simpson & Co., $134,620 and G. W. Young, $167,736.

VISALIA, Tulare Co., Cal. — Earl Bowen, Strathmore, Calif., at $46,611 awarded general contract by supervisors of Tulare and Kings counties to erect children's tubercular ward at Springville hospital. Plumbing and heating awarded to Horlick-Clow Co., Hanford, at $11,036. Anton Johnson, architect, Kingsburg.

OAKLAND, Cal.—Baby Hospital Association, Mrs. Geo. Jensen, president, has $18,009 available to finance construction of a baby hospital building. It is proposed to hold a series of socials to increase the fund to permit the erection of a suitable structure.

HOTELS

Figures to be Taken in Two Weeks.

HOTEL Cost, $300,000
SAN FRANCISCO. SE Eddy and Jones
Six-story and basement steel and reinforced concrete hotel.
Owner—A. Vayssie.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Work Started—Being Done by Day's Work.

BUILDINGS Cost, $40,000
MIDDLETOWN, Lake Co., Cal. Four Miles from.
Group of reinforced concrete summer resort buildings..
Owner—A. Andrieu.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Cottages, dining pavilion, garage, bathhouses, etc.

Plans being Prepared.

HOTEL Cost, $35,000
SAN LUIS OBISPO, San Luis Obispo Co.
Two-story brick and reinforced concrete hotel and store building (30 rooms).
Owner—Withheld.
Architect—P. Righetti, 12 Geary St., San Francisco.

MEDUSA
WHITE CEMENT

LOW PRICES
FRESH STOCK

Pacific Materials Co.
525 Market Street San Francisco

Contracts Awarded.
DORMITORY Cost, $150,000
SAN FRANCISCO, S Ellis 256 E Webster.
Six-story reinforced concrete dormitory
Owner—Glad Tidings Tabernacle, Inc. and Bible Training School.
Architect—Wm. F. Gunnison and H. P. Merritt, 57 Post St., San Francisco.
Reinforced steel to Badt-Falk Co. ....
Concrete work to Irvine & Jacks.
Lumber to San Francisco Lumber Co.

Contract Awarded.
ALTERATIONS Cost, $16,000
SACRAMENTO, Sacramento Co., Cal. No. 220-226 K St.
Remodel upper floor of dormitory.
Owner—Wataru Idemoto, Florin.
Architect—None.
Contractor—K. Yabuki, 1326¼ 4th St., Sacramento.

Plans Being Prepared.
ADDITION Cost, $600,000
SAN FRANCISCO, California, Mason, Sacramento and Powell Sts.
Two-story class A addition to present 7-story hotel bldgs. and a 100-foot addition to the ballroom on the Sacramento Street wing. There will also be a roof garden.
Owner — Fairmont Hotel (D. M. Linnard).
Architect—Reid Bros., 105 Montgomery St., San Francisco.

Contract Awarded.
STORE & HOTEL Cost, $65,000
STOCKTON, San Joaquin Co., 325 E Weber Ave.
Three-story fireproof store and hotel.
Owner—Dr. Albert E. Hodgkins.
Architect & Contractor—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

OAKLAND, Cal.—When condemnation proceedings by the city against the historic Key Route Inn are completed and the order made for the cutting through of Twenty-second street from Broadway to Telegraph Avenue, the traction company will consider plans for construction of a new hotel and station. Attorney Douglas Nye representing the inn owners.

LOS ANGELES, Cal. — Architects Walker & Eisen, 330 Pacific Finance Bldg., have been commissioned to prepare plans for a thirteen-story Class A store and hotel building to be erected on the east side of Broadway betw. Ninth and Tenth Sts. for Trattner & Harrison, Garland Bldg. Dimensions 90x143 ft., stores in first story, 312 hotel rooms in upper stories; reinforced concrete construction, pressed brick and terra cotta facing, marble and tile work, hardwood trim, elevators, steam heating. Cost, $1,000,000.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., has completed plans for a 5-story class C hotel bldg., to be erected at n.w. cor. Columbia Ave. and Acacia St., for Mrs. Louise Chatt, Ingraham Apts.; it will contain 100 rms. with 100% baths, large lobby, porch and terraces. Dimensions, 50x140 ft., 1st fl reinf. conc. constr., brick walls, press. brick facing, comp. rfg., tile lobby, marble base, steam htg. system, basement, elec. elevator, pine and hardwd. fls., art stone and ataff trim, tiled baths, metal skylights; $200,000. Owner will take bids and have charge.

KING'S
ORIENTAL
STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco

LOS ANGELES, Cal.—Architect Leonard L. Jones, 603 Grosse Bldg., is preparing plans for a four-story (class C hotel building to be erected at 752 Lake St. for Mrs. Jerome. It will contain 92 rooms with 100 per cent baths and lobby. Brick walls, basement, composition roofing, pressed brick facing, structural steel, tiled baths, wall beds, pine and hardwood floors and trim, metal lath, water storage water heater.

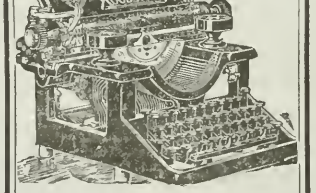
GLENDALE, L. A. Co., Cal. — The Glendalia Hotel Co. rejected all bids for the erection of a 5-story class B hotel bldg. at Glendale. Dr. E. H. Parker, owner of the property, and W. W. Connelly of Los Angeles are making other arrangements to proceed with the erection of the bldg. The original stock company will be dissolved. Alfred F. Priest, 719 Fay Bldg., L. A., is the architect.

LOS ANGELES, Cal. — Architects Schultze & Weaver, Pacific Mutual Bldg., are preparing preliminary plans for a 13-story Class A hotel building to be erected on the Howell property at 7th and Bixel streets and extending through to 8th St. for a syndicate represented by Jas. Toplitzky. The building will contain about 1500 rooms.

LOS ANGELES, Cal. — Boyce-Seely Constr. Co., 411 Pac. Finance Bldg., will erect the following hotels for itself: a 47-room hotel on Girard St. nr. Valencia St., two-story 46x115 ft, frame and plas. constr., comp. rfg., pine trim, water htrs., gas rads., cost $40,000; a 47-rm. hotel bldg. on Girard St. near Sentous St., frame and plaster constr., 3-story, tile and comp. rfg., tiled baths, gas rads., storage water htr., pine trim, hardw. and pine fls., tiled baths, metal skylights, it will have 75 per cent baths; a 60-room hotel bldg. at n.e. cor. of 18th and Georgia Sts., 3-sto., 38x109 ft., frame and plas. constr., comp rfg., pine trim, water htrs., gas rads., cost $55,000; and a 3-story class D hotel bldg. on 18th St. near Figueroa St. It will contain 60 rooms with 75 per cent baths and large lobby. Frame and plaster constr., comp. rfg., 3-story, gas rads, storage water htr., hardw. and pine fls. and trim, tiled baths, metal lath.

SANTA MONICA, L. A. Co., Cal. — Archts. Davies & Baume, 1011 Farmers & Merchants Bank Bldg., Long Beach, have prepared preliminary drawings for a $2,500,000 11-story class A apt. hotel bldg. to be erected at cor. San Vicente Blvd. and Ocean Ave., Santa Monica, for the Shoreham Apartment-Hotel Co., represented by Maj. H. Gooding, T. A. Johnson and J. D. Albert. Found., 467x210 ft.; 338 rooms; divided into 80 single apts. and 24 3-room suites. Reinf. conc. constr. The Field Finance Corp. of Los Angeles, is fiscal agent, associated with T. A. Johnson, pres. of the Greater Santa Monica Club, Edward Everett and J. A. Tiffany.

COLUSA, Colusa Co., Cal.—Owners of Hotel Riverside at Colusa will expend $25,000 in remodeling the structure. General repairs will be made on the interior and exterior of the building.



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

LOS BANOS, Merced Co., Cal. — $125,000 desired, $105,000 has been su scribed to finance construction of mo ern hotel building to be erected by pr vate interests & the Los Banos Char ber of Commerce. It is expected t balance of the money will be on ha within two weeks. Preliminary pla for the structure have been prepar by Architects Ernest J. Kump C Rowell Bldg., Fresno.

COMPTON, Cal.—See "Theatres," t this issue.

BOYES SPRINGS, Sonoma Co., Cal. Boyes Springs Hotel Co., has had pla prepared and construction will started on a 60-room temporary ho building to replace the structure stroyed by fire. The structure will of frame and stucco construction, rooms having baths. A special refri erating system will be provided.

LOS ANGELES, Cal.—Architect C. Whittlesey, 6533 Hollywood Blvd., h prepared preliminary plans for a story Class A hotel building to erected at the northeast corner of and San Pedro Sts, for the Sixth a San Pedro Holding Co. It will conta stores on ground floor with 630 roo in the upper stories. Construction w be of reinforced concrete.

POWER PLANTS

TACOMA, Wash. — J. L. Stanna chief engineer for proposed Lake Cu man Power Project, Tacoma's new $1 000,000, 140,000 horsepower, hyd electric development, has complet preliminary plans for the project a City Commissioner Ira L. Davisson h presented ordinance to city coun seeking its early construction. T project will be located on the Skok mish river. The total cost of the p ject, fully developed, is estimated $10,515,000 including $620,000 alrea expended in site and preliminari leaving $9,905,000 for future develo ment. H. P. to be generated is es mated at 140,000 instead of betwe 70,000 and 90,000, formerly estimat It is proposed to issue bonds to finar construction.

The first unit development is to clude a dam in the Skokomish rif canyon, approx. 245 ft. high, giv maximum elevation of water above level of 735 ft.; a tunnel through rock around the dam, which will se as a diversion tunnel for water of ri during dam construction and then conduct water to turbines to be cated in a power house situation ir natural cove of canyon, 500 ft. bel the dam. A transmission line to coma, a telephone line, 10 houses operators, clearing of all timber in reservoir basin which would not submerged at low water and other purtenances are all included. In or to take advantage of absence of wa from canyon bed while reservoir filling, the foundation and lower p of a second diversion dam to be c structed in lower part of canyon included in project, as it will save c of diversion tunnel. From this sec dam water is to be eventually c ducted by tunnel and conduit to H canal for 90,000 H. P. development.

CROWE
GLASS
CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

SAN FRANCISCO—Until Dec. 17, 3 p. m., bids will be rec. by Leonard S. Leavy, City Purchasing Agent, for furnishing and installing electric motors in Mission and Galielo high schools. Further information together with forms for bidding obtainable from above.

MENDOCINO COUNTY, Calif.—Central Mendocino County Power Co., Willits, authorized by State Railroad Commission to expend $70,000 in construction of electric transmission line from Willits to Potter Valley and to construct Dutch Flat Dam and transmission line from said dam to Willits.

CARMICHAEL, Sacramento Co., Cal.—Carmichael Public Utility District, organized at recent election, votes to distribute electricity to consumers within boundary lines of district. Carl Hoskinson has been named engineer to prepare the necessary plans. Bonds are yet to be voted to finance the work.

HANFORD, Kings Co., Cal.—Southern California Edison Co., of Los Angeles, in addition to other improvements, will construct sub-station in Fifth St. Latter will be of steel and concrete construction. Total cost $25,000.

PUBLIC BUILDINGS

SAN FRANCISCO — From a $50,000 appropriation, the State Board of Harbor Commissioners will renovate and lay tile flooring in waiting rooms in the Ferry Building. The work will probably be undertaken early in 1924. Frank G. White, chief engr. for Harbor Commission.

SACRAMENTO, Cal.—The following bids were received by the City Clerk of Sacramento for the construction of a two-story hollow tile fire house. It is to be erected on 43rd and J Sts. from plans prepared by Architects Dean & Dean, City Library Bldg., Sacramento. Bids were taken under advisement.

Geo. B. Hudnut, California Fruit Bldg., Sacramento	$18,655
Chas. S. Mabrey	18,870
Campbell Constr. Co.	19,140
H. W. Robertson	19,221
F. H. Betz	19,288
Holdener Constr. Co.	21,173

LOS ANGELES, Cal.—Burnett Mfg. Co., 721 E-First St., submitted low bid to county supervisors Dec. 3, for installing complete the electric elevators and dumbwaiters in the new Hall of Justice on Broadway at Temple St. The bid was (1) $150,982; (2) $166, 157. Other bids were: Baker Iron Works (1) $177,206; (2) $177,206; Otis Elevator Co. (1) $——; (2) $192,300.

DAVIS, Yolo Co., Cal.—W. R. Fait, Woodland, at $3900 submits low bid to county supervisors to erect addition to branch library at Davis from plans of Architect W. H. Weeks, 369 Pine St., San Francisco. Other bids, taken under advisement, were: H. W. Robertson, Sacramento, $3991; Jensen and McGuire, Sacramento, $4143.

WOODLAND, Yolo Co., Cal.—County supervisors contemplate installation of heating system in county detention home.

WOODLAND, Yolo Co., Cal. — Until Dec. 12, 5 p. m., bids will be rec. by J. H. Baugenour, city clerk, to alter and repair "dormitory room" in city hall building for fire department quarters. Cert. check 80% req. with each bid. Plans obtainable from clerk.

PULLMAN, Wash.—Architects Bebb and Gould, Securities Bldg., Seattle, commissioned to prepare plans for proposed $250,000 College of Forestry to be erected on University of Washington grounds. Funds for the structure will be provided by Mrs. Alfred H. Anderson, widow of one of Washington's pioneer lumbermen.

HANFORD, Kings Co., Cal.—Architects Coates and Traver, Rowell Bldg., Fresno, commissioned by Hanford City trustees to prepare plans and specifications for proposed municipal auditorium building to be erected on old Central Grammar school site. Cost $190,000.

RESIDENCES

Contractors Taking Sub-Figures.
RESIDENCE Cost, $30,000
SAN FRANCISCO. S Broadway 125 W Baker Street.
Two-story and basement frame residence.
Owner—Milton D. Eisner, 530 Funston Ave., San Francisco.
Architect — G. Albert Lansburgh, 140 Montgomery St., San Francisco.
Contractor — Taylor & Jackson, 290 Tehama St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $15,000
SAN FRANCISCO. Western Addition.
Two-story and basement frame and stucco residence.
Owner—Withheld.
Architect — P. Righetti, 12 Geary St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $16,000
SAN FRANCISCO. Western Addition.
Two-story frame and stucco residence.
Owner—Withheld.
Architect — P. Righetti, 12 Geary St., San Francisco.

Plans Being Prepared.
BUNGALOW Cost, $5000
MARTINEZ, Contra Costa Co., Cal.
One-story 5-room frame bungalow.
Owner—Geo. Cheney.
Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

Contract Awarded.
RESIDENCE Cost, $18,497
SAN FRANCISCO, St. Francis Wood, Lot 5 Blk 14 Extn No. 1.
Two-story and basement frame and stucco residence (tile roof).
Owner—West Gate Park Co.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Contractor — Henry Papenhausen, 532 3rd Ave., San Francisco.

To Be Done By Day's Work.
DWELLING Cost, $11,000
OAKLAND, W Spruce St. 180 N Cleveland.
One-story 16-room frame 4 family dwelling.
Owner—H. W. Haler, 559 16th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $21,500
SAN MATEO, San Mateo Co., Cal. Part Lot 67, San Mateo Park.
One-story and basement frame residence and garage.
Owner—Mrs. A. S. Hansen, San Francisco.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—S. A. Wisnom, A and 2nd Sts., San Mateo.

Figures to be Taken Next Week.
RESIDENCE Cost, $16,000
SAN FRANCISCO. S Pacific Ave., bet. Baker and Lyon Sts.
Two-story and basement frame and plaster residence with tile roof.
Owner—Hugh Porter.
Architect—Erle J. Osborne, Balboa Bldg., San Francisco.

To Be Done By Day's Work.
DWELLINGS Cost, $4250 each
OAKLAND, Morse Drive and Seminary Ave. and Fleming and 55th Aves.
51 1-story frame 5-room dwellings & garages.
Owner—R. C. Hillen, 5364 Trask St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $20,000
SAN FRANCISCO, near G. G. Park.
Two-story and basement frame and stucco residence with tile roof.
Owner—Withheld.
Architect—T. Patterson Ross, 310 California St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $12,000
SAN FRANCISECO. W Santa Clara 208 N Monterey Blvd.
Two-story and basement frame residence.
Owner—Mary L. Born.
Architect and Contractor—S. A. Born Bldg. Co., Monadnock Bldg., S. F.

GLENDALE, Los Angeles Co., Cal.—Siegfried Goetze, 1141 N. Vermont Ave. (597867), has completed plans and is receiving bids for erecting a $50,000, 2-story, 13-room, 3 baths, ballroom, hollow tile dwelling in Glendale for G. W. Merkle. Stucco exterior, art stone trim, caen stone fireplaces, columns and arches, composition and copper roof, tile baths and kitchen, hardwood and parquet floors throughout, 2 lavatories, basement, electric laundry, staff work, walnut, birch and pine trim, incinerator, phone system, tile terraces, art stone balustrades, colored tile open air bath court with dressing rooms and showers, central heating and hot water system, garage with servants' suites, shop and connecting tunnel, 300 ft. curb, gutter and driveway, reinforced concrete retaining wall, 30x90 ft., sprinkler system, exterior lighting, landscaping.

BEVERLY HILLS, L. A. Co., Cal.—J. V. McNeil Co., H. W. Hellman Bldg., L. A., has a contract to erect a $50,000 2-story, 13-room, 4 baths, hollow tile dwlg. on Alpine Dr., Beverly Hills, for Aleck E. Curlett. Found. and understructure of reinf. conc., 75x155 ft., stucco exter., tile and comp. rfg., storage and boiler rooms in basement, art stone trim, marble and staff work.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

SCHOOLS

Plans Completed.
SCHOOL. Cost, $——
REEDLEY, Fresno Co., Cal. Eleventh St. and East Avenue.
Grammar school.
Owner—Reedley Joint School District.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Bonds to the amount of $107,000 have been voted for the building and site.

List of Contractors Figuring Palo Alto School

Plans Being Figured—Bids Close Dec. 19, 1923.
HIGH SCHOOL Cost, $200,000
LOS GATOS, Santa Clara Co., Cal.
Two-story and basement reinforced concrete high school (approx. 20 rooms).
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 369 Pine St. San Francisco.
Bids are being taken as follows:
General contract.
Heating.
Plumbing.
Electrical work.
Blackboards.
Linoleum.
Shades.
Plans may be obtained from the architect.
The following firms have applied for plans:

General Contract

J. A. Brannagh, Oakland.
Robt. Trost, San Francisco.
Larsen-Siegrist Co., San Francisco.
Herndon & Finnigan, Sacramento.
Campbell Constr. Co., Sacramento.
Cobby & Owsley, San Francisco.
Hannah Bros., San Francisco.
M. E. Hopper & Son, Oakland.
C. L. Wold, San Francisco.
R. O. Summers, San Jose.
E. Nommensen, San Jose.
Morrison Bros., Santa Clara.
John D. Carlson, Palo Alto.
John Madsen, Palo Alto.

Plumbing

Carl Doell, Oakland.
Scott Co.
Wm. Serpa, San Jose.
H. G. Newman, Oakland.
Wm. Picard, Oakland.
Christensen & Anderson, Palo Alto.
J. E. O'Mara, San Francisco.
Fred Berryman, Palo Alto.

Heating

Carl T. Doell, Oakland.
F. F. Studer, San Jose.
W. K. Nottingham, Oakland.
Thos. Kennedy, Martinez.
J. E. O'Mara, San Francisco.
Scott Company.
Wm. Serpa, San Jose.
H. G. Newman, Oakland.
W. H. Picard, Oakland.
Christensen & Anderson, Palo Alto.

Electric

Butte Elec. & Equip Co., S. F.
F. E. Newbery, San Francisco.
M. E. Ryan, San Francisco.
Watts Elec. Co., San Francisco.
Stanford Elec. Co., Palo Alto.
H. E. Howard, Los Gatos.
Roy M. Butcher, San Jose.
See call for bids under official proposals.

Completing Plans.
SCHOOL. Cost, $20,000
MARTINEZ, Contra Costa Co., Cal. near.
One-story hollow tile school building.
Owner—Orinda Union High School District.
Architect—Jas. T. Narbett, 910 Macdorald Ave., Richmond.
Bonds to the amount of $22,000 have been voted.

Figures to be Taken in About Ten Days.
SCHOOL BLDG. Cost, $200,000
LIVINGSTON, Merced Co., Cal.
One-story reinforced concrete high school building with auditorium.
Owner—Merced Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

TACOMA, Wash.—O. F. Larson, Tacoma, at $371,628 awarded cont. by city school board to erect West Intermediate school. Will provide facilities for 1200 pupils.

Contracts Awarded.
COLLEGE BLDGS. Cost, $600,000
STOCKTON, San Joaquin Co., Cal.
Group of 7 2-story concrete, brick and wood college buildings with terra cotta trim and slate roofs.
Owner—College of the Pacific.
Managers of Construction—Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Architects—See the following note.
Science Building—Losekann & Crowdsley, Elks Bldg., Stockton, archt.
Dining and Social Halls — Wright & Satterlee, Bank of Italy Bldg., Stockton, architect.
Auditorium—Mayo, Cowell & Bissell 21 S-San Joaquin St., Stockton, architects.
Boys' Dormitory, Girls' Dormitory, Power House, Davis-Heller-Pearce Co., Architects.
Administration Building — Wright & Saterlee. This building will not be figured at this time.
Stadium—The work is being done by the college under the supervision of Davis-Heller-Pearce Co., and is three-quarters completed; seating capacity, 20,000.
Contracts were awarded as follows, omitting the boys' dormitory and other slight deductions, subject to the approval of the Building Committee:
General contract to R. W. Moller, Call Building, S. F., original bid $526,-125.
Power, heating, plumbing, ventilating, gas and sheet metal work to Miller-Hays Co., 125 N California St., Stockton, original bid, $102,500.
Electrical work to F. E. Newbery and Commercial Elec. Co., 381 Bush St. San Francisco, and 311 E-12th St., Stockton, original bid, $77,900.

Figures to be Taken in a Week.
ADDITION Cost, $13,000
RIO VISTA, Solano Co., Cal.
Three-room frame and concrete addition to school.
Owner—Rio Vista Joint School Dist.
Architect—Dean & Dean, City Library Bldg., Sacramento.
Bids will be taken for a general contract.

FRESNO, Fresno Co., Cal.—Until December 13, 5 p. m., bids will be rec. by L. L. Smith, secy. Board of Education, to erect three or more portable bungalows for Fresno City School District. Cert. check 10% payable to Pres. of Bd. of Educ. req. Further information obtainable from secy., 2525 Tuolumne St., Fresno.

LOS ANGELES, Cal.—J. Hokom Co. was awarded a contract at $45,447 for installing heating and ventilating system in the new hollywood auditorium bldg.; also a contract at $2057 for installing fire sprinkler system.
The same company was also awarded a contract at $30,700 for installing a heating and ventilating system in the new polytechnic high school auditorium bldg.

SACRAMENTO, Cal.—Until Dec. 1 5 p. m., bidsc will be rec. by Chas. Hughes, secy. Board of Education, 3 City Hall, to funish and install wi dow and transom shades in certa school buildings or additions there Cert. check 10% payable to Board Educ. req. Spec. and further inform tion obtainable from secy.

SAN FRANCISCO—Stewart Sales C Rialto Bldg., Stockton, at $9708.66 su mits low bid to Board of Public Worl to furnish and install chairs in aud torium of Galileo high school. Oth bids were: C. F. Weber & Co., $9710.1 F. W. Wentworth Co., $9776.52; Ruck Fuller Co., $10,289.88.

BERKELEY, Alameda Co., Cal. Board of Education votes to erect ne Hillside school at Le Roye, La Lor and Buena Vista Aves. The structu will replace the Hillside school r cently destroyed by fire. A structu costing approximately $125,000 is co templated. An election will be he early in 1924 to vote bonds to finan construction.

BERKELEY, Alameda Co., Cal.—R gents of the University of Californ authorize purchase of block bound by Hearst Ave., Virginia, Walnut a Oxford Sts., on which it is proposed erect College of Agriculture. Purcha price is in neighborhood of $200,000.

SAN FRANCISCO—Board of Educ tion petitioned by North Beach Prom tion Ass'n., to authorize reconstructi of second unit of Galileo High Scho Plans for first unit were prepared City Architect John Reid, Jr., Fl National Bank Bldg.

LOS ANGELES, Cal.—Archt. Fred ick J. Soper, 1105 Kerckhoff Bldg., h been authorized to prepare plans a junior high school bldg. to be erect at James A. Foshay Junior High Sch site, cor. Exposition Blvd. and Ha yard Blvd., for the Board of Educati There will be a sloyd bldg., domes science bldg. and a classrm. and au torium bldg. The auditorium and b cony will seat 1250 people and th will be about 19 classrms. Brick wa comp. rfg., 1-story and 3-story, ba ment, cement and maple fls., conc. c ridor and stair constr., steel sash, w glass; $350,000.

TACOMA, Wash.—R. E. Brohek, coma architect, preparing plans South Central Intermediate school be erected at South 50th St. and cific Ave. Will accommodate 900 pup

MERCED, Merced Co., Cal. — Un Dec. 17, 7:30 p. m., bids will be rec. J. W. Spagnoli, clerk, Merced Un Grammar School District, to install rigation systems at John Muir Galan Clark grammar schools. C check 10% payable to clerk of distr Further information obtainable fr clerk.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

STOCKTON, San Joaquin Co., Cal.—The following bids were opened by Architects Davis-Heller-Pearce Co., Delta Bldg., Stockton, on December 1st, at 8 P. M., for the construction of a group of seven two-story brick, concrete and wood buildings with terra cotta trim and slate roofs, to be erected in Stockton for the College of the Pacific. Bids were taken under advisement until December 5th, when the General Committee of the College will meet in San Francisco.

General Construction for all Buildings

R. W. Moller, Call Bldg., S. F..$526,125
(a) $31,196; (b) $——; (c) $24,500; (d) $11,458; (e) $9,996; (f) $59,422; (g) $137,511; (h) $——.

Howard S. Williams, S. F.....$529,232
(a) $32,500; (b) $——; (c) $——; (d) $9,048; (e) $9,300; (f) $62,470; (g) $137,580; (h) $800.

E. H. Riley, Stockton.....$555,000
(a) $32,000; (b) $——; (c) $28,000; (d) $20,000; (e) $10,000; (f) $62,063; (g) $147,000; (h) $2,300.

Herndon & Finnigan, Sacto....$558,000
(a) $——; (b) $935; (c) $1000; (d) $21,750; (e) $10,819; (f) $63,268; (g) $145,035; (h) $——.

J. F. Shepherd, Stockton.....$564,681
(a) $26,700; (b) $——; (c) $25,000; (d) $19,904; (e) $13,170; (f) $65,140; (g) $144,376; (h) $2,600.

Reilly & Nemetz, S. F.....$597,440
(a) $36,000; (b) $——; (c) $——; (d) $19,000; (e) $8,913; (f) $69,515; (g) $148,304; (h) $1,600.

Chas. S. Mabrey, Sacto.....$624,543
(a) $34,702; (b) $250; (c) $26,555; (d) $23,742; (e) $10,734; (f) $71,580; (g) $162,305; (h) $3,494.

General Construction All Buildings, Except Auditorium and Boys' Dormitory

H. E. Vickroy, Stockton.....$344,215
(a) $20,427; (b) $——; (c) $16,080; (d) $13,000; (h) $2,600.

J. E. Johansen, Stockton (Boys' dormitory only), $64,954; (a) $1,560 (c) $4882; (d) $2,343; (h) $300.

Power, Heating and Ventilating—All Buildings

Latourrette-Fical Co., 907 Front St., Sacramento.....$78,000
(a) $450; (b) $950; (c) $2700; (d) $14,800.

Hateley & Hateley, Sacto.....$90,279
(a) $400; (b) $990; (c) $6,200; (d) $18,666.

W. H. Picard, Oakland.....$91,513
(a) $400; (b) $950; (c) $5,000; (d) $18,000.

Turner Co., San Francisco.....$94,400

Luppen & Hawley, Sacto.....$102,000
(a) $500; (b) $1,050; (c) $5,900; (d) $18,000.

Plumbing—All Buildings

Miller-Hayes Co., 125 N-California St., Stockton.....$102,500
(c) $3,700; (d) $12,000.

Gas, Plumbing, Sewer and Sheet Metal Work—All Buildings

Latourrette-Fical Co., Sacto.....$32,500
(a) $6,000; (b) $——.

NOTE—If awarded plumbing and heating contract deduct 3 per cent from combined bids.

Stockton Plumbing Supply Co..$33,382
(a) $6,754; (b) $3,168.

Jas. H. Pinkerton, S. F.....$34,143
(a) $7,466; (b) $3,320.

Hateley & Hateley, Sacto.....$38,405
(a) $8,366; (b) $3,526.

Electrical Work—All Buildings

F. E. Newbery and Commercial Electric Co., 381 Bush St., S. F., & 311 E-12th St., Stockton.$77,900
(a) $2,325; (b) $9,302; (c) $6,786; (d) $9,760; (e) $3,927, (f) $1,511, (g) $5,473.

Watts Elec. Co., S. F.....$79,500
(a) $2,300; (b) $9,400; (c) $6,900; (d) $10,000; (e) $3,900; (f) $1,500; (g) $5,500.

Turner Co., San Francisco.....$79,990
(a) $2,700; (b) $9,000; (c) $6,800; (d) $9,700; (e) $4,000; (f) $1,600; (g) $4,500.

Latourrette-Fical Co., Sacto.....$80,000
(a) $2,066; (b) $8,060; (c) $6,690, (d) $9,450; (e) $3,827; (f) $1,800; (g) $4,080.

Butte Elec. & Eq. Co., S. F.....$83,925
(a) $2,400; (b) $8,875; (c) $6,000; (d) $9,400; (e) $3,820; (f) $1,600; (g) $6,000.

Radelfinger Bros., S. F.....$85,043
(a) $2,395; (b) $8,485; (c) $5,275; (d) $11,500; (e) $4,137; (f) $1,750; (g) $5,200.

Spencer Elec. Co., S. F.....$87,250
(a) $2,500; (b) $10,000; (c) $6,925; (d) $9,220; (e) $3,900; (f) $1,575; (g) $6,900.

Hild Elec. Co., Stockton.....$88,250
(a) $2,395; (b) $9,500; (c) $6,395; (d) $11,775; (e) $4,325; (f) $1,625; (g) $4,875.

Mixer Electric Co., Lodi.....$90,750
(a) $2,610; (b) $9,500; (c) $6,500; (d) $11,000; (e) $4,000; (f) $1,200; (g) $3,725.

SAN FRANCISCO—Webster Mfg. Co. 180 New Montgomery St., awarded contract by Board of Supervisors to fur. and install 1236 Birch tablet arm chairs in Galileo high school at $7.45 each.

C. F. Weber & Co., 2nd and Mission Sts., awarded cont. to furnish and install 760 Vienna chairs at $3.65 each and 150 laboratory stools at $2.25 each.

F. W. Wentworth & Co., 39 2nd St., awarded contract to furnish and install 20 Oak Arm chairs at $13.15 each.

ALAMEDA, Alameda Co., Cal.—Board of Education plans to install cafeteria equipment in Alameda High School. C. J. Du Four is city supt. of schools.

TRANQUILLITY, Fresno Co., Cal.—B. W. Newman, Fresno, at $1372 awarded contract by Tranquillity Union High School District to install low pressure steam heating system in school. R. Gardner, Kerman, Calif., only other bidder $1400.

ALHAMBRA, L. A. Co., Cal.—Archts. Hunt & Burns, 701 Laughlin Bldg., L. A., will prepare plans for an 8-room addition to the administration bldg. at Alhambra high school. Bonds are to be voted shortly.

PASADENA, L. A. Co., Cal. — The board of education of Pasadena has commissioned Archts. Austin & Ashley, 1125 Detwiler Bldg., to prepare plans and spec. for a new bldg. and new heating plant for the Pasadena high school. The bldg. will be reinf. conc. constr. The present boiler house will be remodeled for locker rooms etc; $75,000

EAGLE ROCK, L. A. Co., Cal.—Archt Myron Hunt, 1107 Hibernian Bldg., will prepare plans for a new women's dormitory to be erected at Occidental College site, Eagle Rock. A donation of $150,000 for the erection of the bldg. has been made by William M. Orr. Architect Hunt is also preparing plans for a large administration building for which funds will be raised shortly.

ALHAMBRA, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg. have been commissioned to prepare plans for additions to existing grade schools and new grammar school bldgs. to be erected at Alhambra under a $350,000 bond issue which is to be voted shortly. Also plans for a home economics bldg. to be erected at the high school site at a cost of $52,000.

BANKS, STORES & OFFICES

Contract Awarded.
ALTERATIONS Cost, $20,000
SAN FRANCISCO—65 Geary St. Alterations for ticket office.
Owner—Bankers Investment Building.
Lessee—Southern Pacific.
Architect—Eng. Dept. of Southern Pacific.
Contractor—A. Wegner, 180 Jessie St., San Francisco.

Sub-Figures Being Taken.
STORE, ETC. Cost, $50,000
SAN MATEO, San Mateo Co., Cal. Third Ave and B St.
Two-story reinforced concrete store and office building (6 stores and 21 offices).
Owner—Geo. Balovich.
Architect and Contractor—Mitchell & Jackson, Inc., 170 2nd St., San Mateo.

Contract Awarded.
STORE BLDG. Cost, $14,275.50
SAN MATEO, San Mateo Co., Cal. NE B ST. and First Ave.
One-story reinforced concrete building.
Owner — Jas. C. and Ora B. Conway, Atherton.
Architect—Mitchell-Jackson, Inc., 170 2nd St., San Mateo.

Architect To Be Selected Shortly.
OFFICE & STORE Cost, $—
OAKLAND, NE Hobart & Webster Sts.
Fireproof office and store bldg. (height and type of construction not decided).
Owner — Builders Exchange Holding Cptn., 351 12th St., Oakland. E. M. Tilden, chairman; other members of the corporation are L. D. Frazee, T. D. Sexton, Geo. Jannison and W. G. Thormally.
Architect to be selected shortly.
The corporation papers have been forwarded to Sacramento and as soon as they have been approved the architect will be selected. E. M. Tilden is President of the Builders Exchange & E. W. Shaw, secretary.

Contract Awarded.
STORES & LOFTS Cost, $18,735
OAKLAND, E Franklin 50 N 11th St.
Two-story class C stores and lofts.
Owner — Healey Bros. Co., 19th and Broadway, Oakland.
Contractor—M. F. Sommarstrom, 778 E-17th St., Oakland.

Plans Being Figured.
ADDITION Cost, $10,000
SAN FRANCISCO, S Market St. W Noe.
Add 1-story to present 1-story frame & stucco theatre for stores & offices.
Owner—Withheld.
Architect—Albert Burgren, 110 Sutter St., San Francisco.

Contract Awarded.
OFFICE BLDG. Cost, $30,000
OAKLAND, NE Moss Ave. and Howe Street.
Two-story physicians office bldg.
Owner—Drs. Rowe & Swett.
Architect & Contractor—Wm. Knowles, Central Bank Bldg., Oakland.

Owner Taking Bids for Concrete Work.
STORE BLDG. Cost, $80,000
PACIFIC GROVE, Monterey Co., Cal.
Two-story reinforced concrete department store bldg.
Owner—Holmans Dept. Store Co., Pacific Grove.
Architect—A. B. Coates, Monterey.
Work will be done by days labor and sub contracts under the supervision of W. R. Holman.
Excavation has been started. Sub figures will be taken in about two weeks for heating, plumbing, electrical work, etc.

Permit Applied For.
OFICE BLDG. Cost, $175,000
FRESNO, Fresno Co., Cal. Fresno and L Sts.
Four-story reinforced concrete office building.
Owner—Holland & Holland.
Architect & Mgr. of Constr.—R. F. Feichlin, Bank of Italy Bldg., Fresno.

To Be Done By Day's Work and Sub-Contracts.
STORES Cost, $—
OROVILLE, Butte Co., Cal., High and Huntoon Sts.
One-story brick and reinforced concrete 104 by 75 ft. stores.
Owner—A. Vaughan & Sons, Oroville.
Architect — Chester Cole, Waterland-Breslauer Bldg., Chico, Calif.
Construction will be carried on under supervision of J. Lindsley Frey, Oroville. Brick work awarded to J. M Strohman, Oroville.

Completing Plans.
BANK BLDG. Cost, $100,000
STOCKTON, San Joaquin Co., Cal. Main Street.
One-story class A bank bldg. designed for 10 stories (brick & terra cotta exterior).
Owner—Union Safe Deposit Bank.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Figures will be taken in about a month.

Segregated Figures To Be Taken In A Month.
BANK Cost, $150,000
PETALUMA, Sonoma Co., Cal.
One-story and basement reinforced concrete bank.
Owner—Sonoma County National Bank. Petaluma.
Mgr. of Constr. — H. H. Winner Co., Sharon Bldg., San Francisco.

Plans Being Figured.
ALTERATIONS Cost, $3,000
SAN FRANCISCO. Hyde St, bet. Jackson and Pacific Sts.
Alter store in two-story frame bldg.
Owner—A. Elvin et al.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
New plumbing, etc.

Figures To Be Taken In A Month.
ALTERATION Cost, $100,000
VENTURA, Ventura Co., Cal.
Alter 3-story brick terra cotta and frame store and bank bldg. 50x100.
Owner—First National Bank.
Architect—H. H. Winner Co., Sharon Bldg., San Francisco.
The entire first floor will be used by the bank, and the second and third floors for offices.
Work includes rebuilding of interior, plumbing, brick and terra cotta work, marble etc.

Figures To Be Taken In Two Weeks For Bronze, Marble Work, Etc.
BANK Cost, $—
SAUSALITO, Marin Co., Cal.
One-story and mezanine floor reinforced concrete bank 55x83.
Owner—Bank of Sausalito.
Architect—H. H. Winner Co., Sharon Bldg., San Francisco.

Contract Awarded.
STORES Cost, $15,000
BERKELEY, Alameda Co., Cal. No. 2212-14-16 Telegraph Ave.
One-story Class C stores.
Owner—Wm. G. Gilmour.
Architect—None.
Contractor—Geo. Wagner, South Park and Third St., San Francisco.

Plans To Be Prepared.
AUTO BLDG. Cost, $600,000 or more
SAN FRANCISCO, ½ block bdd. by Market Mission, 11th and 12th Sts.
Fireproof auto sales and service bldg.
Owner—White Motor Co. of Cleveland.
Architect not decided.

COMPTON, Cal.—See "Theatres," this this issue.

SEATTLE, Wash. — Wallace Equipment Co., 11th Ave. SW and W Hanford St., Seattle, awarded cont. by PugetSound Brige and Dredging Co. general contractors, for the structure steel for the 2nd ave. unit of the Dexter Horton Building. Contract calls for all girders, columns and grillages amounting to about 300 tons. The average weight of girders is 57 tons and the dimensions roughly 60 ft. by 6ft 6½-in. back to back of angles with a width of 3 ft. John Graham, Seattle, is architect.

LOS ANGELES, Cal. — Horatio W. Bishop, Fairfax Ave. and Wilshire Blvd has prepared plans for a brick store and loft bldg. to be erected on 7th St. bet. Coronado and Rampart Sts. for J. Harvey McCarthy. Two-story, 43x139 ft., brick walls, stucco and cast stone exter., steel beams, plate glass, comp. rfg., pine trim, cem. and wood fls.; $40,-000.

PORTLAND, Ore. — Architect A. E. Doyle, Worcester Bldg., Portland, preparing prel. plans for new (branch) bank building for Bank of California of San Francisco. Will be erected at 6th and Stark streets. Type of construction and size of the structure is yet to be determined.

LONG BEACH, L. A. Co., Cal.—Announcement has been made of the signing of a 99-year lease by I. Eisner, pres. Sun Drug Co., Irving Hellman and E. J. Wightman on the s.w. cor. 4th St. and Pine Ave., Long Beach. The lessees have given a bond to assure the erection of a $350,000 bldg. and are negotiating for the lease on the Laughlin theatre adjoining in order to increase the building to a 12-story height.

LONG BEACH, L. A. Co., Cal.—J. D. Sherer, 1865 W Anaheim Ave., Long Beach, has a contract to erect a $500,-000 6-story steel reinf. conc. store and office bldg. at First and Locust Sts., Long Beach, for R. D. Marshall and A. H. Kent. Original plans were for a 3-story height. Excavation has been completed. Found. 150x75 ft.

BERKELEY, Alameda Co., Cal. — Berkeley Realty Board contemlates erection of "realtors building" to house members of the board. The matter was discussed at a recent meeting of the hody but no definite action taken.

THEATRES

Plans Being Figured.
THEATRE, ETC. Cost, $45,000
SAN FRANCISCO. S Third St. 41-3 N Quesada St.
Class A theatre and store building (cement exterior and tile roof.)
Owner—Otto Roeder.
Architect—Chas. F. Strothoff and Gustave Stahlberg, 2274 15th St., S. F.
Bids are being taken for a general contract and will be opened on Dec. 12th.

Plans To Be Prepared.
THEATRE Cost, $1,000,000
PALO ALTO, Santa Clara Co., Cal., Ramona St. opposite the City Hall.
Class A vaudeville and motion picture theatre 1200 to 1500 seats.
Owner—Palo Alto Theatre Co. (F. A. Le Seur).
Architect—Weeks & Day 315 Montgomery, San Francisco.

COMPTON, Los Angeles Co., Cal.—Architects Richard D. King, 519 Van Nuys Bldg., and Frank M. Goodwin, associate, 207 W. Main St., Compton, have completed plans for a two-story theatre, store and hotel building to be erected at the corner of Tamarind and Magnolia Sts., Compton, for Ramsey & Bemis, Compton, the theatre leased to A. J. Davenport, owner of the California theatre of Compton. There will be an auditorium to seat 850 people and will be designed for a future balcony, stage for motion pictures and vaudeville, lobby, foyer, 5 stores and 3 small shops and 30 hotel rooms and 75 per cent baths. Dimensions, 97x135 feet, pressed brick and terra cotta facing, structural steel, tiled baths, steam heating system, composition roofing, marquis, O. P. and tile floors, pine trim. Owner will build by day labor.

WHARVES AND DOCKS

LOS ANGELES, Cal. — Application filed by National Oil Export Corporation for permit to const. oil loading wharf 40x500 ft. with an approach of 10 ft. wide and extending into the Pacific ocean a distance of 4000 ft. from high water line at or near the easterly boundary of Sunset Beach, Orange Co., Calif.; the wharf to be protected on three sides by double piling or dolphins. A map showing location of the proposed work on exhibition in the office of the U. S. Engr., 725 Central Bldg Los Angeles. E. D. Ardery, Major, Corps of engrs., Dist. Engr.

LOS ANGELES, Cal.—Lynch Constr. Co., 1117 Central Bldg., submitted low bid to harbor comm. Nov. 30 at $64,300 for constructing a steel transit shed 600x97 ft., n of the Lukenbach sheds on pier 1, Outer Harbor. Other bids were: Austin Co. of Calif., $66,400; Union Iron Wks., $69,869; Philip Friedman & Sons, $72,750; Brombacher Iron Wks., $74,300; Anton Johnson, $77,355.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Figured.
TEL. EXCHANGE. Cost, $300,000
SAN FRANCISCO. Bush and Larkin Streets.
Three-story and basement Class A telephone exchange building.
Owner—Pacific Tel. & Tel. Co.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Figures are being taken for a general contract.

Completing Plans.
UNDERTAKING PARLORS $20,000
SAN RAFAEL, Marin Co., Cal., E St.
Two-story class B undertaking parlor building.
Owner—F. E. Sawyer Co., 1004 4th St., San Rafael.
Architect & Mgr. of Constr. — Capt. H. Hearfield, Fairfax.

Figures to be Taken Next Week.
NURSES' HOME Cost, $25,000
MARTINEZ, Contra Costa Co., Cal. Adj. County Hspital.
Two-story hollow tile nurses' home building.
Owner—Contra Costa County.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

LOS ANGELES, Cal.—J. A. Mathis, 753 S. San Pedro St., has been awarded the contract for all work complete for erecting a four-story and basement Class A addition to the telephone exchange building on Rampart St., south of Seventh St., for So. Cal. Telephone Co. Cost, $197,000. Plans by E. V. Cobby, engineer, San Francisco. Steel frame, brick walls, pressed brick and terra cotta front, plate glass, reinforced concrete floors and roof slab, metal skylight, steel sash, fireproof doors, composition floors, steam heating.

SAN FRANCISCO—Until Dec. 19, 3 p. m., bids will be rec. by Board of Public Works for painting Stockton street tunnel, est. cost $2000. Specifications obtainable from City Engineer's office, 3rd floor, City Hall.

EUGENE, Ore.—Central Stage Terminal and Hotel Co., will lease 3-story reinforced concrete structure to be erected by Mayor E. B. Parks, et al., for a hotel and auto stage terminal; est. cost $75,000. Will be erected in Willamette St., bet. 5th and 6th Sts.

PORTLAND, Ore.—Architect Edw. A. Miller, Henry Bldg., will take bids shortly to erect 1st unit of auto freight terminal to be erected in Water St., bet. Yamhill and Taylor, for Willamette and Columbia River Towing Co. Plans contemplate three additional units, the total cost being $200,000. First unit will be 56 by 200 ft., conc. walls, mill construction interior, stucco exterior, 2 stories in height; est. cost $50,000.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and Foreign Trade Bureau, Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-961—Victoria, B. C. Firm is offering to supply gas companies, as well as light and power companies with a gas purifier, which is being used by gas companies in Seattle, Tacoma, Vancouver and Victoria, and has given entire satisfaction. Can ship in quantities of 50 to 150 tons.

D-965—Long Beach, Calif. Party desirous to get in touch with San Francisco firms making furniture frames for upholstered furniture.

D-970—New York, N. Y. Party desirous to get in touch with several live wire men who purchase white pine and sugar pine on commission; that is, placing orders for Eastern buyers charging a commission for so doing.

7687—Paris, France. Organization established to facilitate trade between France and America, desires to assist American buyers in purchasing all lines of French goods at lowest prices, particularly chemicals, basic slag, leather, dried flowers, talc powder, whiting for paint, silks, ribbons, gloves novelties, trimmings, perfumery, etc.

7679—Laredo, Texas. Party desires to get in touch with San Francisco merchants interested in buying Mexican pottery.

7690—Mexico City, Mexico. Gentleman seeks a market in San Francisco for Mexican fusel oil suitable for use in the manufacture of artificial fruit essences, alkaloids, paints, etc.

7692 — Tuticorin, India. Established market and financial reported offers services to San Francisco business houses desiring strictly confidential reports concerning firms or individual merchants in India; also market reports on raw products.

7695—Wakayama, Japan. Gentleman having an interest in a general merchandise store, wishes to get in touch with San Francisco wholesale houses dealing in dried fruits and other produce, general groceries, hardware; also nurseries.

7697—Singapore, Straits Settlements. Established firm seeks connection to act as buyer in the tin and rubber markets for large California buyers of these articles.

7699—Bremen, Germany. Manufacturers of fancy nickel, silver and brass goods, silver plated table sets, etc., seek a market in San Francisco. Also desire a representative in this district.

7700—Buenos Aires, Argentina. Firm of selling agents desire to secure the representation of San Francisco manufacturers or exporters of bolts and nuts, all kinds of household and kitchen utensils, and hardware of all descriptions.

7703—Great Britain. British manufacturers are desirous of appointing a San Francisco agent for the sale of their tinplate.

7706 — San Francisco, Calif. Federal Board trainee with wide knowledge of the Far East, three years' university training, desirous practical experience with export and import house in San Francisco. No compensation desired for period of training.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Leads for Business

APARTMENTS — Architects O'Brien Bros. planning 12-apartment building for Harry C. Warwick, S.E. Broadway and Larkin, $42,000.
Architects Baumann & Jose taking figures 18 apartment building, $50,000, E. Guerrero bet. 18th and 19th.
BAKERIES—Jos. A. Phillipp opening Army and Bryant.
E. Sandberg, 89 Carl.
BANKS—Humboldt Bank branch will be ready soon 200 Montgomery.
BROKERS—T J Casey (Liberty bonds) 648 Market to 1 4th.
CIGARS—Pacific Tobacco Co. (Louis Whiteman) 1098 to 1114 Valencie.
Ellis Smoke Shop (Jos. Higgins) 1520 Ellis.
DRAYAGE—American Transfer and Storage Co. to 609 Larkin.
DRUGS—Reliable Drug Company to reopen Welch Drug Co., 184 Eddy.
INTERPRETERS — Jose H. Alfonso (Spanish) 21 Columbus to 948 Market.
MARKETS—Rocks Cash Market, 1400 Pacific.
MOTION PICTURES — Art Craft Production Co., Art Craft School of Screen Technique & El Dorado Production Co., 25 Taylor St.
PHYSICIANS — Dr. B. F. Alden, 126 Post to 1195 Bush.
PUBLISHERS—Sunny California Publishing Co., Russ Building to 527 Montgomery.
PUMPS AND TANKS—S. F. Bowser & Co. Inc. (612 Howard) to occupy building to be erected s.w. Rich and Brannan.
REAL ESTATE—Cowing & Co. (Chronicle Bldg.) opening branch 1495 Ninth Avenue.
TAILORS—Jacob Roth, 222 Kearny to 833 Market.
WOOD BOXES—Chas. Nolan, 14 Bush to 24 Oak Grove Ave.
MISCELLANEOUS—H. T. Nearl, Sharon Building to 58 Sutter.
F. N. Abercrombie, Phelan Bldg.
ATTORNEYS—McGee Gidgely & Corgiat, 220 Montgomery.
S. B. Russell, Mills Bldg.
AUTOMOTIVE — Geo. Merwin (1946 Polk) to buy Cosmo Garage, 34 Cosmos.
BEAUTY PARLORS — Powder Puff Beauty Parlor, 14 Haight.
BROKERS—Boyle & Kenna (insurance) 234 Bush.
CANDY — John Gianalva to buy 618 Broadway, December 6.
CIGARS—Wm. B. Sheehan, 2501 24th.
DRAYING—San Francisco Transfer Co. 229 to 191 Eddy.
GROCERS—H. Kranz buying 1175 Turk
HARDWARE—West Portal Hardware Co., 840 Ulloa.
INCORPORATIONS—Realty Market of California ($200,000) Jas. P. Sweeney (14 Montgomery), attorney.
New Metal Products Co. ($750,000) See W. E. Kettering, 231 Bay.
MFRS. Agents — United Sales Corpn, 220 Montgomery.
MEN'S FURNISHINGS — Jacob Kaufman to 88 4th.
MOTION PICTURE PORTABLE EQUIPMENT — Creco Corp., 363-369 Valencia.
PAVING—Barber Asphalt Co., Howard Building to 760 Market.
PUBLISHERS—Screen Service to Golden Gate Bldg.
RESTAURANT—M. Saltz to buy dairy lunch, 3306 Mission, December 7.
Jas. Psaltes and S. Travles to open 80 Turk.
REAL ESTATE—Walter Hemphill, 260 California.
SARDINES—H Hovden Co (P. J. Kelly) 405 Sansome to 620 Market.
TAILORS—S. A. Goldstein, 760 Market.
MISCELLANEOUS — Morilele Shoppe, 101 to 251 Post.
D. E. Steward, 68 Post.
LEASES—Oct. 3, 1923—Marion Leventritt and Frances Leventritt to United Stores Realty Corporation—22nd and Mission Sts., 20 years, $1100 per month, etc.
Nov. 27, 1923—Ellen and John Blakeway to Louis and Marie Manzini—NE Fourth and Harrison Sts., 7 years, $37,800.
Nov. 24, 1923—Marguerite G. Sault to A. C. Wanek—3901 Balboa St., 4 years 5 months, $2125.
Nov. 20, 1923—S. G. Winch to William Flathmann and George Von Staden—N Eddy bet. Jones and Leavenworth No. 364 Eddy St., 10 years, $120,000.
June 15, 1922—Jacob V. Petersen to Mrs. Katherine Curry—NW Lansing 200 SW First SW 25x90, 3 years, $13.50 per month.
Feb. 17, 1923—Felix McHugh to United States of America—5727 Geary Ct. S Geary bet. 21st and 22nd Aves., 5 years.
A. C. Blumenthal & Co. have consummated a ten-year lease for the account of Mary A. Heffernan to Morris Gallas, local theatre operator, on the Majestic Theatre, Mission street, between Twentieth and Twenty-first Sts., for approximately $150,000.
ACCOUNTANTS—Loomis Dow & Co., 503 Market to 315 Montgomery.
BAKERIES—Mrs. E. Munro, 4334 Geary
DRY GOODS—H. G. Nakahiro (521- 3d) 1530 Geary.
FRUIT—Steinhardt & Kelly, Wells Fargo Bldg.
INSURAUCE — Enight & Wilson (brokers) Clunie Bldg.
LAUNDRY—Mme. Marie Dupony, 2114 to 1916 Hayes.
Frank Cassou, 46 Shannon.
MARKETS—G. Getto (meat) 648 Andover.
REAL ESTATE—W. G. McDiarmid & Co., 3210 22nd to 515 Valencia.
SHOES — Paramount Boot Shop, 5828 Geary.
STATIONERS—K. Doyle, 1920 Hayes.
TEXTILE—Lorraine Mfg. Co. (woolen goods) and Lortex Co. (cotton goods) of Pawtucket, R. I., 22 Battery.
MISCELLANEOUS — American Child Health Assn., Sharon Bldg.
T. E. Connor, French Bank Bldg.
LEASES—Nov. 26, '23—Archibald Kern to William P. Hammond—W Polk St. bet. Hayes and Fell Sts., Stuart Arms Apts., 55 Polk St., 10 years, $102,000.
Nov. 26, '23—Chris. Petrusich and Rade Petrusich to William P. Huth—3047 Mission St., 5 years, $2940.
Oct. 31, '23—A. H. Melletz and Thos. F. Brannan to Alphonse Jockers and Zelia Jockers—566 Polk St., 5 years, $375 per manth.
Nov. 1, '23—J. J. and Catherine Parente to Agnes Murray—727 Leavenworth St., 7 years, $54,600.
ASSIGNMENT OF LEASE—Nov. 20, '23—Mrs. Agnes Murray to Adam Ruppel—727 Leavenworth St.
ATTORNEYS—Willson H. Knight, 582 to 544 Market.
F. G. Warren, 625 to 582 Market.
W. D. Cole and C. D. Dethlefsen, 785 Market to 220 Montgomery.
AUTOMOTIVE — Lenahan & Bryan (bodies) 1739 Sacramento to 601 Turk
Motor Wheel Corp., 1545 Pine.
L. F. Fralinger (painting) 601 Turk.
BUILDING MATERIALS—Hop's Metal Casement Co. (P. W. Hargrave) 693 Sutter.
CHINESE MERCHANDISE — On Wo Chong Co., 50 Spofford.
CHIROPRACTORS—F. E. Fiske, 1141 Market.
DENTIST—J. P. Ernest, 1696 Haight.
DISTILLED WATER—Keystone Water Co. will move from 318 Leavenworth to building being erected Russ between Howard and Folsom.
FINANCE—Acceptance Corp., 433 California.
FLORISTS—Avenue Florists, 554 to 579 Columbus Ave.
GROCERS—C. Perazzo, 450 6th.
HOME FURNISHINGS—W. B. Geiser & Co., 78 1st to Howard near New Montgomery soon.
IMPORTERS—Lap-Lap Importing Co., 828 Stockton to 433 Grant Ave.
Ann Hammerberg, 465 California to 614 Grant Ave.
INSURANCE—H. R. Hunter and Geo. A. Martin, 155 Montgomery to 902 Merchants' Exchange Bldg.
LUMBER—N. J. Anderson Lumber Co. (C. F. Folsom) Marvin Bldg.
MARKETS—Civic Market, 1704 Fillmore
E. C. Eggert (meats) 329 Balboa.
RADIO—Wilson McGuire Co. (mfrs.) 1004 Treat Ave. to 213 Minna.
REAL ESTATE — Laumeister & Co., 4737 to 4624 Geary.
RESTAURANTS—Frank's Lunch Room, 523 3rd.
Eva Weber, 523 3rd.
Greenlight Cafe, 355 Broadway.
Pete's Grill, 893 Mission soon.
SHOES—S. F. Shoe Repairing Co, sold to G. W. Compton, 617 Irving.
TAILORS—Albert Tailoring Co., 1665 Market.
MISCELLANEOUS — Chas. F. Hause Mfg. Co., 937 Howard.
W. R. M. Nichols Co., Inc., and Garrett & Co., Virginia Dare Extract Co., Inc., 112 Market to 30 Main.
F. W. Dent, 406 Divisadero.
REMOVAL—Reinhardt Lumber & Planing Mill Co. have moved to Jerrold and Varneveld Aves.
LEASES — Nov. 22, 1923—Charles S Freedman to George W Leek Jr—NW Market 252-1⅝ NE Golden Gate Ave NW 58-3⅜ N parl with E Taylor 80-4¼ to S Turk E alg Turk 52-2⅜ SE 39-2⅛ to a pt on NW Market dist 50-6⅝ to beg 4 yrs 10½ mos $6712.50
Nov. 3, 23 — Milton S Hufschmidt, Dorothy Davis, Henrietta Stark and Charles F Wagner to Leader Dairy Lunch Incorporated—SW Jessie and 4th & which pt is dist 160 NW from cor Mission & 4th SW alg Jessie 75 x SE 30 5 yrs $34,800 and option to renew.
Nov. 16, 23—Victor and Agostina Sattui to Tetsujiro Yoshida and Matsu Yoshida—E Stockton bet Jackson and Pacific Sts. No 1122 Stockton St 5 yrs $2400.
ACCOUNTANTS — Harry J. Douglas (with Rod MacLeod) 406 Montgmery.
ADVERTISING — G. V. Fleming, 681 Market.
ARTISTS—Patterson & Sullivan (commercial) 544 Market.
ATTORNEYS—B. L. Hodgehead and F. D. Stringham, 58 Sutter to 14 Montgomery.
AUTOMOTIVE — Center Auto Electric Service, 227 Ash.
Duboce Auto Repair Shop, 15 Duboce.
BARBERS—Joseph Matje, 27 Taylor.

ANNOUNCING
Our New Location
601-609 MISSION ST.
Corner of Second
C. F. WEBER & CO.
San Francisco

Official Proposals

BIDS WANTED FOR LOS GATOS HIGH SCHOOL

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Los Gatos Union High School District, Santa Clara County, State of California, in the present High School Building in Los Gatos **at 8 P. M., December 19th, 1923,** for the erection and completion of a concrete High School Building in the City of Los Gatos, State of California, according to plans and specications prepared for the same by W. H. Weeks, Architect.

Bids will be received on the work as follows:

General Work.
Blackboards.
Plumbing Work.
Electric Work.
Window Shades.
Linoleum.
Heating.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California; or at the office of the Principal of the High School in the present High School Building in Los Gatos, California.

All bids should be presented on bid forms furnished by the Architect.

Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than five per cent (5%) of the amount bid, made payable to Dr. E. M. Miller, Clerk of the Board of Trustees of the Los Gatos Union High School District, for the purpose stated in the specifications.

Each bid must be enclosed in sealed envelope and addressed to Dr. E. M. Miller, Chief of the Board of Trustees, and endorsed: "PROPOSALS FOR NEW HIGH SCHOOL BUILDING."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board of Trustees, at the Principal's Office in the present High School Building in the City of Los Gatos, at the time and place of meeting above stated; or any time up to the hour of opening of said bids.

DR. E. M. MILLER,
Clerk of the Board of Trustees of the Los Gatos Union High School District, Los Gatos, California.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum building, Sacramento, Cal., **until 2 o'clock P. M., on December 31, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made of portions of State Highway as follows:

Sonoma County, between Beltane and Schellville (IV-Son-51-B), about eleven and five-tenths (11.5) miles in length, to be graded and seven and two-tenths (7.2) miles surfaced with gravel or broken stone and four and three-tenths (4.3) miles to be paved with Portland cement concrete.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: December 3, 1923.

NOTICE TO CONTRACTORS

(Tracy Clover Irrigation District)

Sealed proposals addressed to the Board of Directors of The Tracy Clover Irrigation District, Tracy, California, and endorsed Proposal for Contract No. 1, will be received by the Board at its office, at No. 204 Bank of Tracy Building, Tracy California, until **2 o'clock p. m. of the 27th day of December, 1923,** and at that time and place will be publicly opened and read.

All proposals must be made upon blank forms to be obtained from the Secretary of the Board of Directors at his office in Tracy, must give the price proposed, both in writing and in figures, and must be signed by the bidder, with his address.

Each bid is to be presented under sealed cover and shall be accompanied by cash or certified check made payable to the President of the Board of Directors of the Tracy Clover Irrigation District, for an amount equal to at least $500.000, and no bid shall be considered unless such cash or check is enclosed therewith, and, also no bid will be considered unless in strict conformity with the specifications. Should the successful bidder to whom the contract is awarded fail to execute the same, said cash or check shall be forfeited to and become the property of the district. All other cash and checks will be returned to the unsuccessful bidders who submitted the same.

A common law bond will be required for the faithful performance of the contract in a sum not less than 25 per cent of the estimated amount of the contract; and a further bond in the sum of not less than 50 per cent of the estimated amount of the contract must be furnished, with acceptable sureties, to secure the payment of laborers, materialmen, etc.

The contractor to whom the contract may be awarded will be required to appear at the office of the district, with sureties offered by him and execute the contract within ten days, (not including Sundays) from the date of notification of such award and the preparation and readiness for signature of contract, and in case of failure or neglect so to do he will be considered as having abandoned it, and said forfeiture of cash or certified check will operate.

The bids to be made on the following items:

Item No. 1. For deepening of main ditches, Nos. 1 and 2, from 1 to 2 feet for approximately their entire length. The deepening is to come out of bottom and to be placed on banks so as to give a bottom width of 4 feet and finished slopes of 1½ to 1 on the inside or water-side of the bank. The yardage to be handled under this contract will not be less than 2500 cu. yds. and the district reserves the right to increase yardage to be removed up to 10,000 cu. yds. Estimated yardage to be removed will be in the neighborhood of 3000 cu. yds. to 5000 cu. yds. Contractor's proposal shall be on the price per cu. yds. basis.

Item No. 2. For the construction of one (1) main red-wood head-gate for main canal, No. 2. The contractor is to furnish all of the labor and materials to construct said head-gate complete and ready to operate for the price stated in bidder's proposal. The contractor's bid shall be lump sum bid for the construction of the gate.

Item No. 3. For the construction of 7 4-foot red-wood head-gates at the location to be selected by engineer of the district. The contractor is to furnish all labor and materials and to construct said head-gates complete and ready to operate. The contractor's bid shall be a lump sum bid per gate installed. It is understood that the district can either increase or decrease the number of gates to be installed under this proposal, provided, only that such increase shall be made prior to the completion of the gates previously ordered, and that any decrease shall be made prior to the commencement of the work.

This contract shall be entered into in accordance with the plans and specifications heretofore adopted by the Board of Directors. The plans and specifications may be seen at the district office.

The right is reserved to accept the proposal of the lowest responsible bidder or to reject any and all bids.

By order of the Board of Directors of the Tracy Clover Irrigation District, made this 22nd day of November, 1923.

GEORGE M. HENCH,
Secretary of the Board of Directors of The Tracy Clover Irrigation District.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Engineering News Section

BRIDGES

MENDOCINO COUNTY, Calif. — See "Power Projects," this issue. Central Mendocino County Power Co.

RED BLUFF, Tehama Co., Cal. — See "Railroads," this issue. Southern Pacific Co.

ABERDEEN, Wash.—City Eng. E. G. Hunt instructed to prepare plans for new bridge over Chehalis river for submission to War Department. Bonds of $200,000 have been voted to finance construction. Plans for $200,000 structure Wishkah river bridge have already been approved by War Department. Latter will be one-leaf bascule with 27 ft. roadway.

GLENDALE, Cal.—Until 10 a. m., Dec 20, bids will be rec. by city clerk to const. 15,000,000 gal. reservoir, part excavated and part embankment, lined with 6-in. conc. reinf. with wire mesh, and having wood roof. It will be oblong in shape. Plans and spec. on file at office of city clerk. Ben F. Dupuy, city engineer.

TEHAMA COUNTY, Cal.—Until 2 p. m., Dec. 24, bids will be rec. by state highway comm., Forum Bldg., Sacramento, to const. six reinf. conc. girder bridges across Mill Race, Salt Creek, Craig Creek, Salt Creek Overflow, Butler Slough and New Creek, involving 2100 cu. yds. roadway excav. unclass.; 720 lin. ft. subgrade (preparing and shaping); 220 cu. yds. class A concrete (roadway pavement); 880 cu. yds. A conc. (in superstructure); 535 cu. yds. A conc. in frame bents; 2700 cu. yds. excav. for bridge structures; 2600 cwts. reinf. steel. Alternative items: 132 cu. yds. A conc. in pile caps; 100 30-ft. reinforced conc. piles; 24 34-ft. reinf. concrete piles (these items to be considered alternative items for items 5 and 6).

SAN JOSE, Santa Clara Co., Cal. — Until Dec. 17, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to repair floor system of Montague rd. bridge over Guadalupe creek in Supervisor Dist. Nos. 3 and 4. Cert. check 10% payable to county clerk req. Plans obtainable from County Surveyor Robt. Chandler.

RIVERSIDE, Cal.—Until 10 a. m., Dec. 17, bids will be rec. by supervisors to const. three pile trestle bridges, 93 ft., 162 ft. and 231 ft. in length, on the Temecula-Aguanga Rr., as follows: Dipping Springs bridge, Tripp bridge and Pauba bridge, respectively. Plans obtainable from A. C. Fulmor, county surveyor on deposit of $5. Cert. check 5%. D. G. Clayton, clerk.

LAKE COUNTY, Calif.—State Highway Commission proposes to construct 1½-mi. of highway on the Lake County side of Mt. St. Helena if the Lake county supervisors will construct 2 bridges on the route. The bridges are estimated to cost $14,000. Taken under advisement.

LOS ANGELES, Cal.—E. G. Perham, 1016 Wright & Callender Bldg., submitted low bid to supervisors at $3910 to const. bridge over Alhambra Wash. Frank H. Green bid $6533.

MADERA, Madera Co., Cal.—R. C. Brown, Chowchilla, at $3,720 awarded cont. by supervisors to const. two timber bridges with conc. footings over slough on Lincoln Rd. in Dixieland District, 2nd Supervisorial District. Other bids were: Miller & Little, Madera, $3956; A. Gendron, Madera, $7125; Geo. Zoerb, Madera, $5033; Harlan & North, Galt, $4560; Brown Constr. Co., Madera, $4158.

SANTA ANA, Cal.—County Highway Supt. J. L. McBride instructed by supervisors to prepare plans for a conc. bridge across Santiago Creek at Black Star crossing, at the junction of Santiago and Black Star Conyons.

STOCKTON, San Joaquin Co., Cal.—M. B. White, Stockton, at $1,650 awarded cont. by supervisors to const. Messick Bridge over Calaveras river.

LOS ANGELES, CO., —See "Sewers and Street Work," this issue.

REDWOOD CITY, San Mateo Co., Cal. —County Surv. Geo. A. Kneese has completed plans for new bridge over Butano creek on road leading from Pescadero to Santa Cruz; est. cost, $7,000. Bids will be asked at once. Eliz. M. Kneese, County Clerk.

MARYSVILLE, Yuba Co., Cal.—County Surveyor Jason R. Meek authorized by supervisors to make test borings for proposed Simpson Lane bridge.

SEATTLE, Wash. — Resubmission of the $1,500,000 bond issue to finance construction of bridge over West Waterway at West Spokane St., and $500,000 for a bridge across Lake Washington canal at Montlake Blvd., is provided in a resolution introduced to the city council. The Spokane St. bonds were voted in 1920, and provide for payments in 20 years. The Montlake issue was voted in 1921 and provided for retirement beginning 6 years from date and ending 20 years from date. The last legislature passed a bill making all general bonds payable in equal annual payments beginning the second year after issue. Neither of the bridge issues had been sold and this brings them under the new law and makes resubmission necessary.

SANTA CRUZ, Santa Cruz Co., Cal.—See "Sewers and Street Work," this issue. Bonds of $135,000 voted.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal. — Russell-Foell Co., Pac. Elec. Bldg., submitted low bid to supervisors at $1.33 per ton for fur. 20,000 to 40,000 tons rip-rap for flood ocntrol work. Bly Bros. and McGilliard Co. bid $1.40. Both bids were f. o. b. quarry.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

STOCKTON, San Joaquin Co., Cal.—Until Jan. 7, 5 P. M., bids will be rec. by A. L. Banks, City Clerk, to anchor and reconstruct portion of existing concrete bulkhead on north bank of Stockton channel Cert. check 10% payable to City Auditor req. with bids. Plans obtainable from City Eng. W. B. Hogan.

IRRIGATION PROJECTS

TRACY, San Joaquin Co., Cal.—Until Dec. 27, 2 p. m., bids will be rec. by Geo. M. Hench, secy. Tracy-Clover Irrigation District, for following improvements:

(1) Deepen main ditches, Nos. 1 and 2 from 1 to 2-ft. for approx. their entire length. Yardage to be handled under this contract will be not less than 2500 cu. yds. but district reserves right to increase same to 10,000 cu. yds.

(2) Construction of one main r.w. headgate for main canal, No. 2.

(3) Construction of seven 4-ft. r.w. gates at point designated by engineer.

See call for bids under official proposal section in this issue.

OROVILLE, Butte Co., Cal. — L. C. Bills Hardware Co., Oroville, at $3.39 bbl. awarded cont. by Thermalito Irrigation District to fur. and del. 2750 bbls Port. cement. Other bidders submitting identical bids, were: O. A. Peter, 204 Bridge St., Oroville; Santa Cruz Portland Cement Co., 324 Crocker Bldg., S. F.; Pacific Portland Cement Co., S. F.; Old Mission Portland Cement Co., Mills Bldg., San Francisco.

OROVILLE, Butte Co., Cal. — Union Machine Co., 934 Brannan St, San Francisco, at $155 submits only bid to Thermalito Irrigation District to fur. and del. one 42-in. pipe outlet. Bid reected. R. A. Leonard, secy. of district.

OROVILLE, Butte Co., Cal. — Union Machine Co., 934 Brannan St, San Francisco, at $2000 submits low bid to Thermalito Irrigation District to fur. and del. one 30-in. Needle Valve. Water Works Supply Co., 536 Call Bldg., San Francisco, at $3950 only other bidder. Bids rejected. R. A. Leonard, secy. of district.

OROVILLE, Butte Co., Cal.—No bids received by Thermalito Irrigation District for fur. and del. approx. 1000 lbs. steel. No bids rec. for fur. and del. one 30-in. pipe outlet. R. A. Leonard, secy. of district.

MERCED, Merced Co., Cal.—Directors of Merced Irrigation District vote to call election to vote bonds of $3,000,000 to finance completion of irrigation works in district.

MARYSVILLE, Yuba Co., Cal.—Phillips Constr. Co., at $6,000 awarded cont. by Hallwood Irrigation District to const. concrete flume across Nigger Jack slough n. e. of Marysville.

BLYTHE, Cal. — Foley Bros. (L. A. Foley, care Van Nuys Hotel, Los Angeles), submitted only bid to directors of the Palo Verde Drainage Dist., Blythe, at approx. $75,000 to const. portion of drainage system known as the West Side drain. Work involv. 300,000 cu. yds excav. at 18c yd.; 75 acres clearing at $50 acre; 1800 lin. ft. piling in bridges at $3.30 ft.; 46,000 ft. lumber at $110 per M; 200 lin. ft. piling in flumes at $5.40 ft; 4000 ft. lumber in flumes at $125 per M; 130 ft. 4-ft. metal flumes and 5-ft. metal flumes at $6.75 lin. ft. 4-ft. and $7.50 lin. ft. 5-ft.; 25 cu. yds. conc. at $55 yd; 2000 sq. ft. paving at 65c ft; 500 lbs. reinf. steel at 14.5c lb. The bid was taken under consideration. D. W. Murphy, Hollingsworth Bldg., Los Angeles, consulting engineer.

DIXON, Solano Co., Cal.—Felix Swan representing property owners, backs movement seeking formation of irrigation district comprising approx. 20,000 which includes the town of Dixon and adjacent country. Of the total acreage 7610 acres have been signed up. It is proposed to secure water from Putah creek.

HANFORD, Kings Co., Cal.—Owners of 187,000 acres of Tulare Lake lands will confer with State Engineer W. F. McClure regarding proposed formation of Tulare Lake Water Storage District. The district is for storage and distribution of waters poured into the lake from the Kings, Kaweah, Kern and Tule rivers. In ordinary years, excluding flood years, it is estimated that the rich lake bottom lands which sometimes are unproductive for want of water, could readily be irrigated by machinery installed by the proposed district.

BAKERSFIELD, Kern Co., Cal. — H. G. Hull of Wasco, Calif., was elected president of the board of directors of the Kern Water Storage District which contemplates construction of a $15,000 000 irrigation project in Kern county. Frank G. Munzer was elected secretary of the board.

MODESTO, Stanislaus Co., Cal. —Until Dec. 28, 2 p. m., bids will be rec. by C. S. Abbott, secy., Modesto Irrigation District, to drill wells and furnish and erecting drainage pumping plants as follows: 12 installations, each comprising a well, a motor-driven deep well turbine pump, motor started and sheet metal pump house. Cert. check 5% payable to Treasurer of District req. Spec. obtainable from secretary on deposit of $5, returnable.

LIGHTING SYSTEMS

MARYSVILLE, Yuba Co., Cal.—Property owners and merchants in D street are signing petitions seeking the installation of an ornamental electrolier system to cost approx. $1.50 front ft

LOS ANGELES, Cal.—R. A. Wattson, 4907 Melrose Ave., submitted low bid to Bd. Pub. Wks. at $16,397 for const. ornam. light system in Arden Blvd. bet. Rosewood Ave. and Third St. Other bids were: C. W. Sparks, $16,875; H. H. Walker, $17,128; Osborn Electric Co., $17,485.

OAKLAND, Cal.—Petitions are being circulated seeking installation of street lighting system in Broadway bet. 14th and 24th Sts., est. cost $50,000. Geo. E. Sheldon, secy., Uptown Assn., in charge of circulating petitions.

BAKERSFIELD, Kern Co., Cal.—City Eng. W. D. Clarke preparing spec. to install electrolier system in portions of 19th, Chester, Baker and other streets. The pressed steel stand will be installed, costing approx. $43.25. About 150 standards will be installed at the present time. V. Van Riper is city clerk.

ANAHEIM, Cal.—Until 8 P. M., Dec. 13, bids will be rec. by city trustees for 40 cast iron ornam. lamp posts, f. o. b. Anaheim. Spec. on file in the office of the city engr. Cert. check or bond, 10%. Edw. B. Merritt, City Clk.

SAN DIEGO, Cal. — Council declares inten. for following work:

7th, St., 8th St., 10th St., 11th St., 12th St., B and C Sts., const. ornam. reinf. conc. lighting system (approx. 168 posts).

La Jolla Blvd., Prospect St., Prospect Pl. and Girard Ave., const. ornam. rein. conc. lighting system (approx. 99 osts).

Work under 1911 act. Allen H. Wright, city clerk.

GRASS VALLEY, Nevada Co., Cal. — City trustees contemplate installation of modern street lighting system. Preliminary plans have been submitted by several electric companies.

SACRAMENTO, Cal.—H. C. Reid & Co., 115 Mission St., San Francisco, at $14,200 submits low bid to city commission to install electrolier in portions of 12th St. Other bids: Geo. C Foss, Sacramento, $15,962; Lattourette-Fical Co., Sacramento, $15,587; J. C. Hobrecht, Sacramento, $20,333. Taken under advisement. Albert Givan, city eng.

CHANDLER, Ariz. — The $145,000 bond issue for installing a municipally owned water, sewerage and lighting system was defeated at the recent election.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 24, bids will be rec. by Bd. Pub. Wks. to const. ornam. lighting system in Jefferson St., bet. Main St. and Vermont Ave. Plans on file at office of city electrician, 2nd fl. north city hall annex; 1911 act.

MACHINERY & EQUIPMENT

LOS ANGELES, Cal. — Herberts Machinery & Supply Co. awarded contr. by public service comm., at $1745 for fur. f. o. b. dept.'s warehouse, a threading machine under spec. W-145; delivery 10 weeks from receipt of order.

SAN JOSE, Santa Clara Co., Cal. — Gilroy Tractor and Implement Co., Gilroy, and Dean Tractor and Implement Co., San Jose, at $1525 each, awarded contract by County Supervisors to furnish and deliver one Cletrac tractor for use in Supervisor District No. 5.

OAKLAND, Cal.—Until Dec. 13, 11 a. m. bids will be rec. by Eugene K. Scurgis, city clerk, for fur. and del. one safety coach passenger automobile. Bond of $2000 req. of successful bidder. Spec. and further information obtainable from clerk.

SAN FRANCISCO—Until Dec. 17, 3 p. m., bids will be rec. by Leonard S. Leavy, City Purchasing Agent, for fur. and installing electric motors in Mission and Galileo high schools. Further information together with forms for bidding obtainable from above.

MADERA, Madera Co., Cal. — Troy Laundry Machinery Co. at $2,325 awarded cont. by supervisors to install one Shew type mangle in county hospital.

OXNARD, Cal.—Until 8 P. M., Dec. 11, bids will be rec. by city trustees for one auto truck chassis, cap. to be not less than 2 tons. Photograph, spec. and capacity to be furnished by bidder. Frank B. Pettis, City Clerk.

MODESTO, Stanislaus Co., Cal.—Until Dec. 28, 2 p. m., bids will be rec. by C. S. Abbott, secy. Modesto Irrigation District, to drill wells and furnish and erecting drainage pumping plants as follows: 12 installations, each comprising a well, a motor-driven deep well turbine pump, motor started and sheet metal pump house. Cert. check 5% payable to Treasurer of District req. Spec. obtainable from secretary on deposit of $5, returnable.

RAILROADS

RED BLUFF, Tehama Co., Cal. — Company crews of the Southern Pacific Co., have started reconstruction of Brewery Creek bridge in northern outskirts of Red Bluff with a view to double-tracking the entrance to the city. Plans also provide for const. of passageway en bridge 8-ft. wide and 9-ft. high for driving livestock. Expenditure of approximately $200,000 is contemplated.

ELKO, Nevada—Actual construction of Rogerson-Wells branch of the Union Pacific R. R. to tap mining district of Contract will be started shortly, it is announced by Thos. W. Bult, right-of-way agent for the company. Bids for the work will be asked shortly to have operations commenced Jan. 1.

OREGON—Oregon-Washington Railroad and Navigation Co., Carl R. Gray, president files application with Interstate Commerce Commission for permission to const. extension of r.r. from Crane to Burns, Ore., approx. 32-mi. Line will be constructed to move timber from Malheur Natl. Forest. An additional 50 to 60 mi. of railroad will be constructed by Fred Herrick, purchaser of the timber, to connect the branch line at Crane with the Malheur Forest Reserve timber at Seneca.

FIRE EQUIPMENT

SAN FRANCISCO — Pioneer Rubber Mills, 339 Sacramento St., awarded contract by Bd. of Supervisors to fur. and del. 1-in. hose at $.54 ft. and 3-in. hose at $1.35 ft.

American Rubber Mfg. Co., 417 Market St., awarded cont. for fur. 1½-in. hose at $.58 ft. 2¾-in. hose at $1.65 ft.

SANTA PAULA, Cal.—Seagrave Co., awarded contr. by city trustees at $13,000 for a 750-gal. Seagrave triple comb. pumper, hose wagon and chemical engine. The company allows the city $1000 on old equipment.

FRESNO, Fresno Co., Cal.—City Council, R. Y. St. George, Clerk contemplates purchase of chemical engine to replace one recently damaged in smash-up.

PIPE LINES, WELLS, ETC.

EL SEGUNDO, Cal.—E. B. Fish awarded contr. by city trustees at $7.90 per lin. ft. to drill 16-in. well, 500 ft. deep, plus $500 for 3 day test. S. F. Catey bid $14,55 per ft, incl. test.

LONG BEACH, Cal.—Until 10 a. m., Dec. 12, bids will be rec. by city mgr. for drilling, casing, testing and completing four water wells. Spec. C-107 Cert. check or bond 10%. C. H. Windham, city mgr. H. C. Waughop, city clerk.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

ENGINEERING, INDUSTRIAL, TECHNICAL & SCIENTIFIC BOOKS
TECHNICAL BOOK COMPANY
Mills Building -- San Francisco
Phone Garfield 19
REPRESENTING
D. Van Nostrand Co., John Wiley & Sons, Inc.,, J. B. Lippincott Co., Longmans, Green & Co.

Printing

Modern, Efficient Methods, Up-to-date Machinery and Highly Skilled Workmanship plus an Honest Desire to Please assure

Quality and Service

Telephones
Garfield
3140
3141
3142

The Mercury Press
818 Mission Street
San Francisco

SACRAMENTO, Cal—Sacramento Division of Pacific Gas and Electric Co., E. W. Florence, division manager, will expend $1760 to extend gas mains in vicinity of Marshall Way, Portola Way 24th and 25th Sts.

SEWAGE DISPOSAL PLANTS

MORGAN HILL, Santa Clara Co., Cal. —Until Dec. 12, 8 P. M., bids will be rec. by town trustees to construct sewer system and sewage disposal plans from plans of C. C. Kennedy, consulting engineer, Call Bldg., San Francisco; est. cost, $50,000. Plans obtainable from eng.

HOLLISTER, San Benito Co., Cal.—Butte Elec. Equip. Co., 530 Folsom St., San Francisco, at approx. $39,867 for concrete pipe, awarded cont. by city trustees to construct sewage disposal plant.

CHANDLER, Ariz. — The $145,000 bond issue for installing a municipally owned water, sewerage and lighting system was defeated at the recent election.

NEWPORT BEACH, Calif. — See "Streets & Sewers," this issue.

MISCELLANEOUS CONSTRUCTION

STOCKTON, San Joaquin Co., Cal. — At request of City Councilman Lewis, City Eng. W. B. Hogan is preparing estimates for an overhead viaduct in East Miner Ave. and in East Washington St. Estimates have already been made for underground crossings.

SEATTLE, Wash.—Todd Dry Docks, Inc., Seattle, at $97,600 awarded cont. Pacific Steamship Co., to recondition the steamship Alexander.

MARYSVILLE, Yuba Co., Cal.—Following bids rec. by city council for incinerator plant and referred to City Mgr. J. O. Wanzer for report: H. E. Burns, (superior Incinerator Co.), Dallas, Texas, $12,000; Nye Odorless Incinerator Co., Macon, Georgia, $11,500; De Carrie Incinerator Co., Sacramento, $11,500.

SANTA MONICA, Cal. — Property owners in vicinity of Miramer Hotel propose to const. a tunnel under Palisades to connect with beach. Est. cost, $40,000. Gilbert Stevenson, prop. of the hotel, is one of the principal property owners and will present the matter to the city council.

SAN PEDRO, Cal.—Los Angeles Shipbuilding & Dry Dock Co., San Pedro, at approx. $1,000,000 awarded contract by Wrigley interests to construct passenger vessel to ply between San Pedro and Avalon, Catalina Island.

SEATTLE, Wash.—Shell Co. of Calif., D. G. Fisher, division manager of company at Seattle, reports company has purchased 8-acre site on Harbor Island and plans the construction of an oil storage terminal.

WATER WORKS

PORTLAND, Ore.—City Council contemplates bond election for $750,000 to finance construction of high pressure water system in down town district. Proposition will probably be submitted at next general election.

MODESTO, Stanislaus Co., Cal.—Bids will be asked at once by Modesto Irrigation District to furnish and install drainage pumps and wells in connection with drainage program, to be financed from $60,000 bonds issced for that purpose. It, J. Connell is ch. eng. for district.

PALO ALTO, Santa Clara Co., Cal.—City sells $40,000 block of water-sewer bonds for premium of $839; proceeds of sale to finance improvements to water and sewer systems. J. F. Bxybee, Jr., city eng.

PASADENA, Cal.—Pacific Pipe and Supply Co. awarded the cont. at $50,-788.30 for fur. city water dept. a quantity of water-main pipe. Other bids were: Natl. Cast Iron Pipe Co., $53,510; U. S. Cast Iron Pipe & Foundry Co., $56,946.05; American Cast Iron Pipe Co. $58,358; McWane Cast Iron Pipe Co., $59,106.

LEMOORE, Kings Co., Cal.—Dec. 21 is date set to vote bonds of $15,000 to extend fire mains.

WAPATO, Wash.—Bids will be asked at once by city council to furnish approx. 18,000 ft. 4, 8 and 10-in. pipe for water system.

SOUTH PASADENA, Cal. — Stevens, Smith & Co., and Sidney Smith, 2025 Bay St., Los Angeles, awarded contr. by city trustees at $55,692 to install new pipe line from the recently acquired water-bearing property in San Gabriel to the site of the new reservoir to be constructed on the east side of Raymond Hill. Steven Smith & Co. furnished materials and Sidney Smith, labor. Baker Iron Works was next low bidder at $60,238.90.

ALAMEDA, Alameda Co., Cal.—City of Alameda enters into contract with East Bay Water Co. of Oakland to install 6 and 8-in. c. i. water mains in various sections of city at a cost of $60, 738, the city to pay 8% on the total investment each year. Burnett Hamilton is city eng.

MERCED, Merced Co., Cal. — Until Dec. 17, 7:30 p. m., bids will be rec. by J. W. Spagnoli, clerk, Merced Union Grammar School District, to install irrigation systems at John Muir and Galan Clark grammar schools. Cert. check 10% payable to clerk of district req. Further information obtainable from clerk.

RED BLUFF, Tehama Co., Cal. — Western Pipe and Steel Co., 444 Market St., San Francisco, at $1.58 ft. ($3950) awarded cont. by city trustees to fur. 2500 ft. 12-in. double riveted pipe. Sacramento Pipe Works bid $1.69 ft; Montague Pipe and Steel Co., San Francisco, $1.73 ft.

OAKLAND, Cal.—City Commissioner Frank Colburn submits report to council seeking installation of water main installations for fire protection, the estimated cost of which is $610,976, the installation to be completed in the course of a year. Itemized, the recommendations follow:

240 fire hydrants, to cost $150 each, increasing the fire fighting efficiency of the city by 50 per cent.

Installation of 20-in. main on Foothill Ave. to Seminary Ave., 14,740 ft. of pipe.

Adeline to Broadway in 24th St.,5830 ft. of 24-in. pipe to connect with Lake Merritt 30-in. main.

San Pablo in 36th St. to West St. and from West St. to 43rd St. to Dover and out Dover to the city limits, 11,025 ft. 20-in. pipe.

34th St. at Peralta to 12th St., 6885 ft. 12-in. pipe.

West St. to 10th St. thence to Wood St. south to 11th St., 4700 ft. 12-in. pipe. Twelve, eight and six-inch mains will be laid from larger mains into the foothill districts.

SANTA BARBARA, Cal. — American Cast Iron Pipe and Fdy Co. submitted low bid to council at $39,417.44 for cast iron pipe for the water dept. Other bids were: Pac. Pipe and Supply Co., $40,-295.74; U. S. Cast Iron Pipe and Fdy. Co., $40,768; National Cast Iron Pipe Co $41,470.20.

Bidders on the hydrants and gate valves were: N. O. Nelson Mfg. Co., Water Works Supply Co., Keystone Iron and Steel Wks., Chapman Valve Mfg. Co. and Crane Co.

MONTECITO, Cal—The $200,000 bond issue of the Montecito Water Dept. has been purcahsed by the First National Bank, Citizens National Bank and the California Co. There still remains $550,000 unsold bonds.

MODESTO, Stanislaus Co., Cal.—Until Dec. 28, 2 p. m., bids will be rec. by C. S. Abbott, secy. Modesto Irrigation District, to drill wells and furnish and erecting drainage pumping plants as follows: 12 installations, each comprising a well, a motor-driven deep well turbine pump, motor started and sheet metal pump house. Cert. check 5% payable to Treasurer of District req. Spec. obtainable from secretary on deposit of $5, returnable.

SANTA MONICA, Cal. — Bond issue for $1,000,000 to finance construction of new water distributing system carried at recent election.

NEWPORT BEACH, Calif. — See "Streets & Sewers," this issue.

TURLOCK, Stanislaus Co., Cal.—Until Dec. 19, 8 p. m., bids will be rec. by E. E. Clayton, clerk, Mitchell School District, to install water pressure system with capacity of 400 to 600 gals. per hour. Further information obtainable from clerk.

PASCO, Wash.—Until Dec. 18, 8 p. m., bids will be rec. by Alfred Puchner, city clerk, to fur. materials and const. additions to city water supply, including intake structure, suction mains, pump house and appurtenances. Two 1200-gal. per min. centrifugal pumping units complete with piping, valves, fittings, etc., will be installed. Discharge and distribution mains together with valves, specials, etc., involv. 4250 lin. ft. 18-in., 1140 lin. ft. 14-in., 2650 lin. ft. 12-in., and 2380 lin. ft. 10-in. mains; one 200,000-gal. elevated steel or concrete standpipe. R. M. Murray, consulting engineer, 326 Hutton Bldg., Spokane, Wash.

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by city council, A. Walter Kildale, clerk, for fur. 5800 12-in. wood or steel pipe for line from Russ Claim to pumping station at Elk River.

CHANDLER, Ariz. — The $145,000 bond issue to install municipally owned water, sewage and lighting system was defeated at the recent election.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. — Junction Valencia — Phone Market 8926
24 VAN NESS AVENUE — Near Market

PLAYGROUNDS AND PARKS

SACRAMENTO, Cal. — City council has authorized establishment of children's playground in three lots bounded by O, P, 2nd and 3rd Sts. H. C. Bottorff, city manager, recommended its establishment.

MERCED, Merced Co., Cal.—Horace G. Cotton, landscape engineer, Call Bldg., San Francisco, commissioned by city trustees to prepare plans for permanent park improvements at Bear Creek park for which bonds of $25,000 were recently voted. Prof. J. W. Gregg of the University of California will act as consulting engineer on the work.

EUREKA, Humboldt Co., Cal.—Proposition of voting bonds of $65,000 to finance purchase of property bounded by 6th, 7th, F and G Sts., to improve for public park purposes will again be submitted to the voters. Previous elections failed to carry. A. Walter Kildale is city clerk.

SEWERS & STREET WORK

FAIRFIELD, Solano Co., Cal.—Chas. French, F. E. Knight and County Surveyor F. A. Steiger in a report to the county supervisors estimate the cost of constructing proposed Sears Point road leading from Vallejo at approx. $150,000. Previous estimates placed the cost at $200,000.

SEATTLE, Wash. — Goetz and Brennan, Seaboard Bldg., Seattle, at $320,-004 for clay pipe and $319,525 for concrete pipe, submit low bid to Bd. of Pub. Wks. to grade and pave Youngstown Place. J. L. Smith, Pioneer Bldg., Seattle, only bidder at $332,753 for either clay or concrete pipe. Taken under advisement. Engineer's est. $303,-852

LOS ANGELES, Cal.—Greater Washington Blvd. Assn. plans to widen Washington Blvd. to 100 ft. bet. Figueroa St. and the Los Angeles river. The plans include paving, ornam. light. system, and a viaduct across the river; est. cost $4,000,000. A. B. Boyd is mgr. of the assn.

SONOMA COUNTY, Calif.—Until Dec. 31, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento to const. 11.5-mi. of highway in Sonoma county bet. Beltane and Schellville. 7.2 mi. to be surfaced with gravel of broken stone and 4.3 miles to be paved with Port. cem. conc. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., awarded contr. by supervisors at $41,000 to imp. Slauson Ave., bet. L. A. city limits west 5270.09 ft. Paving consists of conc. 22 ft. wide, 6 in. to 8 in. thick. Work involv (1) 15,-365 cu. yds. excav; (2) 5270 lin. ft. shaping roadbed; (3) 12,882 sq. yds. conc. pavement; (4) 36 in. corru. iron pipe with headwalls at Sta. 39 plus 55; (5) 42-in. corru. iron pipe with headwalls at Sta. 29 plus 40; (6) 1064 lin. ft guard fence. Est. contr. price, $44,200.40.

EL MONTE, Cal.—City trustees declare inten. to imp. Nevada St., bet. Columbia and end of Nevada St., and portions of California St., Tyler St., Columbia St., Amador St., Washington St., grade; pave with cem. conc., const. curbs, walks, san. sewer; 1911 act. B. B. Moore, city clerk.

SAN FRANCISCO — Raisch Imp. Co., 46 Kearny St., San Francisco, at $5,-893.20 awarded cont. by Bd. Pub. Wks. to imp. Bismark St., bet. Rhine St. and county line involv. 770 cu. yds. cut, $1.25; 892 lin. ft. conc. curb, $1; 13,370 sq. ft. asph. conc. pavement, $.26.

SAN DIMAS, Cal.—Sidewalk dist. is being formed by residents of territory bounded by Commercial, Gladstone, Eucalyptus and Iglesia Sts., approx. 31,000 ft. out of 54,000 having been signed up. The petition will be presented to the county supervisors as soon as possible.

SAN FRANCISCO—Bd. Pub. Works completes spec. to imp Alabama St, bet. 16th St. and pt. 190 ft. northerly, involv. 760 cu. yds. cut; 316 lin. ft. conc. curb; 24 lin. ft. granite curb (to be reset); 8600 sq. ft. asph. conc. pavement. Est. cost $3800.

SAN DIEGO, Cal.—Council declares inten. to imp. Fir St., bet. 5th and 6th Sts; grade; pave with 1½-in. asph. conc. on 2½-in. bitum. pavement; also some 4-in. conc. pavement; const. walks curbs, 6-in. conc. sewer and laterals; 1911 act. Allen H. Wright, city clerk.

SAN FRANCISCO—Board of Supervisors passed resolution of intention to extend Van Ness Ave. from Market to Howard Street, total est. cost including rights of way, $700,000; grading and paving will cost $200,000. M. M. O'Shaughnessy, city eng.

SAN FRANCISCO — Municipal Construction Co., 112 Lyon St., San Francisco, at $5916.71 awarded cont. by Bd. Pub. Wks. to imp. Prospect Ave., bet. Eugenia and Elsie Sts., involv. 718 lin. ft. conc. curb, $1.10 ; const. 17 lin. ft. granite curb, $3; reset 88 lin. ft. granite, $1; reconst. 50 sq. ft. art. stone walks, $.20; const. 181 sq. ft. art. stone walks, $.20; 7618 sq. ft. asph. conc. pavement, $.31; 8323 sq. ft. conc. pavement, $.31.

HERMOSA BEACH, Cal.—City trustees declare inten. to imp. following sts

4th St., bet. Camino Real and Ardmore Ave; grade and pave with 5-in. conc.; const. walk, "A" curbs.

1st St., bet. Camino Real and Barney Ct., involv. grade; pave with 5-in. conc; const. "A" curb, walk. Rec. No. 699.

7th St., bet. Camino Real and Prospect Ave.; grade; const. walk.

Work under Vrooman act. B. F. Brown, city clerk.

PALO ALTA, Santa Clara Co., Cal. — City sells $40,000 block of water-sewer bonds for premium of $839; proceeds of sale to finance improvements to water and sewer systems. J. F. Bxybee, Jr., city engineer.

LOS ANGELES, Cal.—E. P. Ferry & Co., 828 S Maryland Ave., Glendale, submitted low bid to Bd. Pub. Wks. to imp. Louisa St., bet. Daly St. and Ave. 21, involv. grading at $600; 63 sq. ft. conc. paving at 30c ft.; 10,837 sq. ft. oiling and rolling at 7.5c ft.; 919 ft. curb at 65c ft.; 4599 sq. ft. walk at 22c ft.; 1748 sq. ft. gutter at 34c ft.

SANTA CRUZ, Santa Cruz Co., Cal.—Petitions are being circulated by property owners seeking paving of Center Street.

FRESNO, Fresno Co., Cal. — City council, R. Y. St. George, clerk, declares inten. (No. 7-D) to imp. Lewis Ave., bet. Fresno and Blackstone, involving grade and pave with 3½-in. asph. conc. base with 1½-in. asph. conc. top course with liquid asph. and rock screenings surface; conc. curbs, gutters and walks; corru. metal culverts with manholes. 1911 act. Protests Dec. 20. Wm. Stranahan, city engineer.

LOS ANGELES, Cal. — Sully-Miller Contr. Co., 250 Bennett St., Long Beach, submitted only bid to supervisors at $12,530.48 to const .oil macadam pavement, oil and rock screening shoulders, grading and other incidental work on Orange Ave., bet. State St. and 118 ft. s of Hill St., under County Imp. No. 16; 2492 lin. ft. or .47 mi., involv. 2590 cu. yds. excav., incl. shaping at $1.40 yd.; 5538 sq. yds. macad. pavement at $1.40 yd.; 4264 sq. yds. oiling and screening shoulders at 27c yd. Aver. haul, .75 mi. from Burnett Station on P. E. Ry. Eng. est., $10,625.55.

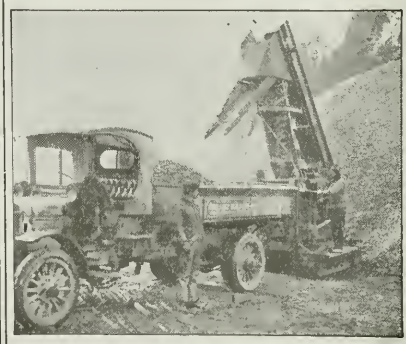
PETALUMA, Sonoma Co., Cal.—City council votes $1500 appropriation to finance survey for proposed new sewer system. Survey will be made by Howe and Peters, consulting engineers, 24 California St., San Francisco.

STOCKTON, San Joaquin Co., Cal. — Until Jan. 7, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of Worth, E-Worth, Milton and E Anderson Sts., involv. grade; const. comb. conc. curbs and gutters; pave with 4-in. crushed rock base with 2-in. asph. conc. surface; conc. sidewalks. Cert. check 10% payable to city req. Plans on file in office of clerk. W. B. Hogan, city engineer.

SAN JOSE, Santa Clara Co., Cal. — Until Jan. 7, 11 a. m., bids will be rec by Henry A. Pfister, county clerk, to const. sewer at county hospital in Supervisor District No. 4. Plans obtainable from County Surv. Robt. Chandler

OAKLAND, Cal. — County Surveyor Geo. A. Posey instructed to prepare specifications to pave Main street in Pleasanton and Main St., in Livermore to connect with highway recently completed between the two cities; pavement to be 18-ft. wide.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

LOS ANGELES, Cal. — Oglesby & Dahl, 423 Edgewood Rd., Santa Ana, submitted low bid to supervisors at $67,608.63 to imp. Compton-Clearwater Rd., bet. east boundary of Compton and Ocean Blvd., 13,970 lin. ft. involv. (1) 13,655 cu. yds. excav. 20c yd; (2) 4667 cu. yds. removing old macad. paving 75c yd; (3) 37,966 sq. yds. shaping roadway 19c yd; (4) 37,966 sq. yds. macad. and disin. granite base 37c yd; (5) 37,966 sq. yds. conc. pavement 97c yd.; 27,940 lin. ft. shaping shoulders 10c ft.; (7) conc. culvert and headwalls $200. County furnishes 10,077 bbls. cement and also pays freight on sand and gravel. Cash job No. 210. Aver. haul 1½ mi from Clearwater on U. P. Ry. Engr's est. $71,183.20. Other bids were: Geo. R. Curtis, $67,714.38; Sully-Miller Constr. Co., $69,310.46; Geo. H. Oswald, $73,676.21; J. Paul Benson, $73,930.45; Blumenkranz & Vernon, $78,938.31; H. G. Fenton, $82,984.82; Griffith, $86,052.35; Ed. Johnson & Sons, $87,459.14.

OREGON—Until Dec. 19, 9 a. m., bids will be rec. by C. H. Purcell, Dist. Eng. U. S. Bur. of Public Rds., 216 New Postoffice Bldg., Portland, to const. 2.72 mi. of Scottsburg-Reedsport Natl. Forest Rd., in Siuslaw Natl. Forest, involving 18 acres clearing, 12 acres grubbing, 160,000 cu. yds. unclass. excav.; 125 cu. yds. class A conc.; 940 lin. ft. culverts; 2 30-ft. span timber bridges. Plans obtainable from Eng. on deposit of $10, checks payable to secy. of agriculture of the U. S. Deposit returnable.

OREGON—Until Dec. 19, 9 a. m., bids will be rec. by C. H. Purcell, Dist. Eng. U. S. Bur. of Pub. Rds., 314 New Postoffice Bldg., Portland, to const. 7.5 mi. of Bear Gulch Natl. Forest Rd., in Malheur Forest, involv. 21 acres clearing; 9 acres grubbing; 25,000 cu. yds. excav. (rock); 20,000 cu. yds. excav (common); 1500 cu. yds. structure excavation; 7.5 mi. finishing earth road; 2560 lin. ft. culverts; 1 15-ft. span log stringer bridge. Plans obtainable from eng. on deposit of $10, checks payable to secy. of the agriculture of the U. S. Deposit is returnable.

ARCADIA, Cal.—No bids rec. by city trustees to pave with oil macad. the following streets: Baldwin Ave., bet. Palm Dr. and Azusa Rd.; California St., bet. Second and Fifth Aves.; El Molino St., bet. Huntington Dr. and S. P. Ry.; Genoa St., bet. First and Fifth Aves. Work will be done by the city engineer.

NEVADA STATE — Judd, Lund and Kemp, St. George, Utah, at $11,260 awarded cont. by State Highway Commission to const. underpass concrete r.r. structure under the Union Pacific R.R. (a portion of state highway system). Project is located in Clark county, will be 120 ft. long, involv. 2300 cu. yds. unclassified excavation; 425 cu. yds. class C conc. (abutements). Falsework for supporting track during construction and structural steel deck to be placed by R.R. company. Other bids were: A. D. Drumm & Con, Fallon, Nevada, $13,637; James J. Burke & Co., Salt Lake City, Utah, $15,987; Ryberg Bros., Salt Lake City, $16,093; E. W. Griffith & Son, Las Vegas, Nevada, $16,453; Security Bridge Company, Ogden, Utah, $18,567; Allston & Hoggan, Salt Lake City, Utah, $18,750.

LOS ANGELES, Cal.—See "Schools," this issue.

SAN LUIS OBISPO, Cal.—City council authorizes paving of Morro St., bet. Higuera and Monterey Sts., with 6-in. conc. pavement, work to be done under private contract. Walter E. Roselip, city engineer.

MARTINEZ, Contra Costa Co., Cal.—Downer & Mero, 401 16th St., Richmond at $7500 awarded cont. by Mt. View Sanitary District to construct sewer system.

PHOENIX, Ariz. — R. H. Martin has been awarded contr. by state highway dept. at $14,007 to const. drainage structures on the Florence-Superior highway. The total work, incl. materials furnished by the state, contingencies, etc., amounts to $23,194; work is being done under federal aid.

SAN LUIS OBISPO, Cal.—City Engr. Walter B. Roselip instructed to prepare spec. to pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface Higuera St., bet. Santa Rosa and Grove Sts; Marsh St., bet. Higuera and Ida; Ida bet. Marsh and Higuera. 1911 Act and Bond Act 1915.

LOS ANGELES, Cal. — Supervisors declare inten. to imp. First Ave., bet. College Ave. and Crawford St., 1696 lin. ft. or .32 mi. (County Imp. No. 46), involving 2506 cu. yds. excav., incuding shaping; 3311 lin. ft. curb; 8855 sq. ft. walk; 6095 sq. ft. gutter; 6402 sq. yds. conc. pavement. Est. contr. price, $21,246.20. Ave. haul from Downey on S. P. Ry., ¼ mile.

SANTA ANA, Cal.—Oglesby & Dahl, Santa Ana, awarded contr. by city trustees at $6494 to const. storm drain in right of way, bet. N Edinger St. and s line of Tract 289, involving 1303.72 sq. ft. grading and paving with 6-in. conc. at 25c ft.; 1961 lin. ft. combination curb and gutter at $3 ft.; 60 ft. 24-in. curb at 60c ft.; one twin corru. iron culvert at $250.

HAWTHORNE, Cal. — Oswald Bros., 366 E 58th St., Los Angeles, awarded cont. by city trustees at $213,501 to pave Hawthorne Ave. and Raymond St. approx. 2.5 mi., involv. grading, curb, walk, gutter, approx. 96,000 sq. ft. 4-in. paving (1½-in. Willite on 2½-in. asph. conc. base), and approx. 310,000 sq. ft. 6-in. paving (2-in. Willite on 4-in. asph. conc. base); conduits, redwood headers, 10-in. corru. pipe drain, 18-in. corru. pipe drain, and 30-in. storm drain complete. Other bids were: H. G. Feraud (for Willite Co.), $217,528.83; Robert J. Ferry, $228,449.75; Hall-Johnson Co., $230,032.96; Southwest Paving Co., $239,899.40.

SAN LUIS OBISPO, Cal.—County Engineer Warren Burch has completed spec. to grade, gravel and const. culverts in unpaved section of Avila county highway, connecting Paso Robles with state highway. Est. cost $50,000. Bids will be asked immediately.

RIVERSIDE, Cal. — Floyd Brown awarded cont. by supervisors at $2.50 sq. yd. to surface with gravel road bet. Ehrenberg Ferry and city limits of Blythe, 3.55 miles.

PORTERVILLE, Tulare Co., Cal. — Porterville Chamber of Commerce backs move to secure construction of road from Doyle Springs to Mountain-Summer Home district, approx. 8½-mi. in length; est. cost $40,000. Laurence A. Moye, county surv. has prepared preliminary surveys for the project.

CONTACT, Nevada.—Contact Sewerage Co., has been organized to finance construction of sewer system, estimated cost of which is $25,000. Incorporators are: Robert Wler, M. C. DeVaux, and H. A. DeVaux.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. portions of 22nd Ave., bet. E-28th and E-32nd Sts., involv. grade and pave, const. curbs, gutters and walks. 1911 act. Protests Dec. 13. W. W. Harmon, city engineer.

COMPTON, Cal.—City trustees declare inten. to imp. Hickory St., bet. Orange and Cedar Sts. and portions of Culver St.; grade; pave with 5-in. cem. conc.; const. B curbs, walks, 6-in. vit. hse. sewers; 1911 act.

Inten. declared to imp. Raymond St., bet. Tamarind St. and Long Beach Ave and a portion of the west roadway of Wilmington St.; grade; pave with 5-in. cem. conc.; const. class "B" curbs; 8-in. vit. pipe sewers and 6-in. hse. sewers; 4-in. wood stave water pipe; 1911 act.

SAN FRANCISCO — Until Dec. 19, 3 p. m., bids will be rec. by Board of Public Works to imp. Wilde Ave., bet. Delta and San Bruno Aves., est. cost $38,000. Project involv. 7100 cu. yds. cut, 1035 cu. yds. fill, 75 lin. ft. 12-in. sewer with 2 wye branches, 1 br. manhole, 16 br. catchbasins, 500 lin. ft. 10-in. culvert, 4388 lin. ft. conc. curb, 1610 sq. ft. art. stone walks. 19,200 sq. ft. conc. pavement and 71,225 sq. ft. asph. conc. pavement. Spec. obtainable from Department of Engineering, 3rd floor, City Hall.

MONROVIA, Cal.—City trustees declare inten. to imp. Orange Ave., bet. Mayflower and Fifth Aves.; grade and pave with oil tamped pavement; const. reinf. conc. culvert and intake, san. sewer., hse. connections; 1911 act. C. A. Sergeant, st. supt.

VENICE, Cal.—City trustees declare inten. to imp. Vernon Ave., bet. Washington Blvd. and Lincoln Blvd., grade and pave with 1½-in. National wearing surface laid on 2½-in. asph. conc. base; curbs. 1911 act.

Inten. declared to imp. Brooks Ct., bet. Fifth and Sixth Aves., by grade; pave with 4-in. cem. conc.; 1911 act. T. H. Hanna, city clerk.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. portions of Meadow St., bet. 35th and Harrington Aves., involv. grade and pave, const. curbs, gutters and walks. 1911 Act. Protests Dec. 13. W. W. Harmon, city eng.

BAKERSFIELD, Kern Co., Cal. — Until Dec. 17, 10 a. m., bids will be rec. by F. E. Smith, county clerk, to const. sidewalks and curbs at County Detention home. Cert. check 10% payable to county req. Plans on file in office of clerk.

SAN FRANCISCO—Bd. Pub. Wks. completes spec. to imp. Treat Ave. from 26th St., southerly, involv. 250 cu. yds. cut; 415 lin. ft. conc. curb; 5,300 sq. rft. asph. con. pavement; 2 br. catchbasins; 30 lin. ft. 10-in. ironstone pipe culvert. Est. cost, $2,500. M. M O'Shaughnessy, City Eng.

SANTA ANA, Cal.—Until 7 P. M., Dec. 17, bids will be rec. by city trustees to imp. Forest Ave., bet. W. 5th and W. 4th Sts., etc., involv. 9000 sq. ft. grade and pave with 5-in. concr.; const. 500 lin. ft. curb; 1915 bond imp. act. W. G. Knox, City Engr.

SAN FRANCISCO — Bd. Pub. Wks. completes spec. to imp. Palou ave. bet. Phelps and Rankin Sts., involv. 5300 cu. yds. cut; 1350 cu. yds. fill; 2700 lin. ft. conc. curb; 2375 sq .ft. art. stone walks; 9 br. catchbasins; 300 lin. ft. 10-in. ironstone pipe culvert; 72,900 sq. ft. asph. conc. pavement. Est. cost $30,225. M. M. O'Shaughnessy, city eng.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

COLTON, Cal.—Hall-Johnson Co, Box 51 Lynwood, awarded contr. by city trustees to pave C St., involv 191,000 sq. ft., 2-course Willite pavement 22.4c ft; 152 ft. curb 56c ft; 1450 sq. ft. walk 18c ft.; 8.9 cu. yds. conc. in retaining wall dips $25 yd. The same company was low bidder on South 8th St. pavement, involv. 84,500 sq. ft. 2-course, 4-in. Willite pavement 22.2c ft.;3630 sq. ft. 2-course 5-in. willite pavement 25.3c ft.; 26,538 sq. ft. 1-course, 2-in. top 12.5c ft.; 1500 sq. ft. walk at 18c ft.; 1398.4 lin. ft. curb. 56c ft.

SAN FRANCISCO—Bd. Pub. Wks. completes spec. to imp. Hamilton St., bet. Silver Ave. and Felton Sts., involv. 1,250 cu. yds. cut; 1,400 lin. ft. conc. curb and 280,000 sq. ft. asph. conc. pavement. Est. cost, $9,850. M. M. O'Shaughnessy, City Eng.

LOS ANGELES, Cal.—Until 10 A. M., Dec. 17 bids will be rec. by Bd. Pub. Wks. to fur. vit. clay sewer lining blocks for sec. No. 9 of North Outfall Sewer. Plans obtainable from city engr., 405 S city hall annex.

LOS ANGELES, Cal.—Until 10 A. M., Dec. 17, bids will be rec. by Bd. of Pub. Wks. to fur. reinf. conc. pipe with vit. clay lining for section No. 9 of the North Outfall Sewer. Plans obtainable from city engr., 405 S. City Hall Annex.

MORGAN HILL, Santa Clara Co., Cal.—Dec. 12, 8 P. M., bids will be rec. by town trustees to construct sewer system and sewage disposal plant. Est. cost, $50,000. Plan obtainable from C. C. Kennedy, consulting engineer, Cali Bldg., San Francisco.

NEWMAN, Stanislaus Co., Cal.—Until Dec. 26, bids will be rec. by Town Clerk, for fur. and del. 500 ft. 6-in. vit. sewer and small specials in 2 ft. cut. Spec. obtainable from W. R. Sherman, Town Eng., on deposit of $2.

SACRAMENTO, Cal.—The California Highway Commission opened bids on Dec 3rd for highway improvement as follows:

Shasta County, between Redding and Bayha (II-Sha-3-B), about nine and nine-tenths (9.9) miles in length, to be paved with Portland cement concrete.

Fredrickson & Shannon, Fresno	$395,432
Kaiser Pacing Co., Oakland	419,912
Blanco & Taylor, Vallejo	468,002
Twohy Bros., San Francisco	485,964
Isbel Constr. Co., Fresno	553,964

Engineer's estimate, $412,189.

LOS ANGELES, Cal.—Wm. Liddington, 420 E. 60th St., awarded contr. by Bd. Pub. Wks. at $21,907 to imp. 66th St., bet. Vermont and Kansas Aves., involv. grading, $1548 (lump sum); 92,343 sq. ft. oil and roll, 6c ft.; 6696 ft. curb, 62c ft.; 33,919 sq. ft. walk, 18.4c ft.; 14,850 sq. ft. conc. gutter, 29.8c ft.

E. P. Ferry, 828 S. Maryland Ave., Glendale, awarded contr. at $2,660 to imp. Walton Ave., bet. Washington St. and 825.13 ft. n. involv. grading, $350 (lump sum); 16,501 sq. ft. oil and roll, 7.5c ft.; 825 ft. curb, 50c ft.; 1650 sq. ft. concr. gutter, 35c ft.

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, awarded cont. by Bd. Pub. Wks. at $13,206 to imp. Exposition Blvd., betw. Western Ave. and Gramercy Pl., involving grading $1867 (lump sum); 37,341 sq. ft. asph. paving 26c ft.; 210 sq. ft. bitum. base paving 12c ft.; 1347 ft. curb 60c ft; 2703 sq. ft. gutter 26c ft.; 60 ft. hse sewers $1.50 ft.

E. P. Ferry, 828 S Maryland Ave., Glendale, awarded contr. at $12,616 to pave Naomi Ave., bet. 32nd and 38th Sts. involv. grading $530 (lump sum); 1399 sq. ft. cem. conc. paving 25c ft.; 61,983 sq. ft oil and roll 6.5c ft.; 3275 ft. curb 60c ft.; 15,639 sq. ft. walk 22c ft; 7194 sq. ft. gutter 32c ft.

SAN FRANCISCO — State Board of Harbor Commissioners, Ferry Bldg., will expend approx. $30,000 to pave Piers 19 and 25. Frank G. White chief engr. for commission.

LOS ANGELES, Cal. — Martin G. Brkich, 309 Douglas Bldg., awarded contr. by Bd. Pub. Wks. at $11,800 to const. drain complete in Clarence St., bet. 6th St. and Stephenson Ave. Engr's est., $13,891.60.

HOLLISTER, San Benito Co, Cal. — California Concrete Products Co., Sunnyvale, at $4350 submits only bid to city trustees to construct vitrified lateral sewers. Bid taken under advisement.

SANTA MONICA, Cal. — Council declares inten. to imp. Wilshire Blvd. bet. Ocean Ave. and n.e. city limits; grade and pave with 1½-in. warrenite-bitul. surface on 3½-in. asph. conc. base.; const. walks, curb returns, storm drain, etc.; 1911 act. John A. Morton, city engineer.

RENO, Nevada — City council has passed ordinance authorizing $35,000 bond issue, proceeds of sale to finance completion of sewer system. Harry Chism, city engineer.

SAN JOAQUIN COUNTY, Cal.—Harvey M. Toy, chairman of State Highway Commission, announces the following program for highway improvements in San Joaquin Valley: The projects to be completed from the two-cent gas tax revenue include reconstruction of highway from Mossdale school house to Manteca, also reconstruction of several pieces of road from Manteca to Stockton and from Stockton to Sacramento. Other reconstruction plans are in the making for the central San Joaquin Valley section. The commission is arranging for construction at once on Walker Pass Road from end of present road to Democrat Springs. The Pacheco Pass Road will have attention in order to make this a proper road connecting the valley and coast highways.

NAPA, Napa Co., Cal.—R. E. Errington, Napa, at 2176 awarded cont. by Elementary School trustess to grade John L. Shearer school grounds, involv. approx. 32,000 cu. yds. earthwork. Mrs. E. E. O'Brien, Martinez, bid $2752 and Basalt Rock Co., Napa, $3030.

SAN JOSE, Santa Clara Co., Cal—Until Dec. 17, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. following roads:

Agnew rd. in Supervisor Dist. No. 4.

McLaughlin Ave. in Supervisor District No. 2.

Santa Clara and Los Gatos and Santa Cruz rd. in Supervisor District No. 5.

Resurface San Jose and Alviso road in Supervisor District No. 3.

Cert. check 10% payable to clerk req. with each bid. Plans on file in office of County Surveyor Robt. Chandler.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 17, separate bids will be rec. by Bd. Pub. Wks. to const. sections 6, 8, and 9 of the North Outfall Sewer. Plans obtainable from city engr., 405 s city hall annex. H. B. Ferris, secy.

RIVERSIDE, Cal.—Until 10 A. M., Dec. 17 bids will be rec. by supervisors to imp. north and south connection bet. the state and county highways from Engrs. station 0+00 to Engrs. Sta. 32 +21, said connection being about .5 mi. west of Whitewater station, involv. (1) 2231 lin. ft grading and shaping roadbed, 30 ft. wide; (2) 57,050 sq. ft. gravel base, 6-in. deep; (3) 62 lin. ft. 24-in. corr. culvert, including head-walls; (4) 26 lin. ft. 12-in. corr. culvert, including headwalls; (5) 57,050 sq. ft. asph. surfacing. Plans obtainable from county surveyor, A. C. Fulmor on deposit of $5. Cert. chk. 5%. D. G. Clayton, Clk.

ANAHEIM, Cal—Pernell Barnett, 630 E Washington St., Orange, awarded cont. by city trustees at $2409 to cons. san sewer under Job No. 1 (sewer farm line) involv. (1) 1302 ft. 20-in. vit. pipe (2) one manhole.

D. J. Milesovich, Los Angeles, was awarded contr. at $11,053.24 on Job No. 2 (La Palma St. line), involving (1) 5408 ft. 12-in. vit. pipe; (2) 4174 ft. 10-in. vit. pipe; (3) 10 ft. 8-in. vit. pipe; (4) 9 manholes.

SAN LUIS OBISPO, Cal.—Until Dec. 19, bids will be rec. by county supervisors to grade road bet. the highway at Ontario Springs and Avila. Spec. on file in office of county clerk.

STOCKTON, San Joaquin Co., Cal.—Irey and Holden, Lodi, at $5077.50 awarded cont. by supervisors to imp. Walnut Ave.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 17, new bids will be rec. by Bd. Pub. Wks. to const. Sec. No. 4 of the North Outfall Sewer. This section will be 11,487 lin. ft. of monolithic concrete sewer 10 ft. high and 12 ft. wide, laid in an open trench. The walls will be 15 in. thick, with vit. clay block lining. The top of the sewer will be about 8 ft below the surface. Plans obtainable from city engr's office, 405 s city hall annex.

VENICE, Cal.—Sander Pearson, 3847 S Broadway, Los Angeles, awarded contract by city trustees at $17,980.06 to pave Mesmer Ave. and other streets, involv. grading and approx. 4700 sq. yds. 6-in. conc. pavement. W. F. Crawford bid $18,949.76.

POMONA, Cal. — As result of joint meeting of city officials of Pomona, La Verne and Claremont, it is expected that a tri-city sewer will be constructed. A finance committee was named consisting of one councilman from each city, and a construction committee consisting of the city engr. of each city.

MANTECA, San Joaquin Co., Cal. — Street Superintendent F. E. Stetler authorized by city trustees to purchase carload of gravel for street repairs.

SANTA ROSA, Sonoma Co., Cal.—Cty Eng. Geo. Comstock recommends use of oil macadam pavement at intersections of electric and steam lines at Sebastopol Ave.

VERNON, Cal. — City trustees declare inten. to imp. St. Charles Ave. bet Vernon Ave. and Junior St. and portions of other streets; grade and pave with asph. conc.; const. curb and gutter; 1911 act. T. J. Furlong, city clk.

STOCKTON, San Joaquin Co., Cal.—Supervisors petitioned to imp. road between Peters and Milton. Referred to County Surveyor F. E. Quail, for report.

SAN JOSE, Santa Clara Co., Cal. — Until Dec. 15, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Julian St., bet. west city limits and pt 479 ft. from granite monument in Autumn St., involv. grade; pave with 2-in. Warrenite-Bit. surface on 3½-in. Bitulithic cem. conc. base; conc. curbs and gutters; art. stone walks; 1 br. catchbasin; 8-in. vit. drains; 3 cem. conc. inlets with c.i. top, grating and trame; 8-in. vit. pipe drains; 1 br. manhole, 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

OAKLAND, Cal.—Schnoor Bros, Oakland, awarded cont. by council to imp. portions of Excelsior Ave., involving grading, $.025 sq. ft.; cem. walks, $.18 sq. ft.

BERKELEY, Alameda Co, Cal.—City Council, E. M. Hann, clerk, declares inten. to imp. Bateman St., bet. Webster and pt. 440 ft. south involv. grade; const. conc. curb and gutter; const. 6-in. vit. sewers with br. manhole and c. i. cover. 1911 Act and Bond Act 1915. Protests Dec. 18. C. L. Huggins, City Eng.

LOS ANGELES CO., Cal. — State highway comm. will call for bids at once to complete Coast Blvd., bet. Huntington Beach and Corona Del Mar. This stretch will require two bridges, one 150 ft. and the other 420 ft.

CORONADO, Cal.—City trustees declare inten. to imp.

Alley in block 4, Coronado Beach, South Island, bet., B and Adella Aves., grade and pave with cem. conc.

Alley in block 46, Coronado Beach, South Island, bet. 8th and 9th Sts., grade and pace with cem. conc.

HOLLISTER, San Benito Co., Cal. — Calif. Concrete Products Co., Sunnyvale, at $4397 awarded cont. by city trustees to const. lateral sewers.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. n.e. ½ of Lyon Ave., bet. Harrington and Lot 8, Block 17, Boulevard Tract, involv. grade, $.05 sq. ft.; conc. curb, $.75 lin. ft.; conc. gutter, $.30 sq. ft.; oil macadam pave, $.11 sq. ft.; cem. walks, $.18 sq. ft.

SANTA ANA, Cal.—Supervisors will call for bids to be opened Dec. 26, for 2 paving jobs, one for 2.5 mi. on the road leading from the Santa Ana canyon blvd. across the Yorba bridge to the Richfield Yorba highway; the other is the resurfacing of 3 mi. of boulevard bet. Orange and Olive.

SACRAMENTO, Cal.—County Supervisors petitioned to gravel road on back of levee through Pearson District. Referred to Chas. W. Deterding Jr., County Surveyor, for report.

SANTA CLARA, Santa Clara Co., Cal. —Town trustees vote to pave streets with concrete instead of "black material" as was first contemplated. It is proposed to pave all streets in the town.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, declares inten. to imp. 12th St., bet. Kirkham and Wood and portions of Kirkham and Center Sts., adjacent to 12th St., involv. grade and pave; const. curbs and gutters; catchbasins, conduits and manholes, 1911 Act. Protests Dec. 27. W. W. Harmon, City Eng.

VENTURA, Cal.—Until 11 A. M., Dec. 20, bids will be rec. by supervisors to const. asph. macad. pavement on Willow St. and Willard Ave. in Santa Paula, and portion of South Mountain Rd. in 4th Rd. Dist., involv. 58,144 sq. ft. asph. macad; 3634 lin. ft. shaping and rolling; 2500 yds. excav. Cert. chk. 10%. L. E. Hallowell, Clerk.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., San Diego, awarded contr. by council at $27,899 to imp. Robinson Ave. Pennsylvania Ave., 7th and 8th Sts. Other bids were: Calif. Constr. Co., $29,-946.87; Geo. R. Daley, $31,541.46.

Geo. R. Daley, 4430 Boundary St., San Diego awarded cont. to imp. Arizona St. bet. University Ave. and Upas St. at $25,905.10. Griffith Co. bid $26,926.31.

Calif. Constr. Co, Union Bldg, awarded cont. at $34,828 to imp. Hawthorne St., bet. 5th and Atlantic Sts., involv. 1½-in. asph. conc. surface on 2½-in. bitum. base; 4-in. conc. paving; walks; curbs,. corru. iron pipe; reinf. conc. culvert. Griffith Co. bid $38,394.87.

SHASTA COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, on Dec. 18, 2 p. m., to grade and surface with crushed gravel or broken stone 9.9 mi. of highway in Shasta county bet. Bayha and Halfway Creek. Project involv. 401,500 cu. yds. roadway excavation without classification; 134,000 sta. yds. overhaul; 2500 cu. yds. structure excavation without classification; 19,400 cu. yds. crushed gravel or broken stone surface 740 cu. yds. class A Port. cem. concrete (culverts and monuments); 751 hundredweights rein. steel in place; 500 cu. yds. rubble masonry (retaining walls); 4484 lin. ft. 18-in., 1280 lin. ft. 24-in. and 654 lin. ft. 30-in. corrugated metal pipe; 360 monuments. Commission will furnish corrugated metal pipe. R. M. Morton, state highway eng.

SANTA CRUZ, Santa Cruz Co., Cal.—Bonds of $135,000 were voted at recent election to finance paving of Cliff Dr. and replacement of wooden bridges over Branciforte creek on Water St. and Garfield St., with new concrete and steel structures in addition to the construction of a concrete and steel viaduct over Washington St. from Bay to Pacific Ave. and Second St.

SANTA ANA, Cal.—Oglesby & Dahl, 423 Edgewood Rd., Santa Ana, awarded contr. by council at $28,392.31 to const. combination pavement and storm drain on S Flower St., bet. Fairview Ave. and Edinger St. Other bids were: Wells & Bressler, $29,201.38; B. R. Ford $29,522.31.

SAN MATEO, San Mateo Co., Cal.—Concrete Products Co., Sunnyvale, at approx. $2830 awarded cont. by city trustees to const. storm water drain in A St., etc., 15-in. cem. conc. pipe, $2.70 lin. ft.; 12-in. cem. conc. pipe, $237 lin. ft; 15x12-in. wyes, $4.50 ea; manholes, $100 ea; catchbasins, $85 ea; asph. conc (varying depth) $.20 sq. ft. Other bods (approx.): Chambers and DeGolyer, Oakland, $3225; C. J. Lindgren, Burlingame, $2940.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Bonds of $58,000 voted to finance extensions to sewer system. Geo. A. Kneese, city eng.

STOCKTON, San Joaquin Co., Cal.—Until Jan. 7, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of E-Weber Ave. and B St., grade, const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. crushed rock base, 2½-in. asph. conc. base with 2-in. asph. conc. wearing surface; portion of C St., grade; const. comb. conc. curbs and gutters; conc. walks; pave with 4-in. crushed rock base with 2-in. asph. conc. wearing surface. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk. W. B. Hogan, city eng.

SACRAMENTO COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, up to Dec. 17, 2 p. m., to pave with Port. cem. conc. 9-mi. of highway in Sacramento county bet. Old Elk Grove and Sacramento. Project involv. 10,200 cu. yds. roadway excav. without classification; 47,663 lin. ft. subgrade (preparing and shaping); 21,-370 cu. yds. class A Port. cem. conc. (pavement). R. M. Morton, state highway engineer.

REDWOOD CITY, San Mateo Co., Cal —Carlin & Farrar, 180 Jessie St., San Francisco, at $9495 awarded cont. by supervisors to grade San Bruno Ave., from Daly City to San Bruno. Other bids: D. McDonald, Sacramento, $18,-500; San Francisco Motor Drayage Co., $15,900; Chas. Harlow, Jr., $11,900; Guerin Bros., $15,675; J. A. Costello, $16,190; J. P. Holland, $14,650.

NEWPORT BEACH, Cal.—Until 7:30 p. m., Dec. 24, bids will be rec. by City Clerk Alfred Smith, to const. cem. pipe san. sewers, flush tanks, manholes, pumping stations, septic tank, etc. on Balboa Island in Municipal Imp. Dist. No. 3. Plans obtainable from Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles. Cert. chk. or bond 10%. Bonds of $145,000 voted for this work. Bond imp. act of 1915.

OROVILLE, Butte Co., Cal.—Until Dec. 17, 7 p. m., bids will be rec. by J. W. Gibson, city clerk, to imp. portions of Lincoln, Oak, Pine Sts., etc. involv. grading; pave with 1½-in. Warrenite-Bitulithic surface on 2½-in. asph. conc. base; r.w. headers; cem curbs and gutters 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. S. J. Norris, city eng.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 17, bids will be rec. by Bd. Pub. Wks. to imp. under Vrooman act:

Armstrong Ave., bet. 130 ft. n.w .from Edgewater Terrace and Ayr St., involv. 52,516 sq. ft. 5-in. conc. paving, 3510 ft. curb, 14,103 sq. ft. walk.

Alley n.w. of Reno St., bet. 1st and 3rd involv. 8094 sq. ft. 5-in. conc. paving, small storm drain.

Leesdale St., bet. 100 ft. e. of Pacolma Ave. and Hazeltine Ave., involv. 766 ft. curb, 240,015 sq. ft. 6-in. conc. paving, 40 ft. 12-in. cem. pipe culvert, 2 wooden trestle bridges.

Hi-point St., bet. Pico and Airdome Sts., involv. 153,194 sq. ft. oil and roll, 11,183 ft. curb, 56,199 sq. ft. walk, 23,-648 sq. ft. gutter, 60 ft. 12-in. cem. pipe culvert.

Udell Ct., bet. 657 ft. and 107 ft. n.w. of Hyperion Ave., involv. 9842 sq. ft. 6-in. conc. paving, 961 ft. curb, 818 sq. ft. walk, reinf. conc. stairway, san. sewer.

SAN RAFAEL, Marin Co., Cal.—City council, Eugene W. Smith, clerk, plans to improve Cemetery road and Maple and Saunders Aves., under 1911 Act.

MARYSVILLE, Yuba Co., Cal.—J. A. McKinney, Marysville at $529.47 awarded cont. by council to const. conc walks from 5th St. subway to Feather river bridge and at 12th and F Sts.

MONTEREY, Monterey Co., Cal. — City Eng. H. D. Severance instructed by council to prepare spec. to imp. sts. in New Monterey District, the work to be let under two separate contracts. At the Jan. 2 meeting the council will consider the recommendation of the mayor for a bond issue to improve Lighthouse avenue and Alvarado St.

SAN RAFAEL, Marin Co., Cal—County Surveyor J. C. Oglesby preparing spec. to const. 6-mi. of Santa Venetia and San Pedro rd. Estimates being made to imp. county road leading from Novato to Hicks Valley, a distance of approx. 3-mi. from Ryan Gate to junction of Red Hill and Nicasio rd., also for a portion of Black Mountain rd., from end of Sec. 2 to intersection of Pt. Reyes and Tomales rd., a distance of 3 miles.

MARYSVILLE, Yuba Co., Cal.—County Surveyor J. R. Meek completing estimates of cost to improve Comptonville road and Bullards Bar road.

SALINAS, Monterey Co., Cal.—City Eng. Howard Cozzens completes spec. to imp. portions of Main, Market and North Main Sts., est. cost $37,290. M. R. Keef, city clerk.

NEVADA COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, up to Dec. 17, 2 p. m., to grade 7.3 mi. of highway in Nevada county bet. Truckee and Boca. Project involv. 56,650 cu. yds. roadway excavation without classification; 3600 sta. yds. overhaul; 900 cu. yds. structure excavation without classification; 145 cu. yds. class A Port. cem. conc. (culverts and monuments); 69 hundredweights rein. steel in place; 2082 lin. ft. 12-in., 356 lin. ft. 15-in., 598 lin. ft. 18-in., and 220 lin. ft. 24-in. corrugated metal pipe; 220 cu yds. rubble (retaining walls); 158 monuments. Commission will furnish corru. metal pipe. R. M. Morton, state highway eng.

SAN FRANCISCO — Fay Imp. Co., Phelan Bldg., at $5387.50 awarded cont. by Bd. Pub. Wks. to imp. Santiago St., bet. 19th and 20th Sts., involv. 480 lin. ft. conc. curb, $.98; 12,000 sq. ft. asph. conc. pave, $.284; 255 lin. ft. 8-in. sewer $2.74; 115 lin. ft. 12-in. sewer, $3.44; 100 lin. ft. 6-in. side sewer, $1.28; 17 8-in. wye branches, $1; 2 br. manholes $134.

FRESNO, Fresno Co., Cal.—Plans are being prepared by Consulting Engr. Andrew Jensen, Rowell Bldg., Fresno, for the installation of sewers, water mains, paving, etc., for a new residential dist. near Tehama St., Fresno, to be known as "Chandler Acres"; est. cost, $100,000. W. F. Chandler, Fresno, is owner of the property.

HANFORD, Kings Co., Cal. — Until Dec. 17, 5 p. m., bids will be rec. by D. C. Williams, city clerk, to improve Dewey St., bet. Reddington and Irwin Sts., involv. grade; pave with 4-in. bit. base with 1½-in. Warrenite-Bit. surface; cem. curbs and gutters. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Ben. Duffield, city engineer.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—A. Scott, 820 Grand Ave., awarded cont. by city trustees at $6800 to imp. Grand Ave., bet. Chestnut Ave. and Mission rd., involv. const. comb. cem. conc. curb and gutter; cem. conc. walks; br. catchbasins with c. i. curb and cover. Other bids: Grant and Hart, $8191; W. A. Dontanville, $10,265; Chas. J. Lindgren, $7079; G. Wolfe, $7543.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 24, bids will be rec. by Bd. Pub. Wks. to imp. Alvarado St., bet. Glendale Blvd. and Ocean Ave., involv. 28,-574 sq. ft. asph. paving, 447,856 sq. ft. 7-in. conc. paving, 18,559 sq. ft. 6-in. conc. paving, 8000 sq. ft. bitum. paving, 870 ft. curb, 485 sq. ft. gutter, 2412 ft. hse. sewers, storm drain; 1911 act.

OAKLAND, Cal.—Salvatore de Guarda, Oakland, awarded cont. by council to imp. portions of Laurel, Maple Aves, etc. involv. 8-in. vit. sewer, $2.05 lin. ft; manholes, $150 each; 8-in. lampholes, $50 each; 12-in. lampholes, 50 each; drop connection, $10 each; standpipe, $5 each; wye branch, $2 ea; deepen manholes, $35 each; remove existing sewer, $.01 lin. ft.

REDDING, Shasta Co., Cal.—Due to lack of funds, supervisors reject petitions seeking $5000 appropriation to gravel main road traversing Whitmore section to Burney valley and $1500 for road improvements in the Fern section.

You and your support —both are needed

THE battle against tuberculosis is *your* battle. The organized fight against consumption protects you, and makes your community a cleaner, more healthful place to live in.

You support the war upon tuberculosis when you buy Christmas Seals. The life-saving campaign of the Tuberculosis Association is largely financed by the sale of these seals. Protect yourself and help others. Buy Christmas Seals.

Stamp out Tuberculosis with Christmas Seals

THE NATIONAL, STATE, AND LOCAL TUBERCULOSIS ASSOCIATIONS OF THE UNITED STATES

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4429	Breslin	Finigan	15000
4430	Andersen	Owner	4000
4431	Meyer	Owner	16000
4432	Stewart	Martin	1000
4433	Crocker	Owner	4800
4434	Same	Same	4800
4435	Same	Same	4800
4436	Same	Owner	14400
4437	Mullane	Holt	16000
4438	Alderson	Owner	4800
4439	May	Hamerton	6950
4440	Rose	Gould	1000
4441	Realty	Knittle	2447
4442	Dahla	Owner	7000
4443	Brown	Isaacson	8750
4444	O'Brien	Owner	40000
4445	Smith	Owner	8000
4446	Henderson	Owner	2700
4447	May	Hamerton	6950
4448	Sophia	Fontanelia	1985
4449	Kappular	Owner	1000
4450	Bankers	Wegner	20000
4451	Mount	Barrett	280000
4452	McCarthy	McCarthy	6000
4453	Miller	Owner	6000
4454	Anderson	Owner	9000
4455	Hortley	Lundy	1650
4456	Westgate	Papenhausen	18497
4457	Boscus	Lagomarsino	9100
4458	Leigh	Owner	5400
4459	Bear	Owner	2500
4460	Pottet	Elvin	10000
4461	Hall	Owner	1000
4462	City Realty	Cox	4000
4463	Schwerin	Owner	2500
4464	Schmidt	Owner	2000
4465	Halsen	Owner	3000
4466	Clarke	Giotfelter	3500
4467	Britman	Ulrich	6000
4468	Anderson	Meyer	6000
4469	Andrews	Owner	1000
4470	Sixth Ch	Hoffmeyer	13975
4471	Same	Sartorio	3663
4472	Same	Kruse	1101
4473	Same	Gladding	1475
4474	Same	United	853
4475	Same	Alta	586
4476	Same	Goss	848
4477	Otis	Bender	4367
4478	Fitzhugh	Jackson	1330
4479	Johnson	Owner	25000
4480	Callaghan	Battersby	156[illegible]
4481	American	Lindgren	6200
4482	Marion	Owner	42000
4483	Biondi	Owner	16000
4484	Dowling	Owner	6000
4485	Brown	Owner	6000
4486	American	Lindgren	23570
4487	Nelson	Owner	4500
4488	Ham	Owner	280000
4489	Burke	Coburn	1000
4490	Musto	Cahill	14532
4491	Galloway	McCauley	8000
4492	Breslin	Finegan	15800
4493	Champlin	Casty	3000
4494	Bothin	Buschke	30000
4495	Lindsey	Owner	5000
4496	Trevett	Neish	3000
4497	Silverstein	Neish	3000
4498	Shubin	Shubin	1000
4499	Segali	Wesendunk	12000
4500	Pehrson	Owner	6000
4501	Saari	Owner	3000
4502	Wellen	Owner	7000
4503	Levin	Levy	1000
4504	Great Wstrn	Minneapolis	30400
4505	McCarthy	Arnott	4000

APARTMENTS
(4429) SW GUERRERO AND SAN Jose Ave. Two-story and basement frame (4) apartments.
Owner—M. Breslin, 250 5th Ave., San Francisco.
Architect—Jno. J. Foley, 770 5th Ave., San Francisco.
Contractor—J. Finigan, 770 5th Ave., San Francisco. $15,000

DWELLING
(4430) NE TWENTIETH AVE AND Kirkham. One-story and basement frame dwelling.
Owner—Anderson Bros., 1264 Noe St., San Francisco.
Architect—None. $4000

DWELLINGS
(4431) SE THIRTY-NINTH AVE AND Geary and E Thirty-ninth Ave 28-9 57-6 and 86-3 S Geary. Four one-story and basement frame dwlgs.
Owner—Meyer Bros., 603 First Nat'l. Bank Bldg., San Francisco.
Architect—None. $4000 each

ALTERATIONS
(4432) SE VAN NESS AVE AND PINE St. Cut 3 openings in concrete wall and install steel lintel.
Owner — Stewart Speedometer Co., Premises.
Architect—Sylvain Schnaittacher, 233 Post St., San Francisco.
Contractor — Wm. Martin, 180 Jessie St., San Francisco. $1000

DWELLINGS
(4433) N ATHENS 36 and 132 W Cordova. Two one and one-half-story and basement frame dwellings.
Owner — Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $4800 each

DWELLING
(4434) E CORDOVA 58 N Prague. One and one-half-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $4800

DWELLING
(4435) S GENEVA 78 W Athens. One and one-half-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $4800

DWELLINGS
(4436) N NAYLOR 114 W Prague; S NAYLOR 58 and 86 W Prague. three one and one-half-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $4800 each

APARTMENTS
(4437) N EIGHTEENTH 160-6 W Valencia. Two-story and basement frame (8) apartments.
Owner—John F. Mullane, 155 29th St., San Francisco.
Architect—None.
Contractor—O. K. Holt, 3877 26th St., San Francisco. $16,000

ALTERATIONS
(4438) N GEARY 68-3 E Divisadero. Remodel for private garage; rearrange fronts for apartments and other interior changes.
Owner—John W. Alderson, 2178 Geary St., San Francisco.
Architect—None. $4000

DWELLING
(4439) N IRVING 95 W Twenty-seventh Ave. Two-story and basement frame dwelling.
Owner—H. May, 481 Dewey Blvd., San Francisco.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Architect—None.
Contractor — A. C. Hamerton, 481 Dewey Blvd., S. F. $6950

GARAGE
(4440) W LEXINGTON AVE 85 N 18th. One-story frame private garage.
Owner — Henry H. Rose Estate, 345 Capp St., San Francisco.
Architect—None.
Contractor—S. E. Gould, 572 Capp St., San Francisco. $1000

ALTERATIONS
(4441) 528 KEARNY. Install 610 Prane condensation pump and receiver; remove present 3-in. steam line, furnish and connect 4 Empire steam Draps etc. for Grant Union Hotel.
Owner—The Reality & Rebuilding Co., Inc., 631 Market St., S. F.
Architect—None.
Contractor—The Knittle Cashel Co. 224 5th St., San Francisco.
Filed Nov. 30, 1923. Dated Nov. 26, 1923.
Completed and accepted $1835.25
Usual 35 days 611.75
TOTAL COST, $2447
Bond, Sureties, Forfeit, none; Limit, 30 days; Plans and specifications, none.

DWELLINGS
(4442) S BRUNSWICK 128 and 153 E Oliver. Two one-story and basement frame dwellings.
Owner—John Dahla, 430 Crescent Ave., San Francisco.
Architect—None. $3500 each

FRAME FLATS
(4443) S SEVENTEENTH 525 W Clara Two-story and basement frame (2) flats.
Owner—Albert Brown, 288 30th St., San Francisco.
Architect—None.
Contractor—Isaacson & Nylund, 412 Bartlett St., S. F. $8750

APARTMENTS
(4444) S GROVE — W Scott. Three-story and basement frame (12) apartments.
Owner—Jerome E. O'Brien, % Architect
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $40,000

STORE, ETC.
(4445) N GEARY 87-6 W Eighteenth Ave. Two-story frame store and offices.
Owner—Robert H. Smith, 5754 Geary St., San Francisco.
Architect—Wm. Waltson Jr., Burlingame. $8000

DWELLING
(4446) S HYLAND 291-11 E Park Circle. One and one-story and basement frame dwelling.
Owner—J. Henderson, 161 Blake St., San Francisco.
Architect—None. $2700

DWELLING
(4447) N IRVING 95 W Twenty-seventh Ave. Two-story and basement frame dwelling.
Owner—H. May, 481 Dewey Blvd., S F.
Architect—None.
Contractor—A. C. Hamerton, 481 Dewey lvd., San Francisco. $6950

ALTERATIONS
(4448) NO. 1253 MASON. Remodel for basement garage quarters; concrete floor; terrazzo steps.
Owner—Dr. Joseph Sophia, Premises.
Architect—None.
Contractor—Fontanella & Teza, 41 Sheridan St., San Francisco. $1985

ALTERATIONS
(4449) NO. 148 PRECITA AVE. New front for cottage; add 2 rooms and remodel for basement garage.
Owner—J. Kappuler, Premises.
Architect—None. $1000

ALTERATIONS
(4450) NO. 65 GEARY. General alterations and changes for ticket offices for S. P. Co.
Owner—Bankers Invst. Bldg., Geary & Market Sts., San Francisco.
Architect—Engineering Dept. of S. P. Co., 65 Market St., San Francisco.
Contractor—A. Wagner, 180 Jessie St., San Francisco. $20,000

NURSES' HOME
(4451) S SUTTER 163 E Divisadero. Seven-story and basement reinforced concrete nurses' home.
Owner—Mount Zion Hospital, Post and Scott Sts., San Francisco.
Architect—Sylvain Schnaittacher and Samuel Lightner Hyman, 68 Post St. San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $280,000

DWELLINGS
(4452) W TWENTY-THIRD AVE 59 and 84 S Judah. Two one-story and basement frame dwellings.
Owner—John E. and Ethel M. McCarthy, 1479 12th Ave., S. F.
Architect—None.
Contractor—John E. McCarthy, 1479 12th Ave., San Francisco. $3000 ea

DWELLINGS
(4453) E TWENTY-SEVENTH AVE. 225 and 250 S Taraval. Two one-story and basement frame dwlgs.
Owner—Miller & Donaldson, 5637 California St., San Francisco.
Architect—None. $3000 each

DWELLINGS
(4454) E THIRTY-EIGHTH AVE 220, 225 and 250 N Balboa. Three one-story and basement frame dwlgs.
Owner—Fred Anderson, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $3000 each

FRAME BLDG.
(4455) E THIRTY-SIXTH AVE 200 N Ulloa N 25xE 120. All work for one-story frame building.
Owner—Vivian E. Hartley, 959 Market St., San Francisco.
Architect—R. R. Irvine, Call Bldg., San Francisco.
Contractor—A. L. Lundy, 106 11th St., San Francisco.
Filed Dec. 1, '23. Dated Nov. 28, '23.
On execution of agreement....$300.00
Mortgage for 150.00
Frame up 262.50
Plastered 262.50
Completed 262.50
Usual 35 days..... 412.50
TOTAL COST, $1650.00
Bond, $825. Surety, The Aetna Casualty & Surety Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(4456) LOT 5 BLK 14, St. Francis Wood Extn No. 1 and Ptn Lot 4 Blk 14, St. Francis Wood Extn No. 1. All work for two-story and basement frame residence.
Owner—Westgate Park Co., 278 Post St., San Francisco.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Contractor — Henry F. Papenhausen, 532 3rd Ave., San Francisco.
Filed Dec. 1, '23. Dated Nov. 27, '23.
Frame up $1624.25
Brown coated 4624.25
Completed and accepted.... 4624.25
Usual 35 days..... 4624.25
TOTAL COST, $18,497.00
Bond, $9248.50. Sureties, Eugene and Olga Dietlin. Limit, April 1, 1924. Forfeit, $5. Plans and specifications filed.

FLAT BLDG.
(4457) W FIFTH AVE 175 S Clement S 25xW 120. All work for two-story and basement flat building.
Owner—J. M. Boscus, 339 Clement St., San Francisco.
Architect—None.
Contractor—S. Lagomarsino, 213 3rd Ave., San Francisco.
Filed Dec. 1, '23. Dated Nov. 21, '23.
Frame up $2275
Brown coated 2275
Completed 2275
Usual 35 days..... 2275
TOTAL COST, $9100
Bond, $9100. Sureties, Elizabeth Lagomarsino and M. M. Schartt. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(4458) SW CABRILLO AND FORTY-second Ave. Two-story and basement frame dwelling.
Owner—David Leigh, 807 34th Ave., San Francisco.
Architect—None. $5400

DWELLING
(4459) NO. 325 DETROIT AVE. One-story and basement frame dwlg.
Owner—David Bear, 1215 Ocean Ave, San Francisco.
Architect—None. $2500

MACHINE SHOP
(4460) N FOLSOM 250 E Ninth. Two story reinforced concrete machine shop.
Owner—A. Pottet, 110 Sutter St., Room 711, San Francisco.
Architect—Albert J. Fabre and E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—A. Elvin, 180 Jessie St., San Francisco. $10,000

ALTERATIONS
(4461) NO. 24 GEARY. Painting and rearrange counters for restaurant repair basement stairs.
Owner—E. Hall, Premises.
Architect—None. $1000

DWELLING
(4462) SE KIRKHAM AND SIXTH Ave. One-story and basement frame dwelling.
Owner—City Realty Co., 46 Kearny St. San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Franciso. $4000

DWELLING
(4463) W NAPLES 125 N Italy. One-story and basemen frome dwlg.
Owner—H. W. Schwerin, 2851 Clay St., San Francisco.
Architect—None. $2500

DWELLING
(4464) S PRECITA 270 E Coso. One-story and basement frame dwlg.
Owner—John C. Schmidt, 1545 Treat Ave., San Francisco.
Architect—Adolf Schmidt, 1545 Treat Ave., San Francisco. $2000

DWELLING
(4465) W TWENTY-THIRD AVE 125 S Taraval. One-story and basement frame dwelling.
Owner — Halsen & Sioblom, 37 Fair Ave., San Francisco.
Architect—None. $3000

DWELLING
(4466) W TWENTY-THIRD AVE 275 S Taraval. One-story and basement frame dwelling.
Owner—Maud Clarke, 195 Douglas St., San Francisco.
Architect—None.
Contractor—Ira Glotfelter, 195 Douglas St., San Francisco. $3500

DWELLINGS
(4467) S ULLOA 90 W Thirty-second Ave. Two one-story and basement frame dwellings.
Owner—M. A. Britman (Park Realty Co.), San Francisco.
Architect—None.
Contractor—Ulrich & Co., 1273 O'Farrell St., San Francisco. $3000 ea

DWELLINGS
(4468) E FORTY-SEVENTH AVE 275 and 300 S Cabrillo. Two one-story and basement frame dwellings.
Owner—Jonathan Anderson, 423 16th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., San Francisco. $3000 each

ALTERATIONS
(4469) N IRVING 107-6 W Forty-fifth Ave. Move dwelling; concrete foundation and floor; stucco front, etc.
Owner—Jas. A. Andrews, 4320 Irving St., San Francisco.
Architect—None. $1000

BRICK WORK
(4470) SE DIVISADERO AND CLAY — 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Brick work for one-story, mezzanine and basement brick church building
Owner—Sixth Church of Christ Scientist in San Francisco.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., S. F.
Contractor — Hoch & Hoffmeyer, 180 Jessie St., San Francisco.
Filed Dec. 3, '23. Dated Nov. 14, '23.
Work ½ completed.....$5240
Completed and accepted..... 5240
Usual 35 days..... 3495
TOTAL COST, $13,975

Bond, $6988. Sureties, Emily Hock and D. J. Sullivan. Limit, 30 days after notified. Forfeit, $30. Plans and specifications filed.

(4471) REINFORCED CONCRETE work on above.
Contractor—Chas. Sartorio, 180 Jessie St., San Francisco.
Filed Dec. 3, '23. Dated Nov. 14, '23.
Completed and accepted...$2747.25
Usual 35 days.....915.75
TOTAL COST, $3663.00
Bond, $1832. Sureties, C. Bruschera & Stephen I. Guerin. Limit, as fast as possible. Forfeit, $30. Plans and specifications filed.

(4472) MILL WORK, ETC., ON above.
Contractor — J. H. Kruse, 23rd and Shotwell Sts., San Francisco.
Filed Dec. 3, '23. Dated Nov. 14, '23.
Mill work delivered at job.....$825
Usual 35 days..... 275
TOTAL COST, $1101
Bond, $550. Sureties, O. C. Christensen and J. M. Geary. Limit, as fast as possible. Forfeit, $30. Plans and specifications filed.

(4473) CORDOVA ROOFING TILE ON above.
Contractor — Gladding, McBean Co., Crocker Bldg., San Francisco.
Filed Dec. 3, '23. Dated Nov. 14, '23.
Completed and accepted.....$1106.25
Usual 35 days..... 368.75
TOTAL COST, $1475.00
Bond, $738. Sureties, Geo. R. Chambers and F. C. Davis. Limit, as fast as possible. Forfeit, $30. Plans and specifications filed.

(4474) SHEET METAL WORK ON above.
Contractor—United Sheet Metal Wks., 330 10th St., San Francisco.
Filed Dec. 3, '23. Dated Nov. 14, '23.
Completed and accepted $639.75
Usual 35 days..... 213.25
TOTAL COST, $853.00
Bond, none. Limit, as fast as possible. Forfeit, $30. Plans and specifications filed.

(4475) FELT AND GRAVEL ROOFing, hot coating fire walls and under roofing on above.
Contractor—Alta Roofing Co., 570 Waller St., San Francisco.
Filed Dec. 3, '23. Dated Nov. 14, '23.
Completed and accepted.....$439.50
Usual 35 days..... 146.50
TOTAL COST, $586.00
Bond, none. Limit, as fast as possible. Forfeit, $30. Plans and specifications filed.

(4476) PLUMBING ON ABOVE.
Contractor—Wm. P. Goss, 4640 Geary St., San Francisco.
Filed Dec. 3, '23. Dated Nov. 14, '23.
Completed and accepted.....$636
Usual 35 days..... 212
TOTAL COST, $848
Bond, none. Limit, as fast as possible. Forfeit, $30. Plans and specifications filed.

OFFICE BLDG.
(4477) SW BEACH AND GRANT AV W 275xS 137-6. All work for composition roofing for office and factory building.
Owner—Otis Elevator Co., Premises.
Architect—None.
Contractor—J. W. Bender Roofing & Paving Co., Monadnock Bldg., San Francisco.
Filed Dec. 3, '23. Dated Nov. 27, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $4367
Bond, $2184. Surety, National Surety Co. Limit, none. Forfeit, none. Plans and specifications filed.

SIDEWALK DOORS
(4478) NE POWELL AND POST N 137-6xE 162-9. All work for sidewalk doors for ten-story and basement office building.
Owner—Wm. M. and Mary E. Fitzhugh
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—P. H. Jackson & Co., 237 First St., San Francisco.
Filed Dec. 3, '23. Dated Nov. 20, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1330

Bond, $665. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(4479) S BAY 156 W Franklin. Three-story and basement frame (12) apartments.
Owner—Axel A. Johnson, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $25000

ALTERATIONS
(4480) NW FIFTEENTH & NATOMA. Alter flats; electric work; patent flues, etc.
Owner—Mrs. J. Callaghan, Premises.
Architect—A. G. Rizzoli, 2897 Folsom St., San Francisco.
Contractor—G. M. Battersby & Co., 2706 Mission St., San Francisco. $1500

STORAGE PLANT
(4481) BLOCK BDED BY ILLINOIS, Third, 20th and 22nd Sts. One-story concrete, steel and brick oil storage plant.
Owner—American Can Co., Mills Bldg., San Francisco.
Architect—None.
Contractor — Lindgren & Swinerton, Standard Oil Bldg., S. F. $6200

APARTMENTS
(4482) NE LARKIN AND PINE STS. Three-story and basement frame (12) apartments.
Owner—Marian Realty Co., 1171 Market St., San Francisco.
Architect—D. C. Coleman, 1151 Market St., San Francisco. $42,000

APARTMENTS
(4483) E MASON 60 S Green. Two-story and basement frame (4) apartments.
Owner—S. Biondi, 738-A Green St., San Francisco.
Architect—L. Traverso, 854 Union St., San Francisco. $16,000

FRAME FLATS
(4484) E TWENTY-FOURTH AVE 118-6 S Balboa. Two-story and basement frame (2) flats.
Owner—J. F. Dowling, 271 Russ Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $6000

DWELLINGS
(4485) W TWENTY-FIRST AVE 125 and 150 S Irving. Two one-story and basement frame dwellings.
Owner—S. E. Brown, 1434 6th Ave., San Francisco.
Architect—None. $3000 each

GARAGE
(4486) SE TWENTIETH & ILLINOIS Sts. One-story brick, steel and tile private garage.
Owner—American Can Co., Mills Bldg., San Francisco.
Architect—None.
Contractor — Lindgren & Swinerton, Standard Oil Bldg., San Francisco. $23,570

DWELLING
(4487) E WAWONA 78-4 S Ulloa. Two-story and basement frame dwelling.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

Owner—Fernando Nelson & Sons, Inc., 2 West Portal Ave., S. F.
Architect—None. $4500

APARTMENTS
(4488) NW LEAVENWORTH AND Sutter. Ten-story and basement Class A (94) apartments.
Owner—L. E. Ham, 110 Sutter St., San Francisco.
Architect—A. J. Horstman, 110 Sutter St., San Francisco. $280,000

ALTERATIONS
(4489) NO. 2901 FOLSOM. Shinglo roof; plastering ceilings; painting, tinting and papering for flats.
Owner —, Mary Burke, 180 Jessie St. San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $1000

ADDITION
(4490) N DERBY 82-6 E Taylor E 35 xN 60. All work for addition to two-story and basement building for garage.
Owner—Joseph Musto Estate Co., % Architect.
Architet—Frederick H. Meyer & Albin R. Johnson, 742 Market St., S. F.
Contractor—Cahill Bros., Sharon Bldg., San Francisco.
Filed Dec. 4, '23. Dated Nov. 28, '23.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $14,532
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(4491) LOT 6 BLK 19 Forest Hill Addition. All work for two-story frame residence.
Owner—W. W. and F. Galloway, 1336 Willard St., San Francisco.
Architect—A. C. Griswank, Call Bldg., San Francisco.
Contractor—McCauley & Weber, 1152 Shotwell St., San Francisco.
Filed Dec. 4, '23. Dated Nov. 17, '23.
Enslosed $1500
Rough motor on..... 1500
Completed 1500
Usual 35 days..... 1500
Deed of trust to contractor.... 2000
TOTAL COST, $8000
Bond, $4000. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, $1.50. Plans and specifications filed.

FRAME BLDG.
(4492) SW GUERRERO AND ARMY W 67-2xS 26-6. All work for two-story frame building.
Owner—M. Breslin, 250 5th Ave., S. F.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—J. Finegan, 3344 Army St., San Francisco.
Filed Dec. 4, '23. Dated Nov. 24, '23.
Frame up.....$3950
Brown coated 3950
Completed and accepted..... 3950
Usual 35 days..... 3950
TOTAL COST, $15,800
Bond, $7900. Sureties, David Bernie and Susan Finagan. Limit, 120 days Forfeit, none. Plans and specifications filed.

DWELLING
(4493) N OCEAN AVE 94 W Otsego. One-story and basement frame dwelling.
Owner—C. V. Champlin, 4861 Mission St., San Francisco.
Architect—A. W. Richardson, 941 Church St., San Francisco.
Contractor—John Casty & Son, 180 Jessie St., San Francisco. $3000

WAREHOUSE
(4494) SW BRANNAN AND RITCH. Two-story reinforced concrete light manufacturing and warehouse building.
Owner—Bothin Real Estate Co., 26 Montgomery St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor — Buschke & Brown, 180 Jessie St., San Francisco. $30,000

DWELLING
(4495) W ALVISO 52 S Estero. One-story and basement frame dwlg.
Owner—John R. Lindsay, 315 Granada St., San Francisco.
Architect—None. $5000

DWELLING
(4496) S FELTON 25 W Berlin. One-story and basement frame dwlg.
Owner — E. Trevett, 2471 San Bruno Ave., San Francisco.
Architect—James G. Neish, 726 Sunnydale Ave., San Francisco.
Contractor—James G. Neish, 726 Sunnydale Ave., S. F. $3000

DWELLING
(4497) SW FELTON AND BERLIN. One-story and basement frame dwelling.
Owner—L. Silverstein, 2471 San Bruno Ave., San Francisco.
Architect—James G. Neish, 726 Sunnydale Ave., San Francisco.
Contractor—James G. Neish, 726 Sunnydale Ave., S. F. $3000

DWELLING
(4498) W MISSOURI 25 N Twenty-third. One-story and basement frame dwelling.
Owner—Polly Ann Shubin, 877 Rhode Island St., San Francisco.
Architect—None.
Contractor—Wm. Shubin, 877 Rhode Island St., S. F. $1000

FLATS
(4499) N CHESTNUT 100 W Franklin. Two-story and basement frame (2) flats.
Owner—Mrs. Louise Segali, 824 Lombard St., San Francisco.
Architect—A. A. Wesendunk.
Contractor—A. A. Wesendunk, 1747 Dolores St., San Francisco. $12,000

DWELLINGS
(4500) NE NEWTON 75 and 100 SE Morse. Two one-story and basement frame dwellings.
Owner—B. Pehrson, 133 Bertita St., San Francisco.
Architect—None. $3000 each

RESIDENCE
(4501) S AUGUSTA 75 E Boutwell. One-story and basement frame residence.
Owner—S. Saari, 155 Brussels St., San Francisco.
Architect—None. $3000

FRAME FLATS
(4502) N ANZA 32-6 E Ninth Ave. Two-story and basement frame (2) flats.
Owner—A. M. Wallen, 1253 Waller St., San Francisco.
Architect—O'Brien Bros., Inc., 315 Montgomery St., S. F. $7000

ALTERATIONS
(4503) SW CLEMENT AND NINTH Avenue. Erect stud partition covered with plaster board in stores; other carpentry work, etc.
Owner — Samuel H. Levin, Chronicle Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Jules Levy. $1000

SHOP BLDGS
(4504) SE FOLSOM & SPEAR S 275 275 N 137-6 W 137-6 N 137-6 th to Folsom St W 137-6 to beg Furnishing and erecting structural steel for shop bldgs. wash bldg. and garage and machine shop bldg.
Owner—The Great Western Smelting & Refining Co.
Architect—Morrow & Garren, Chronicle Bldg.; Engineer, Henry Dewell, Call Bldg., San Francisco.
Contractor — Minneapolis Steel & Machinery Co.
Filed Dec. 5, 1923. Dated Sept. 27, 1923
10th each month 75%
Usual 35 days 25%
TOTAL COST, $30,400
Bond, Sureties, Forfeit, none; Limit 100 days after receipt of checked drawings
Plans and specifications filed.

BUNGALOW
(4505) W JULES AVE 200 S De Montford Ave. S 25 x W 112-6 Lot 39 Blk 26 Lakeview. All work for 5-room bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor — James Arnott & Son, 235 Granville Way, S. F.
Filed Dec. 5, 1923. Dated Nov. 20, 1923.
30 days after frame up.....25%
30 days after brown coated.....25%
30 days after comp. & accepted..25%
Usual 35 days 25%
TOTAL COST, $4000
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Nov. 30, 1923—S CALIFORNIA bet. Montgomery and Kearny frontage 142-6 m or l. California Market Co to whom it may concern...Nov. 28, 1923

Nov. 30, 1923—LOT 23 BLK 11, St. Francis Wood. Herbert G and Della Flook to John Morton.....Nov. 28, 1923

Nov. 30, 1923—W FRANKLIN 25 S Francisco. Joseph R Jacques to Elmer Carlson.....Nov. 12, 1923

Nov. 30, 1923—W FRANKLIN 37-6 S Chestnut 25x100. Saverio Gneri to V Filippio.....Nov. 26, 1923

Nov. 30, 1923—N SUTTER 137-6 W Scott W 87-6xN 164. Peter Bradley and J E Connell to Meyer Bros.....Nov. 24, 1923

Nov. 30, 1923— W THIRTY-SIXTH Ave 250 S Anza S 150xW 120. Nat Schmulowitz to G Devincenzi.....Nov. 26, 1923

Nov. 30, 1923—SW CLEMENT AND Thirty-second Ave S 100xW 25. Jno H Musso to Rosario Faratoro.....Nov. 30, 1923

Dec. 1, 1923—LOT 15 BLK 3174; Lot 20 Blk 3190, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Nov. 28, 1923

Dec. 1, 1923—E POLK 50 S Chestnut S 50xE 68-9. Jennie Perry to The Helbing Co.....Dec. 1, 1923

Dec. 1, 1923—N SIXTEENTH 120 E Sanchez. Frank Kalley to W L Gott.....Oct. 26, 1923

Dec. 1, 1923—E FAXON AVE 125 S Grafton Ave S 25 E 112-6 Lot 24 Blk 20, Lakeview. The McCarthy Co to James Arnott & Son..Nov. 26, 1923

Dec. 1, 1923—SW BEACH & GRANT Ave W 275xS 137-6. Otis Elevator Co to M B McGowan...Nov 27, 1923

Dec. 1, 1923—LOT 21 BLK 20, St. Francis Wood Extn No. 2. Henry F Pagenhausen to whom it may concern.....Dec. 1, 1923

Dec. 1, 1923—LOT 10 BLK 2840 Forest Hill. Aug J Lang Jr to whom it may concern.....Nov. 30, 1923

Dec. 1, 1923—S SUTTER 217-6 E Montgomery E 57-6 S 119-4½ m or 1 SW 71-10½ N 159-8⅞. Provident Securities Co to J E O'Mara Co.....Nov. 20, 1923

Dec 1, 1923—EAST END LOT on N Geary 38 W Parker Ave. F D Harter to G F Ahl.....Dec. 1, 1923

Dec. 1, 1923—SE GREENWICH AND Van Ness Ave. G R Puckett to H D Hogetc & Son.....Nov. 15, 1923

Dec. 3, 1923—S MONTEREY BLVD. 25 E Balboa Terrace E 75x191.76. Ernest F and Matilde S Wuthmann to Taylor & Jackson...Nov. 24, 1923

Dec. 3, 1923—SW REVERE AVE 40 NW Ingalls SW 100xNW 35. Domenico Greco or Grego to whom it may concern.....Nov. 22, 1923

Dec. 3, 1923—W FOURTEENTH AV 88 S Anza S 25x102; W 14th Ave 93 S Anza 25x102; W 14th Ave 43 S Anza 25x102. P J Phelan to whom it may concern.....Dec. 1, 1923

Dec. 3, 1923—NO. 7935 GEARY. Geo B Schirmer to W H Upham.....Dec. 1, 1923

Dec. 3, 1923—COM AT PT. on 22nd 130 E Guerrero E 25xN 114. Frank Tiesso to whom it may concern.....Oct. 15, 1923

Dec. 3, 1923—E TWENTY-FOURTH Ave 60 S Cabrillo S 25xE 82-6. H O Lindeman to W R Lindeman.....Dec. 3, 1923

Dec. 3, 1923—E TWENTY-FOURTH Ave 35 S Cabrillo S 25xE 82-6. H O Lindeman to W R Lindeman.....Dec. 3, 1923

Dec. 3, 1923—W TWENTY-FOURTH Ave 100 and 125 N Fulton N 25x W 120. Ada T Hinkel to whom it may concern.....Nov. 26, 1923

Dec. 3, 1923—LOT 470 Gift Map No. 1. Gus Johnson to whom it may concern.....Nov. 15, 1923

Dec. 3, 1923—NW EDINBURGH 200 SW Peru Ave SW 25xNW 100 Ptn Lot 7 Blk 34, Excl Hd. R D and Nellie Snowden to Henry Erickson.....Nov. 26, 1923

Dec. 3, 1923—NW FULTON AND Masonic Ave. W R Voorhies to whom it may concern....Dec. 1, 1923

Dec. 3, 1923—E THIRTY-FIFTH AV 25 S Lincoln Way S 75 E 132-6 N 100 W 30 S 25 W 162-6. J H Kruse and F L Dettman to R H Kelly.....Nov. 30, 1923

Dec. 3, 1923—N AVALON AVE 25 W Madrid 25x75. Bertha Gronholz to Woodworth Wetherd..Dec. 1, 1923

Dec. 3, 1923—LOTS 104 TO 107 in H A Blk 67 bded by Lexington, 19th, San Carlos and 20th Sts. Pacific Gas & Electric Co to Hermann Bosch, Nov. 23; W Heidt Cornice Works.....Nov. 26, 1923

Dec. 4, 1923—E THIRTY-SIXTH AVE 175 N Fulton 25x120. Chas Smith to whom it may concern..Dec. 4, 1923

Dec. 4, 1923—NW FELL & PIERCE 33-6x112-6. P Midbust to whom it may concern.....Dec. 4, 1923

Dec. 4, 1923—W PIERCE 111 N Fell 26x112-6. P Midbust to whom it may concern.....Dec. 4, 1923

Dec 4, 1923—SW QUESADA AVE 225 NW Lane NW 25xSW 100. Teresa Andrade to R F Cassidy and Philip H Crimmins.....Nov. 30, 1923

Dec. 4, 1923—SE EIGHTH AVE AND Balboa. John Murphy to whom it may concern.....Nov. 2, 1923

Dec. 4, 1923—S SUTTER 217-6 E Montgomery E 57-6 S 119-4½ m or 1 SW 71-10½ N 158-9⅞ m or 1 to beg. Provident Securities Co to Wm F Wilson Co and C J Hillard Co.....Nov. 15, 1923

Dec. 4, 1923—E TWENTY-FIFTH AV 325 N Fulton N 25xE 120. Bryan Feerick to whom it may concern.....Dec. 4, 1923

Dec. 4, 1923—W MARCELA AVE 180 N Pacheo N 100x100 m or l. F Monson to whom it may concern.....Dec. 3, 1923

Dec. 5, 1923—LOT 41 BLK 23, Crocker Amazon Tct. Crocker Estate Co to whom it may concern..Nov. 26, 1923

Dec. 5, 1923—E GRANADA AVE 375 N Holloway Ave N 25xE 112-6 Lot 21 Blk 9, Lakeview. Jefferson D and Dora Burke to H Olsen.....July 21, 1923

Dec. 5, 1923—W CLAREMONT BLVD 100 N Ulloa 30x100. John J Binet to whom it may concern.....

Dec. 5, 1923—NO. 60 SANSOME occupying 97x97 at SE Cor. Bush and Sansome. The Continental Ins Co and The Fidelity Phoenix Fire Ins Co. of N. Y. to The Dahlstrom Metallic Door Co.....Dec. 3, 1923

Dec. 5, 1923—SE McCOPPIN AND Stevenson 27-6 on McCoppin and 85 on Stevenson. George Neumiller to S Vannucci Bros.....Dec. 3, 1923

Dec. 5, 1923—N CALIFORNIA 82-6 W Tenth Ave 25x100. Elizabeth Peterson to whom it may concern.....Dec 1, 1923

Dec. 5, 1923—NW FIFTH AVE AND Kirkham. Chas Monson to whom it may concern.....Dec. 1, 1923

Dec. 5, 1923—E WHEELER AVE 239 N Bay Shore Ave N 32xE 100 Ptn Blk 12 Crocker Bay Shore Tract. Crocker Estate Co to whom it may concern.....Nov. 26, 1923

Dec. 5, 1923—LOTS 21 AND 28 BLK 19, Crocker Amazon Tract. Crocker Estate Co to whom it may concern .....Nov. 26, 1923

Dec. 5, 1923—E TWENTY-SIXTH AV 225 S Taraval 25x120. Frances G Quevedo to Edw O Johnson.....Dec. 4, 1923

Dec. 5, 1923—N CHENERY 50.01 E Lippard E 25x75 Ptn Lot 18 Blk 6739 Add'n to Mission and 30th Sts. Extn Hd. Crocker Estate Co to whom it may concern...Nov. 26, 1923

Dec. 5, 1923—N CHENERY 25.01 E Lippard E 25x75 Ptn Lot 17 Blk 6739 Addn to Mission & 30th Sts. Extn Hd. Crocker Estate Co to whom it may concern..Nov 26, 1923

Dec. 5, 1923—NO. 42 GRANADA AV. Anton S Carr to Johnson & Erlendsev .....

Dec. 5, 1923—SW CABRILLO AND Forty-fifth Ave W 40xS 100. David Leigh and Benj. Schnaier to whom it may concern.....Dec. 5, 1923

Dec. 5, 1923—NE EIGHTEENTH AVE and Fulton N 50xE 32-6. Emma J Hammill to whom it may concern.....Dec. 5, 1923

Dec. 5, 1923—LOT 7 BLK 37, Crocker Amazon Tract. Crocker Estate Co to whom it may concern..Nov. 26, '23

Dec. 5, 1923—E FORTY-SIXTH AV 100 N Cabrillo N 25xE 120. David Leigh to whom it may concern.....Dec. 5, 1923

Dec. 5, 1923—S BDY. LINE MIRANDA Grant with W Lyon W 92.07 N 277.87 E 57-9 S 279.84. Carlo Matraia to E Sugarman, Nov. 30, 1923; Morrison & Conow, Nov. 27, 1923; Owen I McHugh..Nov. 27, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Dec. 1, 1923—N CHESTNUT 112-6 E Gough E 25xN 137-6. Acme Lumber Co vs Sadie and Achille Raghlanti and F S Johnson.....$926.19

Dec. 1, 1923—E TWENTIETH AVE 25 N Kirkham N 50xE 95. Great Western Supply Co vs Kohler Plumbing Co and Charles and Christian Anderson.....$176.66

Dec. 1, 1923—E GRANADA AVE 125 S Grafton Ave S 25xE 120. Reinhart Lumber & Planing Mill Co vs Thorr Jacobson, J Johnson and L Erlandson $194.88

Dec. 4, 1923—LOT 47 BLK 15, Lakeview. S Mariani & Sons vs Annie M and L J Ginder and John R Morrison $100.49

Dec. 4, 1923—NW LAIDLEY AND Harry N 26-4 W 101-8¾ S 25 E 110. F N West vs John H and Bertha Benham and George M Merritt Bldg Co, Inc $135

Dec. 4, 1923—SW VALLEJO AND Franklin W 120xS 50. Progressive Tile & Mantel Co vs Frank I and Alma L O'Connell.....$219.65

Dec. 4, 1923—W SECOND AVE 225 N Clement W 120xN 25. Wm Kuchlanz vs Henry Lyons, R Waram and Mrs. Ray Abrams..$175

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Nov. 29, 1923—W NINETEENTH AV 25 N Ortega W 100xN 25 No. 1891 19th Ave. M G Peak to M Brown and wife $100

Nov. 30, 1923—E THIRTY-SECOND Ave 200 N California N 25xE 120. M Stulsaft Co to Matthew W and Elizabeth HcCarthy, B W Demarlas, Frank Kohler, Kohler Plumbing & Heating Co.....$66.50

Nov. 30, 1923—S CLEMENT 206 E Thirty-eighth Ave E 33.34xS 110. M Stulsaft Co to Alton R Lapham Frank Kohler and Kohler Plumbing & Heating Co.....$167.14

Dec. 1, 1923—W FRANKLIN 62-6 S Chestnut S 25 x W 100. M. G. Peek, Christenson Lumber Co., Uhl Bros., G. R. Jackson & Sons, Richards Hardwood Lumber Co., Pioneer Plate & Window Glass Co. to C. D. Delmarter and Mrs. Lillie Risdon....

Dec. 1, 1923 — E FRANKLIN 65 S Chestnut. Waterfront Sash & Door Co. to L. D. Delmartier .....

Dec. 3. 1923—W SEVENTEENTH AV 137-4 S Lake 28x120. The Greater City Lumber Co to Annie L Russell and Wm Davis (as Davis Repair Co) $437.05

Dec. 4, 1923—E FORTY-FIFTH AVE 270 S Geary — 30xE 111. Mike Hontalas to Theodore Christensen...$225

Dec. 4, 1923—E TWENTIETH AVE 325 N Geary N 25xE 120. Eagle Electric Co to Hamilton & Costello and Josephine Melbourne.....

Dec. 4, 1923—W SEVENTEENTH AV 175 N Fulton W 120xN 25. Wm M Buick to G E Watson.....

Dec. 5, 1923—W WOOD 296-8 N Geary N 25-3xW 120. Wm Wade to Natale Carrara and A C Bennett.. .....$145

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Dec. 1, 1923—NO. 415 GRANT AVE. Rebecca Susmann et al as to improvements on property.....

Dec. 3, 1923—SW JESSIE & FOURTH Henrietta Stark et al as to improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
5645	de Normandie	Martin	4000
6546	Ruttel	Owner	2000
5647	Lapham	Owner	3000
5648	Healy	Sommarstrom	18735
5649	Woodburn	Owner	6000
5650	Davison	Norris	2000
5651	Rice	Owner	4500
5652	Rowe	Knowles	30000
5653	Reeves	Owner	2000
5654	Richardson	Same	3000
5655	Hales	Owner	11000
5656	Olive	Owen	6500
5657	Amer. Constr.	Owner	5000
5658	Stolzenberg	Petersen	11850
5659	S. P. Co.	Hopkins	1380
5660	Medgley	Rose	1933
5661	Stone	Claus	2900
5662	Dunn	McWethy	25000
5663	Stone	Owner	7800
5664	City	Olson	14000
5665	Heeseman	Leiter	81237
5666	Nye	Beckett	1000
5667	Werner	Owner	2500
5668	Russell	White	1000
5669	Merritt	Owner	6000
5670	Davidson	McKaller	3200
5671	Bonds	Owner	12000
5672	Ackerman	Owner	2000
5673	Lofgram	Lofgram	7000
5674	Draper	Owner	1750
5675	Potter	Orton	1750
5676	Cotton	Owner	3500
5677	Nessen	Nelson	5000
5678	Richards	Meyer	5000
5679	Rwelt	Mauer	1000
5680	Gross	Owner	3500
5681	Adams	Mauer Co.	1500
5682	Bakker	Owner	6000
5683	Russo	Wright	3225
5684	Comstock	Paul	3750
5685	Eckhardt	Knight	—
5686	Morris	Vaughn	1000
5687	Herman	Owner	6000
5688	Jewett	Owner	3000
5689	Bramlage	Owner	4200
5690	Hill	Bramlage	3750
5691	Hill	Bramlage	4250
5692	Andersen	Owner	3750
5693	Dunn	Owner	5600
5694	Johnson	Owner	3250
5695	General	Foundation	3500
5696	Flaig	Owner	3650
5697	Porter	Owner	3000
5698	Schmid	Owner	1600
5699	Lidell	Owner	3000
5700	Watson	Owner	2750
5701	Hart	Owner	1600
5702	Tomlinson	Owner	11250
5703	Zone	Oakley	5200
5704	Alder	Owner	3000
5705	Barney	Owner	1000
5706	Granholt	Sherwood	6500
5707	Knust	Borden	2500
5708	Harins	MacGregor	4850
5709	Harms	MacGregor	14650
5710	Foryes	Meyers	4000
5711	Steffen	Todd	3993
5712	Elde	Boerner	1550
5713	Spillman	Van Ness	2700
5714	Clark	Heiney	5994
5715	Gray	Holmes	3400
5716	Bunker	Brower	2000
5717	Jamison ...	Engler	1400
5718	Ellison	Owner	9000
5719	Hinch	Owner	3200
5720	Brown	Owner	7000
5721	Brown	Owner	6000
5722	Correia	Owner	3300
5723	Hawer	Noble	3600
5724	Marshall	Owner	1800
5725	Hufschmidt	Owner	15800
5726	Stringer	Sommarstrom	5600
5727	Farwell	Johnson	17735
5728	Canty	Wise	3200

OLGA HERZ

Public Stenographer
Multigrapher and Translator

ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH

Confidential Service
Quality
Punctuality
Economy
Estimates Furnished

402 and 404 First National Bank Building

Phone Garfield 946
San Francisco

DWELLING
(5645) NO. 1332 McGEE, Berkeley. One-story 5-room dwelling.
Owner—Harold de Normandie, 1136 Sutter St., Berkeley.
Architect—None.
Contractor—Roy V. Martin, 1616 25th Ave., Oakland. $4000

DWELLING
(5646) NW COR. C ST. & ELMHURST Ave., Oakland. 1-story 4-rm dwlg.
Owner—Jos. Ruttel, premiscs.
Architect—None. $2000

DWELLING
(5647) W EIGHTIETH AVE. 320 N Alder St., Oakland. 1-story 5-room dwelling.
Owner—F. Lapham 2451 61st Ave, Oakland.
Architect—None. $3000

STORES & LOFT
(5648) E FRANKLIN 50 N 11th St., Oakland. 2-story class C stores and loft.
Owner — Healy Bros. Co., 19th and Broadway, Oakland.
Architect—None.
Contractor — M. F. Sommarstrom, 778 E-17th St., Oakland. $18,735

DWELLING
(5649) 1085 LAKESHORE AVE., Oakland. 1-story 6-room dwelling.
Owner—Paul E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. $5000

DWELLING
(5650) 4159 MASTERSON ST., Oakland. 1-stery 4-room dwelling.
Owner—D. A. Davison.
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. $2000

DWELLING
(5651) S MEDFORD RD. 286 E Athol, Oakland. 1-story 5-room dwelling.
Owner—Rice Bros., 170 27th Ave., San Francisco.
Architect—None. $4500

OFFICES
(5652) NE COR. MOSS AVE & HOWE St., Oakland. 2-sto. physicians offices.
Owner—Drs. Rowe & Swett.
Architect—None.
Contractor — Wm. Knowles, Central Bank Bldg., Oakland. $30,000

DWELLING
(5653) 2619 OCTAVIA ST., Oakland. 1-story 4-room dwelling.
Owner—R. E. Reeves, 1805 37th Ave., Oakland.
Architect—None. $2000

DWELLING
(5654) E PROCTOR AVE. 200 N Florence St., Oakland. 1-story 4-room dwelling.
Owner — L. A. Richardson, 130 Moss Ave., Oakland.
Architect—None.
Contractor—R. Richardson, 130 Moss Ave., Oakland. $3000

DWELLING
(5655) W SPRUCE ST. 180 N Cleveland, Oakland. 1-story 16-room dwelling.
Owner—H. W. Haler, 559 16th St., Oakland.
Architect—None. $11,000

FLATS
(5656) 67 & 67A SANTA CLARA, Oakland. 2-story 10-room flats.
Owner—J. Olive.
Architect—None.
Contractor—L. Owen, 3630 High St., Oakland. $6500

DWELLING
(5657) 5532 VESTA ST., Oakland. 1-story 6-room 2-family dwelling.
Owner—American Const. Co., 1422 14th Ave., Oakland.
Architect—None. $5000

AUTO BUILDING
(5658) SW E-FOURTEENTH ST. AND SE Pomona Ave. SE 50 SW 100, Oakland. 1-story brick, tile & conc. mill constructed auto sales and service building.
Owner—H. Stolzenberg, Larkspur.

Architect—C. N. Burrell, American Bk. Bldg., Oakland.
Contractor—Peter Petersen, 1252 Sherman, Alameda.
Filed Nov. 28, 1923. Dated Nov. 28, 1923.
Masonry up to scaffold ht. ..$1777.50
Walls up to truss seat..... 1777.50
Roofing completed 1777.50
Glass set 1777.50
Completed and accepted 1777.50
Usual 35 days 2962.50
TOTAL COST, $11,850
Bond, Sureties, Forfeit, none; Limit, 45 days; Plans and specifications filed.

PAINT
(5659) BANKS OF OAKLAND ESTUARY, Oakland. Paint 3 high tension towers.
Owner—S. P. Co.
Architect—None.
Contractor—G. Stevens and T. A. Hopkins, 5693 Keith, Oakland.
Filed Nov. 30, 1923. Dated Nov. 10, 1923.
Each month 75%
Usual 35 days 25%
TOTAL COST, $1380
Bond, $1380; Sureties, Globe Indemnity Co.; Forfeit, none; Limit 60 days; Plans none; Specifications filed.

ALTERATIONS
5660) 510 FIFTEENTH ST., Oakland. Alterations.
Owner—The Midgley Co.
Architect—None.
Contractor—A. H. Rose, 525 17th St., Oakland. $1933

DWELLING
(5661) S PIPPIN ST. 95 W Apple St., Oakland. 1-story 4-room dwelling.
Owner—E. B. and A. L. Stone, Claus Spreckels Bldg., S. F.
Architect—None. $2900

APARTMENTS
(5662) SW COR. FORTIETH AND Grove Sts., Oakland. 2-story stores and apts. 6 stores and 7 apts.
Owner—F. M. Dunn, 910 Telegraph Ave Oakland.
Architect—None.
Contractor—McWethy & Greenleaf 2910 Telegraph Ave., Oakland. $25,000

DWELLINGS
(5663) E ONE HUNDRED THIRD AV. 203 300 N Royal Ann., Oakland. 2 1-story 5-room dwellings.
Owner—E. B. & A. L. Stone.
Architect—None. $3900 each

ADDITION
(5664) SANTA CLARA & GRAND AV., Oakland. 2-story brick addition to school.
Architect—None.
Contractor — Alfred Olson, 631 Viona Ave., Oakland. $140,000

STORE BLDG.
(5665) NW COR. THIRTEENTH AND Clay N 37¼ W 40-10¼ N 2-1¼ W 60-2⅝ S 39-1½ E 101⅞, Oakland. All work for three-story and basement addition to brick and steel store building.
Owner—C. J. Heeseman, 15th & Washington Sts., Oakland.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.
Contractor—E. T. Leiter & Sons, Call Bldg., San Francisco and West St., Oakland.
Filed Nov. 30, '23. Dated Nov. 30, '23.
Oun 1st day of each month.... 75%
Usual 35 days..... 25%
TOTAL COST, $81,237
Bond, $40,618.50. Surety, Globe Indemnity Co. Limit, 125 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(5666) 3132 COLLEGE AVE., Berkeley Alterations.
Owner—N. P. Nye, premises.
Architect—None.
Contractor—J. P. Beckett. $1000

DWELLING
(5667) 1402 DWIGHT WAY, Berkeley. 1-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2500

DWELLING
(5668) 841 PAGE, Berkeley. 1-story 3-room dwelling.
Owner—E. H. Russell, 383 63rd St., Berkeley.
Architect—None.
Contractor—Thos. R. White, 3892 35th Ave., Oakland. $1000

DWELLING.
(5669) S ALMA AVE., 700 E Excelsior, Oakland. Two-story, 6-room dwelling.
Owner—S. F. Merritt, 11th and Oak streets, Oakland.
Architect—None. $6000

DWELLING.
(5670) SE COR. LOGAN and Twenty-seventh Ave., Oakland. One-story 5-room dwelling.
Owner—Jas. A. Davidson, 3507 Rhoda, Oakland.
Architect—None.
Contractor—H. T. McKallor, 3707 Midvale, Oakland. $3200

APARTMENTS.
(5671) E ACTON PLACE 75 E Lester Ave., Oakland. Two-story (14 room) apartments.
Owner—M. S. Bonds, 3258 Grove St., Oakland.
Architect—L. F. Hyde, 372 Hanover Ave., Oakland. $12000

DWELLING.
(5672) 4900 DAISY ST., Oakland. One-story 4-room dwelling.
Owner—John Ackerman, 229 11th St., San Francisco.
Architect—None. $2000

FLATS.
(5673) N DAISY ST., 400 E Tompkins, Oakland. Two-story, (12 rooms) flats.
Owner—N. J. Lofgran, 4925 Daisy St., Oakland.
Architect—None.
Contractor—A. E. Lofgran, 4925 Daisy St., Oakland. $7000

DWELLING.
(5674) 1642 EIGHTY-SECOND AVE., Oakland. One-story 3-room dwelling.
Owner—John Draper, 2036 E 21st St., Oakland.
Architect—None. $1750

ADDITION.
(5675) 5540 FOOTHILL BLVD., Oakland. Addition.
Owner—G. Potter, premises.
Architect—None.
Contractor—A. E. Orton, 2558 Seminary Ave., Oakland. $1750

DWELLING.
(5676) 1324 FIFTY-EIGHTH AVE., Oakland. One-story 4-room dwelling.
Owner—Cotton Bros., 3824 39th Ave., Oakland.
Architect—None. $3500

DWELLINGS.
(5677) 3860, 3866 WHITTLE AVE., Oakland. Two 1-story 4-room dwellings.
Owner—J. P. Nessen, premises.
Architect—None.
Contractor—John Nelson, 1388 81st Ave, Oakland. $2500 each.

STORE & APTS.
(5678) E GROVE 107 N Thirty-second St., Oakland. One-story stores and 2 apartments.
Owner—A. A. Richards.
Architect—None.
Contractor—A Meyer, 3139 Ellis St., Berkeley. $5000

REPAIRS.
(5679) 4175 HOWE ST., Oakland. Fire repairs.
Owner—Raymond Rivelt, 4132-B Howe St., Oakland.
Architect—None.
Contractor—Geo. G. Mauer. $1000

DWELLING.
(5680) E HIGHLAND AVE., 90 N E-24th St., Oakland. One-story 5-room dwelling.
Owner—Henry B. Gross, 2105 92nd Ave., Oakland.
Architect—None. $3500

REPAIRS.
(5681) 4171 HOWE ST., Oakland. Fire Repairs.
Owner—Robt. Lee Adams.
Architect—None.
Contractor—Geo. J. Mauer Co., 177 Ridgway, Oakland. $1500

DWELLINGS.
(5682) NE COR. HOPKINS & Peralta, Oakland. Two one-story 5-room dwellings.
Owner—De Yong & Bakker, 2462 Wilbur St., Oakland.
Architect—None. $3000 each.

ALTERATION & ADDITION.
(5683) 606 THIRTY-THIRD ST., Oakland. Alteration and addition.
Owner—A. Russo, premises.
Architect—None.
Contractor—C. L. Wright, 1919 Grove St., Berkeley. $3225

DWELLING.
(5684) E WOODRUFF 45 S E-Thirty-eighth St., Oakland. One-story 5-room dwelling.
Owner—T. F. Comstock, 892 45th St., Oakland.
Architect—None.
Contractor—B. M. Paul, 954 Hilldale Berkeley. $3750

APARTMENTS
(5685) W KINGSLEY AVE. 131 & 171 N Hopkins being S 30 Lot 17, all Lot 18 Map East Oakland Heights, Oakland. 2 2-story 16-room apts. and 6 garages.
Owner—E. W. Eckhardt, 3539 Kingsley, Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Dec. 3, 1923. Dated Nov. 25, 1923. Payments not given.
TOTAL COST, 10%
Bond, Sureties, Forfeit, none; Limit, 90 days after mud sills laid; Plans and specifications filed.

ALTERATIONS
(5686) 1901 HEARST, Berkeley. Alterations.
Owner—Miss Morias, premises.
Architect—None.
Contractor—W. T. Vaughn, 65 Sequoia Ave., Oakland. $1000

DWELLING
(5687) 1840 MARIN, Berkeley. 2-story 6-room dwelling.
Owner—J. H. Herman, 811 Carmel Ave., Berkeley.
Architect—None. $6000

DWELLING
(5688) 1406 SCENIC, Berkeley. 1-story 5-room dwelling.
Owner—H. N. Jewett, 1817 Hearst Ave., Berkeley.
Architect—None. $3000

DWELLING
(5689) 905 SPRUCE ST., Berkeley. 1-story 6-room dwelling.
Owner—E. D. Bramlage.
Architect—W. A. Doctor. $4200

DWELLING
(5690) 1741 VINE ST., Berkeley. 1-sto. 5-room dwelling.
Owner — Mrs. H. E. Hill, 1650 Solano, Berkeley.
Architect—W. A. Doctor.
Contractor—E. D. Bramlage, 1572 Capistrano Ave., Berkeley. $3750

DWELLING
(5691) 1749 VINE ST., Berkeley. 1-sto. 6-room dwelling.
Owner — Mrs. H. E. Hill, 1650 Solano, Berkeley.
Architect—W. A. Doctor.
Contractor—E. D. Bramlage, 1512 Capistrano Ave., Berkeley. $4250

DWELLING
(5692) 640 VINCENTE AVE., Berkeley 1-story 6-room dwelling.
Owner—H. C. Andersen, 937 Snyder Av. Berkeley.
Architect—None. $3750

DWELLINGS
(5693) W EIGHTY-THIRD AVE. 240 & 280 N Olive St., Oakland. Two 1-story 4-room dwellings.
Owner—Bertha E. Dunn, 1601 Central Ave., Alameda.
Architect—None. $2800 each

DWELLING
(5694) S E-THIRTIETH ST. 175 W 21st Ave., Oakkland. 1-sto. 5-room dwelling.
Owner—Ben H. Johnson, 3146 Bona St., Oakland.
Architect—None. $3250

CARPENTER SHOP
(5695) 5441 E-FOURTEENTH ST., Oakland. 1-story carpenter shop.
Owner—General Elec. Co., premises.
Architect—None.

Contractor — The Foundation Co., 58 Sutter St., S. F. $3500

DWELLING
(5696) E EIGHTY-FIRST AVE. 140 S Plymouth, Oakland. 1-story 6-room dwelling.
Owner—Phil Flaig, 944 E-14th St., Oakland.
Architect—None. $3650

DWELLING
(5697) 1504 HAVENSCOURT BLVD., Oakland. 1-story 04-room dwlg.
Owner—John Porter, 1396 81st Ave., Oakland.
Architect—None. $3000

DWELLING
(5698) E ONE HUNDREDTH AVE. 50 S Walnut, Oakland. 1-story 4-room dwelling.
Owner—Albert J. Schmid, 1426 Valencia St., S. F.
Architect—None. $1600

DWELLING
(5699) 6054 OUTLOOK AVE., Oakland 1-story 4-room dwelling.
Owner—J. A. Lidell, 2469 63rd Ave., Oakland.
Architect—None. $3000

DWELLING
(5700) 3027 SIXTIETH AVE., Oakland. 1-story 5-room dwelling.
Owner—Leo Watson, 1452 55th Ave., Oakland.
Architect—None. $2750

DWELLING
(5701) 962 SEVENTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner—Fred A. Hart, premises.
Architect—None. $1600

DWELLINGS
(5702) 3322 3328 3334 STUART ST., Oakland. 3 1-story 4-room dwlgs.
Owner—Tomlinson & Silver, 3770 Park Blvd., Oakland.
Architect—None. $3750 each

DWELLING
(5703) 2451 SIXTY-SECOND AVE., Oakland. 1-story 5-room dwelling.
Owner—A. Zone.
Architect—None.
Contractor—Oakley & Kolmodin, 1911 65th Ave., Oakland. $5200

DWELLING
(5704) W SIXTY-SECOND AVE. 120 S Fortune Way, Oakland. 1-story 4-room dwelling.
Owner—A. Alder, 570 Athol Ave., Oakland.
Architect—None. $3000

ALTER & ADDITION
(5705) 1050 SIXTIETH ST., Oakland. Alteration and addition.
Owner—N. C. Barney, premises.
Architect—None. $1000

DWELLING
(5706) N STANFORD AVE. 300 E San Pablo, Oakland. 1-story 8-room 2-family dwelling.
Owner—Chas. Granholt, 1045 59th St., Oakland.
Architect—None.
Contractor—F. E. Sherwood 937 Evelyn Ave., Oakland. $6500

DWELLING
(5707) 2116 SIXTY-FOURTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Knust & Borden, 5836 Foothill Blvd., Oakland.
Architect—None.
Contractor—F. W. Borden. $2500

DWELLING
(5708) 680 CALMAR AVE., Oakland. 1-story 6-room dwelling.
Owner—Frona P. Harms, Hotel Harrison, Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $4850

DWELLINGS
(5709) 638 642 646 VIONA AVE., Oakland. 3 1-story 6-room dwlgs.
Owner—Frona P. Harms, Hotel Harrison, Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $4950 $4850 $4850

STORE & DWLG.
(5710) S VIRGINIA COR. COURTland, Oakland. 1-story 5-room store and dwelling.
Owner—A. Foryes.
Architect—None.
Contractor—W. J. Myers, 3214 High St., Oakland. $4000

DWELLING
(5711) NO. 1615 ARCH ST. BEING Lot 3 Blk 5 Daley Scenic Park, Berkeley. Foundations, brick, carpenter, lath and plaster, tile for 1-story hollow tile dwelling.
Owner—Clara Van Ness Steffen, prem.
Architect—George W. Cantrell.
Contractor — I. L. Todd, 1036 Santa Clara Ave., Alameda.
Filed Dec. 4, 1923. Dated Nov. 20, 1923.
First floor joists laid $748
Walls completed 748
Lathed 748
Completed and accepted 749.50
Usual 35 days 1000
TOTAL COST, $3993.50
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

ALTERATIONS
(5712) SE COR. THIRTY-FOURTH & Galindo Aves., SE 80 Lot 33 Map Fruitvale Glen, Oakland. Alterations.
Owner—Josephine & Andrew F. Eide, 1723 Fruitvale Ave., Oakland.
Architect—None.
Contractor—Frank Boerner, 2929 Foothill Blvd., Oakland.
Filed Dec. 4, 1923. Dated Nov. 19, 1923.
Bldg moved .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $1550
Bond, Sureties, Forfeit, none; Limit, 40 days; Plans and specifications filed.

DWELLING
(5713) NO. 1416 PACIFIC AVE., Alameda. One-story 4-room dwelling.
Owner — Le Vonne M. Spillman, 1618 Benton St., Alameda.
Architect—None.
Contractor—Lester Van Ness, 3551 Wilson St., Oakland. $2700

CHIMNEY
(5714) FOURTH ST. AND PACIFIC Ave., Alameda. Concrete chimney.
Owner—N. Clark & Son, Premises.
Architect—None.
Contractor—The Heiney Chimney Co., Claus Spreckels Bldg., San Francisco. $5994

DWELLING
(5715) NO. 1109 WILLOW ST., Alameda. One-story 4-room dwlg.
Owner—Mrs. Spencer Gray, 2071 San Jose Ave., Alameda.
Architect—None.
Contractor—A. S. Holmes, 357 12th St., Oakland. $3400

ADDITION
(3716) NO. 1551 WEBSTER ST., Alameda. Addition.
Owner—W. B. Bunker, Syndicate Bldg., Oakland.
Architect—None.
Contractor—C. F. Brower, 709 34th St., Oakland. $2000

ADDITION
(5717) NO. 1920 YOLO, Berkeley. Addition.
Owner—Edgar Jamison, Premises.
Architect—None.
Contractor—Louis Engler, 2940 Forest Ave., Berkeley. $1400

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING
(5718) 1177 & 1183 BAY VIEW AVE., Oakland. 2 1-story 5-room dwlgs.
Owner—E. Ellison, 645 Mariposa Ave., Oakland.
Architect—None. $4500 each

DWELLING
(5719) 3435 DIMOND AVE., Oakland. 1-story 5-room dwelling.
Owner—E. M. Hinch, 414 15th St., Oakland.
Architect—None. $3200

DWELLINGS
(5720) 1427 & 1435 E-THIRTY-SIXTH St., Oakland. 2 1-story 6-room dwellings.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3500 each

DWELLINGS
(5721) 1423 & 1431 E-THIRTY-SIXTH St., Oakland. 2 1-story 5-room dwellings.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000 each

DWELLING
(5722) E EIGHTY-SECOND AVENUE, 200 N Plymouth, Oakland. 1-story 5-room dwelling.
Owner—Correia & Chappell, 2700 25th Avenue, Oakland.
Architect—None. $3300

DWELLING
(5723) 2027 FIFTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Jack Hawer, 516 E-18th St., Oakland.
Architect—None.
Contractor—G. H. Noble, 1336 Park St., Alameda. $3600

ADDITION
(5724) 319 ONE HUNDRED FIFTH Ave., Oakland. Addition.
Owner—M. Marshall, premises.
Architect—None. $1800

DWELLINGS
(5725) 4145 4151 4157 4163 SHAFTER Ave., Oakland. 4 1-story 5-room dwellings.
Owner—Hufschmidt & Whalen, Federal Bldg., Oakland.
Architect—None. $3950 each

GARAGE
(5726) E WEBSTER ST. 100 N 29th St., Oakland. 1-story tile garage.
Owner—A. M. Salinger, 1125 Broadway, Oakland.
Architect—None.
Contractor — Sommarstrom Bros., 306 14th St., Oakland. $5600

STORES
(5727) LOTS 9, 10, 11, BLK 78 KELlersbergers Map of Oakland. All work for 1-story class C stores.
Owner—Melvin O. Farwell, 435 Van Dyke, Oakland.
Architect—A. W. Smith, 1243 Park, Oakland.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland.
Filed Dec. 5, 1923. Dated Nov. 19, 1923.
Side & rear walls 14 ft. high..$4415
Roof on 4440
Contract awarded 4440
Usual 35 days 4440
TOTAL COST, $17,735
Bond, $9000; Sureties, John A. Sandin and Aaron Dahlquist; Bonus, $5 day; Limit, 70 days; Plans and specifications filed.

DWELLING
(5728) LOT 1 BLK 12 MAP RESUBdivision Blks 7, 10, 11, 12, 13, 14 & Port. Blk 16 Rock Ridge Terrace, Oakland. All work for 1-sto. frame dwelling and garage.
Owner—Mary E. Canty, 5161 Coronado, Oakland.
Architect—None.
Contractor—M. F. Wise, 3248 Chestnut St., Oakland.
Filed Dec. 5, 1923. Dated Nov. 23, 1923.
Frame up .....¼
Ready for plaster .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $3200
Bond, $1600; Sureties, U. S. Fidelity & Guaranty Co.; Forfeit, none; Limit, 90 days from Nov. 25; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Nov. 30, 1923—LOT 28 BLK "K" Map 4th Ave Terrace, Oakland. J L Monk to whom it may concern.....Nov. 19, 1923

Nov. 30, 1923—LOT 17 BLK 6, Map Steinway Terrace, Okd. Edward B Jordan to Theo C Casha.Nov. 19, 1923

Nov. 30, 1923—NE SIXTY-SECOND and Avenal Aves 40x110, Oakland. W S Kepple to whom it may concern.....Nov. 30, 1923

Nov. 30, 1923—W SHATTUCK AVE from Parker St. to Carlton St., Berkeley. John W Havens by Jas W Plachek to National Roofing Co .....Nov. 28, 1923

Nov. 30, 1923—(1) FOURTH AND Webster; (2) Seventh and Webster, Oakland. Southern Pacific Co with Hutchinson Co.....Nov. 23, 1923

Nov. 30, 1923—(12 ELLSWORTH ST. and Bancroft Way; (2) Durant St; (3) Dwight Way, Berkeley. Southern Pacific Co to Hutchinson Co... .....Nov. 24, 1923

Nov. 30, 1923—NO. 3027 FRUITVALE Ave., Oakland. J Drost to whom it may concern.....Nov. 28, 1923

Nov. 28, 1923—NO. 586 KENWYN RD. Oakland. Philip Duval to whom it may concern.....Nov. 24, 1923

Dec. 1, 1923—TTN LOT 20 BLK "D" Map Portion Berkeley Property bet U. C. and State Deaf, Dumb and Blind Asylum, Berkeley. Alfred W Wavey to Monson Bros..Nov. 30, 1923

Dec. 1, 1923—LOTS 21 AND 22 BLK L-2363 Hemphill Tract, Oakland. Anna C Smith to U M Laing..... .....Nov. 20, 1923

Dec. 1, 1923—S TWENTY-EIGHTH 241 9 Telegraph Ave, Oakland. E W and Isabel G Martin to M I Diggs .....Dec. 1, 1923

Dec. 1, 1923—LOT 19 Map Lake Shore Extension Tract, Oakland. Zeta Arnold Fraters to J W Gaba..... .....Nov. 30, 1923

Dec. 1, 1923—N FORTIETH 100 E Market E 45xN 128. Oakland. John A Banks to California Builders Co. .....Nov. 27, 1923

Dec. 3, 1923—LOT 20 BLK 16 RESUBdivision Broadmoor, San Leandro. J. P. Cummins & L. J. White to Oakland Home Builders Co..... .....Dec. 3, 1923

Dec. 3, 1923—LOT 21 BLK 16 RESUBdivision Broodmoor, San Leandro. J. P. Cummins & J. L. White to Oakland Home Builders Co. ....Dec. 3, 1923

Dec. 3, 1923—WOOLSEY & ADELINE Sts., Berkeley. S. P. Co. to Hutchinson Co. .....Nov. 28, 1923

Dec. 3, 1923—S FORTETH ST. bet. Grove and West Sts., 247-4 x 100, Oakland. D. W. & Johanna M. Fraser to Harry C. Knight..... .....Nov. 28, 1923

Dec. 3, 1923—S SAN ANTONIO AVE. 104 W Hawthorne, Alameda. Julius J. Grodem to whom it may concern .....Dec. 3, 1923

Dec. 3, 1923—5421 FLEMING AVE., Oakland. A. E. Orton to whom it may concern .....Nov. 30, 1923

Dec. 3, 1923 — 1568- SEVENTY-eighth Ave, Oakland. Ellen M. Kerr to M. A. Stewart .....Dec. 3, 1923

Dec. 3, 1923—LOT 3 BLK 8 HAVENScourt Tract, Oakland. Frieda F. and Fred J. Krieger to Wm. H. Sims .....Dec. 1, 1923

Dec. 3, 1923—PORT LOT 7 BLK 19 Map Oakland Central Homestead Oakland. V. G. Paoli to H. Elmer Johnson to whom it may concern.. .....Nov. 30, 1923

Dec. 3, 1923—W SHATTUCK AVE. from Carlton St. to Parker St., Berkeley. Johns W. Havens by James W Plachek to Herbert Beckwith .....Dec. 3, 1923

Dec. 3, 1923—N ALAMEDA AVE 36 W Chestnut St. W 36 N 90, Alameda. Lester M. Frier to Conrad Roth .....Nov. 14, 1923

Dec. 3, 1923—1311 CHESTNUT ST., Alameda. Miss A. M. Bacon to Conrad Roth .....Nov. 10, 1923

Dec. 3, 1923—LOT 21, BLK 9 MAP Berkeley Heights, Berkeley. John H Jessup to whom it may concern. .....Dec. 2, 1923

Dec. 3, 1923—1115 & 1119 SPRUCE ST. Berkeley. Eugene B. & Laura V. Klyce to G R Heath & G. H. Wendt .....Oct. 20, 1923

Dec. 3, 1923—LOT 6 BLK 1 MAP NO. Cragmont, Berkeley. N. L Norton to G. R. Heath & G. H. Wendt..... .....Nov. 28, 1923

Dec. 4, 1923—LOT 10 BLK 1. Amended Map Thousand Oaks Court, Berkeley. Frank Huefner to whom it may concern.....Dec. 3, 1923

Dec. 3, 1923—N SAN JOSE AVE 173 E Grand N 150xE 50, Alameda. Herbert S and Thelma McCormick to whom it may concern.Nov. 15, 1923

Dec. 4, 1923—NO. 6009 ALVARAD Court, Oakland. Margaret Naylor to Aug Hendrickson.....Dec. 1, 1923

Dec. 4, 1923—E MOUND ST. 91.58 S Santa Clara Ave S 40xE 117.54, Alameda. Cyril Williams Jr to Charles Froling.....Nov. 24, 1923

Dec. 4, 1923—NO. 1218 106TH AVE., Oakland. Nathaniel Thorne to whom it may concern....Dec. 4, 1923

Dec. 4, 1923—W EIGHTY-SCEOND Ave 120 S Birch 40x125, Oakland. Gus Lundgren to whom it may concern.....Dec. 3, 1923

Dec. 4, 1923—NO. 1101 AND 1105 Cottage St., Oakland. Mary R Smith to Leo L Nichols...Dec. 1, 1923

Dec. 4, 1923—PTN 116 SE OF SE OF Seventy-fifth Ave and SW Rudsdale St. SE 100xSW 40, Oakland. Contractors Exchange to whom it may concern.....Nov. 26, 1923

Dec. 4, 1923—PT 36 SE OF SE 75th Ave and SW Rudsdale St. SE 100x SW 40, Oakland. Contractors Exchange to whom it may concern.. .....Nov. 26, 1923

Dec. 4, 1923—PT 76 SE OF SE 75th Ave and SW Rudsdale St. SE 100x SW 40, Oakland. Contractors Exchange to whom it may concern... .....Nov. 26, 1923

Dec. 4, 1923—SE SEVENTY-FIFTH Ave and SE Rudsdale St. SE 100x SW 36, Oakland. Contractors Exchange to whom it may concern... .....Nov. 26, 1923

Dec. 4, 1923—NO. 1461 104TH AVE., Oakland. Geo Otto Bierly to whom it may concern.....Aug. 1, 1923

Dec. 4, 1923—NE 100 LOT 5 BLK 3, Map Subdivision NE Ptn Sather Tract, Oakland. D M Heagerty to Geo Smith.....Dec. 1, 1923

Dec. 3, 1923—SW MOUND & MADISON Sts., Alameda. Callie Buck to Howard Williford.....Dec. 3, 1923

Dec. 3, 1923—N HAIGHT AVE., bet. Linden and Sixth Sts., Alameda. West End Building Assn to Howard Williford.....Nov. 23, 1923

Dec. 3, 1923—LOT 35 BLK 1, Berkeley Square, Berkeley. J Harry Smith to whom it may concern..Dec. 3, 1923

Dec. 5, 1923—LOTS 14, 15, 16, 17, 18, 19, 20, 21, 22 and 23 Blk 86 Complete Map of Oakland by Julius Kellersberger, Oakland. Hebern Electric Code, Inc to whom it may concern Dec. 1, 1923; Ne Page, McKenny Co.....Dec. 1, 1923

Dec. 5, 1923—E BROADWAY 55 N Twelfth N 45xE 100, Oakland. The Oakland Bank to Mangrum & Otter Inc.....Dec. 1923

Dec. 5, 1923—NO. 1251-53 THIRTY-eighth Ave., Oakland. Alfred H White to whom it may concern.. .....Dec. 4, 1923

Dec. 5, 1923—LOTS 21 AND 22 BLK 18 Resubdivision Hollywood, Oakland. G. R. Blasingame to whom it may concern.....Dec. 3, 1923

Dec. 5, 1923—E BROADWAY 220 N Ridgeway Ave N 60xE 122, Oakland. Henry Nicolaus to whom it may conern.....Dec. 5, 1923

Dec. 5, 1923—NE MAPLE AVE AND Hopkins E 50xN 100, Okd. Henry Nicolaus to whom it may concern.. .....Dec. 5, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Nov. 30, 1923—LOT 21 BLK 7, Claremont, Berkeley. F E Allen vs Mrs H C Purcell.....$271.80

Nov. 30, 1923—SW E-TWENTY-eighth and SE Eleventh Ave SE 120 xSW 55, Oakland. William OConnell (Atlas Roofing Co) vs Margarite M and Herachio R Anonos, George M Merritt Building Co. Inc., and George M Merritt.....$137

Nov. 30, 1923—PTN LOT 4 BLK 5 Valla Lot, Berkeley. F E Allen vs Laura M Ridings.....$1146.24

Dec. 1, 1923—N HOLLYWOOD AVE 111 W Park Blvd., Oakland. W S Cooper vs W M Holton and Pete Della Vedova $30

Dec. 1, 1923—LOTS 9, 10 & 11 Santa Fe Tract being N Hayes 150 E 62nd Ave., Oakland. E L Blackman Co vs Emma Johnson.....$815.65

Dec. 1, 1923—N HOLLYWOOD AVE 111 W Park Blvd., Oakland. S G Peterson vs P Dela Vedowa and W M Holton $641

Dec. 3, 1923—W WEBSTER ST. 195 N Merrimac St. N 40 W 99.05, Oakland. F. Cammack vs. Julia Stevens $205

Dec. 3, 1923—1715 HIGH ST., OAKland. Ralph H. Hargadine vs. Jennie Etta Ralston & C. H. Graham $75

Dec. 5, 1923—NO. 806 EUCLID AVE, Berkeley. Burr & Sons vs J D White and Mrs. C W Leonard.$317.89

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Nov. 26, 1923—LOT 10 BLK "L" Melrose Acres, Oakland. W J Schmidt to F W Gardner ea al $75.50

Nov. 20, 1923—NE FORTY-THIRD & Grove E 90xN 50, Oakland. C M Larkin to T P and Dora Fay and Rowena Heald.....$175

Dec. 4, 1923—S WENTWORTH AVE and NW Fifty-fifth Ave W 69.55 S 70 NE 105.29, Oakland. Sunset Lumber Co to Anna Neuman et al $57.85

Dec. 4, 1923—SW FIFTY-FIFTH & Wentworth Aves, Oakland. Henry Cowell Lime & Cement Co to F P Swansick and S McDowell.....$31.45

Dec. 4, 1923—E DURANT AND HOLlis; NE Durant Ave and Hollister Court, San Leandro. F Lindsey Boyd to S V Davidow & Co and R E Neikirk $150

Dec. 3, 1923—NW THIRTY-NINTH Ave 60 SW Santa Rita St. SW 39x NW 120, Oakland. F C Miller to Christian Johnson, Mary Johnson, Ernest C and Alice M Sydes.....$75

Dec. 5, 1923—PTN LOT 39 Map Crocker Highlands, Oakland. Wm J Giacometti to Henrietta S Clarke $51.90

Dec 5, 1923—LOT 8 BLK "G" Map Iveywood, Oakland. Frank J Leonadro to Louie Roderick.....$60

Dec. 5, 1923—NE 20 LOT 29 and NW 20 Lot 30 Blk 12 Boulevard Park, Oakland. G A Johnson to F A Loretz and E I Lundberg....$1016.99

Notice of Non-Responsibility

ALAMEDA COUNTY

Dec. 3, 1923—NW THIRTEENTH & Harrison Sts. W 100xN 50, Oakland. A B and Elizabeth E Cary, Charles H and Marina A Hale as to improvements on property.....

Dec. 5, 1923—NO. 3068 BROADWAY, Oakland. Grace L Smith as to improvements on property.....

Dec. 4, 1923—LOTS 4 AND 5 BLK 2 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....

OAKLAND BUILDING TOTALS FOR NOVEMBER

Classification of Bldgs.	No. of Permits	Cost
1-st dwellings	315	$ 874,345
1-st 2-family dwlgs....	7	41,050
1-st 4-family dwlgs....	1	11,000
1-st dwelling & store..	3	9,000
2-story dwellings.....	11	84,043
1½-story dwellings....	4	18,700
2-st flats	2	10,500
2-st flats & stores.....	1	9,800
2-story apartments....	10	144,500
2-st apmnts & stores...	1	25,000
3-story apartments....	1	40,000
1-story stores.....	6	18,500
1-story church	3	26,800
1-story office.....	4	1,950
1-story club.....	1	1,000
1-story laboratory.....	1	2,730
1-story shop.....	1	11,000
1-story office & factory	1	4,000
1-story warehouse.....	1	3,000
2-story offices.....	1	30,000

1-st tile stores.....	1	2,000
1-story tile garage.....	6	10,400
1-story tile dwelling...	2	6,000
1-story tile shop.....	1	900
2-story stores & offices.	1	15,000
2-st concrete addition..	1	12,108
2-st conc garage & hall	1	149,000
2-st cons dwlg & office..	1	30,000
2-st conc school.....	1	214,442
2-st conc office bldg....	1	50,000
1-story brick factory...	2	30,500
1-story brick stores....	1	7,000
1-story brick storeroom	1	5,000
1-story brick garage...	2	2,215
1-st brick boiler house	1	3,000
1 & 2-st brick factory..	1	26,500
2-st brick apartments.	1	14,000
2-st brick stores&offices	1	40,000
2-st brick stores & loft	1	18,735
1-st brick & tile wrehse	1	6,752
2-st brick & tile stores	1	7,000
2-st brk & conc office & store	1	50,000
Brick addition.....	4	11,570
1-st stl service station	1	1,250
1-st stl comfort station	1	150
1-st garages & sheds...	307	78,223
Electric signs.....	52	19,425
Roof signs.....	2	2,800
Tank frame.....	1	400
Additions	107	83,692
Alterations & repairs...	161	71,582
Total	1041	$2,336,472

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

DWELLING and garage, $6500; No. 3226 Huntington Blvd., Fresno; owner, W. C. Blaney; contractor, C. E. Millholen, 2133 Kearn St., Fresno

DWELLING, $3000; No. 1620 Tuolumne St., Fresno; owner, F. Latone; contractor, Yager & Holson.

CHURCH, $5000; No. 3157 Grant Ave., Fresno; owner, M. E. Church South contractor, E. E. Homer.

ADDITIONS and alterations, $2500; 830 Van Ness Ave., Fresno; owner, Melvin Smith; contractor, E. J. Farr, 245 Fortheamp, Fresno.

SERVICE STATION, $2500; Divisadero and H Sts., Fresno; owner, Union Oil Co., Divisadero and Roosevelt, Fresno.

DWELLING, $2500; 305 Tuolumne St., Fresno; owner, Mike Basso; contractor, Toney Cerone.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, one-story 5-room and garage, $3900; No. 2116 24th St., Sacramento; owner, W. S. Todd, 1812 H St., Sacramento; contractor, J. A. Pausback, 1722 J St., Sacramento.

DWELLING, one-story 5-room and garage, $4250; No. 641 San Miguel Way, Sacramento; owner, P. H. Lelk, 1509 25th St., Sacramento; contractor, N. H. Bateman, 3933 11 St., Sacramento.

DWELLING, one-story 5-room and garage, $2600; No. 3608 38th St., Sacramento; owner, Mabel Woerner, 3510 12th Ave., Sacramento.

DWELLING, one-story 6-room and garage, $7800; No. 2920 25th St., Sacramento; owner, F. E. Hostetter, Dunn & Frazier Co.; contractor, Coleman & Holmes, 2624 35th St., Sacramento.

DWELLING, two-story 2-flat 5-room and garage, $10,000; No. 1109 38th St., Sacramento; owner, Fred Bottano, 7th and O Sts., Sacramento; contractor, E. W. Book, 2911 11 St., Sacramento.

DWELLING, one-story 4-room and garage, $2850; No. 4048 11 St., Sacramento; owner, A. R. Tyler, Rte. 4 Box 878, Sacramento.

DWELLING, one-story and garage, $2900; No. 1469 33rd St., Sacramento; owner, Carl Co.; contractor, C. J. Hopkinson, 1318 25th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

Nov. 26, 1923—E 35 FT. OF S 120 FT. Lot 8 J, K, 16th and 17th Sts., Sacramento. B S Berry to whom it may concern.....Nov. 24, 1923

Nov. 27, 1923—NO. 720 I ST., Sacramento. Associated Oil Co to whom it may concern.....Nov. 17, 1923

Nov. 28, 1923—S ½ LOT 8, G, H, 26th and 27th Sts., Sacramento. Mrs John and J Maluvius to whom it may concern.....Nov. 24, 1923

BUILDING CONTRACTS

SANTA CLARA COUNTY

FACTORY

S MARGARET ST., bet. 3rd and 5th Sts. near Southern Pacific's Right-of way, San Jose. All work for one-story factory building.

Owner—Beech-Nut Co. of Calif, San Jose.

Mech. Engineer—Paul R. Crooker.

Contractor—R. O. Summers, 17 N-First St., San Jose.

Filed Nov. 23, '23. Dated Nov. 23, '23.

Concrete to roof framing line..	$2483
Roofing on	2483
Completion	2483
Usual 35 days.....	2484
TOTAL COST.	$9933

Bond, $4966.50. Sureties, A. E. Holmes and J. A. Chase. Limit, 70 working days from Nov. 23, 1923. Forfeit, none. Plans and specifications filed.

COMB. STORE & APT., $125,000; Delmas and Fuller, San Jose; owner, H. W. Nicolai, 225 Minnesota, San Jose; architect, T. Herschbach, Bk. of S. J. Bldg., San Jose.

COTTAGE, 4-room, $2300; Hobson opp. Poplar, San Jose; owner, A. L. McCombs.

COTTAGE, 4-room, $1500; Mastic near Floyd, San Jose; owner, P. G. Messa.

Alterations, $1000; 123 W William, San Jose; owner, Mrs. Collens; contractor, Louis Scaglione, Coe & Bird.

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE

PTN LOT 67, San Mateo Park. All work for one-story and basement frame residence and garage.

Owner—Mrs. A. S. Hansen, S. F.

Architect—Charles E. J. Rogers, Phelan Bldg., San Francisco.

Contractor—S. A. Wisnom, A and 2nd Sts., San Mateo.

Filed Nov. 27, '23. Dated Nov. 26, '23.

Frame up	$5375
Plastered interior	5375
Completed	5375
Usual 35 days.....	5375
TOTAL COST.	$21,500

Bond, none. Limit, 120 working days. Forfeit, $100. Plans and specifications filed.

STORE BLDG.

NE COR. THIRTEENTH ST. & FIRST Ave., San Mateo. All work for reinforced concrete store building.

Owner—James C. and Ora B. Conway, Atherton.

Architect—None.

Contractor—Mitchell-Jackson, Inc., 170 2nd St., San Mateo.

Exterior walls poured.....	$3568.87
Braown coated	3658.83
Completed	3568.87
Usual 35 days.....	3568.87
TOTAL COST.	$14,275.50

Bond, none. Limit, 100 working days. Forfeit, plans and specifications, none.

BUNGALOW and garage, $4000; Lot 10 Blk 13 Juanita Ave., Burlingame; owner, Mrs. Anna C. Coyl.

BUNGALOW and garage, $5000; Lot 1, Blk. 7 Paloma Ave., Burlingame; owner, Foy and Jahnson.

COTTAGE and garage, $3000; Lot 21 Blk 37 Stannett Ave., Burlingame; owner, M. J. Henry, 1208 Bayswater Burlingame.

BUNGALOW and garage; $5000; Lot 22 Blk 36 Vancouver Ave., Burlingame; owner, J. Looman.

RESIDENCE and garage, $7500; Lots 2 and 3 Blk 36 Drake Ave., Burlingame; owner, Carl Torello, 711 Bayswater, Burlingame.

BUNGALOW and garage, $2800; Lot 24 Blk 7 Laguna Ave., Burlingame; owner, A. G. Lafette.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-?story frame, $2800; E 35th St., bet. Cutting and Wall Sts., Richmond; owner, E. Lindholm, 1200 Stanage St., Albany; contractor, N. E. Anderson, 2030 Roosevelt St., Richmond.

Larsen Construction Reports

Issued every business day of ths year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

JERROLD AVE. & VERNEVELD AVE.

Mission 901-902-903-904 San Francisco

Phone Franklin 9400

FRED H. BOGGS

INSURANCE

490 GEARY STREET

SAN FRANCISCO

Member [Insurance Brokers Exchange

GLASS

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Plate Glass
Window Glass
Ornamental Glass
Mirrors
Beveling
Polishing
Silvering

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., DECEMBER 15, 1923

Published Every Saturday
Twenty-third Year No. 50

Schumacher

Office
210 American Bank Building

Permanence
Economy

Wall

Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

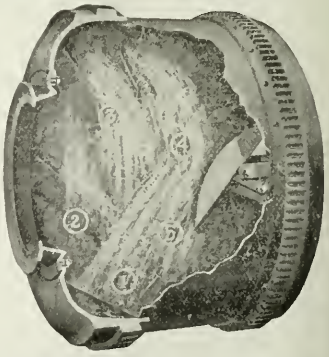
Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., DECEMBER 15, 1923 — Twenty-third Year No. 50

No. 818 Mission Street.
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

S. F. SEEKS TRANSMISSION TOWER BIDS

Bids will be considered by the San Francisco Board of Public Works on January 9 for furnishing and delivering the steel transmission towers for the Mocassin Creek power plant of the Hetch Hetchy project. The estimated cost of the work is $500,000, a bond of $150,000 being required of the successful bidder to assure faithful performance of the contract. Bids will be taken on 4 types of towers, namely: (1) standard; (2) heavy duty; (3) transposition and (4) special towers. Towers will be required to carry 2 three-phase circuits of 3 conductors per circuit, designed to operate at a potential of 154,000 volts, wye connected with grounded neutral. Each conductor will be suspended from a string of 10 units of suspension insulators for the standard towers and 12 units of heavy duty suspension insulators for the heavy duty towers. Specifications call for the following quantities of materials, the Board of Public Works having the right to increase the same: 394 standard towers, 98 heavy duty towers and 12 transmission towers, all with foundation stubs; 3 special towers with foundation steel; 60,000 lbs. tower extension steel.

TEN MILLION DOLLAR POWER PROJECT IS PROPOSED

J. L. Stannard, chief engineer for the proposed Lake Cushman power project, a $10,000,000 hydro-electric development, for the city of Tacoma, Wash., has completed preliminary plans for the project and City Commissioner Ira L. Davisson has presented an ordinance to the city council seeking its early construction. The project will be located on the Skokomish river. The total cost, fully developed, is estimated at $10,515,000 including $620,000 already expended in site and preliminaries, leaving $9,905,000 for future development. Horsepower to be generated is estimated at 140,000, instead of between 70,000 and 90,000, formerly estimated. It is proposed to issue bonds to finance construction.

The first unit development is to include a dam in the Skokomish river canyon, approx. 245 ft. high, giving maximum elevation of water above sea level of 735 ft.; a tunnel through the rock around the dam, which will serve as a diversion tunnel for water of river during dam construction and then to conduct water to turbines to be located in a power house situation in a natural cove of canyon, 500 ft. below the dam. A transmission line to Tacoma, a telephone line, 10 houses for operators, clearing of all timber in the reservoir basin which would not be submerged at low water and other appurtenances are all included. In order to take advantage of absence of water from canyon bed while reservoir is filling, the foundation and lower part of a second diversion dam to be constructed in lower part of canyon are included in project, as it will save cost of diversion tunnel. From this second dam water is to be eventually conducted by tunnel and conduit to Hood canal for 90,000 horsepower development.

POWER FROM MERCURY VAPOR IS DEMONSTRATED

Power from mecury vapor, making possible a double vapor power plant in which turbines for generating electricity are operated both by mercury vapor and water vapor from the same fuel sources, resulting in the generation of 50 per cent increase of power per pound of fuel, is the outstanding achievement of a new boiler perfected by the General Electric Company.

The last great step in improving the efficiency of manufacturing of power was the replacement of the reciprocating engine by the steam turbine. The invention of the mercury vapor boiler is regarded as a greater step in the progress of science.

The modern steam turbine is about 40 per cent more efficient than the best reciprocating engines, but according to W. L. R. Emmet, consulting engineer for the General Electric Company and inventor of the new process, the mercury boiler is more than 50 per cent more efficient than the best steam turbine.

Emmet estimates that if the mercury boiler comes up to all expectations it will produce with 35 pounds of gauge pressure, when compared with a steam turbine generating plant which uses two hundred pounds steam pressure, about 52 per cent more output in electricity per pound of fuel.

IMMIGRANT CRAFTSMEN WILL CUT SHORTAGE

With the continuance of the present rate of arrival of immigrant building workers through the Winter months, the construction industry will be in much better condition to meet a building peak next Spring than it was during the last boom period, says the American Contractor. Indications are that the migratory movement will grow as new arrivals write home to their fellow craftsmen and friends, telling of the good conditions for skilled workmen.

According to a statement of the Mason Contractors' Association there are at present about 7000 apprentice boys in the bricklaying trade. At the present rate of arrival close to 7000 masons may enter the country during the present fiscal year, which ends June 30, 1924. This will give a start toward overcoming the shortage of bricklayers which was estimated to be almost 45,000 at the beginning of 1923. It has taken a long time for the good news to reach Europe. Perhaps if we had help to spread the glad tidings this influx of needed craftsmen would have commenced much earlier.

It is evident that the new tendency of North European peoples to move to America, which was manifest during the fiscal year ending June 30, 1923, is still continuing. According to figures compiled by the Bureau of Labor Statistics, the northern nations are all filling their monthly quotas. During July and August, the first two months of the present fiscal year, Germany and the British Isles have topped the list with 18,917 and 27,113 immigrants respectively. Welcome news for the contractor is contained in the following table:

Building Trade Immigrants

(A) During 12 months ending June 30, 1923; (B) During July and August, 1923; (C) percentage of last year's total coming in two months this year:

	(A)	(B)	(C)
Carpenters & joiners	12,305	4661	38%
Masons	3276	1671	50%
Plasterers	503	192	38%
Plumbers	1197	566	48%

SYNTHETIC FOUNDRY IRON

The feasibility of producing a good grade of foundry iron from steel scrap in the electric furnace has been demonstrated in experimental work performed by the Department of the Interior at the Northwest experiment station of the Bureau of Mines at Seattle, Wash. This development permits any manufacturing plant to use all its iron scrap on the spot in making castings equal to if not better than those from cupola iron. Improved methods of charging the 300-pound experiment furnace used by the Bureau of Mines gave more rapid carburization, and carbon contents as high as five per cent were reached. Several heats were made in a 1-ton commercial electric furnace of the Heroult type, at Hoquiam, Wash., and in a 1-ton indirect-arc, rocking furnace in a foundry at Detroit, Mich. In every case, these tests were successful in producing sound, strong gray iron from steel scrap and iron turnings.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

While the lumber movement to the Orient, especially to Japan, is unusually heavy, there is a great demand in South America for northwest lumber. Orders for the west coast of South America which will be filled during the next two or three months are in excess of 7,000,000 feet, it is said. Space an all South American vessels is in demand and there are several full charters which will take out lumber. Mills in Oregon and throughout the entire northwest are operating to capacity, and prospects are that this situation will continue throughout the winter, except for short periods when the mills will be required to close because of weather conditions or for repairs.

Pacific Coast Steel Company officials are investigating the possibilities of San Luis Obispo county as an iron producing district, according to word from that section. Company officials have been over the ground and made a thorough investigation of the Irish Hills District, according to reports. W. McKinney, civil engineer of San Luis Obispo, is reported to have gone over the district and obtained samples of iron ore which have been forwarded to the San Francisco offices of the company to be assayed.

R. C. Durant, C. M. Steves and Al. G. Waddell of Oakland and other men of Oakland and Seattle have chartered a company to manufacture Starr transmissions in Los Angeles, according to advice from that city. It is stated that more than $5,000,000 will be involved in the enterprise. Steves is president of the holding company, and on the board of directors are Harry A. Miller, automobile engineer; C. E. Starr, inventor of the transmission; Edgar Starr, J. A. Murphy and Al. G. Waddell.

Construction of a $500,000 power plant, generating 4,500 horsepower, will be started at once by the California-Oregon Power Company at Klamath Falls, Ore. Bids for construction were rejected in September and the company has decided to proceed with the work by force account.

H. G. Hull of Wasco, Calif., has been elected president of the Board of Directors of the Kern Water Storage District, a project which contemplates an expenditure of $15,000,000 for irrigation improvements in the Kern county district. Frank G. Munzer was elected secretary of the Board.

Regents of the University of Washington have accepted the offer of Mrs. Alfred H. Anderson, widow of one of Washington's pioneer lumbermen, to finance construction of the College of Forestry on the University Campus at Pullman, Wash. The structure will cost $250,000.

The Staley System of Electrified Railways has been denied permission by Interstate Commerce Commission to build 1300 miles of railway from a point on the Gulf of California, in Mexico, through the states of Arizona, New Mexico, Colorado and Utah.

Morrison Bros. saw mill at Anacortes, Wash., on Dec. 6 suffered a $400,000 fire loss.

With over $20,000 due on unpaid bills for labor and materials on Fresno County highway construction work undertaken by T. A. Hanrahan and the Federal Construction Company, Hanrahan has filed a petition for the dissolution of a restraining order and further order permitting him to handle the funds received from the county. Hanrahan, a Fresno contractor connected with the Federal Construction Company, accuses J. A. Dowling, president of the corporation, with obstructing payment of the accounts, and with having taken $35,000 of the company's funds without having the proper authority or right.

The United States Spruce corporation, as a government corporation, is not subject to state or local taxation, the United States supreme court held recently. The case involved the right of the state of Washington or its counties to impose a tax upon the property of the Federal company, organized and owned by the government for the purpose of producing supplies of spruce wood for air craft construction during the war. As a Federal agency, the court held the company to be above state taxation.

Formation of a 200,000-acre municipally owned irrigation and power district to draw water from the Mokelumne river is urged by E. M. Locke, chairman of the water conservation committee of the Lodi District Chamber of Commerce, in a report to the board of directors of that body. A committee has been appointed by the Chamber to confer with the Stockton Chamber of Commerce to secure its assistance in forming the district.

The Los Angeles Terminal Railroad has applied to the State Railroad Commission to sell $1,000,000 of its capital stock and issue promissory notes for $250,000, the proceeds from both issues to finance construction of a terminal railroad which would connect with the Southern Pacific, Santa Fe, Union Pacific and Pacific Electric Railway tracks near Los Angeles.

The case of J. F. Knapp, paving contractor, against Calistoga property owners involving the validity of the $145,000 paving contract awarded Knapp last August, has been decided in favor of the contractor by Superior Judge P. S. King of Napa.

A class in the building trades may be added to the present Chico high school program. John C. Beswick, state supervisor of trades and industries and acting commissioner of state vocational work is conferring with the school trustees in the matter.

Glenn-Colusa Irrigation District votes bonds of $581,000 in two issues, one for $466,000 and another for $115,000, the former to pay off all indebtedness against the district, the latter to finance canal extensions from Williams District to Glenn-Colusa District.

Herbert W. Wing, retired contractor, died in Oakland, Dec. 3. Death resulted from a stroke of Paralysis. Wing operated extensively in Napa county in the construction of stone bridges.

ALONG THE LINE

Arthur E. Loder, district engineer of the U. S. Bureau of Public Roads who has been in charge of Federal aid work in the southeastern district of the U. S., has been selected manager of the Good Roads Bureau of the California State Automobile Assn. Mr. Loder has had considerable experience in California as chief engineer of the Los Angeles highway commission and division engineer for the state highway department.

George E. Steele, prominent in civil engineering and political affairs in Wisconsin for many years, died in Grass Valley, Calif., Dec. 6, at the age of 81 years. Mr. Steele located in Los Angeles several years ago and mapped out the city of Hermosa Beach. He had lived in Grass Valley in retirement for the past two years.

G. Stanley Whitehead, city engineer of San Mateo, has resigned and C. F. Price, present city manager, has been appointed city engineer and superintendent of streets. Prior to his four years of service with the city of San Mateo, Mr. Whitehead was associated with the county surveyor's office at Redwood City.

Chas. T. Sigler, for the past two years assistant superintendent of the Pacific Coast Steel Co., in San Francisco, died in that city Dec. 3. Sigler was 48 years old and for ten years previous to his coming to San Francisco, was connected with the Pacific Coast Steel Company at Seattle.

Chico's $150,000 paving program has been halted due to a decision of the Superior Court which declares that certain illegalities made it safer to abandon the present contract and enter into a new one. The contract was held by the Chico Contracting Co.

Bids to construct approximately twenty-two miles of concrete highways will be asked by the Colusa county supervisors in January. Specifications for the work are being completed by County Highway Engineer J. M. Felknor.

Rudolph Weaver, for several years professor of architecture at the State College of Washington at Pullman, has accepted a similar position at the University of Idaho at Moscow.

Governor Richardson will confer with Governor Mabey of Utah on the possibility of building a highway between Salt Lake City and Los Angeles.

John A. Morton, for many years city engineer of Santa Monica, was elected commissioner of public works of that city at the municipal election Dec. 5.

Folk & Robinson, civil engineers, have moved their offices from the Municipal Building to the Waterland-Breslauer Bldg., Chico.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

KERN ENGINEERS RECEIVE A. A. E. CHARTER

Kern County Chapter, American Association of Engineers, became a duly authorized unit of the national association at a banquet held in the Hotel Tegler at Bakersfield, Dec. 7, when Hubert C. Ferry of Los Angeles, director of Division 2 of the national organization, which includes California, Nevada and the Hawaiian Island, formally presented the new chapter's charter, issued by the national headquarters in Chicago. President Arlington M. Smith of the newly authorized chapter accepted the charter for his 21 fellow charter members.

Following the acceptance of the chapter's charter, the meeting was addressed by many engineers of national prominence, including divisional director, Hubert C. Ferry; Samuel Sterrow, president of the Los Angeles chapter, and who is now engaged in the zoning of Los Angeles; Donald M. Baker of the state department of public works, division of water rights; J. M. Buswell, secretary, treasurer of the Fresno chapter, who is one of the principal San Joaquin Light & Power Company's engineers and prominent in the structural activities of Fresno and the San Joaquin valley; A. J. Ikin, former member of the British Society of Engineers, who was loaned by the southern Pacific to the Canadian government several years ago too construct the Vancouver, B. C., docks and wharves and whose father had an important part in harnessing the Nile for the British government.

RICHMOND EXCHANGE ENJOYS TURKEY DINNER

Members of the Contra Costa County Builders' Exchange and their friends enjoyed an electrically cooked turkey dinner on the evening of December 7. The dinner was served in the banquet hall of the exchange quarters by a committee of members of the exchange and employees of the Western States Gas & Electric Company which company supplied the cooking apparatus.

Wesley Hicks, San Francisco electric heating engineer, spoke electric heating problems and the economy of cooking with electricity.

Other interesting talks on electric heating and exchange topics were made by George N. Rooker, Richmond manager of the Western States Gas & Electric Company; E. W. Shaw, secretary of the Oakland Builders' Exchange; E. S. Douglas, factory representative of the Hughes Hot-Point Range Company of San Francisco; D. B. Farquharson, of the San Francisco Builders' Exchange; E. T. Thurston, secretary of the General Contractors' Association of San Francisco; E. M. Tilden, president of the Oakland Builders' Exchange, and P. M. Sanford, president of the Richmond Exchange.

The following general contractors were in charge of the arrangements for the dinner and entertainment: N. E. Anderson, E. A. F. Carson, A. Fagerstrom, K. J. Henning, A. W. Josselyn, The Miner Company, Carl Overaa, S. B. Roberson, P. M. Sanford, W. Snelgrove, Tandy & Theis and J. C. Thornton.

YOUR EXCHANGE

A Builders' Exchange is much like a bank—if you want to get anything out of it you must first put something in. The trouble is that too few of us open accounts. In most exchanges about ten per cent of the members do 90 per cent of the work. A greater interest on the part of members would usually be more important than receiving additional members.

We members forget that it is OUR exchange. We are inclined to think of it as belonging to the officers. We lost sight of the fact that it is we members who make up the exchange and that the officers are only our leaders whom we have chosen. The success of a Builders' Exchange rests no more with the president and secretary than it does with the individuals who make it up.

Absentee members is one of the things that make it difficult for a president and secretary to sustain interest in a Builders' Exchange. If the members would get into the habit of dropping into meetings and of occasionally visiting exchange headquarters their investment would pay larger dividends and their organization would be in much better condition to combat the tendencies toward dissolution.—Nat'l. Builders Bulletin.

RENO MASTER PLUMBERS FEAST ON RABBIT

A social organization of master and journeymen plumbers to promote cooperation and good fellowship between employer and employe was suggested at a banquet given by the Master Plumbers' Association of Reno, Nevada, Dec. 5, F. C. Savage, who proposed the organization, expressed the opinion that such a move not only would improve relations between the master and journeymen but that the general public also would benefit from it.

The "piece de resistance" at the banquet was the rabbits shot by a party headed by George E. Wilkinson, president of the Nevada State Master Plumbers Association and prepared by Mrs. F. C. Savage and Mrs. O. H. McTaggart. The table was graced with bouquets of roses made by Mrs. Wilkinson.

Harry Kelley presided as toastmaster and he called for talks from both master plumbers and representatives of the journeymen who were present.

S. F. SEEKS HIGHWAY MEETING

Invitations were wired to the Executive Committee of the American Association of State Highway Officials, urging them to come to San Francisco for their 1924 convention. The special invitations were sent by the San Francisco Convention and Tourist League, Mayor Rolph, Rotary Club of San Francisco, Downtown Association and the San Francisco Advertising Club.

ALAMEDA COUNTY BUILDING TOTALS $40,000,000 A YEAR

Alameda county is building at a rate of more than $40,000,000 a year.

This is the estimate made by E. W. Shaw, secretary of the Builders' exchange, who is compiling the building figures as a permanent record of the exchange.

The estimate is made on the first ten months' building record for 1923, ending October 31.

In Oakland, the November building permits total $2,336,472, which will bring the year's building estimates in the county well over $40,000,000, according to Shaw.

Here is the ten-months building record as taken from the records in the various communities:

Oakland	$23,375,326.00
Alameda	1,406,968.50
Berkeley	6,625,304.00
Emeryville	811,978.00
Piedmont	1,641,752.61
San Leandro	785,264.00
Livermore	60,000.00
State of California within county	1,072,622.01
Hayward	204,775.00
Albany	445,431.00
County building	350,588.19
Total of 10 months	$36,780,009.30

The $1,072,622.01 credited to the State of California is the cost of the new stadium built at the University of California.

In Oakland, a large percentage of the money represented in new building is for office structures and factories. Home building, however, continues to predominate, according to Builders' Exchange figures.

NATIONAL PLUMBERS' ASSOCIATION PLANS MEMBERSHIP DRIVE

It is the intention of the officers of the present administration of the National Association of Master Plumbers, to co-ordinate the efforts of national, state and local associations, in a comprehensive membership campaign, by which they hope to increase the membership to an unprecedented number.

The campaign as now outlined, proposes to take advantage of every available agency to impress the prospective member with the valuable service rendered the association. The national association, the state organizations, and the local bodies, will conduct a mailing campaign, properly co-ordinated according to a predetermined schedule of dates, and with due regard for the proper presentation of the various functions. This mailing campaign will extend over a period of approximately six weeks, and will be primarily directed towards developing a favorable and receptive attitude in the prospect, which will enable the members to secure his application through personnel solicitation during the week of January 20 to 26.—Western Plumber.

BUILDERS MEET

The largest meeting of the year was held by the Builders' Association of Palo Alto, Dec. 12. Thirty-eight members were in attendance in addition to guests. Dr. Bailey Willis, head of the Department of Geology at the Stanford University and John E. Springer, Palo Alto attorney, addressed the builders.

(Continued on Page 9)

LARGE IMPORTATIONS OF FOREIGN CEMENT REPORTED

The importation of foreign cement at Los Angeles Harbor has been steadily increasing during the past year, and is having its effect on the local construction situation, according to Engineering News-Record (New York). The presence of foreign material at the harbor last summer seems to have resulted in lower bids for the large quantities of material required in the construction of the Los Angeles outfall sewer. At least this was the opinion of engineers connected with that particular job.

During July, August and September of this year, the total receipts of the foreign material amounted to 47,420 tons, while for the corresponding period of 1922, no receipts were recorded.

Segregation by countries from which cement was received during this third quarter of 1923 is indicated by the following table:

England	16,785 tons
Sweden	16,770 tons
Belgium	6,041 tons
Germany	3,761 tons
Norway	3,028 tons
Denmark	1,035 tons
Total	47,420 tons

The value of this cement according to figures of the City Harbor Commission was $503,769. During the busiest part of the 1923 building season in this vicinity, there occurred a shortage of native cement and this was the reason for the bringing in of appreciable quantities of the foreign material.

ASA L. WHITE, S. F. LUMBERMAN, DIES

Asa L. White, one of the best known lumbermen on the Pacific Coast, and a national figure in the hardwood business, died Dec. 6 at his Los Gatos ranch, after an illness of several months. He was born in New Brunswick eighty-one years ago and came to California in 1868. Four years later, with his brother, the late Peter White, he organized the firm of White Bros. Peter White came to California in 1860.

White was a member of the San Francisco Commercial Club and prominent in Episcopal Church work. He was a trustee of St. Luke's Hospital and active in charities. Until a few months ago, when he moved to his los Gatos ranch, White resided at Sixth Avenue and East Seventeenth street, East Oakland.

Mrs. White died two years ago. Surviving are a son, William Thornton White of Oakland, and a daughter, Mrs. Moses W. Faltonte, of Newark, N. J.

POSSIBLE MARKET FOR BRICK-MAKING MACHINERY IN BRAZIL

Owing to extensive building operations in Sao Paulo, Brazil, there has been a great demand for bricks, and although there are many factories in operation most of them use primitive methods. Because of the abundance of clay soil in the vicinity of Sao Paulo and the demand for bricks, it is thought that possibilities are offered for the development of the brickmaking industry.

The American consul requests catalogues showing installations having a capacity for manufacturing from 5000 to 30,000 bricks a day. Firms desiring to send such catalogues should mark them plainly "For the Industrial Machinery Division, room 815, Bureau of reau of Foreign and Domestic Commerce, Washington, D. C., for transmission to Consul A. T. Haeberle, Sao Paulo, Brazil."

Marked Reduction in Cost City Building For November

A marked reduction in building activities in many Pacific Coast cities during November is shown by the National Monthly Building Survey of S. W. Straus & Co., which has just been completed. The Pacific Coast section of this report discloses a total of building permits for the month just closed amounting to $36,373,821 in 47 principal cities. This figure is 24 per cent greater than that of November, 1922, but is 20 per cent under the total for October of this year from these cities.

California's November total of $31,889,272, reported from 29 cities, is 24 per cent over last November but 19 per cent under October's figures.

A much smaller relative reduction is shown from the reports of the 18 cities of the six other states comprising the Pacific Coast group, all of which show less fluctuation.

In the Northwest group, Washington, Oregon, and Idaho, the November total reported by 12 cities was $3,647,922, which is two per cent less than last November's figures and two per cent less than those of October.

In the Intermountain group, Utah, Nevada and Arizona, the November total from six cities, $836,627, is a five per cent gain over last November but a four per cent loss from the October figures.

Los Angeles reports a total of $13,512,042 for November, a gain of 10 per cent loss from October figures. This total is 43 per cent of California's total and 37 per cent of the total reported from the whole Pacific Coast list of 47 cities.

San Francisco reported $3,850,808 for November, a slight gain over October and a 46 per cent gain over the previous November. Oakland, Seattle and Portland report slight reductions from October although Reno, Salt Lake, Tuscon, Tacoma, and several of the California cities report substantial gains.

Following are the official construction figures reported by the building department executives from the various cities comprised in the S. W. Straus & Co. building survey for the Pacific Coast states:

City	Nov. 1923	Nov. 1922	Oct. 1923
Arizona			
Phoenix	$ 80,397	$ 297,733	$ 217,424
Tuscon	68,805	86,861	49,445
California			
Alameda	125,051	58,060	129,879
Alhambra	528,075	403,420	549,840
Bakersfield	69,188	551,233	155,827
Berkeley	730,235	231,980	1,224,255
Beverly Hills	538,936	299,600	528,750
Chico	21,223	13,588	28,572
Compton	290,050	62,850	172,075
Eureka	60,000	71,800	95,000
Fresno	382,598	496,136	1,392,081
Glendale	1,132,562	515,323	805,506
Long Beach	1,925,828	1,046,465	2,336,695
Los Angeles	13,512,042	11,355,710	20,541,872
Modesto	9,290	137,635	34,840
Oakland	2,336,472	2,584,752	2,759,208
Pasadena	1,668,641	548,707	1,062,362
Pomona	148,130	111,750	161,295
Richmond	56,845	40,846	142,828
Sacramento	464,476	445,770	448,897
San Bernardino	201,385	240,112	221,105
San Diego	984,499	2,231,890	1,318,147
San Francisco	3,850,808	2,620,471	3,793,374
San Jose	204,370	158,875	207,040
San Leandro	847,778	32,840	86,231
Santa Ana	304,896	433,790	401,578
Santa Barbara	332,245	338,784	213,540
Santa Cruz	47,275	33,390	73,000
Santa Monica	882,890	312,615	519,810
Stockton	221,041	187,308	323,700
Vallejo	12,440	8,060	116,496
Idaho			
Boise	26,360	26,916	32,448
Nevada			
Reno	46,650	40,275	26,710
Oregon			
Astoria	110,770	.....	176,715
Eugene	57,600	34,425	92,325
Portland	1,672,145	1,858,550	2,566,335
Utah			
Ogden	93,625	65,050	47,100
Provo	20,500	24,200	51,950
Salt Lake City	526,650	276,690	481,955
Washington			
Aberdeen	53,570	54,864	53,525
Everett	87,723	54,118	61,675
Hoquiam	37,550	16,969	28,829
Seattle	1,147,805	1,259,610	1,219,270
Spokane	181,063	151,927	183,892
Tacoma	336,241	207,977	275,636
Vancouver	15,940	6,585	298,550
Walla Walla	1,635	37,400	22,875

MAGNETITE ORE DEPOSIT AT VANCOUVER ISLAND

The University of Washington College of Mines announces the discovery of a large magnetite ore prospect opposite Cape Flattery on Vancouver Island. The prospect was discovere by Louis McGuire, a student in th college of mines. The ore is said t consist of finely crystallized magnetit valuable because it may be easil handled and cheaply converted into commercial product.

NEW STEEL HAUL RATES WILL BE CONTESTED

Efforts of the transcontinental railroads to restore the back haul charges, particularly on iron and steel articles, has met with further opposition from the Intermediate Rate Association which has asked the Interstate Commerce Commission to dismiss the application of the carriers for relief under the long and short haul provisions on iron and steel articles moving from Chicago territory to Pacific Coast terminals.

The basis of the railroads' request is that on practically all iron and steel articles the carriers are asking permission to name a seventy-five-cent rate from Chicago to Pacific Coast terminals, which is much lower than the combination rail and water rates from Chicago to through points. In other words, a Chicago manufacturer desiring to ship a carload of structural steel to San Francisco would have to pay ninetythree and one-half cents per 100 pounds by shipping by rail to New Orleans and thence by water through the Panama canal, and this does not take into consideration tolls, insurance and wharfage, and make no allowance for superior all-rail service. Yet the carriers contend that they must name a seventy-five cent rate to meet this competition.

The commission has held that an all-rail rate to meet a competitive water rate should not be lower than the water rate, nor as low. The present all-rail rate is one dollar, but the railroads do not seek to change this rate to intermediate points, but only to coast terminals.

F. J. MELBOURNE, CONTRACTOR, DIES

Frank J. Melbourne, Oakland contractor and for the past six years building superintendent of Mills College, died in that city Dec. 9, after an illness of more than eighteen months. He was 52 years old.

Melbourne was a resident of Oakland for eighteen years, during which time he had charge of the construction of some of the largest buildings in San Francisco, among them the Fugazi Italian Bank building. He was given a leave of absence a year ago by Mills College and, from April until September this year, traveled on the Atlantic coast trying to regain his health.

PORTLAND EDUCATIONAL BOARD TO MAKE MECHANICS

The Portland, Ore., Board of Education has decided to institute under the Smith-Hughes act night classes for adults and grade graduates in bricklaying, plastering, blueprint reading, carpentry and painting in co-operation with the state vocational training board. Half the cost of instruction will be paid by tuition, the remainder to be supplied by the government with the local district providing the building.

MAGNETITE IRON ORE DEPOSITS ARE LOCATED

Outcroppings of a fine grade of magnetite iron ore have been found over an area approximately 15 miles wide and 30 miles long in the mountains of San Diego county. The most recent find is about 3 miles from Campo along the San Diego & Arizona Ry. This is said to assay about 68 per cent iron and carries gold and silver estimated at $6 to $12 a ton. A great body of ore is believed to underlie the district from Ramona on the north to the Mexican border, including Mt. Gower, El Cajon Mt., Viejas Mt., Tecarte Mt. and Campo.

Comptroller General Decisions

The following decisions were recently announced by the Comptroller General at Washington, D. C., which will prove of interest to contractors engaged in construction work for the U. S. Government:

Termination of Contracts

The termination of a contract for reasons of the Government does not authorize a different basis for adjustment than that stipulated in the original contract.—Comp. Gen., Nov. 10.

Mistakes in Bids

The United States is not responsible for mistakes in price made by a contractor, and the accepted bid is binding unless the prices bid are so disproportionate as to put the contracting officer on notice and their enforcement would be unconscionable. The contract must be considered as a whole, and items may not be singled out for settlement on the basis of a quantum meruit.—Comp. Gen., Nov. 12.

Advances to Contractors

Where advances were made to a contractor under a contract providing for the prompt return to the Government upon termination of the work to be performed under the contract of the unexpended balance of the money advanced, and the full and faithful performance of the contract was guaranteed by another corporation, and the contractor failed to return the unexpended balance as provided in the contract, no further payments will be authorized to either the contractor or the guarantor until the unexpended balance of the amount advanced shall have been returned to the Government or until adjustment shall have been otherwise lawfully made.—Comp. Gen., Nov. 12.

Use of Rejected Material

When a contract for the sale of goods provides for inspection after delivery and the goods are inspected and rejected by the Government and the contractor notified of the rejection and asked as to their disposition, the same becomes the property of the contractor.

Where the Government take possession of material rejected under a contract it does so irrespective of the contract, and the Government is liable for the market value of the rejected material and no more.

The selling price of an article while not necessarily conclusive as to the value may be considered as evidence in fixing the value, and in the absence of other value of the material in question.—Comp. Gen., Nov. 13.

Exchange of Old Equipment for New

In the purchase of new equipment for the bureau of engraving and printing there must be competition as contemplated under section 3709, R. S.

When old equipment is to be disposed of it is the duty of the head of the department to obtain the highest price available therefor.

The fact that a certain dealer may allow a higher exchange price for the old equipment will not justify awarding the contract for the new equipment to other than the lowest bidder unless by so doing the net price to the Government is less than could otherwise be obtained.

In the absence of specific statutory authority for exchange of equipment full amount of the purchase price of the new equipment must be charged to the appropriation available therefor, and the amount allowed for the old equipment must be covered into the Treasury as a miscellaneous receipt.—Comp. Gen., Nov. 13.

$13,000,000 Construction Program Planned by New Oakland Corporation

The largest building development program in Oakland in years has been announced by Maury I. Diggs, Oakland architect, and Karl Raentsch, real estate and investment bricker of that city.

A total of $12,870,474 34 is involved in the program, to be put into effect immediately. Some of the strongest financial interests in the East Bay are participants. Raentsch represents, it is said, heavy foreign financial interests that have recognized the industrial and commercial future of Oakland.

Diggs is directing formation of a $2,000,000 Telegraph Avenue corporation. The organization is complete with exception of approval of the sale of stock by the state corporation commissioner. This approval is expected momentarily. Meanwhile, sale of stock is offered subject to approval of the commission. William Cavalier company and the Kimball Upson company are taking over a $500,000 bond issue of the new corporation.

An itemized list of building and developments, running the gamut from markets to theatres and underground garages, follows:

Eight-story hotel, to cost $400,000, to be erected on property at rear of East Bay market, fronting on Clay street, between Nineteenth and Williams Sts. The city council will take immediate action to cut through Clay street.

Ninety-nine year lease taken on East Bay market, Nineteenth street and Telegraph avenue, at total rental of $6,325,474.24.

Department store building at cost of $500,000, to be erected on Telegraph avenue frontage of East Bay market.

Two new market buildings similar to East Bay market, to be erected at cost of $200,000 each, one in East Oakland and one in North Berkeley.

Ninety-nine year lease taken on Robert McMullin property at northwest corner of Thirteenth and Franklin Sts., at total rental of more than $4,000,000. A ten-story building, at cost of $800,000, to be erected on the corner.

Erection in the heart of the East Bay market of a theatre, seating 2500 persons, designed for the best operatic, drama and picture productions, to cost $200,000.

Construction of the largest garage in the San Francisco bay district for use of patrons of the East Bay market, the theatre and hotel. Garage to cost $150,000 and to be constructed in a basement and sub-basement under the market and hotel. Equipped with elevators and cement floors.

Construction of 100-foot addition to the East Bay market to give additional selling area, to cost $50,000.

Entry into Oakland of the Austin Nichols & Company, a $30,000,000 grocery concern of New York, one of the largest of its kind in the world.

Formation of a $2,00,000 building finance corporation to finance building in the East Bay. Details nearing completion.

Purchase by Maury I. Diggs of an 80-foot frontage on Eighteenth street. Diggs will erect a $45,000 building on the site immediately.

Maury I. Diggs, Raentsch announced, will direct plans and construction of all buildings listed in the program.

TRADE NOTES

Jasper-Stacy Co., a new construction firm has been organized with headquarters at 216 Pine street, San Francisco. The company will engage in supervision of construction, contracting and management of development of irrigation, reclamation, power, factory, building, municipal and other enterprises. The firm is headed by B. P. Lilienthal, vice-president of the Union Sugar Company and the South San Francisco Land Company. The vice-president is O. W. Jasper Jr., manager of the Shattuck Construction Company for the past seven years and the secretary is N. T. Stacy, an engineer of repute, whose most recent work involved the expenditure of $5,000,000 in townsite, railway and factory work for the West India Sugar Finance Corporation.

Foster Glaspell, formerly San Francisco district sales manager of the Pacific Sanitary Manufacturing Co., sailed on November 22 for Japan, where he is to engage in the building and construction supplies business. Glaspell has been in Japan before, and is well acquainted with the Oriental market. He has not servered his connections entirely with the Pacific Sanitary Manufacturing Co., however, as he will handle their line of sanitary goods in connection with his supply business. His headquarters will be at the Imperial Hotel, Tokyo.

S. L. Jones & Co., importers and exporters of San Francisco, have opened a branch office in the Hoge Bldg., Seattle, with Don C. McClallen as manager. The Jones Co. is a well known factor in the export lumber trade and is at present actively engaged in the importing of Oriental products.

As a substitution preventative, the Chase Metal Works, Waterbury, Conn., has adopted a trade-mark which it is having stamped on all of its brass pipe products that go to the plumbing trade. The western branch of this company is known as the Chase Companies of California, Inc.

California Art Tile Manufacturing Co., has purchased the property it occupies at Twenty-sixth and Florida streets, Richmond, and will continue to manufacture art tile products at that location.

Stockholders of the E. K. Wood Lumber Co., meeting Jan. 21, will decide whether or not the company shall increase its capitalization from $5,000,000 to $10,000,000.

Atlas Elevator Co., capitalized at $10,000, has been incorporated in San Francisco with the following directors: C. W. Byrnes, T. E. Ambroce and C. H. Jensen.

F. L. Hansen, general contractor, has moved from 251 Kearny street to new and larger quarters at 510 Pine street, San Francisco.

Reinhart Lumber & Planing Mill is now occupying its new plant recently completed at Jerrold and Berneveld avenues, San Francisco.

Construction of an $18,000 plant for the Pacific Shade Cloth Co., has been started in Peralta near Eighteenth St., Oakland.

Los Gatos Lumber Co., E. H. Norton manager, will establish a yard at Capitola, with F. H. Newman in charge.

Highway Work on Gas Tax Planned By State Commission

Construction work of the estimated cost of approximately $5,000,000 for widening and thickening existing paved state highways, included in the program of the state highway commission for the next few months, is announced by R. M. Morton, state highway engineer.

Plans and specifications for a large part of the work, and in some instances bids, already have been called for.

The expenditure will be made from funds derived from the state's share of the new gasoline tax and motor vehicle license fees. The expenditure of the $5,000,000 is in addition to other work contemplated and to be paid for from the state highway bond funds.

While it is impossible to make a definite statement at this time regarding the location of all of the rebuilding work under consideration, the contracts to be advertised will include paving of some nine miles south of Sacramento on the Stockton Road; paving south of Stockton in the Manteca district, rebuilding of the highway between Oceanside and San Diego; rebuilding of the Rincon highway in Ventura County; widening of the highway in the Calabasas section of Los Angeles County, and widening and grading of the Pacific Highway north of Redding, in Shasta and Siskiyou Counties.

Other similar work will be undertaken where the need appears most urgent because of traffic conditions and the necessity of saving old pavements from destruction.

It is estimated that the state's share of the gasoline tax and the motor vehicle fees will be at least $7,500,000 for 1924, which is 50 per cent in excess of present revenues for maintenance and reconstruction. The commission will receive its first allotment from the gasoline tax in May, 1924.

Surveys and plans are under way for considerable work in the main trunk lines, in accordance with the announced policy of the highway commission and the engineering department.

The work in contemplation iscludes paving of 9.5 miles of the highway immediately north of Redding; grading of a number of units of the Truckee River route between Auburn and the Nevada state line; work on the Redwood Highway north of Eureka to make a connection with the Oregon State Highway to Grants Pass, and connections with Yuma, Ariz., in Southern California.

ALAMEDA EXCHANGE TAKES ON NEW MEMBERS

Among new members admitted to the Alameda County Builders' Exchange recently, E. W. Shaw, Secretary, reports the following: H. L Call Lumber Co., lumber dealers; represented by Mr. Daniels; H. L. Houck, general contractor and home builder; represented by himself; L. B. Matheyer Co., general contractors; represented by L. B. Matheyer; Wm. Hill, rigging contractor; represented by himself; David Nordstrom, general contractor; represented by himself; United Blower Co., Inc., blower manufacturers; represented by F. T. Estey;Daily Pacific Builder, publishers of building news; represented by Jee E. Odgers; Diamond Cabinet Works, cabinet and mill work; represented by John R Grant; Drayage Service Corporation, drayage; represented by W. P. Scott; East Bay Title Insurance Co., title insurance; represented by M. R. Green; Eureka Mill & Lumber Co., lumber and mill work; represented by F. L. Parker; Mellin & Taylor, general contractors; represented by W. J. Mellin; Merritt Motors Company, auto dealers, Ford and Lincoln cars; represented by E. B. von Adelung; Western Asbestos Magnesia Co., asbestos and magnesia supplies; represented by Harvey A. Evans.

KLAMATH LUMBER OUTPUT

Three hundred and sixty million feet of lumber, valued at approximately $10,000,000, was manufactured in the Kalmath, Ore., district in 1923.

This estimate, based on a production survey of thirty mills contributory to the Weed-Klamath Falls branch.

The value of the year's cut based on an average price of $28 per 1000 feet. The value of the lumber cut is increased $2,000,000 by remanufacturing 60 per cent of the cut into box shook.

The payroll in the industry this year is estimated at $7,200,000, or two-thirds of the cut value.

The Pelican Bay Lumber Company made the largest single cut, 62,000,000 feet, thereby setting a new high record for the district.

HOUSE SHORTAGE ACUTE IN LARGE CITIES

A shortage of between 800,000 and 1,000,000 houses in the U. S. is revealed by officials of the National Housing Association, who recently gathered in Philadelphia for a three-day session of the Ninth National Conference on Housing in America.

Three vital factors in the blockade on housing were summed up as follows:

1—High cost of money.
2—High cost of material.
3—High cost of labor.

New York, Chicago, Philadelphia, Cleveland and Boston are now facing an acute housing shortage. In many other cities there are no houses available for the working man, and few are under construction.

To relieve the housing shartoge, that is dangerous to the health and morals of young Americans, at least six remedies must be adopted, according to officials of the conference. They are:

1—Rank must let up the embargo on building money. At present banks are unwilling to make loans over 50 per cent of the value of the building. This retards construction and also allows necessary second mortgages.

2—Builders must be content with small profits to stimulate construction.

3—The type of house for the working man must be changed so as to get cheaper construction, "Gingerbread" designs that the unnecessary can be eliminated. This would open the home market to the salaried group of $35 to $50 a week, and 30 per cent more of the population would be home owners.

4—Cost of building materials must be lowered by increased production with wages of the makers of the materials the same as now received.

5—Cities must improve suburban properties, installing sewers, water mains and electricity so the land will be available for building operations.

6—Building codes of Tutankhamen time must be changed to modern codes and standards. Variety could then be eliminated and production of building produced at lower cost.

Western States Will Seek $100,000,000 Federal Aid Fund

Highway officials of the Western States will ask Congress to appropriate one hundred million for Federal Aid projects in these states during the next two years and ten million dollars for roads in National Forests. This information was received by the California State Automobile Association from Harvey M. Toy, Chairman of the State Highway Commission; who with C. C. Cottrell, manager of the Association's Good Roads Bureau, attended the annual convention of the National Association of Highway Officials at New Orleans.

Toy told the Automobile Association that he would go on to Washington where he would urge the President and the chief of the Bureau of Public Roads to support the program outlined by the highway officials. Toy said that highway officials from all states had endorsed the project at the New Orleans Convention.

The support secured by Toy and Cottrell at New Orleans from the highway officials of practically every state in Union will help materially in securing the needed appropriations from Congress, Automobile Association officials declared. Approval of the project will bring a great impetus to transcontinental highway construction, they said.

H. J. Brunnier, chairman of the Automobile Association's good roads committee declared that the treasuries of many of the Western States were unable to meet the demand for increased highway construction unless increased Federal aid was forthcoming.

"The Automobile Association has taken the lead in this fight to secure equitable Federal support for highway building in the Western States, "Brunnier said. "These states contain nine-tenths of the National Parks and Forests and more than half the area of many of these states is still in the hands of the Federal Government as unappropriated public lands."

"California will not only benefit directly by the program," Brunnier said, "but is in a position to indirectly benefit by highway construction programs that increase the prosperity of neighboring states and provide improved transcontinental routes giving better inter-state communication."

ROADS MAINTAINED BY COUNTY CO-OPERATION

Counties in Wisconsin took over the maintenance of their roads on May 1, 1918. The State commissioner established nine divisions in the States, each having about eight counties. A resident engineer is in charge of each division, under him a corps of assistants, who maintain, mark, and sign their territory, visit the patrolmen twice a month, and report each visit by card to the main office. In 1922 the commission at Madison received reports of 10,940 visits. Three members of the county board supervise road work, and a county highway commissioner is also elected to have charge of all road construction and maintenance work in his county.

The patrolmen enter into written contracts with the county and put up a $500 bond as guarantee of service and good care of tools and machinery furnished by the county.

Wisconsin has both team patrol and motor truck or tractor patrol. For the team patrol the patrolmen furnish a team and wagon, and the county furnishes a light-blade grader, a road plans, a plow, a slip scraper, and other necessary small tools. On the motor patrols all equipment is furnished by the county. Sections cared for by team patrols average six and three-quarters mile, and the patrolmen work from April first to December first for $140-$165 per month. Between December first and April first patrolmen agree to work when requested, at a fixed price per hour. Motor truck and tractor patrols cost the counties on the average about $110 per month each.

The Wisconsin system is the result of investigations which the commission carried on in other States regarding satisfactory systems of road maintenance, and for practical methods of improving ordinary town roads which had heretofore been under the care of a township director with wide territory, limited time, and more limited money. Wisconsin's total mileage on all classes of highways is 78,000. When the county maintenance work was commenced, 255 miles were concrete, 1775 miles stone macadam, 15,670 gravel, and 60,-300 miles earth. Under the county maintenance system, each county owns much of its own road maintaining equipment, and enjoys better roads with less expenditure of time and money. Many improvements have been originated by township votes.

STANDARDIZING CONTRACTS

After a long study the War Department board has drafted and recommended to the interdepartmental board for adoption standard forms of bond, guaranty, lease and contract, taking into consideration the limitations imposed by statute and regulations upon War Department contracts. The War Department board has now under consideration for criticism and suggestion a standard form of building and construction contract tentatively adopted by the interdepartmental board. The War Department board continues to function under the provisions of its appointment.

ST. LOUIS SEES SAN FRANCISCO CIVIC CENTER

Members of the Board of Alderman of St. Louis, visiting San Francisco to study the Civic Center architecture, were officially greeted for the Chamber of Commerce hospitality bureau last week by Paul M. Downing, member of the Board of Directors. The St. Louis delegation included Edward Kubs, chairman of the Board of Alderman, Alfred Bergmann, S. L. Wimer, Martin D. Lohmann, Edward Hirth, William J. Studt, E. R. Kinsey, president of the Board of Public Service.

CONTRACTORS SUED

The Farmers' Mercantile Co., of Salinas has started suit against the Standard Industrial Engineering Corp., of San Francisco, to recover $968.84, alleged due for supplies furnished the company in connection with the Hilltown bridge project for Monterey county. The bridge contract was cancelled by the Monterey County Supervisors due to the failure of the Standard Company to proceed with the work according to contract. The Royal Indemnity Co., surety on the corporation's bond, is named as a co-defendant in the suit.

ORGANIZATION NEWS

(Continued from Page 5)

S. F. MASTER PAINTERS TO BANQUET

December 22 will be a gala night for the San Francisco Master Painters' Association, according to Frank La Torres, secretary of the organization.

On that evening in the Concert Room of the Palace Hotel the leading painters of San Francisco will assemble to celebrate the twenty-fifth anniversary of the organization. In addition to prominent speakers the committee of arrangements has prepared an interesting program of entertainment under the personal supervision of Sam Cohn, chairman.

Officers of the association will be installed at this banquet. Henry Kern will act as chief installing officer assisted by D.Zelinsky, Russell Hinton and A. D. Sutherland.

The officers to be installed are: President, B. H. Gurnette; 1st vice-president, G. T. Bowen; 2nd vice-president, H. J. Axt; 3rd vice-president, L. J. Neal; 4th vice-president, H. Brace; Secretary, F. La Torres; Treasurer, M. Cohn; Statistician, Robt. Postler; Sargeant-at-Arms, J. Friedman; Trustees, J. F. Provoo, F. Dixon and C. R. Stern.

Speakers at the banquet will include Max Kuhl, counselor for the San Francisco Industrial Association and Robt. Newton Lynch, vice-president of the Chamber of Commerce.

CARPENTERS WAGE INCREASE IS DISCUSSED AT RENO

Conferences will be started in Reno, Nevada between representatives of the carpenters and the contractors of Reno relative to the wage scale to prevail in that community during 1924. Officials of the carpenters' union stated that the employes would go into the conference without any formal demands and that they expected to conclude amicable agreement to govern working conditions during 1924. Members of the Builders' Exchange and the Contractors' Association said that no formal proposals had come to them from the carpenters but that the latter had asked for a meeting of conference committees to consider an agreement for the coming year.

At the present time the carpenters at Reno receive $8.60 a day. About one year ago they demanded a scale of $9 per day, and a strike followed upon a refusal of the employers to grant it. The $8.60 scale was a compromise. Officers of the local union refused to confirm an unofficial report that they would ask for a $9 a day scale.

BRICKLAYERS DEFEND THEIR OWN INTEGRITY

Representatives of the plasterers and bricklayers' union recently appeared before the Philadelphia Board of Education to defend the honor of their craft against contractors. Indignantly they denied they received $18 a day on school jobs. They admitted they received $15 a day and sometimes earned $19.25 a day for working overtime. The plasterers and bricklayers refused to accept responsibility for delay in the building of schools and passed the "buck" to impecunious subcontractors, who reduce the number of workmen to meet their pay roll.

Building News Section

APARTMENTS

Contractor Taking Sub-Figures—Contract Awarded.
APT. HOUSE Cost, $18,600
RICHMOND, Contra Costa Co, Cal., 20th St. and Nevin Ave.
Two-story frame apt. hse 1 7-room flat and 5 3-room apts.
Owner—Dan Isenberg and Harry Goldwater.
Architect & Contractor—S. B. Robertson, 248 14th St., Richmond.

Plans Being Prepared.
BUNGALOWS Cost, $22,000
SAN JOSE, Santa Clara Co., Cal., Park Avenue.
Ten 1-story frame and stucco 2 & 3-rm. bungalows (Bungalow Court).
Owner—Mat Glennon.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Plans Completed.
APARTMENTS Cost, $10,000
OAKLAND, NW Cor. 13th Ave. & Bella Vista Avenue.
Two-story 12-room frame apts.
Owner—P. MacMahon, 1216 E 11th St., Oakland.

Plans Complete—Figures To Be Taken Shortly.
APT. HOUSE Cost, $90,000
SAN FRANCISCO, N Jackson St. 100 E Buchanan.
Five-story class C reinforced concrete apartment house.
Owner—S. L. Peiser.
Architect—MacDonald & Couchot, 234 Pine St., San Francisco.

Contract Awarded.
APT. HOUSE Cost, $30,000
OAKLAND, SW E-14th & 6th Ave.
Two-story frame 36-room apt. house.
Owner—Kate Hutson.
Contractor — California Builders Co., 1538 Franklin St., Oakland.

Contract Awarded.
ADDITION Cost, $20,000
SAN FRANCISCO, W Powell near Polk
Addition for apartments.
Owner—Mrs. M. J. Lollier, 2820 Scott St., San Francisco.
Architect—None.
Contractor—W. McKenzie, 2817 Pine S. San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $20,000
SAN FRANCISCO, NW 3rd Ave. and Irving.
Two-story and basement frame (8) apartments.
Owner—Arthur H. Klahn, 1334 21st Ave., San Francisco.
Architect—None.

Plans Being Figured.
APARTMENTS Cost, $30,000
SAN FRANCISCO, S 26th bet. San Jose Ave. and Guerrero.
Two and 3-story and basement frame and stucco apts (10 3-room apts.)
Owner—Withheld.
Architect—L. Traverso, 854 Union St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $18,000
OAKLAND, S 29th St. 223 E Grove St.
Two-story frame apts. (4 5-room apts. and garage).
Owner—Eliz. K. Clow, 605 29th St., Oakland.
Contractor—Harry C. Knight, 388 12th St., Oakland.

Contract Awarded.
APARTMENTS Cost, $16,900
SAN FRANCISCO, E Mason 60 S Green.
Two-story and basement frame (4) apartments.
Owner—S. Biondi, 738-A Green St., San Francisco.
Architect—L. Traverso, 854 Union Et., San Francisco.
Contractor—G. Ghezzi, 82 Valparaiso.

LOS ANGELES, Cal.—L. A. Smith, 205 Lilly-Fletcher Bldg., 3rd St. and Western Ave., has prepared plans for a 4-story brick apartment house to be erected on 11th St. bet. Lake St. and Grandview Ave., for Robert V. New. Dimensions 143x78 ft., 144 rooms, 72 apartments, brick walls, press. brick and cast stone facing, comp. rfg., fire escapes, metal skylights, pine trim, marble and tile work, wall beds, oak and pine flrs., steam htg., elevator; cost $120,000.

LONG BEACH, L. A. Co., Cal.—Architects Davies & Baume, 1011 Farmers & Merchants Bank Bldg., Long Beach, are preparing plans for a $115,000 4-story 39-suite brick apt. bldg. to be erected at 4th St. and Pacific Ave., Long Beach, for Mr. Savage. Full basement, press. brick and art stone facing, marble entrance, comp. rfg., hardwood flrs., tile baths and drainboards, disap. beds, steam heat, aut. electric elevator.

LOS ANGELES, Cal.—L. T. Mayo, 531 Black Bldg., has the contract to erect a 72-room 35-apt. bldg. on Union Dr. bet. 6th and Acacia Sts., for William Ranft. Three-story 60x128 ft., frame and plas. constr., comp. rfg., pine trim, oak and pine flrs., wall beds, tiled baths, steam htg., water htrs., $90,000.

LOS ANGELES, Cal.—Archts. Meler & Bounetheau, 526 Title Insurance Bldg. (825948), is preparing plans for a 16-room apt. bldg. with 13 garages, to be erected at 310 N New Hampshire Ave. Owner withheld. Frame and stucco constr., tile rfg., tile baths and drainbds., gas rads., aut. water htrs., shrdwood flrs., pine trim, common incinerator; $52,000.

LOS ANGELES, Cal.—J. H. Woodworth & Son, 4354 3rd St., has the contract to erect a 3-story class C apt. house on Sunvue Place near Boylston St. for Morris Haytis. Dimensions, 65 by 92 ft., 70 rooms, 36 apts., 6 hotel rooms, frame and plas. constr., comp. rfg., pine trim, oak and pine flrs., tiled baths, wall beds, gas rads., water htrs.; $65,000.

LOS ANGELES, Cal.—H. D. Frankfurt, 1096 N Western Ave., has the contract to erect a 2-story brick store and apt. house at n.e. cor. of Pico and Fedora Sts., for L. A. Rose. Dimensions 102x123 ft., brick walls, press. brick facing, plate glass, steel beams, comp. rfg., pine trim, tiled baths, water htrs., gas rads; $75,000.

BONDS

SHAFTER, Kern Co., Cal. — L. E. Chenoweth, county supt. of schools, advocates erection of a branch high school, advocates erection of a branch high school in Shafter, the structure to be financed through a bond issue.

SAN BERNARDINO, Cal.—A bond issue for $300,000 to erect junior high schools at San Bernardino, Highlands and Rialto, carried at recent election.

McFARLAND, Kern Co., Cal—McFarland Grammar School District votes bonds of $50,000 to erect new school.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS 11.25 Net
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF.

SAN JOSE, Santa Clara Co., Cal.—Willow Glen School District votes bonds of $92,000 to finance construction of new grammar school. Wyckoff & White, Growers Bank Bldg., San Jose are the architects. The structure will be 2 stories high of reinforced concrete construction.

CHURCHES

Plans Being Prepared.
CHURCH Cost, $125,000
SACRAMENTO, Cal, 27th and L Sts.
One-story brick and terra cotta church
Owner—First Congregational Church.
Architect — E. C. Hemmings and L. Stark, Ochsner Bldg., Sacramento.

FACTORIES AND WAREHOUSES

Plans Being Prepared.
EXTENSION Cost, $50,000 1st unit
SACRAMENTO, 10th and R Sts.
Extension to 2-story and basement reinforced concrete, brick and steel sash bldg. (glass storehouse and workshop).
Owner—W. P. Fuller & Co.
Architect — E. C. Hemmings and L. Starks, Ochsner Bldg., Sacramento.
This is the structure that was recently partly destroyed by fire. Another addition will be made later.
Plans will be ready for figures in about 3 weeks.

Contract Awarded.
FACTORY Cost, $17,000
SAN FRANCISCO, W 4th St. 48 S Folsom.
One-story reinforced concrete class C factory.
Owner—O'Brien-Kiernan Inv. Co., 608 Alexander Bldg., San Francisco.
Contractor — Kiernan & O'Brien, 608 Alexander Bldg., San Francisco.

Plans Completed.
WAREHOUSE Cost, $12,000
OAKLAND, S E-14th St. E 54th Ave.
One-story warehouse
Owner—General Elec. Co., 5441 E-14th St., Oakland.

Plans Completed.
COLD STORAGE BLDGS. Cost: $30,000 to $50,000 each
CALIFORNIA, Vallejo, Hayward, Hollywood, Riverside and Tropico.
Six 2-story reinforced concrete cold storage buildings.
Owner—National Ice & Cold Storage Company.
Architect & Contractor—Davis-Heller Pearce Co., Delta Bldg., Stockton.

Contractor Taking Sub-Figures.
LOFT BLDG. Cost, $50,000
SAN FRANCISCO, E Tenth St. N Bryant Street.
Two-story reinforced concrete scenery painting loft.
Owner—Louis R. Lurie.
Lessee—Rosenthal Entertainers, Inc.
Architect—O'Brien Bros, 315 Montgomery St., San Francisco.
Contractor—Yukicevich & Bagge, 815 Bryant St., San Francisco.
Sub-figures are being taken for reinforcing steel, sheet metal work, plastering, roofing, steel sash & glass.

Contractor Taking Sub-Figures.
WAREHOUSE Cost, $25,000
SAN FRANCISCO, 19th & Alabama Sts.
One-story reinforced concrete warehouse.
Owner—J. W. Bender (Bender Roofing Co.)
Architect—Meyer & Johnson, Bankers Inv. Bldg., San Francisco.
Contractor — Lindgren-Swinerton Co., Inc., Standard Oil Bldg., S. F.

Plans Completed.
FACTORY Cost, $10,500
SAN FRANCISCO, E Rodger 225 S Folsom.
Two-story brick factory.
Owner—H. Schulte & Son, 475 Bryant St., San Francisco.
Architect—None.

Excavation Started — Steel Contract Awarded.
STRUC. STEEL Cost, $200,000
SAN FRANCISCO, W Maryland 150 N 23rd St.
Steel frame addition to Char House building.
Owner—J. D. & A. B. Spreckels Securities Co., as Western Sugar Refinery, 2 Pine St., S. F.
Designer—Engineering Dept. of Owner
The excavating is being done by the owner. Concrete foundation will also be done by the owner under the supervision of Mr. Moroney.
Bids for the brick work, plumbing, electrical work, etc. will be taken in about 2 months.
As reported yesterday the structural steel has been awarded to the Pacific Rolling Mill Co., 17th and Mississippi Sts., S. F., at $99.79 per ton.

Ready For Figures December 14th.
WAREHOUSE Cost, $20,000
SAN FRANCISCO, near Howard St.
1½-story class C brick warehouse.
Owner—L. R. Lurie.
Architect—O'Brien Bros. 315 Montgomery St., San Francisco.

Permit Applied For.
FACTORY ETC. Cost $—
SAN FRANCISCO, 5th and Bryant St.
Three-story class C factory and warehouse.
Owner—R. W. Kinney Co.
Architect—Benj. G. McDougall 353 Sacramento St., San Francisco.
Contractor—Cahill Bros., 110 Sutter St. San Francisco.

LOS ANGELES, Cal.—Arch. Albert C. Martin, 228 Higgins Bldg., is preparing plans for an eight-story and basement Class A warehouse to be erected at the southeast corner of Pico and Normandie Sts., for August Wohlfarth. Dimensions, 50x130 ft., reinforced concrete construction, plaster exterior, steel sash, composition roofing, metal skylights, 2 elevators. Cost, $160,000.

ALHAMBRA, L. A. Co., Cal.—American Liquid Metre Co., mfrs. of the Bassler liquid measuring apparatus, has been incorporated under the laws of Washington with a capital of $500,000, with C. H. Warner of San Gabriel, inventor of the Warner speedometer, as vice president, will erect a $100,000 factory in Alhambra north of Orange St., bet. Fremont Ave. and Date St. The first unit will be of saw-tooth constr. with approx. 10,000 sq. ft. floor space.

SAN DIEGO, San Diego Co., Cal. — San Diego Smelter Co. has selected a site of 60 acres at San Ysidro, about one mi. from the Mexican border. Work on a group of smelter units will start at once. The plant will handle gold, silver and copper ore. The first units to be built will cost $125,000. Later construction will bring the total of proposed expenditures to $300,000. Albert Sampson, gen. mgr.; H. T. Duff, of Glendora, president.

NEWPORT BEACH, Orange Co., Cal. —Orange County Lumber & Box Co. will start work Jan. 1 on the proposed lumber plant of the company at Newport Harbor, where a 32-acre tract has been secured. A. Forbes, Costa Mesa, engineered the sale of the land. The company which is incorporated for $200,000, has as its directors: James Irvine, Jr.; C. S. Chapman, A. S. Ralph, W. A. Proctor, J. D. Spennetta and E. J. Irvine.

SAN DIEGO, San Diego Co., Cal. — Archts. Ashley & Evers, 518 Mortgage Guarantee Bldg., have completed sketches for a 4-story store and loft bldg. to be erected at s.w. cor. C and 7th Sts., San Diego, for the Dohrman Commercial Co. of San Francisco. It will probably be class A constr., with press. brick facing, comp. rfg., elevator etc.; cost $150,000.

HERMOSA BEACH, L. A. Co., Cal.—F. M. Grannis and John MacCrady have the contr. and have started work on the first unit of the proposed plant of the Golden State Silk Mill Inc. The first four bldgs. will have a floor area of 53,000 sq. ft. The company is incorporated for $1,000,000; E. J. Young, pres. of the Hermosa Beach National Bank, is pres. of the silk mills company.

LOS ANGELES, Cal.—National Paper Products Co. and Zellerbach Paper Co., 220 S Los Angeles St., J. Y. Earun, gen. mgr., have purchased a 25-acre tract at Cudahy Station and will erect a paper mill at a cost of $2,500,000. No architect or engineer has been retained.

MADERA, Madera Co., Cal. — J. O. Rue, county surveyor of Madera county, has prepared plans for a one-story 25 by 36-ft. warehouse to be erected for Newton Gonzales adjoining the Mercury Building. Construction will start in two weeks.

OAKLAND, Cal.—Representatives of Henry Ford are considering purchase of lands offered by the E. K. Wood Lumber Co., and the Standard Gas Engine Co., on which it is proposed to erect an automobile assemblying plant with a daily capacity of 4000 cars. The plant with equipment, it is estimated, will cost approximately $3,000,000.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

FLATS

Contract Awarded.
FLATS Cost, $14,000
BERKELEY, Alameda Co., Cal. No. 1647-49-51-53 Euclid Ave.
Two-story 16-room flats.
Owner—E. J. Peterson, 2528 Grant St., Berkeley.
Architect—None.
Contractor—Louis O. Hansson, 1409 Bonita Ave., Berkeley.

Plans Being Prepared.
FLAT BLDGS. Cost, $11,000
SAN FRANCISCO, S Francisco W Franklin.
Two 2-story frame and plaster flat bldgs. (2 flats each).
Owner—A. Cheli.
Architect—S. Heiman, 57 Post St., San Francisco.

To Be Done By Day's Work.
FLATS Cost, $9000
SAN FRANCISCO, N Jersey 25 E Vicksburg.
Two-story and basement frame (2) flats.
Owner—C. Hermanson, 323 Clipper St., San Francisco.
Architect—None.

GARAGES

Plans To Be Prepared.
GARAGE Cost, $30,000
SAN FRANCISCO, N 18th St. E Sanchez.
One-story reinforced concrete garage 50 by 275.
Owner—J. Pelaprat, 149 3rd St. and 202 14th St., San Francisco.
Architect not selected.

Owner Taking Figures.
GARAGE Cost, $85,000
EMERYVILLE, San Pablo Ave. bet. 38th and 39th Aves.
One-story reinforced concrete auto sales and garage bldg.
Owner—Cozzens-Ball Inc., 48th St. and San Pablo Ave., Oakland.
Architect — Frederick Soderberg, 276 Perkins St., Oakland.

GOVERNMENT WORK AND SUPPLIES

Plans Completed
STOREHOUSE Cost, $400,000 approx
FORT MASON, Cal.
Three-story reinforced concrete storehouse 900 by 95.
Owner—U. S. Government.
Architect — Constructing Quartermaster Office, Fort Mason.
Plans have been forwarded to Washington for approval.

Plans To Be Prepared.
POST OFFICE BLDG. Cost, $—
SAN FRANCISCO Embarcadero, Washington & Merchant Sts. 289 by 206 by 141 ft.
Four-story and basement fireproof Post Office building.
Owner—Jacob Kulp, Chicago.
Lessee—U. S. Government.
Architect not selected.

KEYPORT, Wash.—Until Jan. 2, 11 a. m., bids will be rec. by Bureau of Yards and Docks, Navy Department, under Specification No. 4926, to construct one-story extension to naval radio station at Keyport; will have conc. foundations, floor, roof, exterior platform, brick wall, metal sash and composition roofing. Deposit of $10 required for plans obtainable from above.

SAN DIEGO, Cal.—Bureau of Yards and Docks, Navy Department, Washington, D. C., preparing Specification No. 4933 for barracks and storehouse at San Diego.

HONOLULU, T. H.—Bids are being received by the Custodian, U. S. Post Office, Honolulu (date not set) to install partitions in Honolulu postoffice. Further information obtainable from above.

SAN FRANCISCO—Following bids rec. by U. S. Engineer Office to dry dock, repair and paint 2 20-in. pipe line dredges and auxiliary plants:

Bid 1. Moore Dry Dock Co.
2. General Engineering and Dry Dock Co.
3. Navy Yard, Mare Island.
4. Hanlon Dry Dock and Shipbuilding Co.
5. Crowley Launch and Tugboat Co.
6. Bagley-Nunes Co.
7. Bethlehem Shipbuilding Co.

Dry docking all dredges and equipment—Bid 1, $2,183.25; 2, $1568; 3, $1945; 4, $836; 7, $1450. Bids 5 and 6 bid for part of the equipment only at prices, respectively, as follows: Rio Vista, $29.30 and $42; Pit, $35 and $42; Fall, $35 and $42; barge E, $61.25 and $63; barge G, $28.75 and $52.80; barge H, $28.75 and $52.80.

For cleaning, scraping, etc., hulls of Sacramento and San Joaquin—Bid 1, $1600; , $1,017; 3, $1910; 4, $600 each; 7, $1225.

For oakum and cotton (prices are for 1 strand of cotton and 1 thread of oakum, 2 strands of oakum, 3 threads of oakum, 4 threads of oakum, and cementing, prices respectively)—Bid 1, 8c, 10c, 12c, 14c, and 3c; 2, 11c, 9c, 12c, 15c, and 2c; 3, 7.5c, 9c, 10.5c, 12c, and 5c, 7c, 7c, 8c, 8c, and 2c; 6, 6c, 9c, 12c, and 3c; 7, 8c, 8c, 10c 12c, and 3c.

Covering dining room—Bid 1, 78c; 2, 06c; 3, 58c; 4, 65c; 7, 55c on wood, 80c on steel.

For cleaning and painting hulls of 3 launches and 3 barges: Rio Vista—Bid 1, $79; 2, $48; 3, $130; 4, $54; 5, $88.52; 6, $99.13. Pit—1, $79; 2, $38; 3, $130; 4, $40; 5, $68; 6, $141. Fall—Bid 1, $79; 2, $38; 3, $130; 4, $40; 5, $68; 6, $141. Barge E—Bid 1, $468; 2, $172; 3, $318; 4, $178; 5, $189; 6, $599.55. Barge G—Bid 1, $98; 2, $77; 3, $185; 4, $100; 5, $247; 6, $191.25. Barge H—Bid 1, $98; 28, $70; 3, $185; 4, $100; 5, $247; 6, $191.25. Undtr this item bid No. 7 offers to furnish paints for the hulls as follows: $35, $30, $30, $85, $60, and $60, and for cleaning and applying, respectively, $30, $20, $20, $45, $30, and $30.

WASHINGTON, D. C.—Until Dec. 19, 10:30 a. m., bids will be rec. by Panama Canal Commission to fur. and del. Balboa (Pacific Port), under Circular No. 1579: Gasoline engines, pumps, steel wire rope, brass tubing, copper and brass wire, hoists and blocks, furnace cement, etc. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

WASHINGTON, D. C.—U. S. Public Health Service announces that "plans for the enlargement of the Marine Hospital at San Francisco and for a new Marine hospital at Seattle, Wash., are receiving serious consideration at Washington". Funds to finance construction are not yet available, the report says.

SAN FRANCISCO — Following bids rec. by Constructing Quartermaster, Fort Mason, for oil burning equipment and oil tank at Fort McDowell:

Item 1, oil-burning equipment, complete; 2, deduct for omission of burners in 2 ranges; 3, deduct if tests are omitted; 4, oil storage tank and pipe lines, complete; 5, deduct for furnishing 25,000-gal. tank; 6, do 20,000-gal. tank; 7, entire work, items 1 to 4, inclusive.

S. T. Johnson & Co., San Francisco, item 1, $3103; 2, $120; 3, $200; 4, $2,713; 5, $150; 6, $300; 7, $5816; start 10 days, complete 60 days, accepted for items 1 and 3.

H. G. Thiele, Call Bldg., San Francisco, item 4, $2693; 5, $125; 6, $285; start 3 days, complete 30 days, accepted items 4 and 6.

Abell & Co., San Francisco, item 4, $3149; 5, $130; 6, $300; start 15 days, complete 100 days.

James Currie, Burlingame, Cal., item 1, $3746; 2, $265; 3, $150; 4, $5567; 5, $175; 6, $375; 7, $9074; start 10 days, complete 120 days.

John E. Buckley, San Francisco, item 4, $2963; 5, 200; 6, $300; start 3 days, complete 40 days.

The Turner Co., San Francisco; item 1, $4722; 2, $650; 3, $400; 4, $3259; 5, $170; 6, $320; 7, $7981; start 15 days, complete 90 days.

B. P. Lientz & Co., Los Angeles, Cal., item 1, $3950; 2, $307; 3, $600; 4, $3176; 5, $305; 6, $396; 7, $7126; start 10 days, complete 60 days.

MARE ISLAND, Calif. — Until Jan. 16, (revised date to open bids), bids will be rec. by Bureau of Yards and Docks, Navy Department, under Specification No. 4717 for 2 50,000-bbl. fuel oil tanks, 3 motor-driven centrifugal oil pumps, 1 motor-driven centrifugal pump for fresh water, 1 motor-driven foam chemical agitating pump, air compressors, foam solution tanks on steel towers, earth embankments around fuel oil tanks, 3 pump houses, tank heater house, valve chambers, catch basins, and necessary piping, valves, and fittings at the navy yard, Mare Island, Calif. The pump houses and heater house will have concrete foundations, brick walls, wood roof framing and slate and tin roofing. Drawings and specification, No. 4717 may be obtained on application to the bureau of to the commandant, navy yard, Mare Island, Calif. Deposit of a check of postal money order for $20 payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawings and specification. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—Jones Bros. Asbestos Supply Co., 512 2nd St., San Francisco, at $4733 awarded contract by Constructing Quartermaster, Fort Mason, for roofing storehouses at Presidio.

WASHINGTON, D. C.—Following is list of prospective bidders on U. S. Government projects on Pacific Coast:

Puget Sound, Wash., buildings, sewer, water and heating systems; Specification No. 4895; date to open bids not set:

Austin Engineering Co., 121 W 42nd St., New York City.
Crane Co., 1221 Eye St., Washington.
Newport Contracting and Engineering Co., Law Building, Newport News, Virginia.
Ajax Tank and Tower Co., 1407 W 27th St., Chicago.
Circle Construction Co., 59 Pearl St., New York City.
Pearl Harbor, T. H., storehouse; Specification No. 4911, date to open bids not set:
Emil Pohl, 405 Railway Exchange Building, Seattle, Wash.
Strang Electric Co., 214 S 7th St., Philadelphia.
W. F. Martens, 112 Cutler Building, Rochester, N. Y.
Otis Elevator Co., 810 18th St., N. W., Washington.

Mare Island, Calif., fuel oil storage: Specification No. 4717 bids to be opened Jan. 16:

Howard Iron Works, Buffalo, N. Y.
Admiral & Co., 1 Dominick St., New York City.
G. E. Engineering Co., Inc., 449 W. 42nd St., New York City.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Yards and Docks Navy Department, for fur. and del. materials to Navy Yards, as follows; (date to open bids as noted at close of each paragraph):

Schedule 1658, for Mare Island, 6500 lbs. rust-preventive compound, Dec. 28.
Sched. 1659, for Mare Island, 5500 lbs. muriatic acid; for Mare Island 1404 lbs. sulphuric acid; for Puget Sound, 10,000 lbs. do, Dec. 28.
Sched. 1660, for Mare Island, 15,000 lbs soda ash, Dec. 28.
Sched. 1661, for Mare Island, 600 padlocks, Dec. 28.
Sched. 1662, for various eastern and western yards, 625,000 shipping tags; 7900 dating stamps, 5100 bots writing ink and 10,000 sheets stencil paper, January 8.
Sched. 1669, for eastern and western yards, miscellaneous rubber, leather and asbestos gloves, Jan. 8.
Sched. 1671, for eastern and western yards, nickel silverware, Jan. 8.
Sched. 1672, for Mare Island and Puget Sound, 6068 scrubbing brushes, January 8.
Sched. 1673, for San Diego, 1000 qts. fire extinguisher liquid, Jan. 8.

ELKO, Nevada—Bill has been introduced by Congressman Chas. Richards of Nevada, seeking the erection of a $150,000 structure in Elko to house offices of the Federal government.

See "Hospitals," this issue.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE. WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

HALLS AND SOCIETY BUILDINGS

Figures Being Taken From a Selected List of Contractors.
BUILDING Cost, $400,000
LONG BEACH, L. A. Co., Cal.
Five-story and basement reinforced concrete Y. W. C. A. bldg.
Owner—Y. W. C. A.
Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.
Figures are being taken for a general contract from a selected list of Long Beach contractors. Plans obtainable from the secretary of the "Y".

Plans Being Prepared.
LODGE BLDG. Cost, $14,000
SAN JOSE, Santa Clara Co, Cal., 5th St.
Two-story frame and stucco lodge bldg T & G roof.
Owner—Woodmen of the World.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Plans To Be Prepared.
FRATERNITY HOUSE Cost, $30,000
BERKELEY, Alameda Co., Cal, Euclid Avenue.
Two-story frame and stucco fraternity house.
Owner—Del Rey Fraternity.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.

All Bids Rejected—New Bids To Be Called For In a Few Days.
LODGE BLDG. Cost, $100,000
WOODLAND, Yolo Co., Cal. Bush and College Sts.
Two-story reinforced concrete lodge building.
Owner—Elks Lodge.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Bids ran over the amount available for the building and plans will be slightly revised.

LONG BEACH, L. A. Co., Cal.—Palos Verdes Lodge, No. 389, Masonic order of Long Beach, is having drawings made by Archts. Davies & Baume and Wright & Gentry, Long Beach, for a $172,000 4-story brick and terra cotta commercial and lodge bldg. to be erected on a 50x150 ft. site on e. side Pine Ave. n. of 7th St., Long Beach. The lower floor and basement will be designed for business use and the upper floors for club and lodge rooms. Lloyd W. Vale, worshipful master, is in charge of arrangements.

EVERETT, Wash. — Everett Aerie, No. 13, Fraternal Order of Eagles, Building Corporation authorizes preparation of plans for new $170,000 lodge hall. Architect is yet to be determined. Offices of the corp. are: E. M. Turner, president; H. M. Neville, vice president; P. R. Duecy, secretary; William Webb, treasurer. Other members of the corporation are Arthur Forslund, Henry Wehorg, Odin Hall, George Vingen and M. T. Allman .

CEDAR PINES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., L. A., has been commissioned to prepare plans for a 2-story club bldg., to be erected at Cedar Pines, on the Rim of the World Dr., for the Bohemian Mountain Club; it will contain 16 rms., dining room, library, kitchen, billiard room and offices. Cedar log walls, 2-story, shake rf., tile baths, elec. htg., fireplace, rustic inter; there will also be tennis courts and a 9-hole golf course; cost $70,000.

HOSPITALS

Plans Being Figured—Bids Close Dec. 29, 1923, 11 A. M.
HOSPITAL BLDGS. $1,000,000 approx
LIVERMORE, Alameda Co., Cal.
Group of about 12 hospital buildings with stuccoed hollow tile walls, reinforced concrete floors, slabs, Spanish style, tile and composition roofing.
Owner—U. S. Veterans' Hospital.
Architect — Construction Division of the Bureau, Washington, D. C.
The following firms have applied for plans from Mr. Radcliffe:

Building Construction

Mahony Bros., Flood Bldg., San Francisco.
Robert Trost, 26th and Howard St., San Francisco.
Lange & Bergstrom 721 Sharon Bldg. San Francisco.
Reilly & Nemetz, New Call Bldg., San Francisco.
Christensen & Anderson, Palo Alto.
Gladding, McBean & Co., Crocker Bldg., San Francisco.
Edw. L. Soule, 912 Rialto Bldg., San Francisco.
W. S. Wetenhall Co., 706 Atlas Bldg., San Francisco.
California Brick Co., 706 Mission St., San Francisco.
Sunset Lumber Co., 1st & Oak St., Oakland, Cal.
John H. Robertson, 621 1st National Bank Bldg., San Francisco.
W. J. Cameron & Co., 400 Chamber of Commerce Bldg., Denver, Colorado.
S. F. Planing Mill Owners, Room 205 185 Stevenson St., San Francisco.
Schuler & McDonald, 308 12th St., Oakland, Cal.
Hannah Bros., 142 Sansome St., San Francisco.
Anton Johnson, Kingsburg, Cal.
Robt. E. McKee, 1007 So. Grand Ave., Los Angeles, Cal.
Abeel & Co., Call Bldg., San Francisco, California.
Emeryville Hdw. Co., 3862 San Pablo Ave., Emeryville, Cal.
Truscon Steel Co., 709 Mission St., San Francisco.
Builders Exchange of Alameda County, 351 12th St., Oakland.

Heating Contractors

L. Latourrette-Fical Co., 907 Front St., Sacramento, Cal.
H. S. Newman, 2004 Telegraph Ave., Oakland, Cal.
Lawson & Drucker, 450 Hayes St., San Francisco.
The Turner Co., 272 Natoma St., San Francisco.
Antone Lettich 365 Fell St., San Francisco.
Geo. A. Schuster, 1035 Elsinore Ave., Oakland, Cal.
Chas. C. Moore, Sheldon Bldg., San Francisco.

Water Supply, Plumbing and Sewers

Wm. F. Bunce, 224-226 Salmon St., Portland, Oregon.
W. H. Picard, 5645 College Ave., Oakland, Cal.

Electrical Equipment Contractors

F. E. Newberry Elec. Co., 381 Bush St., San Francisco.
Decker Elec. Const. Co., 149 Montgomery St., San Francisco.
Butte Elec. Equip. Co., 530 Folsom St. San Francisco.
Crown Elec. Co., 153 Eddy St., San Francisco.
Roberts Mfg. Co., 663 Mission St., San Francisco.
W. E. Ryan, Redwood City, Cal.

Refrigeration Plant Contractors

Cyclops Iron Works, 847 Folsom St., San Francisco.
York Calif. Const. Co., 832 Folsom St. San Francisco.
Plans may be obtained from the Construction Division, U. S. Veterans' Bureau, Room 791-A Arlington Bldg., Washington, D. C., or from H. Radcliffe, Bureau Representative, Livermore, Cal. Deposit of $100 required. **See official call for bids under official proposals.**

Date of Opening Bids Extended.
Plans Being Figured—Bids Close Dec. 29, 1923, 11 A. M.
HOSPITAL BLDGS. $1,000,000 Approx
LIVERMORE, Alameda Co., Cal.
Group of about 12 hospital buildings with stuccoed hollow tile walls, reinforced concrete floor, slabs, Spanish style, tile and composition roofing.
Owner—U. S. Veterans' Hospital.
Architect — Construction Division of the Bureau, Washington, D. C.
Plans may be obtained from the Construction Division, U. S. Veterans' Bureau, Room 791-A Arlington Bldg., Washington, D. C., or from H. Radcliffe, Bureau Representative, Livermore, Cal. Deposit of $100 required. **See official call for bids under official proposals.**

LA JOLLA, San Diego Co., Cal.—A permit for the foundation for the new $100,000 hospital to be erected in La Jolla Park by Ellen B. Scripps, has been issued. The found. will cost $10,000. The bldg. will be of class A conc.; steel and reinf. conc. constr., to accommodate betw. 100 and 200 patients. Nicholson & Simpson have the contract. Louis J. Gill, San Diego, is the archt.

SACRAMENTO, Cal. — Latourrette-Fical Co., 907 Front St., Sacramento, at $1903 awarded contract by supervisors to fur. and install light fixtures in service, children's and infectious wards at county hospital. Other bids: J. C. Hobrecht Co., $2012; Thos. Day Co., $2017; Roberts Mfg. Co., $2695.

HOTELS

LOS ANGELES, Cal.—L. A. Smith, 205 Lilly-Fletcher Bldg., 3rd and Western Ave., has prepared plans for a 4-story brick hotel bldg. to be erected on Fremont Ave., between 5th and 6th St., for Nina Kratz. Dimensions, 60x159 ft., brick walls, press. brick facing, comp. rfg., fire escapes, pine trim, marble and tile work, elevator, steam htg.; cost $100,000.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?
For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.
OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.
A. Quandt & Sons
Painters · Decorators
Since 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
Los Angeles

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Sub Figures Being Taken For Heating Plumbing and Electrical Work.
HOTEL Cost, $500,000
Three and five-story reinforced concrete hotel (about 200 rooms)
Owner—Romie Jacks, Monterey, Cal.
Architect—O'Brien Bros. 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 815 Bryant St., San Francisco.
Reinforced steel awarded to Gunn-Carle Co., S. F.
Cement to Pacific Portland Cement Co.
Lumber to Thos. Wurks.

Sub-Figures Being Taken.
HOTEL Cost, $500,000
MONTEREY, Monterey Co., Cal..
Three and five-story reinforced concrete hotel (about 200 rooms)
Owner—Romie Jacks, Monterey, Cal.
Architect—O'Brien Bros. 315 Montgomery St., San Francisco.
Vukicevich & Bagge, 815 Bryant St., San Francisco.
Reinforced steel awarded to Gunn-Carle Co., S. F.
Cement to Pacific Portland Cement Co.
Lumber to Thos. Wurks.

Contracts Awarded.
ADDITION Cost,$—
SALINAS, Monterey Co., Cal., 150 Main Street.
Four-story reinforced concrete class C hotel addition (cement exterior & composition roof).
Owner — Cominos Hotel, 150 Main St., Salinas.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
General contract to H. R. Sherman 528 Chapman St., San Jose, $65,139.
Heating and plumbing to Anderson & Dougherty of Salinas, $14,500.
Electrical work to Tosz Elec. Shop of. Salinas, $—.

LOS ANGELES, Cal.—Archt. Charles Simeon Levi, 327 Douglas Bldg., has been commissioned to prepare plans for an 85-room class C hotel bldg. Owner and location, temporarily withheld. Four-story 234x150 ft., brick construction, comp. rfg., 100% baths, large lobby and dining rooms; $150,000.

POMONA, L. A. Co., Cal.—Plans for a proposed Pomona hotel which is being sponsored by C. B. Afflerbaugh, Morris H. Wilson and Walter A. Booth, will be completed next week, and will be ready for presentation to local investors. Est. cost $200,000. The projected hotel will be built at Holt and Towne Aves. Adjoining the site of the new hotel, the men interested will build a 12-unit bungalow court for which bids will be asked this week.

LOS ANGELES, Cal.—Archt. Loy L. Smith, 218 Byrne Bldg., is taking bids for erecting a 14-story and basement class A store and hotel bldg. at 636-44 S Main St. for Metropolitan Hotel Corp. W. W. Paden and assoc. It will contain 620 rms. with 40% baths; dimensions, 92x147 ft., reinf. conc. constr., press. brick and terra cotta facing, plate glass, marble and tile work, 3 elec. elevators, steam htg.; $750,000.

LANKERSHIM, L. A. Co., Cal.—Archt M. Eugent Durfee, 204 Samuel Kraemer Bldg., Anaheim, archt. for the new proposed Fullerton community hotel, appeared recently before the committee in charge of the Lankershim hotel project, and presented facts and figures regarding probable cost, methods of financing, etc.

POWER PLANTS

LOS ANGELES, Cal.—Until 9 a. m., Jan. 3, bids will be rec. by city purchasing agent, 202 n city hall annex, for cable under spec. 806. Thos Oughton, purchasing agent.

ABERDEEN, Wash.—Following endorsement at city election of proposed municipal power development on the Wynooche river, city officials contemplate first steps in the $2,000,000 electrical project, the first move being to secure water rights which are now held bf J. C. Malinowski. If the project cannot be built for $3,000,000 the matter will be resubmitted to the voters to ascertain whether they want more money put into the project.

MONO COUNTY, Cal. — Southern Sierras Power Co., Los Angeles, will start work at once on hydro-electric generating plant on Owens River Gorge, in Mono county. Proposed plant will have a cap. of 13,400 h. p. and will produce 36,000,000 k. w. h. annually. Est. cost, $500,000. A. B. West, pres. of the company.

KLAMATH FALLS, Ore. — Bids received by California-Oregon Power Co. to construct new power plant on Link River in Klamath Falls, were rejected in September and construction will be started at once by force account. The plant will cost approx. $500,000 and will generate 4500 h.p.

LOS ANGELES, Cal.—Until 3 p. m., Dec. 14, bids will be rec. by public service comm., 207 S Bdwy., for rubber covered cable. Spec. P-322. Jac. P. Vroman, secy.

LOS ANGELES, Cal.—Until 3 p. m., Dec. 11, bids will be rec. by public service comm., 207 S Bdwy., for:

Galv. or sheradized conduit as follows: 1000 ft. 3-in.; 1000 ft. 4-in., and 3500 ft. 1-in. Spec. under P. A. Adv. No. P-170.

Insulating filling compound for Davis open-air potheads (200 cans of 2 gals each). Spec. under P. A. Adv. No. P-171. Jas. P. Vroman, secy.

COLTON, Cal.—So. Cal. Edison Co proposes to expend approx. $250,000 to enlarge local sub-station and to provire it with additional equipment.

DESCHUTES COUNTY, Ore. — F. R. Schanck, consulting engineer, Chicago, Ill., is completing plans for extensive development of hydro-electric power in Deschutes county for the Columbia Valley Power Co. Two dam sites have been selected near Madris and rights for construction obtained. A development of 175,000-h.p. in the first two units is possible. From 2 to 3 years will be necessary to develop the scheme.

NOTE:—The judges to decide the Sandy Pratt's new crushed rock and cr rock near Folsom, are:
R. D. Brigham, Vice-President, An
George Urquhart, Vice-president,
Matthew A. Harris, President, Van
John D. McGilvray, President, Mc
Max Sommer, Sommer & Kaufman,
The prizes are:
$100.00 worth of 7% cummulative
50.00 worth of common stock.
50.00 carload of crushed rock or
35.00 carload of clean, sharp san
15.00 Traffic Book—"Pratt's Ship

$250.00 Total in prizes.

best commercial or trade name for
ushed gravel to be produced at Pratt-

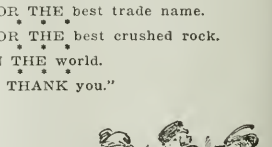
glo-California Trust Co.
White Truck Co.
Arsdale-Harris Lumber Co.
Gilvray-Raymond Granite Co.
Inc., Retail Shoes.

preferred stock

gravel.
d.
pers' Record Book."

ON NEXT Thursday.
* * *
IN THESE columns.
* * *
CALLED "PRATT'S Concrete Mix."
* * *
BY CLARENCE Sand Pratt, President.
* * *
OF THE Pratt Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
SANDY PRATT will announce.
* * *
WHAT THE above judges.
* * *
THINK IS the best name.
* * *
FOR THE most wonderful gravel.
* * *
AND CRUSHED rock.
* * *
IN ALL the world.
* * *
WHAT SANDY means.
* * *
IS GOOD, clean rock.
* * *
JUST LIKE Sandy Pratt's sand.
* * *
FROM MARYSVILLE and Sacramento.
* * *
AND PRATTCO (Monterey County).
* * *
THIS ROCK will be produced.
* * *
AT PRATTROCK, near Folsom.
* * *
ON THE Placerville-Tahoe Highway.
* * *
WHERE SANDY Pratt.
* * *
HAS ESTABLISHED "Motor Utopia."
* * *
"SPEED LIMIT 99 miles per hour.
* * *
FORDS DO your best."
* * *
SO, DEAR reader.
* * *
ON THURSDAY, December 20th.

WATCH THE Daily Pacific Builder.
* * *
AND SEE in these columns.
* * *
WHO WILL receive Christmas presents.
* * *
VALUED AT $250.00.
* * *
(FIRST PRIZE $100.00).
* * *
FOR THE best trade name.
* * *
FOR THE best crushed rock.
* * *
IN THE world.
* * *
"I THANK you."



Reading from left to right, Miss B. A Rockcandy, Mrs. I. C. U. R. Hardrock Miss Lotta Gravel, and Mrs. N. O. Clay all of Prattrock, near Folsom (home o Sandy Pratt's new crushed rock company). This is the "Boston Tea Party' near "Plymouth Rock." These ladies are talking about Rock (a fellow) and Sandy Pratt, producer of clean sand rock and gravel. They are gratefu that they live in the stone age.

SAN FRANCISCO—Until Jan. 9, 3 p. m., bids will be rec. by Board of Public Works for furnishing and delivering steel transmission towers for Mocassin Creek Power Plant of the Hetch Hetchy project, est. cost $500,000. A bond of $125,000 will be required of the successful bidder. Bids will be taken on 4 types of towers, namely: (1) standard; (2) heavy duty; (3) transposition and (4) special towers. Towers will be required to carry 2 three-phase circuits of 3 conductors per circuit, designed to operate at a potential of 154,000 volts, wye connected with grounded neutral. Each conductor will be suspended from a string of 10 units of suspension insulators for the standard towers and 12 units of heavy duty suspension insulators for the heavy duty towers. Specifications call for the following quantities of materials, the Board of Public Works having the right to increase the same: 394 standard towers, 98 heavy duty towers and 12 transmission towers, all wtih foundation stubs; 3 special towers with foundation steel; 60,000 lbs. tower extension steel.

Specifications obtainable from Bureau of Engineering, Board of Public Works, 3rd floor, City Hall. M. M. O'Shaughnessy, city engineer.

PUBLIC BUILDINGS

LOS ANGELES, Cal. — The supreme court has ruled that the board of supervisors may legally erect a memorial bldg. for the patriotic organizations of the county. Preliminary plans were prepared sometime ago by the Allied Architects Assn. and the supervisors will probably authorize the work to proceed at once. The bldg. contemplated will be a 5-story and basement class A structure of steel frame constr. It will be located on Figueroa St., bet. 8th and Washington Sts. It will contain clubrooms, dining rooms, etc., with an auditorium to seat 1200 people on the 5th floor. Cost, $500,000.

SANTA MONICA, L. A. Co., Cal.—Architect Edward Cray Taylor and Ellis Wing Taylor, engr., 713 W 8th St., have completed preliminary plans for addition to public library, at Santa Monica, for the City of Santa Monica. There will b ea 1-story, top add. to present 2-story bldg. and two 3-story side additions, 21x31 ft. and 31x53 ft., brick walls, tile rfg., press. brick facing, maple and pine fls., comp. rfg; $80,000. Bonds have been voted.

SAN FRANCISCO—Board of Supervisors authorizes preparations of plans to remodel O'Farrell Street Police Station in O'Farrell St., bet. Divisadero and Broderick Sts.

MARYSVILLE, Yuba Co., Cal.—Yuba County Board of Supervisors has voted to accept offer of Mrs. Phoebe Rideout to advance the county $167,000 to finance erection of 2-story reinforced concrete and steel memorial auditorium in Marysville. The funds advanced will be returned by the county, the payments to extend over a period of years. Preliminary drawings for the structure have been made by Miss Julia Morgan, architect, Merchants Exchange Bldg., San Francisco.

LOS ANGELES, Cal.—The Allied Architects Assn. 1128 Citizens Nat. Bank bldg., has completed plans and spec. for the structural steel work for the first unit of the new Museum of History, Science & Art, to be erected at Exposition Park for Los Angeles County. It will be 3-story and basement, 150x200 ft. The board of supervisors will advertise for bids for the structural steel shortly.

DAVIS, Yolo Co., Cal.—Wm. R. Fait, Woodland, at $3900 awarded contract by county supervisors to erect branch library at Davis. W. H. Weeks, architect, 369 Pine St., San Francisco. Other bids were: H. W. Robertson, Sacramento, $3991; Jensen and McGuire, Sacramento, $4143.

MARTINEZ, Contra Costa Co., Cal.—City trustees have informal bids under advisement to install city hall heating system, bids ranging from $1000 to $2000 for hot air and hot water systems

SONORA, Tuolumne Co., Cal.—Board of Supervisors votes to install oil heating system in county courthouse and county hospital.

PETALUMA, Sonoma Co., Cal. — City council will call election to vote bonds of $80,000 to finance erection of fire station and purchase of necessary motor fire apparatus. E. Lyman Green, city clerk.

MARYSVILLE, Yuba Co., Cal.—Yuba County Supervisors officially advise Marysville city council that the county will erect a suitable detention home building in Marysville if the city will provide the site. Council will appoint committee to secure necessary lands.

LOS ANGELES, Cal. — Southwest Chamber of Commerce are perfecting plans for a civic center to be erected on a 15-acresite near cor. of Manchester and Hoover Sts. at a cost of $500,000. An assessment district has been formed comprising about 20 sq. miles and containing 100,000 people, and an election will be held in about 30 days for the purpose of voting the bonds. It will have a complete social center with an auditorium to seat 2000 people, gymnasium, 2 swimming tanks, offices, kitchen, banquet hall, library, and will be of reinf conc. constr.; there will also be large playgrounds.

TULARE, Tulare Co., Cal.—Architect J. R. Henderson, Tulare, is preparing plans for remodeling city hall building for which bonds were recently voted.

LOS ANGELES, Cal.—Until 11 a. m., Dec. 31, bids will be received by the board of supervisors for alterations in offices of the L. A. board of supervisors department in the Hall of Records. Bids will be taken separately on carpenter work, mill work, marble work, structural work, mill work ,lathing, plastering and staff work, concrete work and tile partitions, ventilating ducts, painting and decorating, and metal stairway.

RESIDENCES

Permit Applied For.
RESIDENCE Cost, $15,000
SAN FRANCISCO, S Jackson 100 W Octavia.
Two-story and basement frame residence.
Owner—F. Grannis.
Architect—Edward E. Young, 2002 California St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $7800
BELMONT, San Mateo Co.
1½-story frame and stucco residence.
Owner—Arnold J. Hancom.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $8200
SAN JOSE, Santa Clara Co., Cal.
1-story and basement frame and stucco residence.
Owner—M. F. Pfeffer.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $12,000
SAN JOSE, Santa Clara Co., Cal.
Two-story and basement frame and stucco residence with tile roof.
Owner—Withheld.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $14,000
SAN JOSE, Santa Clara Co., Cal.
Two-story and basement frame and stucco residence, T & G roof.
Owner—Withheld.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

OAKLAND, Cal.—See "Schools," this issue.

Contract Awarded.
BUNGALOWS Cost, $38,982
REDWOOD CITY, San Mateo Co., Cal., Redwood Highlands, Lots 17 10 11 22 15 20 15 Blocks 17 14 14 31 27 31 37.
Seven 1-story 1-story frame bungalows
Owner—Redwood Highlands Co, Brewster St., Redwood City.
Contractor—Louis N. Pollard, 55 Brewster St., Redwood City.

Plans Being Prepared.
RESIDENCE Cost, $20,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence.
Owner—Withheld.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.

Plans Being Prepared—To Be Done By Day's Work.
DWELLINGS Cost, $6000 each
SAN ANSELMO, Marin Co., Cal.
Six 1-story frame dwellings.
Owner & Architect—S. Heiman, 57 Post St., San Francisco.

MEDUSA
WHITE CEMENT

LOW PRICES
FRESH STOCK

Pacific Materials Co.
525 Market Street San Francisco

Contract Awarded.
BUNGALOWS Cost, $32,100
REDWOOD CITY, San Mateo Co., Cal., Redwood Highlands, Lots 1 2 3 5 7 & 9 Blk 31.
Six 1-story frame bungalows.
Owner — Redwood Highlands Co., Brewster St., Redwood.
Contractor—Gus Walter, 220 Hudson, Redwood City.

Contract Awarded.
RESIDENCE Cost, $11,500
LOS ALTOS, Santa Clara Co., Cal., Los Altos Country Club Tract.
1½-story frame and stucco residence English style 6 rooms.
Owner—C. H. Sheldon.
Architect—Benj. Schreyer, 105 Montgomery St., San Francisco.
Contractor — Minton Lumber Co., 541 Front St., Mt. View.

Plans Being Prepared.
RESIDENCES Cost, $—
LOS ALTOS, Santa Clara Co., Cal., Los Altos Country Club Tract.
Several frame and stucco residences.
Owner—Withheld.
Architect—Benj. Schreyer, 105 Montgomery St., San Francisco.

Contract Awarded.
DWELLING Cost, $9000
OAKLAND, 840 Vermont St.
One-story 6-room dwelling.
Owner—F. P. King, 228 27th Ave., Oakland.
Contractor—A. Anderson, 3027 Florida St., Oakland.

Contract Awarded.
RESIDENCE Cost, $13,500
LOS ALTOS, Santa Clara Co., Cal., Los Altos Country Club Tract.
Two-story frame and stucco residence with tile roof, Spanish style, 6 rms.
Owner—Mr. W. Nossen.
Architect—Benj. Schreyer, 105 Montgomery St., San Francisco.
Contractor—Minton Lumber Co., 541 Front St., Mt. View.

Figures To Be Taken This Week.
RESIDENCES Cost, $7000 each
SAN RAFAEL, Marin Co., Cal.
Two 1-story frame and plaster residences.
Owner—M. Meyer, San Rafael.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans Being Prepared.
BUNGALOW Cost, $7000
OAKLAND, Bond and Cole Sts.
One-story frame and stucco duplex bungalow.
Owner—Chas. Wheeler.
Architect—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

To Be Done By Day's Work.
RESIDENCE Cost, $15,000
SAN FRANCISCO, W Santa Clara 108-6 N Monterey.
Two-story and basement frame residence.
Owner—S. A. Born Bldg. Co., Monadnock Bldg., S. F.
Architect—None.

Plans Being Figured.
APARTMENTS Cost, $22,000
SAN JOSE, Vine St. near Park Ave.
Two-story and basement frame and stucco apts. with tile roof (8 3-rm apartments).
Owner—Louis Carriene.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Plans Being Prepared—Figures To Be Taken In Two Weeks.
RESIDENCE Cost, $25,000
YUBA CITY, Sutter Co., Cal., 10 miles from Yuba City.
Two-story frame residence with rustic exterior (10 rooms and 3 bathrooms, electric heat.
Owner—Withheld.
Architect—Cole & Brouchoud, Waterland-Breslauer Bldg., Chico.

Plans Being Prepared.
BUNGALOWS Cost, $19,000
SAN JOSE, 7th St.
Eight 1-story frame and stucco 3-room bungalows (Bungalow Court).
Owner—Mr. Bemis.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

SCHOOLS

Plans Being Prepared.
RESIDENCE Cost, $—
OAKLAND, Alameda Co., Cal., Mills College.
Reinforced concrete residence with tile roof (Ethel Moore memorial residence).
Owner—Mills College.
Architect—Wm. H. Ratcliff Jr., First National Bank Bldg., Berkeley.
Funds are now being raised.

Contract Awarded.
INTERIOR FINISH Cost, $2395
STOCKTON, San Joaquin Co., Cal., Jackson school.
Interior finish for 2 classrooms in school.
Owner—City of Stockton.
Contractor—Shutes & Zinck, Exchange Bldg., Stockton.

Completing Plans.
ARTS BUILDING Cost: $75,000 1st unit; $300,000 complete.
OAKLAND, Alameda Co., Cal., Mills College site.
Two-story reinforced concrete & terra cotta arts building.
Owner—Mills College.
Architect—Wm. H. Ratcliff Jr., First National Bank Bldg., Berkeley.
Bids for the first unit will be called for in March or April.

Contract Let.
BUILDING Cost, $4500
HANFORD, Kings Co., Calif.
40 by 58 ft. extension to manual training shops building.
Owner—Corcoran Union High School District.
Architect—J. R. Henderson, Tulare.
Contractor—Carl Nelson, 216 W Florinda, Hanford, Calif.

Plans Being Prepared.
GYMNASIUM Cost, $125,000
POMONA, L. A. Co., Cal.
Two-story brick gymnasium and manuel arts, bleachers, etc.
Owner—Pomona High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco and Robt. H. Orr, 1305 Corporation Bldg., L. A., associated.

Bids To Be Asked In January.
SHOP BLDG. Cost, $30,000
HANFORD, Kings Co., Cal.
One-story with mezzanine floor concrete shop building.
Owner — Hanford Union High School District.
Architect—Coates and Traver, Rowell Bldg., Fresno.
Structure will be 156 by 96 ft. Two wings, one housing woodworking department with glue room; finishing room, lumber storage quarters, tool room and office. Other housing machine shop and automotive departments, including battery room, electrical room and tool room. Standard classroom will center the two wings.

SAN FRANCISCO—Board of Supervisors orders preparation of plans for yard improvements at Washington Irving school.

SAN FRANCISCO — Jos. M. Gwinn, City Supt. of Schools, has started survey of four districts in which it is planned to erect new high schools under the $12,000,000 school bond issue. The structures will be known as the Durant, South End High, Lowell High and Park-Presidio schools.

LOS ANGELES, Cal—Salih Bros., Detwiler Bldg., were awarded the general contract at $59,029 for erecting a new school building at 14th St. school site. Other contracts were awarded as follows: Plumbing to Ashworth & Gallop at $5498; heating to Frank Davidson at $5680; painting to Winvick Decorating Co at $1356, and wiring to Newbery Electric Corp. at $2533.

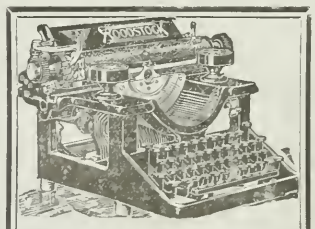
LOS ANGELES, Cal.—Until 9 a. m., Dec. 26, bids will be received by the board of education for general contract work for erecting the new Belvedere junior high school bldgs., s.e. cor. of Record St. and Brooklyn Ave.; Edgar H. Cline, archt. Bids for plumbing, wiring, heating and painting will probably be advertised for next week. The main bldg. will be part 2-story and part 3-story 247x135 ft., with a 2-story domestic science and cafeteria bldg., 144x44 ft., and bldgs. for boys' and girls' locker rooms; brick and conc. constr., press. brick and cast stone exterior, clay tile and comp. rfg., pine trim, maple floors, blackboards; cost $350,000.

SAN FRANCISCO—C. F. Weber & Co., SW Second and Mission Sts., at $9,710.14 awarded cont. by Board of Pub. Wks. to fur. and install auditorium chairs in Galielo High School auditorium For chairs installed on concrete floors, $6.96 each and on wood floors, $6.73 each.

CASTROVILLE, Monterey Co., Cal.—Until Dec. 22, 6 P. M., bids will be rec. by Joe Gambetta, Clerk, Castroville Union School District, to erect fire escapes on school, same to be of slide type. Spec. obtainable from Clerk.

NAPA, Napa Co., Cal.—Until Dec. 18, 7:15 P. M., bids will be rec. by Howard E. Roper, Clerk, Napa Union High School District, to furnish and install a hot water heater and storage tank at high school. Plans obtainable from clerk of W. H. Weeks, architect, 369 Pine St., San Francisco.

KING'S ORIENTAL STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

FRESNO, Fresno Co., Cal. — Until Dec. 21, 8 p. m., bids will be rec. by J. A. Poytress, clerk, Washington Union High School District, Route G, Box 61, Fresno, (1) to furnish and install auditorium seating and (2) to furnish and install lockers in main building. Spec. obtainable from Coates and Traver, architects, Rowell Bldg., Fresno. **See call for bids under official proposal section in this issue.**

PORTLAND, Ore. — Hansen, Hammond and Clist, Portland, at $155,863, low bidders to erect 2-story fireproof stucco exterior, tile roof, 24-classroom and auditorium, Glencoe school at East 51st and Belmont Sts. A. E. Doyle, architect, Worcester Bldg., Portland. Other low bids were: Plumbing: Rushlight, Hastorf and Lord, Portland, $13,577; Electric work: National Electric Co., Portland, $7500; heating and ventilating: W. S. Fleming, Portland, $20,553. Taken under advisement.

SANTA ROSA, Sonoma Co., Cal.—Until Dec. 24, 2 p. m., bids will be rec. by Sara N. Hatch, clerk Santa Rosa Union High School District, for plumbing, heating and ventilating and electrical work for high school annex, now under construction, the general contracts for which was awarded to Hannah Bros., 142 Sansome St., S. F. at approx. $340,000. W. H. Weeks, architect, 369 Pine St., San Francisco. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—Until Dec. 19, 3 p. m., bids will be rec. by Board of Public Works for general alterations to Sarah B. Cooper School at Lombard and Jones Sts; est. cost $5000.

Separate bids will be rec. on same date for general alterations to heating system in Sarah B. Cooper school, est. cost $2000.

Plans obtainable from Bureau of Architecture, 2nd floor, City Hall.

DURHAM, Butte Co., Cal.—The following bids were received on December 8th by the Board of Trustees of the Durham Union High School District for the construction of a one-story concrete high school building from plans prepared by Architects Cole & Brouchard, Fourth and Broadway streets, Chico. Blds were taken under advisement until December 12th.

General Contract

Chas. S. Mabrey, Ochsner Bldg., Sacramento	$59,487
Holdener Conustr. Co., Sacto.	60,000
R. B. McKenzie, Gerber	60,789
Campbell Constr. Co., Sacto.	62,626
F. H. Betz, Sacramento	63,221
Herndon & Finnigan, Sacto.	63,983
C. N. Bostrom, Orland	64,000
Wm. Murcell, Sacramento	66,000
Hannah Bros., San Francisco	66,600
J. L. Webster, Chico	67,500
Jas. L. McLaughlin, S. F.	68,500
J. M. Evans, Chico	69,761
Geo. H. Wilson, Dunsmuir	68,452

Blackboards

C. Weber Co., San Francisco, 50c ss. ft.
Western States Seating Co., San Francisco, 50c sq. ft.

Steel Lockers

Geo. Trask, San Francisco $480.00
C. Weber Co., San Francisco 568.46

Window Shades

Western States Seating Co., San Francisco $500.00
C. Weber Co., San Francisco 559.72

HAYWARD, Alameda Co., Cal.—Until Dec. 22, 7 P. M., bids will be rec. by N. Bauer, Clerk, Valle Vista School District, to furnish and install pumping plant and water system, plumbing and septic tank. Cert. check 10% payable to clerk req. Spec. obtainable from the clerk.

BANKS, STORES & OFFICES

Permit Applied For—Sub-Figures To Be Taken.
STORES Cost, $32,000
FRESNO, Fresno Co., Calif., Van Ness bet. Fresno and Merced Sts.
One-story reinforced concrete (5) stores, 100x100 ft.
Owner—Mrs. Annie L. Wallace, Fresno.
Architects & Contractors—R. F. Felchlin Co., Patterson Bld., Fresno.
NOTE—Plans provide for foundations sufficient to carry two additional stories.

Plans Being Prepared.
STORES Cost, $9000
SAN ANSELMO, Marin Co., Cal.
One-story brick stores bldg (4 stores)
Owner—Dr. E. M. McKevitt.
Architect—S. Heiman, 57 Post St., San Francisco.

Contract Awarded.
ADDITION Cost, $10,000
SAN FRANCISCO, S Market St. W Noe.
Add 1-story to present 1-story frame & stucco theatre for stores & offices.
Owner—W. L. Heise.
Architect—Albert Burgren, 110 Sutter St., San Francisco.
Contractor—C. Haggans, 50 Stanton St. San Francisco.

Contract Awarded.
STORES Cost, $12,000
SANTA ROSA, Sonoma Co., Cal., 4th & Davis Streets.
One-story reinforced concr (2) stores 40x100 ft.
Owner—Mrs. Allison B. Ware, 1041 College Ave., Santa Rosa.
Architect not stated.
Contractor—Bert Hildebrandt, 406 4th St., Santa Rosa.

EMERYVILLE, Alameda Co., Cal. — See "Garages," this issue.

Contractor Taking Sub-Figures.
STORE BLDG. Cost, $—
OAKLAND, SE Channing Way & Telegraph Ave.
One-story and basement brick store building.
Owner—Sam Newman.
Architect—Leonard Ford, 306 14th St., Oakland.
Contractor — Fred Muller, Syndicate Bldg., Oakland.

Plans Being Prepared—Contr. Awarded
OFFICE BLDG. $2,500,000 approx.
SAN FRANCISCO, New Montgomery & Minna Sts.
26-story class A steel and reinforced concrete office bldg. with terra cotta exterior.
Owner—Pacific Telephone & Telegraph Company.
Architect — Miller & Pflueger, associated with A. A. Cantin, Foxcroft Bldg., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg San Francisco.
Contractor — Lindgren-Swinerton Co., Inc., Standard Oil Bldg., S. F.

Contractor Taking Sub-Figures.
STORES & LOFT Cost, $60,000
OAKLAND, SE 21st and Broadway.
Three-story brick and steel stores and loft.
Owner—Mandel Goldwater.
Architect—Leonard H. Ford, 306 14th St., Oakland.
Contractor — Fred Muller, Syndicate Bldg., Oakland.

Completing Plans.
STORE & OFFICE Cost, $200,000
SAN FRANCISCO, N Market bet. Kearny and Montgomery Sts.
Four-story class A store and office building with terra cotta exterior.
Owner — Crocker Estate Co., Crocker Bldg., San Francisco.
Architect — Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg San Francisco.

Contract Awarded.
FIXTURES Cost, $10,000
SAN FRANCISCO, Mission St.
Store fixtures for candy store.
Owner—Bonboniere Candy Co.
Architect—C. Gottschalk, Phelan Bldg., San Francisco.
Contractor—Wm. Bateman 1915 Bryant St., San Francisco.

PACOIMA, L. A. Co., Cal. — Archt. Benj. Bloser, 523 Consolidated Bldg., has prepared preliminary plans for a brick bank and store bldg. to be erected at cor. Sherman Way and San Fernando Blvd., Pacoima, for the Suburban Estates Co. It will contain 11 stores and bank; dimensions 163x157 ft., brick walls, comp. rfg., press. brick facing, cement fls., metal skylights, gas rads., plate glass, steel sash, metal store fronts, tile base; bldg. designed for one future story.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick H. Willis, 716 Spring St., have completed plans and are taking bids to close about Dec. 20th on gen. contr. with elec. wiring and elevators separate for a 13-story class A store and office bldg., to be erected at s.e. cor. 7th and Spring Sts., for Cahn-MaCabe Co. Steel frame const. 13-story and basement, 58x135 ft., press brick and terra cotta facing, 3 elec. elevators, comp. rfg., hollow tile partitions, tile and marble work, plate and wire glass, copper store fronts, metal skylights. Edwards, Wildey & Dixon Co., 515 Black Bldg., have the contract for clearing the site and excavating and for foundations. Baker Iron Works, 912 S Broadway, has the contract for struc. steel.

LOS ANGELES, Cal. — Weymouth Crowell Co., 2026 W 9th St., has been awarded the contract for erecting a 3-story and basement class A general store and market bldg. at s.w. cor. of 7th St. and Union Ave. for the Youngs Market Co. Chas. F. Plummer, 1108 Story Bldg., archt. The bldg. will contain the general offices of the owning company, and central market, shipping and bakery dept. Dimensions, 150x140 ft., reinf. conc. constr., brick filler walls, stone and terra cotta facing, plate glass, metal store fronts, marble and tile work, ornam. iron, terrazzo flooring, elevators, steam htg., refrigerating system; $400,000. Excavating has been completed under separate contract.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

THEATRES

INGLEWOOD, L. A. Co., Cal.—Arthur Bennett, Inglewood, will erect a 2-sto. class C theater bldg., on property at Market St. n of Queen St., Inglewood. It has been leased to the West Coast Theaters, Inc. and D. B. Vanderlip Venice Investment Co; it will have a seat ng capacity of about 1500 people; 2 shops and several suites of offices, brick walls, 2-story, 75x150 ft; comp. rfg., press, brick facing, plate glass, etc., cost $100,000.

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., is completing plans for a 1-story and part 2-story theatre, store and office bldg., to be erected on Vermont Ave. near 3rd St. for J. J. Warwick and Dr. M. C. Walters; will contain theater to seat 900 people, 3 stores with several office suites on second fl. Brick walls, 75x150 ft., press, brick and terra cotta facing, comp. rfg., plate glass, gas steam rads., metal store fronts, O. P. and tile fls, part basement, wood roof trusses; owner will erect by day labor and subcontract.

WHARVES AND DOCKS

SACRAMENTO, Cal.—Until Dec. 20, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to construct concrete floor system for city wharves. Cert. check 10% payable to City Controller req. Plans on file in office of clerk. Albert Givan is city engineer.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
REMODEL Cost, $9000
SAN FRANCISCO, SW Polk and Union Streets.
Remodel present structure from class C to class B construction.
Owner—N. Muriale, St. Helena, Calif.
Architect—None.
Contractor—F. C. Amoroso, 1336 Kearny St., San Francisco.

Contract Awarded.
BUILDING Cost, $12,000
SANTA CLARA, Part of Lot 12 of the Los Coches Rancho.
One-story reinforced concrete & wood building.
Owners — E. C. Hamlin and J. P. Manchle, 833 S 2nd San Jose.
Architect—Wolfe and Higgins, Auzerais Bldg., San Jose.
Contractor — Jorgensen & Cook, San Jose.

OAKLAND, Cal.—Until Dec. 13, 11:30 a. m., bids will be rec. by E. K. Sturgis, city clerk, to paint frame barn at 4551 Foothill Blvd. Bond of $500 req. of successful bidder. Further information obtainable from clerk.

Contract Awarded.
ORPHANAGE Cost, $350,000
SAN FRANCISCO, Ten acres, lying between Twenty-eighth & Thirtieth avenues and Vicanti and Wawona Streets.
Group of 8 buildings for orphanage (3-story administration building and 6 2-story cottages, concrete, frame and stucco construction and a one-story reinforced concrete laundry and power house.
Owner—San Francisco Protestant Orphanage Society.
Architect — Bliss and Faville, Balboa Bldg., San Francisco.
Contractor — Lindgren-Swinerton Co., Inc., Standard Oil Bldg., S. F.
The first story of the administration and cottage buildings will be of concrete construction with frame and stucco above.

Contract Awarded.
DEPOT Cost, $20,000 approx.
LOS GATOS, Santa Clara Co., Cal.
1-story pressed brick and stucco depot with tile floor and roof and alter freight depot.
Owner—Southern Pacific R.R. Co.
Architect — Architectural Department of owner.
Contractor—Z. O. Field, 167 S-14th St., San Jose.

Contract Awarded — Construction To Start Dec. 17th.
TEL. EXCHANGE $225,000 approx.
SAN FRANCISCO, SW Bush and Larkin Streets.
Three-story and basement class A telephone exchange building.
Owner—Pacific Tel. & Tel. Co.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Contractors—Monson Bros., 251 Kearny St., San Francisco.

RENO, Nevada.—Senator L. A. Friedman, on a recent visit to Reno, announced his intention to resume operations on his tungsten property in the Nightingale district and to construct a mill to treat the ores, work to be started in the spring. The property, incorporated as the Pacific Smelting and Metals Co., during the war, has been idle since 1922 due to the condition of the tungsten market. Engineers report approximately a million tons of workable grade ore in sight.

PALMS, L. A. Co., Cal.—Ground will be broken this week for a motion picture studio on a site of five acres surrounding the Hughes mansion at 1728 Hughes Ave., Palms, for the Co-operative Motion Picture Corp., an educational film company being organized by William L. Sherrill. The house will be used as an administration bldg. Other details were not available.

RIVERSIDE, Riverside Co., Cal. — Southern Sierras Power Co has authorized the construction of the proposed $100,000 addition to the company's bldg. on 8th St. near Market. C. W. Tanner, archt., has completed plans and these have been accepted. The addition will be 44x120 ft., 2-story with roof fitted for blue-print dept., etc.

LOS ANGELES, Cal.—Petroleum Export Co., 423 Pac. Elec. Bldg., desires bids to const. improvements at L. A. Harbor, work to include 850 lin. ft. of reinf. conc. dyke 6-ft. high; steel frame and corru. iron warehouse, 50x100 t. and 18 ft. high; open conc. floor, 50x100 ft., 4-in. thick; 1500 sq. ft. of brick wall; and a frame and corru. warehouse, 50r75 ft. Plans were prepared by S. S. Brooks, engr., Los Angeles, and may be obtained at 423 Pac. Elec. Bldg., Los Angeles.

SAN LUIS OBISPO, Cal.—It is reported the Pacific Coast Steel Co., Rialto Bldg., San Francisco, is investigating the possibilities of San Luis Obispo county as an iron producing district. Judge E. N. Wilson, president of the company and D. E. McLaughlin, capitalist and geologist for the company, have made a survey, it is said, of the Irish Hills District. W. McKinney, civil engineer of San Luis Obispo, has been over the district with the officials.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Foreign and Domestic Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco, by referring to index number:

7707—San Francisco, Calif. Large local supply house, dealing in heavy hardware (steel, smithing coal and tools, blacksmith supplies), desire to establish connections with reputable exporter who is capable of marketing their products in foreign countries.

7710 — Osaka, Japan. Large import house desires connections with manufacturers and exporters of the following: Steel, glass, chemicals, cement, lumber, hardware, machinery, rope etc.

7712—Philadelphia Pa. Fillipino gentleman now residing in the United States, desires to get in touch with San Francisco importers of Philippine products who desire representation in this line in Philadelphia and New York.

7714—Rotterdam, Holland. Manufacturers and exporters seek buyers for their 5000 K. G. Bright block chain or pocket wheel chain 8 mm. thick, being about 3400 m. length. This chain is used for hoisting machines, screw and Weston pulleys, etc.

7715—Berlin, Germany. Manufacturers of radio articles, such as headphones, loudspeakers, fixed and variable condensers and filament resistances, and of table and socket electric fans, seeks an energetic selling agent in this territory. Circular on file.

D-973—Chicago, Ill. Businegss man of high standing desires to represent firms in Chicago.

D-976 — Portland, Oregon. Inventor of patented food chopper desires to get in touch with any one interested in the manufacture of same. Blue print and particulars on file.

Leads for Business

BILLIARDS AND POOL—Manuel Potta, 855 Montgomery.
BROKERS—J. M. DaRocha & Co. (rice) and D. H. McClure & Co. (produce, 16 to 149 California.
W. O. Hendrick (rice) Marvin Bldg.
CANDY—Dandy Candy Shop, 347 Divisadero.
CHINESE MERCHANDISE — Quong Lung Co., 537 Kearny.
CLEANING & DYEING — Clement Cleaning & Dyeing Works, 2210 Clement.
Eureka Cooperative Cleaners, branch 1514 Union.
Mason Cleaners, 1250 Mason.
DELICATESSEN—Wagner's Delicatessen, 444 to 449 Balboa.
DRAYAGE — Pimentel Motor Drayage Co., 855 Sansome.
Johnston Bros., 88 1st.
DRUGS—Wilks Pharmacy, 99 9th.
DRY GOODS—N. C. Nalcahire (521 3rd) 1530 Geary.
ENGINEERS—J H Hjul (construction) 1342 Mission to 1122 Folsom.
FEATURE SPECIALIST — Dr. W. A. Lampe, 673 Haight to 51 Noe.
FINANCE—H. J. Mallen & Co., Royal ins. Bldg. to 583 Market.
FLORISTS—Quality Flower Shop, 414 to 562 Clement.
FRUIT—Jos. Lamonica, 196 Page.
GOWNS—Mrs. Mary Dickie, Mechanics Building.
GROCERS — W. O. Miller (wholesale) 494 to 466 Pacific.
HATS AND CAPS—Fisher & Co. (J. S. Andrews) 666 to 572 Market.
IMPORTERS—Albert Stone, 209 Post.
INSURANCE—Carl N. Corwin Co., 220 Montgomery to 201 Sansome.
California Inspection Rating Bureau (W. A. Chowen) 351 California to 216 Pine.
LADIES' APPAREL — Beguhl Corset Shop, 534 Clement.
MACHINERY — Tremoureaux Machine & Engineering Co., Hansford Building to 565 Howard.
Kingsburg Machine Works, Rialto Building to Matson Bldg.
MARBLE AND GRANITE—Nenci & Co. 2089 15th.
MOTION PICTURES — Cooperative Films, 995 Market.
OPTICIANS—Binning McFurson Optical Co., 3286 to 3269 Mission.
PLUMBING—Dowl & Welch, 3558 16th.
PRODUCE — Farmers Egg Exchange, 564 Geary.
PUBLISHERS — Official Amusement Guide, 681 Market.
REAL ESTATE — H. J. Rock, Hewes Bldg.
RESTAURANTS—Mission Dairy Lunch 2573 to 2631 Mission.
STAMP DEALERS—Edwin P. Seebohm, 660 Market to Chronicle Bldg.
TAILORS — M. M. Smith (vests) Williams Bldg.
I. Neudelman, 709 Hyde.
TAXICABS—Green Taxicab Co., 850 Ellis to 599 Post.
TRANSPORTATION—California Steamship Co., 310 California.
TYPEWRITERS—Cal. Typewriter Exchange (J. H. Scarf) 240 to 127 Montgomery.
MISCELLANEOUS — Boxboard Co., 22 Battery.
A. M. Fitzpatrick, 530 Octavia.
Newport News Shipbuilding & Dry Dock Co., 116 New Montgomery.
T. J. McKinley and B. W. McGarry, 260 California.
Stadium Commission (University of California) 620 to 564 Market.
F. M. Siener, 260 California.
A. V. Davidson, 1 Montgomery.
Novelty Shop, 5909 Geary.
Dr. L. E. Parkinson, 870 Market.
ACCOUNTANTS—F. A. Frisius, 74 Natoma to Marvin Bldg.
ART STORE—Colonial Antique Shop, 1391 Sutter.
ATTORNEYS—Humphrey Grant Zimdars & Warren, 625 to 582 Market.
J. J. Dwyer, Mills Bldg. to Exchange Bldg.
AUTOMOTIVE — International Motor Agency with International Harvester Co., 201 Potrero.
BARBERS—Filipino Barber Shop, 1149 Grant.
CHINESE MERCHANDISE—Quong Gee Co., 816 Stockton.
CIGARS—New stand 40 Sansome.
CLEANING & DYEING—Weiner Cleaning & Dyeing Works (1662 Ellis) 934 Geneva.
S. F. Cleaning & Dyeing Works, branch, 5419 Geary.
DELICATESSEN—Gruner's, 1238 Polk.
DRAYAGE—Franklin Transfer & Moving Co., 1434 Sutter.
DRY GOODS—Jos. Axelrod buying 548 Castro December 13.
F. P. Monahan, 437 Balboa.
ENGINEERS—Geo. Wagner (construction) 251 Kearny to 181 South Park.
Hupp & Hall (mining) 315 Montgomery.
FINANCE—Howe Collection Service (Pacific Finance Co.) 315 Montgomery to 833 Market.
FISH—Betsekas Bros. to Civic Market, 1704 Fillmore.
FRUIT—Balboa Fruit Store, 452 to 445 Balboa.
GROCERS — Frank Harrington (1663 Waller) buying 604 Divisadero.
Bertha F. Pettis buying 2794 Diamond.
Mrs. B. S. Boyd, 1301 Shrader.
Julian Jacquel, 1457 Waller.
HATS AND CAPS—Fair Hat Renovatory, 190¢ Fillmore.
IMPORTERS—H. J. Boutin, 1239 16th Ave.
LIGHTING FIXTURES—B. B. Bell & Co. (P. W. Hargrave) 693 Sutter.
MACHINERY—U. S. Machinery & Steel Co., 136 Townsend to 750 Folsom.
MATTRESSES—San Francisco Bedding Co., 128 Perry.
OPTOMETRISTS—W. C. Gordon, Howard Bldg.
RADIO — Benjamin Franklin Radio Stores, 1129 Market.
RESTAURANTS — C. & C. Sandwich Counter, 616 Sacramento.
Teddy Restaurant, 2749 Taylor.
ROCK AND GRAVEL—G. Bianchini & Co. (North Beach Gravel Co.), Berry and De Haro, office 305 Columbus Avenue.
SIGNS—Elsey & Lamb, 451 Eddy.
STEEL BARRELS — Republic Steel Package Co., 558 Howard to 681 Market.
TAILORS—S. Olderman, 912 Market.

ANNOUNCING
Our New Location
601-609 MISSION ST.
Corner of Second
C. F. WEBER & CO.
San Francisco

TAXICABS—Park Presidio Taxi Service (Richmond Taxi Service) 432 Clement to 315 8th Ave.
WELFARE ORGANIZATIONS—Jewish Consumptive Relief, 821 Market.
MISCELLANEOUS — Log Cabin Products Co., 582 Market.
Mercy Service, 201 Sansome.
J. S. Lewin, 519 California.
Pacific Utilities Co., 524 2nd.
Women's Athletic Club, 640 to 635 Sutter.
LEASES — Dec. 5, 23—Dora Levy to Herman Morris—E Hyde 112-6 N Eddy No. 328 Hyde St 10 yrs $36,000.
Dec. 4, 23 — Union Special Machine Company to Oriental Supply Syndicates Inc.—Mashine $525.11.
Jan. 1, 24 — Attilio Capurro, Joseph Capurro & Matilda Capurro to Louis Segale and Emilio Demartini—452 & 454 Columbus Ave 7 yrs $15,120.
NOTICE OF EXTENSION OF LEASE—Dec. 5, 23—Mary A. Crittenden admx est Ida Evelyn Russell decd to John Tait and Ocean Beach Company—O L 2448 fmly numbered 1220 & bounded by Ulloa on N Vicente on S 47th av on E & the Great Highway on W 5 yrs $400 per mo.
LEASES—Dec. 1, 23—M T and Mary F Hughes to Amelia E Malmburg — SW cor Noe & 17th No 3909 17th st Noe Apts 5 yrs 10 mos $16,450.
Nov. 1, 23—Archie E and Clara W Schmidt to Carl Eder—6027 Geary St 52 mos $70 per mo.
Dec. 1, 23—Wall Estate Co to Weinstock-Nichols Co—N Golden Gate Av 191-6 E Van Ness av E 60 x N 120 W A 64 6 yrs 3 mos $49,500.
Oct 11, 23—Lena Eisner, Helen Friedman and Milton D Eisner to United Stores Realty Corporation—SW Fillmore & Sutter S 37-6 alg W Fillmore x W 105 15 yrs $11,000.
ART METAL—Mission Art Metal Wks, 1070 Valencia.
ARTISTS—Ray Sullivan (commercial) 554 Market.
AUTOMOTIVE — West Coast Motor & Service Co., 1285 Folsom.
BARBERS — Star Barber Shop, 603 Larkin.
Prior Barber Shop, 114 Eddy.
BOOKS—J. V. Stacey, 870 Market.
BOTTLE STOPPERS—Phoenix Hermatic Cap Co. (John Bellamy) 200 Davis
BROKERS—Eva & Gunther, 364 Bush.
CANDY—Sonia Candy Shop (Janet A. Phelps) 1538 Clay to 1179 Pine.
CIGARS—Nicholas Bros., So. End Ferry Bldg.
B. Rickey, 90 9th.
CLOCK REPAIRING—Smith & Hamilton, 468 McAllister.
DECORATORS—C. Henry Von Soosten (interior) 4327 Geary.
J. Solomin & Co., 312 Hickory.
ELECTRICAL—Reliance Electric Co., 972 Geneva.
Cal. Maintenance Service Co., 463 O'Farrell.
ENGINEERS—G. W. Wallace (consulting) 661 Market to 1340 Mission.
FOOD PRODUCTS—Red Corp (Orin Backus) 303 Merchants Exchange Bldg.
GROCERS—Richard R. Cross (482 Pacific) 39 Clark.
Geary Larkin Grocery Co., 899 Geary
C. W. Tripe, 101 Castro.
IMPORTERS—Thos. W. Simmons & Co. (Belgian American Trading Co.) 240 California to 369 Pine.
Takao Trading Co., 591 to 552 Mission.
Soo Chow Co., 500 Bush to 401 Grant
LEASES—New tenant, 512 Chancery Building.
MISCELLANEOUS — American College Society, Hearst Bldg.
APARTMENTS—Architect A. J. Horstmann (110 Sutter) planning $15,000 apartment building E Dolores 25 S Fourteenth.
ART STORE — Java Art Studio (533 Sutter) 5409 Geary.
ARTISTS—Walter L. Faurot (commercial) 830 Market.

(Continued on Page 21)

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on January 7, 1924,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Sacramento County, between Southerly Boundary and Railroad Crossing near Galt (III-Sac.-4-A), about one and nine-tenths (1.9) miles in length, to be paved with Portland cement concrete.

Los Angeles County, between Shoup Avenue and Westerly Boundary (VII-LA.-2-B&C), about thirteen and one-tenth (13.1) miles in length; thirteen and one-tenth (13.1) miles to be graded and eleven and six-tenths (11.6) miles to be paved with Portland cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank forms of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: December 10, 1923.

NOTICE TO CONTRACTORS

(Mare Island Fuel Oil Storage Project)

SEALED Proposals, Indorsed "Proposals for Fuel Oil Storage, Mare Island, Calif., Specification No. 4717," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock a. m. January 16, and then and there publicly opened, for two 50,000-barrel fuel oil tanks; three motor-driven, centrifugal oil pumps; one motor-driven, centrifugal pump for fresh water; one motor-driven foam chemical agitating pump; air compressor; foam solution tanks on steel towers; earth embankments around fuel oil tanks; three pump houses; tank heater house; valve chambers; catch basins, and necessary piping, valves and fittings, at the Navy Yard, Mare Island, Calif. The pump houses and heater house will have concrete foundations, brick walls, wood roof framing and slate and tin roofing. Drawings and Specification No. 4717 may be obtained on application to the Bureau or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $20 payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawing and specification. L. E. GREGORY, Chief of Bureau. September 22, 1923.

NOTICE TO BIDDERS

Modesto Irrigation District, Stanislaus County, California

Sealed proposals will be received at the office of the Modesto Irrigation District at Modesto, California, **until two o'clock P. M., on the 28th day of December, 1923,** for drilling wells and furnishing and erecting drainage pumping plans and follows:

Twelve installations, each comprising a well, a motor-driven deep-well turbine pump, motor started and sheet metal pump-house.

Bidding forms and detail specifications can be obtained from the Secretary of the Modesto Irrigation District by depositing $5.00 which will be returned upon the return of the specifications.

Contract will be let to the lowest responsible bidder, but the Board of Directors reserve the right to reject any or all bids.

The proposal must be accompanied by a certified check for 5 per cent of the amount of the bid, payable to the order of the Treasurer of the Modesto Irrigation District, for the benefit of said District as a guaranty that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than 25 per cent of the amount of his bid for the faithful performance of the work in accordance with the specifications, and a bond for 50 per cent as provided in Chapter 303 of the Statutes of 1919 of the State of California, said bonds to be approved by said Board.

The proposal must be marked "Proposal for Drainage Pump ng Plants" and addressed to "Secretary, Modesto Irrigation District, Modesto, California."

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Done in pursuance of an order of said Board of Directors of the Modesto Irrigation District, this 3rd day of December, 1923.

J. C. GARRISON, President.
C. S. ABBOTT, Secretary.

NOTICE TO CONTRACTORS

(Santa Rosa Union High School Dist.)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the City of Santa Rosa High School District, Sonoma County, State of California, in the present High School Annex Bldg.; in Santa Rosa, **at 2 P. M., December 24, 1923,** for the installation and completion of the work listed below in the new High School Building being erected in the City of Santa Rosa, State of California, according to the plans and specifications prepared for the same by H. W. Weeks, Architect.

Bids will be received on work as follows:

Plumbing Work.
Electric Work.
Heating and Ventilating.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or at the office of W. Herbert, Architect, Rosenberg Building, Santa Rosa, California.

All bids should be presented on bid forms furnished by the Architect.

Each bid must be accompanied by a certified check on some responsible California bank in the sum of not less than five per cent of the amount bid, made payable to Mrs. Sara N. Hatch, Clerk of the Board of Trustees of the Santa Rosa Union High School District, for the purpose stated in the specifications.

Each bid must be enclosed in a sealed envelope and addressed to Mrs. Sara N. Hatch, Clerk of the Board of Trustees, and endorsed: "Proposal for (name branch of work) Work in New High School Building."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board of Trustees, at her office in the present High School Annex in the City of Santa Rosa, at the time and place of meeting above stated; or any time up to the hour of opening of said bids.

SARA N. HATCH,
Clerk of the Board of Trustees of the Santa Rosa Union High School District, Santa Rosa, California.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on **January 2nd, 1924** for constructing portions of the State Highway System as follows:

(1) Bids received until and opened at 1:30 P. M., for grading, construction of culverts and placing a selected material surface in Lander County between Carroll Summit and Campbell Creek Ranch. (One of the conditions to be contained in the contract will be that work will not need to be commenced until the spring of 1924).

(2) Bids received until and opened at 2:30 P. M., for grading, construction of culverts and placing a gravel surface in Clark County between Mormon Mesa and the Nevada-Arizona State line.

Plans may be examined, and form of proposal, Contract and Specifications secured at the office of the undersigned; may also be examined at the County Clerk's office in Austin, the Division Engineer's office in Elko, Las Vegas or Reno, and District Office of Bureau of Public Roads, Bay Building, San Francisco, California. Cash Deposit of Fifteen Dollars ($15.00) with the undersigned required for copy of

plans, which will be refunded on their return in good condition, provided, that they are returned within thirty (30) days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5 per cent of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specification, conditioned for the faithful performance of the provisions of the Contract and Specification.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

NOTICE

Proposals for construction of United States Veterans' Hospital at Livermore, Calif., will be opened **at 11 A. M., on December 29th, instead of December 22nd,** as advertised under date of November 17th. Signed F. T. Hines, Director, U. S. Veterans' Bureau.

BIDS WANTED FOR U. S. VETERANS' HOSPITAL AT LIVERMORE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be opened in Room #791, U. S. Veterans' Bureau, Arlington Building, Washington, D. C., at 11 A. M., December 22, 1923, for construction complete of Infirmary; Administration, Mess, and Kitchen buildings; Recreation building; Nurses' Quarters; Attendants' Quarters; Garage; Storehouse; Boiler house and Laundry; Occupational-Thearapy buildings; Ambulant cottages; Officers' Quarters; including mechanical equipment and Outside service lines except grading, roads and walks at the U. S. Veterans' Hospital, Livermore, California. SEPARATE PROPOSALS will be received for Building construction; central heating, including boiler plant and heating equipment for all buildings; Water Supply, Plumbing and sewers; electrical equipment; Elevators; Refrigerating plant; and stacks; all as **set forth on proposal sheet.** Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and who have established a record for satisfactory work and expedition on contracts of similar character and magnitude.

Drawings and specifications may be obtained upon application to the Construction Division, U. S. Veterans' Bureau, Room #791-A, Arlington Building, Washington, D. C., or to Wm. H. Radcliffe, Bureau Representative, Livermore, California. Deposit with application of a certified check or Postal money order, in amount $100.00, payable to the Treasurer of the United States, is required for the safe return of drawings and specifications within ten days from date of opening proposals.

Frank T. Hines, Director, November 17, 1923.

NOTICE TO CONTRACTORS

(Washington Union High School Dist.)

Pursuant to an order of the Board of Trustees of the Washington Union High School District, duly passed and entered in its minutes, notice is hereby given that said board will receive sealed proposals for the following items:

1. Furnishing and installing auditorium seating;
2. Furnishing and installing lockers in main building.

Plans, specifications and further information are obtainable at the office of Coates & Traver, architects, Rowell building, Fresno, California.

All bids must be in the hands of J. A. Poytress, clerk of the board, **on or before 8:00 p. m., Friday, December 21, 1923,** at the school building.

Samples of both lockers and seats must be delivered at the office of the school not later than December 18, 1923.

All bids must be sealed and name of bidder and items bid on must be marked on the outside of the envelope. A certified check in an amount equal to 10% of the total amount of the bid submitted must accompany each proposal.

The board reserves the right to reject any or all bids.

Board of Trustees Washington Union High School District.
J. A. POYTRESS, Clerk.
Route G Box 61, Fresno, Calif.

NOTICE TO CONTRACTORS

(Washington Union High School Dist.)

Sealed proposals will be received by Washington Union High School District at the office of the clerk of the Board of Trustees of said district, Rural Route G, Box 61, Fresno, California, not later than noon, on **December 21st, 1923,** for the installation of a 24 inch concrete pipe line about 878 feet in length with reinforced concrete inlet, diversion and outlet structures on the school grounds of said district.

Plans and specifications may be examined at the office of the clerk of the Board of Trustees or at the office of Fresno Irrigation District, Fresno, California. Such proposals will be considered by the Board of Trustees at its regular meeting December 21st, 1923.

The right is reserved to reject any or all bids.

WASHINGTON UNION HIGH SCHOOL DISTRICT.
By J. A. POYTRESS,
Clerk of Board of Trustees.

LEADS FOR BUSINESS

(Continued from Page 19)

ATTORNEYS—W. J. Claassen, Alaska Coml. Bldg.
A. S. Bolger, Chronicle Bldg.
AUTOMOTIVE—J. Pelaprat (149 3rd) to erect public garage $30,000. N 18th E Sanchez.
White Motor Company plan $600,000 auto building Market and 12th.
General Automotive Works (Wm. Cache) 601 Turk.
BAKERIES—Oven being installed 622 Fillmore. May be new.
BEAUTY PARLORS—Mrs. L. H. Gradell, 1916 McAllister.
CIGARS—H. Bercovich Cigar Company branch 98 3rd.
CLEANING AND DYEING — Liberty Cleaning & Dyeing Works, 475 Castro.
DECORATORS—J. C. Pugh, 288 9th.
DENTISTS—W. M. Walton, 721 Market.
DRUGS—Feely Drug Co. (20 Market) 32 Embarcadero.
ENGINEERS—W. C. Duncan (with Geo Wagner) 251 Kearny to 181 South Park.
H. C. Butler (consulting) Exchange Block.
ENGRAVERS — Modern Engraving Shop, 381 Bush.
FINANCE—Fisher Mfg. Co. (store) 333 7th.
FURNITURE — Pacific Furniture Co., Furniture Exchange to 608 Howard
GROCERS—J. Iffla, 2692 Folsom.
HABERDASHERY — The Reliable (J. Gutfield) 132 to 64 Eddy.
HARDWARE—Hunt Helm Ferris and Co., 283 Mnina to 383 Brannan.
HOSPITAL—Baby Hospital Assn., Oakland (Mrs. Geo. Jensen, pres.) plan construction or baby hospital bldg.
IMPORTERS—Eastern Import & Export Co., 315 Montgomery to Exposition Bldg.
INSURANCE—A. O. Harwood Agency of Western States Life Ins. Co., 1 Montgomery to 212 Stockton.
Republic Casualty Co., 310 Sansome.
LUMBER—G. E. Bennett Lumber Co. to 110 Market.
MALT SYRUP—American Diamalt Co. 742 Market to 941 Mission.
MUSIC—Krausgrill & Weidner (with J. S. Andrews) 666 to 572 Market.
PLANING MILL—Hart & Burmeister, 1068 Brannan to NW Jerrold Ave. & Napoleon.
PRINTING—Walter Von Konsky, 699 Valencia.
PUBLISHERS—California Public Opinion (Knights of Liberty) Exchange Blk. to 1624 Vallejo.
RADIO—Radio Service & Sales Co., 871 Geary.
RESTAURANT — Hungarian American Restaurant, 177 Eddy.
Imperial Grill (1067 Market) to open 9 Jones.
SHOES—Gamba Ballet Shoe Co. (Toe Dancing Shoe Co.) 247 Powell to 259 Geary.
TAILOR—W. Benson, 1156 Taylor to 1242 Mission.
TAXICABS—Mission Cab Co., 217 Taylor.
TIMBER SURVEYORS — Tucker and Marshall, 681 Market.
WOODWORKING—J. P. Kennedy, 140 Second.
C. C. O'Loughlin, 45 2nd.
Ross Carrier Co., 681 Market.
MISCELLANEOUS — Dr. Dollie Hale, 1320 Fillmore.
ACCOUNTANTS—Davis French & Co., 1 Montgomery.
AUTOMOTIVE—Lindgren & Swinerton awarded contract $30,000 garage.
American Can Company, 20th and Illinois.
BARBERS—M. J. Fritz, 107 Taylor.
CHURCHES — First Presbyterian Church, San Anselmo, plans $60,000 church building. Second Presbyterian Church also plans new $30,000 building.
CONFECTIONERS EQUIPMENT—Confectioner's Exchange, 1047 Mission to new building in January.
FACTORIES—O'Brien-Kiernan Investment Company erecting 7000 sq. ft. store or factory ($17,000) W 4th 48 S Folsom available for lease.
INVESTMENTS—L. A. Morris Co., 136 Townsend to Holbrook Bldg.
IRON & STEEL—Joseph T. Ryerson & Son, 136 Townsend to 750 Folsom.
LEASES—Second floor, 142 Sansome leased.
Store 300 Connecticut corner 16th.
MAH JONG FACTORY—Joe Chan Co., 27 Pagoda.
MFRS. AGENTS—S. M. Yelin (tassel) 330 Market to 336 Jules.
MARKETS—Bargain Market, 4055 24th
MINING—Jib Consolidated Mining Co., 620 Market.
MUSIC—Lyric Music Shop, 2367 Market
OIL — Belle Ridge Associates Oil Co., (A. E. Van Doozer, C. T. Dunkle) Loew Warfield Bldg.
PRINTING—Edw. A. Zimmer, to 709 Mission.
PUBLISHERS — Dr. Harry F. Van Trump (Knights of Liberty-Cal Public Opinion) Exchange Blk to 1624 Vallejo.
RESTAURANTS—Brown's Coffee Shop 40 Sansome.
J. G. Varley, 1546 Fillmore.
SHOES — Maguire's Shoe Store, 2257 Market.
STUDIOS—Irving C. Perkins (piano) 935 Market.
Arts & Modes Studio, 1724 Sutter.
SUSPENDER FACTORY — Western Suspender Corp., 422 Larkin.
THEATRES—Alexandria Theatre, 5400 Geary.
WELDING AND BRAZING — General Welding Works, 412 Valencia.
MISCELLANEOUS — Universal Wheel Co., 369 Pine.
Walsh, 410-315 Montgomery.
Backus, 303 Merchants Exchange Bldg.
New Business, 315 Merchants Exchange Bldg.
W. E. McDonough, 2323 Mission.
Digan & Riley, Clunie Bldg.
American Building Supply Co., Exchange Blk.
National Consumer's Assn., Howes Bldg.
John J. Higgins and T. J. Holland, 760 Market.
Corbett's Inc., 106 4th to 47 Sacramento.
First Congregational Church, Sacramento, plan construction $125,000 church building.
Architect Ernest J. Kump, Fresno, preparing plans $125,000 hotel for Los Banos.
State Board Harbor Commissioners to renovate and tile waiting rooms in Ferry Bldg. $50,000.
Mills College completing plans ($75,000 1st unit) of $350,000 arts building, Oakland.
Baby Hospital Assn., Oakland (Mrs. Geo. Jensen, Pres.) plan construction of baby hospital building.
ADVERTISING—Percy M. Cropper, 57 Post.
ART STORE—Rosemary Art Shop, 1138 Clement.
ATTORNEYS—W. H. Wylie, 315 Montgomery to 216 Pine.

Engineering News Section

BRIDGES

RED BLUFF, Tehama Co., Cal.—C. E. McCartney, Red Bluff, at $1693 awarded cont. by supervisors to const. bridge over canal near Hamilton Pl. on Red Bluff-Tehama rd., in Sup. Dist. 5. Other bids: R. B. McKenzie, Gerber, $1800; Henry A. Martin, Corning, $2415; Hart Construction Co., Gerber, $2200; H. Porter $1775.

DREDGING, HARBOR WORKS AND EXCAVATIONS

MARYSVILLE, Yuba Co., Cal.—W. T. Ellis, chairman of Committee named by city council to work for re-opening of navigation on the Feather River has been advised by Representative Clarence A. Lea, that the U. S. Army Engineers have recommended a survey of the river with a view to improvement for navigation.

IRRIGATION PROJECTS

CALIFORNIA—Following is partial list of applications filed with the State Department of Public Works, Division of Water Rights, (H. A. Kluegel, chief, during the month of November, for permits to appropriate water:

APPLICATIONS

Application No. 3702 (El Dorado County) Thebo Starr and Anderton, San Francisco, Calif., for 1500 cu. ft. per sec. and 500,000 ac. ft. per annum from South Fork American River, for generation of electricity. Rejected December 1, 1923 for non-payment of fees.

App. 3703 (El Dorado County), Thebo Starr and Anderton, for 1500 cu. fe. per sec. and 500,000 ac. ft. per annum from South Fork American River, for irrigation of lands in El Dorado and Sacramento Counties. Rejected December 1, 1923 for non-payment of fees.

App. 3705 (Kern County), H. E. Seaton and C. Lacey, Los Angeles, Calif., for 0.05 cu. ft. per sec. from Sand Canyon Creek, for irrigation of 50 acres. Est. cost $2000.

App. 3706 (San Diego County) McKinnon and Smith, Valley Center, Calif. for 1 cu. ft. per sec. and 150 ac. ft. per annum from Wood's Valley Creek, for irrigation of 75 acres. Est. cost $2500.

App. 3707 (Los Angeles County) Wm. E. Huyler, Los Angeles, Calif., for 0.5 cu. ft. per sec. from Warm Springs, for swimming pool. Est. cost $2000.

App. 3708 (Calaveras County) J. T. Whittlesey, Berkeley, Calif., for 3 cu. ft. per sec. and 20 ac. ft. per annum from El Dorado and Murray Creeks, for hydraulic mining.

App. 3709 (Calaveras County) A. R. Fox, Oakland, Calif., for 0.25 cu. ft. per sec. from Mokelunme River, for placer mining. Est. cost $4000.

App. 3710 (Riverside County) Alberhill Coal and Clay Co., Alberhill, Calif., for 0.25 cu. ft. per sec. from Sycamore Springs, for domestic and irrigation of 30 acres. Est. cost $2000.

App. 3711 (Calaveras County) J. T. Whittlesey, Berkeley, Calif., for 3 cu. ft. per sec. and 20 ac. ft. per annum from El Dorado and Murray Creeks, for irrigation of Glenn Ranch.

App. 3712 (San Bernardino County) Wm. Erwin, Pine Knot, Calif., for 0.20 cu. ft. per sec. from Lone Mountain Spring, for domestic purposes. Est. cost $5000.

App. 3713 (San Joaquin County) L. J. and E. M. Locke, Lockeford, Calif., for 3.66 cu. ft. per sec. from Mokelumne River, for irrigation of 145.8 acres. Est. cost $4000.

App. 3715 (Butte County) Kate M. Gengler, Oroville, Calif., for 0.37 cu. ft. per sec. from Wymans Ravine, for irrigation of 30 acres. Est cost $2000.

App. 3717 (Napa County) Andrew C. Lawson, Berkeley, Calif., for 0.37 cu. ft. per sec. from Napa River, for irrivation of 30 acres. Est. cost $2500.

App. 3718 (Tulare Co) Loren B. Curtis, Los Angelis Calif., for 150 cu. fta. per sec. from Kern River, for generation of electricity at power plant, 27,-270 theoretical h. p. to be developed. To applications 3694 and 3696.

App. 3719 (Sierra county) C. H. Munro, San Francisco, Calif., for 80 cu. ft. per sec. from 15 ravines tributary to Slate and Canyon Creeks for hydraulic mining on Povety Hill Mining Company claims. Est. cost $50,000.

App. 3720 (San Bernardino County) Cajon Lime Products Co., Cajon, Calif., named spring, for milling and domestic purposes. Est. cost $2500.

App. 3724 (Siskiyou Co) L. P. Hansen, Happy Camp, Calif., for 2.5 cu. ft. per sec. from Little South Fork of Indian Creek, for irrigation of 15 acres.

App. 3726 (San Bernardino County) Claude Yake, Randsburg, Calif., for 0.13 cu. ft. per sec. from Bandit Spring, for mining purposes. Est. cost $2500.

App. 3727 (San Bernardino Co) A. S. Spaulding, Long Beach, Calif., for 4 cu. fe. per sec. from West Branch Rathbun Creek for generation of electicity. Est. cost $5000. Theoretical h.p. to be developed about 160.

App. 3728 (San Bernardino Co) A. S. Spalding, Long Beach, Cal. for 2 cu. ft. per sec. from West Branch of Rathbun Creek, for domestic and irrigation purposes. Est. cost $5000.

App. 3729 (San Bernardino Co) City of San Bernardino for 10 cu. ft. per sec. from East Twin & Strawberry Creeks for domestic supply for city. Est. cost $5000.

App. 3730 (San Bernardino Co) City of San Bernardino for 10 cu. ft. per sec. from Waterman Canyon, for domestic supply for City. Est. cost $5000.

App. 3731 (Nevada Co) Chas. J. Lyser Graniteville, Calif., for 3 cu. ft. per sec. from South Fork Poorman Creek for power at mine, 153 theoreticay h. p. to be developed. Est. cost $5000.

App. 3732 (Nevada County) Chas. J. Lyser, for 3 cu. ft. per sec. from North Fork Poorman's Creek, for power at mine; 153 theoretical h.p. to be developed. Est. cost $1000.

App. 3734 (Inyo Co) City of Los Angeles and Board of Public Service Commissioners for 5 cu. ft. per sec. from Symmes Creek for municipal and domestic purposes in City of Los Angeles. Est. cost $49,000.

App. 3736 (Madera Co) The Pines (a corporation), Bass Lake, for 1.5 cu. ft. per sec. from North Fork San Joaquin River for domestic purposes for summer resort. Est. cost $4500.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

App. 3737 (San Bernardino Co) Ezra B. Meeker, Cajon, Calif., for 3 cu. ft. per sec. from underground water for domestic purposes and irrigation of 15 acres. Est. cost $1500.

Permits

Following is a partial list of permits granted by the Division of Water Rights, during the month of November:

Permit No. 1552 (Sutter Co) to James H. Donnelly 1515 M St., Sacramento, for 1.13 cu. ft. per sec. from Sacramento River for irrigation of 91 acres. Est. cost $2000.

Permit 1553 (Sonoma Co) Mariette H. Link, Cloverdale, Calif., for 1.25 cu. ft. per sec. from Russian River for irrigation of 100 acres. Est. cost $8000.

Permit 1555 (Contra Costa Co) Jos. Ruckstuhl, Oakley, Calif., for 2.12 cu. ft. per sec. from San Joaquin River for irrigation of 170 acres. Est. cost $6000.

Permit 1556 (San Bernardino Co) city of San Bernardino for 0.05 cu. ft. per sec. from spring for domestic purposes at play ground. Est. cost $1000.

Permit 1558 (Modoc County) W. O. Blasingame et al. Alturas, Calif., for 335 ac. ft. per annum from Janes Flat Drainage Area for irrigation of 660 acres. Est. cost $5300.

Permit 1560 (Marin Co) R. O. Thayer, San Rafael, Calif., for 0.01 cu. ft. per sec. from unnamed stream for domestic use and irrigation on 1 acre. Est. cost $1000.

Permit 1562 (Mendocino Co) F. W. Hooper, Grass Valley, Calif., for 1.5 cu. ft. per sec. and 25 ac. ft. per annum from an unnamed stream for irrigation of 120 acres. Est. cost $2000.

Permit 1565 (San Bernardino Co) Mark H. Potter et al, Pomona, Calif., for 0.01 cu. ft. per sec. from unnamed springs, for domestic use. Est. cost $1000.

Permit 1570 (Inyo Co) American Magnesium Company, Inc., Los Angeles, for $.25 cu. ft. per sec. from three springs for mining purposes. Est. cost, $5000.

Permit 1571 (Inyo Co) American Magnesium Company, Inc., for 0.004 cu. ft. per sec. from Goler Wash for mining purposes. Est. cost $50,000.

Permit 1572 (San Bernardino Co) S. B. Wright, San Bernardino, Calif., for 0.6 cu. ft. per sec. and 200 ac. ft. per annum from Acorn Canyon and unnamed spring for domestic and irrigation of 50 acres. Est. cost $5000.

LODI, San Joaquin Co., Cal.—Formation of a 200,000-acre municipally owned irrigation and power district to draw water from the Mokelumne river is urged by E. M. Locke, chairman of the water conservation committee of the Lodi District Chamber of Commerce, in a report to the Board of Directors of that body. A committee consisting of Locke, W. M. Brown, R. G. Walsh and Wm. Peirano has been appointed to confer with the Stockton Chamber of Commerce to secure its assistance in forming the district.

DIXON, Solano Co., Cal.—Committee of Five has been appointed to draw up tentative boundary lines for proposed irrigation district s.e. of Dixon and secure signatures to a petition to be resented to the Solano county supervisors seeking organization of the district. The plan provides for water from Haas Slough by five pumping lifts. The proposed district will embrace about 25,000 acres, half of which will be around Dixon. The committee appointed consists of: W. T. Erbe, T. Kilkenny, E. D. Dudley, Wyman Morse and P. M. Doyle.

WILLIAMS, Colusa Co., Cal.—Glenn-Colusa Irrigation District votes bonds of 581,000 in two issues, one for $466,-000 and another for $115,000, the former to pay off all indebtedness against the district and the latter to construct canal extension from William district to Glenn-Colusa district.

HANFORD, Kings Co., Cal.—County treasurer has sold the $105,000 bond issue of the Tulare Lake Reclamation District the proceeds of the sale to finance construction of levees and other improvements.

MANTECA, San Joaquin Co., Cal.—J. S. Greaves, Oroville, at $.84 yd. awarded contract by South Joaquin Irrigation District for approx. 550,000 sq. ft. Gunite conc. canal lining and to Hewitt-Davenport, San Francisco, at $.93 sq. ft. to asph. line canals, involv. approx. 50,000 sq. ft., the district to furnish materials.

BLYTHE, Cal.—Foley Bros. (D. A. Foley, care Van Nuys Hotel, Los Angeles, awarded contr. by directors of Palo Verde Drainage Dist., Blythe at approx $75,000 to const. portion of drainage system known as the West Side drain, involv. 300,000 cu. yds. excav. at 18c yd; 75 acres clearing at $50 acre; 1800 lin. ft. piling in bridges at $3.30 ft; 46,000 ft. lumber at $110 per M; 200 lin. ft. piling in flumes at $5.40 ft.; 4000 ft. lumber in flumes at $125 per M; 130 ft. 4-ft. metal flumes and 5-ft. metal flumes at $6.75 lin. ft. 4-ft. and $7.50 lin. ft. 5-ft.; 25 cu. yds. conc. at $55 yd; 2000 sq. ft. paving at 65c ft; 500 lbs. reinf. steel at 14.5c lb.

Chas. Thompson Co. awarded contr. for work at Ehrenberg Cut opp. the Raab Bend, involv. bet. 90,000 and 100,000 yds. earthwork at a varying scale of from 18c to 20c per cu. yd. D. W. Murphy, Hollingsworth Bldg., Los Angeles, consulting engr.

LIGHTING SYSTEMS

LOS ANGELES, Cal. — Council declares inten. to const. ornam. lighting system in Cahuenga Ave., bet. Hollywood and Sunset Blvd., involving 24 pressed steel ornam. lighting posts; 1911 act.

SAN RAFAEL, Marin Co., Cal. — City council, Eugene W. Smith, clerk, declares inten. to install electric street lighting system comprising 16 single lamp electroliers, Union Metal Stamp Stand. No. 1538, in Irwin St., bet. 4th St. and Belle Ave. Work under 1911 Act. Protests will be heard Jan. 7.

VENICE, Cal.—Until 10 a. m., Dec. 18, bids will be rec. by city trustees to const. ornam. lighting system in Washington Blvd., bet. Westminster Ave and Venice Blvd.; 1911 act. T. H. Hanna, city clerk.

NEWPORT BEACH, Cal.—Newport Bay Electric Co., Newport Beach, awarded contr. by city trustees at approx. $1400 to const. lighting system on 86th St. and Finley Ave., involving 90c lin. ft. 1¼-in. conduit and six concrete posts at $68 each.

LOS ANGELES, Cal.—R. A. Wattson, 4907 Melrose Ave., at $16,398 awarded contract by Bd. Pub. Wks. to const. ornam. lighting system in Arden Blvd. bet. Rosewood Ave. and Third St. Other bids were: C. W. Sparks, $16,875; H. H. Walker, $17,128; Osborn Electric Co., $17,485.

BURLINGAME, San Mateo Co., Cal.—City Eng. Carl Torello preparing spec. to install electrolier system in Park rd. from Burlingame to Howard Aves., property owners having requested the improvement.

MACHINERY & EQUIPMENT

SANTA ROSA, Sonoma Co., Cal. — County Purchasing Agent authorized to purchase two Bacon built two-cubic-yard standard dump units, the cost not to exceed $787, for use in road work.

LOS ANGELES, Cal.—Until 3 p. m., Dec. 18, bids will be rec. by public service comm., 207 S Bdwy., for one air compressor, direct connected to 20 h.p. U. S. motor. Spec. under P. A. Adv. No. W-174.

SAN FRANCISCO—Until Jan. 9, 3 p. m., bids will be rec. by Board of Public Works for furnishing butterfly valves to be used in connection with penstock lines for the Mocassin Creek Power plant of the Hetch Hetchy project; est. cost $40,000. Equipment consists of furthree Butterfly valves, each 104-in. inside dia. One c. i. blind flange for one side of valve. One steel platform extending over valves also all operating mechanism for all valves, by-pass valves and connectings in addition to all bolts and gaskets for joints and bolts for foundation and platform. Spec obtainable from office of City Eng., 3rd floor, City Hall.

HANFORD, Kings Co., Cal.—County Purchasing Agent Fred M. Cutler authorized by supervisors to purchase small motor truck to transport prisoners engaged in county highway work.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, authorizes purchase of Fordson tractor, cost not to exceed $500 for use of street department.

RAILROADS

LOS ANGELES, Cal. — Los Angeles Terminal Railroad Co., Railway Bldg., Los Angeles, seeks authorization of State Railroad Commission to sell $1,000,000 of its capital stock and issue $250,000 in promissory notes, the proceeds to finance construction of a terminal railroad, to connect with Southern Pacific, Santa Fe, Union Pacific and Pacific Electric Railway tracks near Los Angeles.

KLAMATH FALLS, Ore.—Bids are being rec. by Engineering Dept. Southern Pacific Co., 65 Market St., San Francisco, to const. 2 additional units of Natron Cut-Off, one unit being a 25 mi. stretch in Klamath county and a stretch 7 mi. in length from the end of the first unit over the top of the Cascades which includes the construction of a long tunnel. The first unit 31 mi. unit of grading was awarded to John Hampshire who has established headquarters at Klamath Falls, Ore. Bids will probably be opened Dec. 21.

EUREKA, Humboldt Co., Cal.—Itolph Mills & Co., 149 California St., San Francisco, awarded cont. by council for fur. 460 tons of 70-lb. rails for municipal railway system at $52.50 ton. U. S. Steel Products Co., Rialto Bldg., San Francisco, awarded contract for fur. 325 tons high T rails at $59.43 ton and for joint plates at $4.42 per hundredweight.

FIRE EQUIPMENT

PETALUMA, Sonoma Co., Cal.—City council will call election to vote bonds of $50,000 to finance erection of fire station and purchase of necessary motor fire apparatus. E. Lyman Green, city clerk.

SEATTLE, Wash. — Seagrave Co., Columbus, Ohio, at $140,140 awarded cont. by Bd. Pub. Wks. to furnish 17 pieces of motor fire apparatus. Equipment includes four 1,000-gal. pumping engines and hose car, eight 800-gal. pumping engines and chemical hose car, and five city service hook and ladder trucks. Delivery in 160 days.

SACRAMENTO, Cal. — Until Jan. 3, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to furnish and del

Fur. one double 80-gallon tank, motor propelled chemical engine.

Fur. one 750-gallon capacity pumping engine, with 1200 ft capacity hose body.

Fur. one 1000-gallon capacity pumping engine, with 1250 ft. capacity hose body, chassis to be on double side chain drive type or equal.

Fur. one triple combination gasoline motor propelled pumping engine, chemical and hose wagon of the auto type, 750-gallon capacity.

Cert. check 5% payable to City Controller required with each bid under each item. Specifications on file in office of city clerk.

MISCELLANEOUS SUPPLIES

MERCED, Merced Co., Cal.—Directors of Merced Irrigation District have rejected the second set of bids received to const the Exchequer Dam and new bids will be asked to construct a gravity section arch type dam. The bids were rejected due to the failure of the Federal Power Commission to approve the design for a constant radius type dam. Starr-Theho-Anderton, Consulting Engineers, Sharon Bldg., San Francisco.

PLACERVILLE, El Dorado Co., Cal.—Until Jan. 8, bids will be rec. by county supervisors for furnishing fuel oil for heating furnace in courthouse. Further information obtainable from clerk.

RESERVOIRS AND DAMS

ORANGE, Cal. — See "Waterworks," this issue.

PIPE LINES, WELLS, ETC.

PORTLAND, Ore.—Port of Portland Commission, 916 Spalding Bldg., takes bids until 11 A. M., Dec. 20, for fur. 2000 ft. 30-in. inside dia. pontoon pipe complete and 2000 ft. 30-in. inside dia. slip joint shore pipe with slot gates and bands. Further information on application to above.

FRESNO, Fresno Co., Cal.—Until Dec 21, 12 M., bids will be rec. by J. A. Poytress, clerk, Washington Union High School District, Route G, Box 61, Fresno, to install 24-in. concrete pipe line, approx. 878 ft. in length with rein conc. inlet diversion and outlet structures. **See call for bids under official proposal section in this issue.**

BURBANK, Cal.—Until 7 p. m., Jan. 8 bids will be rec. by city trustees to drill one 16-in. dia. bet. 150 and 200 ft., with No. 12 gauge well-casing used. Spec. on file at office of the city clerk, F. S. Webster. Cert. check 10%.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

SEWAGE DISPOSAL PLANTS

NEWPORT BEACH, Cal.—See "Sewers and Streets," this issue.

MISCELLANEOUS CONSTRUCTION

LONGVIEW, Wash. — Pawling and Harnischfeger, of Milwaukee, awarded cont. by Long-Bell Lumber Co., to furnish bridge and transfer cranes, cars and parts for mono-rail system for use in handling lumber in West fir unit of company's plant at Longview. Order includes ten five-ton electric cranes, one of ten tons' capacity and of three; five lumber trolleys, equipped with Sumner type grapples, 11 two-way switches and 6000 ft. of track. Contract calls for its delivery within 4 months.

MARYSVILLE, Yuba Co., Cal.—Superior Incinerator Co., Dallas, Texas, at $12,000 awarded cont. by city council to install incinerator plant.

LOS ANGELES, Cal.—See "Miscellaneous Building Construction," this issue. Bids wanted.

WATER WORKS

SPOKANE, Wash. — Until Jan. 10, 9:30 a. m., bids will be rec. by city council for fur. two single-stage, double suction centrifugal pumps, horizontal type, including series piping connections and equipment. Pumps to deliver 4166 gals. per min. against suction of 231 ft. Alternate bids will be rec. on one horizontal duplex acting power pump, all foundations, suction and discharge connections to be made by the city. Pump to deliver 6,000,000 gals. per day.

SANTA MONICA, Cal. — Olmsted & Gillelen, Hollingsworth Bldg., Los Angeles, consulting engrs., authorized to proceed with municipal water project. Bids will be asked for pipe and other material. A bond issue of $1,000,000 for this work has been voted, but has not been sold. The work involves the location of new water sources, laying water mains and the construction of three reservoirs. Work is scheduled to start at once. It is said that if satisfactory bids for the reservoir work are not received than the city will place the construction work.

NAPA, Napa Co., Cal.—Until Dec. 18, 7:15 p. m., bids will be rec. by Howard E. Roper, clerk, Napa Union High School District, to furnish and install a hot water heater and storage tank at high school. Plans obtainable from clerk or W. H. Weeks, architect, 369 Pine St., San Francisco.

LOS ANGELES, Cal.—Until 3 p. m., Dec. 28, bids will be rec. by public service Comm., 207 S Bdwy., for cast iron fittings under spec. 699. Jas. P. Vroman, secy.

SAN FRANCISCO—Until Jan. 9, 3 p. m., bids will be rec. by Board of Public Works for furnishing butterfly valves to be used in connection with penstock lines for the Mocassin Creek Power plant of the Hetch Hetchy project; est. cost $40,000. Equipment consists of fur. three Butterfly valves, each 104-in. inside dia. One c. l. blind flange for one side of valve. One steel platform extending over valves also all operating mechanism for all valves, by-pass valves and connectings in addition to all bolts and gaskets for joints and bolts for foundation and platform. Spec obtainable from office of City Eng., 3rd floor, City Hall.

HAYWARD, Alameda Co., Cal.—Until Dec. 22, 7 p. m., bids will be rec. by N. Bauer, clerk, Valle Vista School District, to furnish and install pumping plant and water system, plumbing and septic tank. Cert. check 10% payable to clerk req. Spec. obtainable from clk.

HAWTHORNE, Cal.—Bond issue for new water system carried at the recent election. The issue was for new services and added fire protection.

BURBANK, Cal.—Until 7 p. m., Jan. 8, bids will be rec. by city trustees for one pitless pump of the general design of the Layne & Bowler pump or deep well centrifugal turbine pump, of 1350 gals. per min. cap. Cert. check 25%. F. S. Webster, city clerk.

SACRAMENTO, Cal.—City Manager H. C. Bottorff authorized by city commissioners to purchase approximately $67,000 worth of pipe for water main extensions. Albert Givan, city eng.

CORCORAN, Kings Co., Cal.—American Cast Iron Pipe Co., Balboa Bldg., San Francisco, awarded contract by council to fur. 1100 ft. 8-in. water mains at $1.56 ft. and 1150 ft. 6-in. pipe at $1.09 ft. both prices, f. o. b. Corcoran.

ORANGE, Cal.—A $40,000 bond issue will be voted in January to provide a 1,000,000 gal. reservoir. Other imps. included are: 10,000 ft. cast iron water mains, 12 hydrants, $3000 for two 1000-gal. pumps, $8500 for one 125 h.p. natural gas engine.

PORTERVILLE, Tulare Co., Cal. — National Cast Iron Pipe Co., Los Angeles, at $3835.72 awarded cont. by city trustees to fur. 500 ft. 4-in. class B c.i. Bell and Spigot pipe; 8 4x4 Ts Bell Ends; 4 4x4 crosses with Bell Ends; 6 4-in. plugs tapped to 2-in. standards.

PLAYGROUNDS AND PARKS

SAN MATEO CO., Cal. — Standard Fence Co., 432 Bryant St., San Francisco, at approx. $35,000 awarded contract by Joint Highway Dist. No. 1, State of Calif., to fence approx. 17-mi. of Skyline Blvd. from Sneath road to Half Moon Bay rd in San Mateo county.

SEWERS & STREET WORK

BERKELEY, Alameda Co., Cal.—Council, E. M. Hann, Clerk, declares inten. to const. 6 ft. wide cem. walks in east side of California St., bet. Rose St. and Buena Ave. 1911 Act, C. L. Huggins, City Eng.

OAKLAND, Cal.—County supervisors announce they will provide $200,000 if the city of Oakland will provide $350,000 as its share of the cost to pave E-14th St., bet. 50th Ave. and the San Leandro line. In addition to paving the construction of drainage ditches and installation of pipes and culverts to prevent flooding will increase the cost of work. W. W. Harmon is city eng. of Oakland and Geo. A. Posey, Alameda county surveyor.

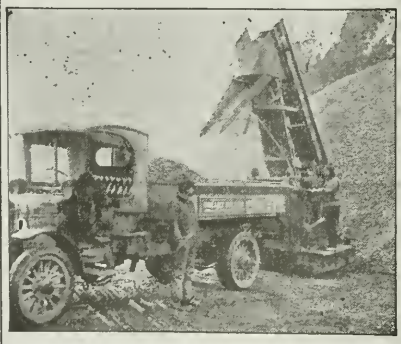
LOS ANGELES, Cal.—Until 11 a. m., Dec. 31, bids will be rec. by supervisors to imp. Western Ave., bet. 287.11 ft. n of Clarke Ave. and 382.7 ft. s of Rosecrans Ave., and portions of Los Angeles and Redondo Sts., approx. 6658 lin. ft., involv. 660 cu. yds. excav; 3272 tons asph. conc. top; 26,632 sq. ft. conc shoulders; 26,632 sq. ft. 3-in. concrete sand cushions. Pavement to be 20 ft. wide of 3-in. to 4-in. asph. conc. Aver. haul for asph. conc., 12 mi. from plant; aver haul for conc. material, 2 mi. from Strawberry Park on Pac. Elec. Ry. Cash Job No. 215.

PASADENA, Cal.—City Directors declare inten. to const. 8-in. vit. pipe sewer in Sinaloa Ave. bet. Las Lunas St. andw 260 ft. north, with flush tank, wye branches. etc.; 1911 act. W. C. Earle, City Engr.

SHASTA COUNTY, Calif. — Kaiser Paving Co., American Bank Bldg., Oakland, at $423,287.10 (Eng. est. $415,564) awarded cont. by State Highway Commission to grade and pave with Port. cem. conc. 9.95-mi. in Shasta county bet. Redding and Bayha. Project involv. 69,000 cu. yds. roadway embankment without classification; 33,000 sta. yds. overhaul; 600 cu. yds. struc. excav. without classification; 52,150 lin. ft. subgrade (preparing and shaping); 22,220 cu. yds. class A Port. cem. conc. (pavement); 310 cu. yds. class A Port. cem. conc. (culverts and monuments); 164 lin. ft. 12-in., 1434 lin. ft. 18-in. and 66 lin. ft. 24-in. corru metal pipe; 84 monuments. Commission will furnish corru. metal pipe.

LOS ANGELES COUNTY, Calif. — Until Jan. 7, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. 11.6-mi. of highway in Los Angeles county, bet. Thoute Ave. and west city limits; 11.6-mi. to be paved and the remainder to be graded. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

SACRAMENTO COUNTY, Cal.—Until Jan. 7, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with Port. cem. conc. 1.9-mi. in Sacramento county near Galt. R. M. Morton, State highway eng. **See call for bids under official proposal section in this issue.**

SONOMA COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, up to Dec. 31, 2 p. m. for grade 11.5 mi. of highway in Sonoma county, bet. Beltane & Schellville and 7.2 mi. to be surfaced with gravel or broken stone and 4.3 mi. paved with Port. cem. conc. Project involv. 45,000 cu. yds. roadway embankment without classification; 76,800 sta. yds. overhaul; 3900 cu. yds. struc. excavation without classification; 13,120 cu. yds. crushed gravel or broken stone surface; 22,524 lin. ft. subgrade (preparing and shaping); 8975 cu. yds. class A Port. cem. conc. (pavement); 1425 cu. yds. class Port. cem. conc. (culverts and monuments); 967 hundredweights bar rein. steel in place; 39 lin. ft. 18-in., and 34 lin. ft. 24-in. corru. metal pipe; 1464 lin. ft. size 2-in. and 220 lin. ft. size 3-in. reinforced conc. culvert (type A or B or C); 160 haul and set monuments. Commission will furnish corru. metal pipe. R. M. Morton, state highway eng.

SANTA ANA, Cal.—City trustees declare inten. to imp.:

E-4th St.; grade; pave with 5-in. concrete and 1½-in. asph. wearing surface.

Fairview Ave., bet. S Flower and S Bristol Sts., grade; pave with 4-in. asph. conc. base and 2-in. asph. conc. wearing surface; const. san. hse. sewers. 1911 act and 1915 bond act. W. G. Knox, city engr.

SONOMA COUNTY, Calif. — State Highway Commission authorizes preparation of specifications to resurface approx. 12-mi. of highway in Sonoma county bet. Santa Rosa and Willowbrook on the Redwood Highway. R. M. Morton, state highway eng.

SUTTER COUNTY, Calif.—No action taken by State Highway Commission with regard to request of Sutter county officials seeking pavement of approx. **6-mi. of highway of Sutter City on** the Tanoe-Ukiah Highway.

Burton A. Towne of Stockton is communicating with the commission regarding the improvement of the highway into the city of Stockton. R. M. Morton, state highway eng.

HANFORD, Kings Co., Cal.—California Construction Co., Hanford, at $48,867.66 submits only bid to city trustees to imp. portions of 6th, 7th, 8th, Douty and Irwin Sts.; regrade; repave gated iron and concrete culverts. Taken under advisement until Dec. 28. Ben Duffield, city eng.

LONG BEACH, Cal—Council declares inten. to const. cem. conc. pipe sewer in Frontenac Ct., bet. Broadway and Ocean Blvd., brick manhole, lamphole, Y branches, etc.; 1911 act. R. D. Van Alstine, city engr.

PORTLAND, Ore. — Estimates have been filed with the city auditor by the city engineering department for the extension and widening of Burnside Ave. The project is estimated to cost $2,548,165. The matter comes up for final action Jan. 2.

NEVADA STATE—Until Jan. 3, 2:30 p. m., bids will be rec. by State Highway Commission, Geo. W. Borden, state highway eng., to const. 17.59-mi. of highway in Clark county bet. Mormon Mesa and Nevada-Arizona state line, involv. 232,000 cu. ds. unclassified excavation; 51,67 0 yd. sta. overhaul; 7.36 mi. prepare subgrade and shoulders; 390 cu. yds. load selected material for sub-base; 390 yd. mi. haul selected material for sub-base; 390 cu. yds. spread selected material for sub-base; 11,200 cu. yds. load and screen gravel; 29,400 yd. mi. haul gravel; 11,200 cu. yds. spread gravel; 190 cu. yds. class A and 220 cu. yds. class B conc; 1290 lin. ft. 15-in., 1310 lin. ft. 18-in., 394 lin. ft. 24-in. and 216 lin. ft. 30-in. corru. metal pipe; 676 cu. yds. dry rubble masonry; 4792 lin. ft. wood guard rail; 40 stand. monuments; 95 special galv. iron pipe monuments; 220 cu. yds. rip rap.

NOTE — State Highway Dept. will have a car and driver available at Moapa to take prospective bidders over the work. Trips will be made on Mondays, Wednesdays and Fridays during the weeks of December 17th and 24th. Bidders desiring to take advantage of this transportation will make appointments through C. C. Boyer, Division Engr, Las Vegas, Nevada and should arrive at Moapa on trains three or four. **See call for bids under official proposal section in this issue.**

NEVADA STATE—Until Jan. 2, 1:30 p. m., bids will be rec. by State Highway Comm., Carson City, to const. 5.03 mi. highway in Lander co., bet. Carroll Summit and Campbell Creek Ranch. Project involv. 58,300 cu. yds. unclassified excavation; 19,026 yd. sta. overhaul; 2.28 mi. prepare subgrade and shoulders; 1900 cu. yds. loading and screening selected material; 2540 yd. mi. haul selected material; 1900 cu. yds spread selected material; 155 cu. yds. class A conc; 302 lin. ft. 15-in., 116 lin. ft. 18-in. and 28 lin. ft. 24-in. corru. metal pipe; 245 cu. yds. dry rubble masonry; 1600 lin. ft. stand. wood guard rail; 2272 lin. ft. special wood guard rail; 1800 cu. yds. hand placed fill; 2350 cu. yds. rip rap; 71 special galv. iron pipe monuments.

NOTE—One of the conditions to be contained in the Contract will be that work will not need to be commenced until the Spring of 1924, when work shall be commenced within 15 days after notice to commence work has been given the contractor by the State Highway Engineer, which notice will be given as early in the spring as weather conditions render it practicable to prosecute the work to advantage. Geo. W. Borden, state highway engineer. **See call for bids under official proposal section in this issue.**

LIVINGSTON, Merced Co., Cal. — F. E. Olson, H. J. Baker and J. W. Landram appointed as a committee to draw up a petition seeking the formation of a paving district to pave streets leading to the city limits on the north and east. It is estimated the pavement can be placed for $12,500 a mile or at a rate of approx. $3 per 50-ft. lot per year.

PITTSBURGH, Contra Costa Co., Cal —City Eng. Oliver completing estimates of cost to pave Railroad Ave., from 5th St. to Santa Fe right of way. The project will be a unit of the 1924 paving program to be discussed at the January session of the city trustees.

HAMPTON

ELECTRIC AND MFG. CO.

ELECTRICAL ENGINEERS AND CONTRACTORS

525 HOWARD STREET, SAN FRANCISCO

MOTORS

New and Used, Bought, Sold, Exchanged, Rented and Repaired

Industrial Light and Power Installation

Telephone SUTTER 3266

RENO, Nevada. — City council has finally adopted 1924 paving program which involves an expenditure of $182,914.42 involving approx. 731,657 sq. ft. pavement, same to be 3½-in. asph. consurface with asph. flush coat. Harry Chisem, city eng. and Silas E. Ross, chairman of Street Committee of City Council.

LOS ANGELES, Cal.—Wm. Liddington, 429 E 60th St., submittd low bid to Bd. Pub. Wks. to imp. Vernon Ave., bet. Van Ness Ave. and Angeles Mesa Dr., involv. grading $4990 (lump sum); 166,477 sq. ft. conc. paving 23.25c sq. ft; bitum. base paving 12c ft; 125 ft. curb 70c ft.; sidewalk 18.75c ft; $340 reinf. conc. culvert; 2542 ft. hse. sewers $1.50 ft.

C. W. Shafer, 3301 S Hill St., low to imp. Edgewater Terrace, bet. Ayr St. and 450 ft. s from Deane St., involving grading $900 (lump sum); 901 sq. ft. conc. paving 30c ft; 33,370 sq. ft. oil and roll 7c ft.; 3183 ft. curb 70c ft; 15,381 sq. ft. walk 21c ft; 6459 sq. ft. gutter 32c tt; storm drain $1150.

Wm. Liddington, 420 E 60th St., low to imp. Crenchaw Blvd., bet. 8th and 9th Sts., involv. grading $1350 (lump sum); 44,658 sq. ft. conc. paving 23.9c ft; 60 ft. curb 60c ft; 525 ft. hse. sewers $1.50 ft; 370 sq. ft. bitum. paving 12c ft.

Geo. H. Oswald, 366 E 58th St., low to imp. Lakme Ave., bet. M and Anaheim Sts., involv. grading $6300 (lump sum); 173,988 sq. ft. asph. paving; 6017 ft. curb 70c ft.; 30,262 sq. ft. walk 20c ft; 6742 sq. ft. gutter 26c ft; 1640 ft. hse. sewers $1.40 ft.

CALIFORNIA — District Engineer, bureau of public roads, U. S. Dept. of Agriculture, 9 Main St., San Francisco, Calif., proposes to advertise the Yuba Pass National Forest Highway Project early in January, 1924, for constructing during season of 1924. A location survey has been made of this project and center line staked. Blueprints showing center line & tentative grades are ready for distribution to contractors. Design and contract quantities have not yet been completed. Approx quantities are as follows: Clearing, 10 acres; excav., unclass., 135,000 cu. yds.

HUNTINGTON PARK, Cal. — The $250,000 sewer bond issue has been hold by city for premium of $3923.

LOS ANGELES, Cal.—No bids rec. by supervisors Dec. 10 for imp. work in Rd. Imp. Dist. N. 181, Las Flores Canyon Rd. and Hume Rd., 21,148 lin. ft. or 4.06 mi. (graded roadway 16 ft. wide, rolled and oiled), involv. 91,600 cu. yds. earth excav; 21,418 lin. ft. shaping roadbed; clearing and grubbing; 38,076 sq. yds. oil and sand surface; 154 ft. 12-in., 35 ft. 18-in., 155 ft. 24-in. and 75 ft. 36-in. corru. iron pipe culvert. Est. contr. price $65,876.

SANTA ANA, Cal.—Council declares inten. to imp.:

E 4th St., bet. Garfield St. and lot 7, blk A, Burgess Add., grade and pave with 5-in. conc. and 1½-in. asph. wearing surface; 1911 act.

Fairview Ave., bet. S Flower and S Bristol Sts., by grading and paving with 4-in. asph. conc. pavement and 2-in. asph. conc. wearing surface; construct curbs and hse. sewers; 1911 act. W. G. Knox, city engr.

TORRANCE, Cal.—Until Dec. 18, bids will be rec. by city trustees to grade and pave 222nd St., bet. Cabrillo and Arlington Aves., and portions of Cabrillo Ave. and Plaza del Amo, with 1½-in. National pavement on 2½-in. asph. conc. base.

Separate bids to imp. Martina Ave., bet. Carson and 218th Sts., grade and pave with 1½-in. Willite wearing surface on 3-in. asph. conc. base; 1911 act and 1915 bond imp. act. A. H. Bartlett, city clerk.

RICHMOND, Contra Costa Co., Cal.—Council, A. C. Faris, clerk, petitioned to imp. 55th ave. from El Cerrito city limits to Alameda Ave. Referred to City Eng. H. D. Chapman for report.

GLENDALE, Cal.—Preliminary plans and estimates have been completed by Burns and McDonnell, consulting engineers, Marsh-Strong Bldg., Los Angeles, and election has been called for Jan. 8 to vote bonds of $1,600,000 to finance construction of sanitary sewers.

NEWPORT BEACH, Cal. — Approx. quantities for sewer work on Balboa Island in Municipal Imp. Dist. No. 3, for which bids will be opened Dec. 24, are: 26,441 lin. ft. 8-in. cem. pipe; 2157 lin. ft. 12-in. dia. cem. pipe; 274 st. drops for house connections, type G; drops for house connections, type A; 14 st junc. chamber, type A; 5 st. junc. type B; 4 st. drop manhole, type C; 50 st. manhole, type D; 5 st. manhole, type E; 27 st. shallow flush tanks; 4 st. comb. flush tanks and manholes; 1 st. manhole, type H; pumping sta. No. 1, compl.; pumping sta. No. 2, compl; siphon under grand canal requiring approx. 135 lin. ft. of 12-in. dia. cast iron pipe and fittings; pressure line from pump sta. No. 1 to septic tank requiring approx. 470 lin. ft. of 6-in. cast iron pipe with flexible joints and 590 lin. ft. of 8-in. dia. cem. pipe with other appurtenances; 1 septic tank sludge bed, etc., compl.

OROVILLE, Butte Co., Cal. — M. C. Polk, Chico, at $24,598 awarded cont. by supervisors to const. Sec. A, Rt 17 of the county highway system, approx. 5.02 mi. Heafey, Moore and McNair, Oakland, bid $25,912.80.

M. C. Polk awarded cont. at $6595.70 to const. Sec. C, Rt 17 of Humboldt rd., 1.12 mi. in length. Heafey-Moore & McNair bid $6868.70.

CALISTOGA, Napa Co., Cal.—Case of J. F. Knapp, contractor against C. S. Piner et al, objectors to validaty of proceedings for street work in Calistoga totaling approx. $140,000, tried before Judge P. S. King in the Superior Court at Napa, has been decided in favor of the contractor.

AUBURN, Placer Co., Cal.—County Surv. J. A. Barieau preparing survey for permanent road from Newcastle to Lincoln over present route down Dutch Ravine, passing Columbia Orchard.

REDDING, Shasta Co., Cal.—County supervisors will appropriate $2500 to assist in financing construction of 1½ mile of road beyond Harrison Gulch provided the Government will appropriate a like amount from the Trinity National Forest Funds.

ELSINORE, Calif. — Preliminary plans and estimates have been completed by Burns and McDonnell, consulting engineers, Marsh-Strong Bldg, Los Angeles, for sewer improvements and bonds of $28,000 will be voted to finance construction.

BAKERSFIELD, Kern Co., Cal.—Until 5 p. m., Dec. 24, bids will be rec. by council for sewer work in Sewer Dist. No. 483. Plans on file at office of city clerk. V. Van Riper. Cert. check or bond 10%.

GLENDALE, Cal.—Until 10 a. m., Dec 20, bids will be rec. by city trustees to imp. Watson Ct., Elm Ave. and Mountain St, grade; pave with macad.; const curbs, gutters, water mains; 1915 bond imp. act. A. J. Van Wie, city clerk.

GLENDALE, Cal.—Cornwell & Henderson, 120 S Glendale Ave., submitted low bid to council at $10,918 to improve Monterey Rd; involv. 84,683 sq. ft. grading 1c sq. ft.; 53,200 sq. ft. 3-in. macad. 10.5c ft.; 2543 ft. curb 50c ft.; 12,820 sq. ft. walk 17c ft.; cast iron water pipe complete, $1080.

W. J. Curren, Box 159 Glendale, low at $5102 to imp. Windsor Rd., involv. 34,000 ft. grading 1c ft.; 20,410 sq. ft. 3-in. macad. 11c ft.; 1367 ft. curb 50c ft.; 3450 sq. ft. walk 16.5c ft; cast iron water pipe $1264.

W. J. Curren, low at $3530 to imp. Cerritos Ave., bet. Gardena and Pacific Sts., involv. 168 sq. ft. grading 1.5c ft; 15,072 sq. ft. 5-in. macad. paving 14c ft; 334 ft. curb 50c ft.; 2936 sq. ft. walk 17c ft.; cast iron water pipe complete, $481.

OAKLAND, Cal.—Until Dec. 31, 10 a. m., bids will be rec. by Geo. E. Gross, county clerk, to imp. streets in towns of Livermore and Pleasanton, involv. 4200 cu. yds. grading; 134,000 sq. ft. sub-grade; 40 cu. yds. culvert excavation; 20 cu. yds. conc. in structures; 2000 lbs. reinf. steel; 100 lin. ft. 12-in. corru. pipe culvert; 130,000 sq. ft. 5-in. conc. pavement; 180 lin. ft. 18-in. corru iron culvert. Spec. obtainable from County Surveyor Geo. A. Posey.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crummey, 11 Pearl St., Oakland, awarded cont. by council to improve:

Santa Clara St. bet. Market and First Sts., involv. removal of existing basalt block gutters and make gravel fill replacing with hydr. conc. gutters; remove portions of existing bit. wearing surface pavement and replace with asph. conc. binder course, etc.

2nd, bet. Santa Clara and San Fernando St., involv. removal of existing basalt block gutters and const. hyd. conc. gutters in place with gravel fill foundation; remove portions of existing bit. wearing surface and replace with asph. conc. binder etc.

LOS ANGELES, Cal.—Laguna Land & Water Co., Consol. Realty Bldg., submitted only bid to supervisors at $20,049 to imp. Riverside Dr., bet. 52nd St. and Baker Ave., 8519 ft. or 1.61 mi. (30-ft. pavement), involv. 28,397 sq. yds. shaping roadway 3.6c yd; 28,397 sq. yds conc. pavement 67c yd.

Geo. Snyder, 402 Bradbury Bldg., low bidder at $12,208 to imp. Ricker Ave., bet. Whittier Blvd. and Louisiana Ave. (Co. Imp. No. 23), involv. 1012 cu. yds. excav. 70c yd.; 9997 sq. ft. conc. gutter 28c ft; 4572 ft. curb 60c ft.; 17,243 sq. ft. walk 20c ft.; 62,700 sq. ft. oil and screenings roadway 4c ft.

Griffith Co., 502 L. A. Ry Bldg., Los Angeles only bidder at $3000 to const. paved road connecting Marengo St. entrance, including walks and accessories at the Los Angeles general hospital.

LIVERMORE, Alameda Co., Cal. — Town trustees will have plans prepared to pave West First St. from N St. to town limits.

SANTA ROSA, Sonoma Co., Cal. — County supervisors, W. W. Felt Jr., clerk ,will gravel Edwards and Range Aves., in the Jennings tract, north of Santa Rosa.

EUREKA, Humboldt Co., Cal.—Advisory Committee on Roads, recommends to county supervisors that following roads be constructed (1) Arcata to Samoa; (2) Alton to county line nr. low gap of Mad river by water grade as near as possible; (3) Ferndale via Petrolia, Ettersburg and Briceland and down new Redwood creek rd. to connection with state highway by most practical route; (4) Willow creek to Hoopa to connect Trinity lateral ith government rd. to Weitchpec; (5) from Alderpoint via Harris and east branch to state highway south of Garberville by most practical route; (6) rd. to connect Kneeland, Iaqua and Butler Valley country with highway. Committee recommends that all roads incorporated in primary road system be graded to width of not less than 16 ft., graveled and traveled for 2 years before permanent surface is placed. A. J. Logan is county surveyor.

GILROY, Santa Clara Co., Cal.—Until Dec. 19, 5 p. m., bids will be rec. by F. Rogers, city clerk, for fur. and del. 460 lin. ft. 18-in. and 296 lin. ft. 20-in. sewer pipe. Cert. check 10% req. with each bid. Spec. and further information obtainable from clerk.

SAN JOSE, Santa Clara Co., Cal. — City council sells $400,000 bond issue, voted to finance construction of sewers. Wm. Popp, city eng.

LODI, San Joaquin Co., Cal. — City council, J. F. Blakely, clerk, declare inten. to imp. Garfield St., bet. R.R. and Vine St.; Central Ave., from pavement in place to Vine St., and Harold St. from Cherokee Lane to Garfield St., involv. grade; pave with 2½-in. asph. conc. base with 1½-in. Warrenite bit. surface; conc. gutters; conc. curb. 1911 Act and 1915 Bond Act. Protests Dec. 17. L. F. Barzellotti, city engineer.

SAN BRUNO, San Mateo Co., Cal.—Municipal Construction Co., 306 12th St., Oakland, at $90,224.59 awarded cont. by city trustees to imp. portions of Elm, Acacia, Cypress, Hazel, Clark, Crystal Springs Aves., involv. grade; const. comb. cem. conc. curbs, gutters and walks; pave with asph. conc. base with Warrenite-Bit. wearing surface; steel rein. cem. conc. storm water conduit; 8 and 6-in. ironstone pipe sanitary sewers; 4-in. vit. lateral side sewers; vit. pipe storm sewers, etc. Other bids were: Warren Const. Co., Oakland, $93,779.10; Bates and Borland, Oakland, $94,734.23.

LOS ANGELES, Cal. — Nick Bebek, 425 W 78th St., submitted low bid to Bd. Pub. Wks. at $3800 to const. sewer in Vista Dr., bet. Whittier Blvd. and Atlantic St.

S. M. Milovich, 4442 Mettler St., low bidder at $1998 to const. a sewer in N Broadway, bet. Fremont Gate, Elysian Park and Solano Ave., involv. 866 ft. 8-in. sewer.

GLENDALE, Cal.—The proposed $1,600,000 sewer bond issue for which an election has been called on Jan. 8, will provide funds for both a city sewerage system and an outfall, which is to connect with the Los Angeles outfall sewer near the Santa Fe Station, Los Angeles. The internal sewer system for the city of Glendale comprises nine mains, estimated to cost $277,966. These mains will be of pipe varying from 8-in. to 24-in. dia. The main outfall which will have a total length of 49,744 ft. will begin at Aviation Dr. and end at 6th & Utah Sts. The nine mains will tap it at points as follows: Main No. 1, Tyburn and Hollydale Dr.; Main No. 2 at Parkdale Ave.; Main 2-A and No. 3 to connect with No. 2; Main No. 4 at Colorado St; Main No. 5 joins with Main No. 4; Main No. 6 at Aviation Dr; Mains Nos. 7 and 8 connect with Main No. 6. The outfall line will contain 5480 ft. 42-in., 5740 ft. 45-in., 28,905 ft. 48-in., 1910 ft. 51-in.. and 7709 ft. 54-in. pipe. The type selected will be chosen by competitive bids. The engineering work is being done by the firm of Burns & McDonnell, 415 Marsh-Strong Bldg., Los Angeles, Chester A. Smith, in charge. Plans have been completed.

SAN JOSE, Santa Clara Co., Cal. — A. J. Raisch, 46 Kearny St., San Francisco, awarded cont. by council to imp. 3rd St., bet. Empire and Taylor Sts., involv. grade; pave with 1½-in. Durite apsh. conc. surface with 3-in. Durite asph. conc. base; hyd. cem. conc. curbs and gutters.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Kansas St., bet. 35th and Midvale Aves., involv. grade and pave; const. curbs, gutters and walks. 1911 Act. Protests Jan. 3. W. W. Harmon, city eng.

Auto Supplies
at Cut Rate

EVERYTHING FOR YOUR MACHINE

Zimmerlin Bros. Co.

Established 1907

3190 MISSION ST. — Junction Valencia — Phone Market 8926

24 VAN NESS AVENUE — Near Market

TORRANCE, Cal.—M. C. Halsey, engineer, 661 Pac. Elec. Bldg., Los Angeles, taking bids to install 1200 ft. each of 24-in., 8-in. and 6-in. vitrified or cem. sewer pipe for storm drain at Torrance for Pacific Electric Ry. Co.

SAN DIEGO COUNTY, Calif. — Following bids rec. Dec. 10 by State Highway Comm., Forum Bldg., Sacramento, (R. M. Morton, state highway engineer), to pave with Port. cem. conc. 16.2 mi. in San Diego county bet. San Diego and Oceanside, project involv. 44,000 cu yds. excavation without classification; 150,000 sta.yds. overhaul; 12,220 cu. yds. class A Port. cem. conc. (pavement and shoulders, poured 20-ft. wide at a time); 15,280 cu. yds. class A Port. cem. conc. (pavement and shoulders, poured 10-ft. wide at a time); 2210 cu. yds. class A Port. cem. conc. (shoulders); 3730 hundredweights reinforced steel in place; 580 cu. yds. removal of broken conc. in existing base:

Jahn & Bressi, L. A.	$436,045
Kaiser Paving Co., Oakland	444,246
David H. Ryan & Son, San Diego	450,279
Dilton, Patterson & Downs, Los Angeles	453,482
Geo. H. Oswald, L. A.	464,935
Geo. R. Curtis, L. A.	476,005
Pasich, Brose & Merced Culvert Co., Los Angeles	842,942
Twohy Bros., S. F.	487,668
Francisco & Ellington, L. A.	530,755
H. D. Churchill & Co., L. A.	531,847
Lynn S. Atkinson, Jr., L. A.	537,610
Blumenkranz & Vernon, Stockton	543,265
Isbell Constr. Co., Fresno	552,374
Springville, Utah	553,128
California Constr Co., S. F.	576,419
Engineer's estimate	526,145

LOS ANGELES COUNTY, Calif. — Following bids rec. Dec. 10 by State Sacramento, (R. M. Morton, state highway engineer), to grade 10.4 mi. in Los Angeles county bet. Quail Lake & north boundary, project involv. 40,000 cu. yds. sta. yds. overhaul; 1000 cu. yds. excavation without classification; 500 cu. yds. class A Port. cem. conc. (culverts); 12 lin. ft. 12-in., 850 lin. ft. 18-in. and 282 lin. ft. 24-in. corrugated metal pipe. Commission will furnish corrugated metal pipe.

Williams & Singletary, Colton	$43,675
P. E. Crowley, L. A.	47,724
H. D. Fenton, San Diego	71,011
Isbell Constr. Co., Fresno	78,224
S. Wright Jewett, L. A.	79,108
Engineer's estimate	51,291

SAN MATEO CO., Cal. — Standard Fence Co., 432 Bryant St., San Francisco, at approx. $35,000 awarded cont. by Joint Highway Dist. No. 1 State of Calif. to fence approx. 17-mi. of Skyline Blvd. from Sneath road to Half Moon Bay rd. in San Mateo county.

HILLSBOROUGH, San Mateo Co., Cal —Town trustees will call election to vote bonds of approx $30,000 to finance paving of various roads in town limits. Preliminary plans call for macadam pavement in portions of Clarendon Ave grade and macadamize portions of Bromfield rd., 4-in. conc. pavement, 16-ft. wide in portion of Hyne rd., 1½-in. asph. surface, 16-ft. wide on existing macadam base in portions of Howard rd., other portions of Howard rd. to have 16-ft. wide, 4-in. thick. Imp. of other roads also contemplated. W. C. Hammatt, town engineer, Hearst Bldg. San Francisco.

COLUSA, Colusa Co., Cal.—County Highway Eng. J. M. Felknor is completing plans for the Princeton-Colusa and Grimes-Colusa sections of the county highway system to be financed through the county bond issue. These two units will be approx. 22-mi. in length of concrete construction. Bids will probably be asked at the Jan. 15 meeting of the supervisors.

HANFORD, Kings Co., Cal. — City council, D. C. Williams, clerk, declare inten. to imp. Florinda St., bet. Harris and Brown and portions of Myrtle Sts., involv. grade and pave with 3-in. bituminous base with 1½-in. Warrenite Bit. wearing surface; cement curbs; corru. iron and conc. culverts. 1911 Act and Bond Act 1915. Protests Dec. 28. Ben Duffield, city eng.

PORTERVILLE, Tulare Co., Cal. — City Eng. Fred Pease preparing spec. to pave D St., bet. Mill and Vine Sts.

TUCSON, Ariz.—Borderland Constr. Co., Tucson, low bidder at $158,725.02 to pave Speedway with asph. conc. The company's bid on 1½-in. warrenite was also $158,725.02; on 5-in. conc. the bid was $185,385.02. Other bids were: Kisselberg, Schmidt & Hitchcock, Phoenix, $166,956.50 on asph. concr.; Warren Bros. of Phoenix, at $164,947.16 on Warrenite surfacing; Tucson Co., $164,947.16 on warrenite, $162,137.90 on asph. conc.; $162,137.90 on Willite, and $182,087.90 on 5-in. conc. Bids were referred to City Engr. G. H. Atchely for checking.

CHICO, Butte Co., Cal. — Contract awarded to the Chico Paving Co., Chico, at approx. $150,000 to pave certain streets has been declared illegal by Superior Judge H. D. Gregory and new proceedings will be started for the improvements. F. A. Lammiman, city engineer.

VENICE, Cal.—Until 10 a. m., Dec. 18 bids will be rec. by city trustees to imp Machado Dr., bet. Seventh Ave. & Lincoln Blvd.; grade and pave with oil macad., const. 8-in. vit. pipe san. sewer 1911 act. T. H. Hanna, city clerk.

AUBURN, Placer Co., Cal. — County supervisors vote to const. road along south side of r.r. embankment at Newcastle running east from present subway on main county road at Newcastle. J. A. Barleau, county surveyor.

LOS ANGELES, Cal. — City council selects D. L. Reaburn, consulting engr., Central Bldg., as general supt. of all work on the proposed Mulholland Skyline Drive which city will const. by force account. The road will extend from the top of Cahuenga Pass to Topango Canyon, 108,344.17 lin. ft.; will have pavement bet. 24 and 40 ft. wide, although type of pavement has not yet been determined. The plans call for an ultimate width of 200 ft. The preliminary engineering work was done by the firm of Reaburn & Bowen, for the Hollywood Foothills Imp. Assn., 403 S Hill St., which financed preliminary surveys, etc.

SAN FRANCISCO—Until Dec. 19, 3 p. m., bids will be rec. by Board of Public Works to grade and install culverts for Ocean View Extension of the Municipal Railway System, est. cost $100,000. Bond of $25,000 will be req. of sucessful bidder. Project involves:

64,000 cu. yds. excavation, haul under 400 ft.

188,000 cu. yds. excavation, equivalent to 100 ft. overhaul.

100 cu. yds. excavation, or embankment for culverts.

28,000 sq. yds. top soil removed, store and replaced.

70 lin. ft. 8-in. dia. No. 16 gauge pipe culverts.

200 lin. ft. 18-in. dia. No. 14 gauge pipe culverts.

155 lin. ft. 24-in. dia. No. 14 gauge pipe culverts.

50 lin. ft. 36-in. dia. No. 36 gauge pipe culverts.

50 cu. yds. conc. in headwalls, wings and aprons.

Specifications obtainable from Bureau of Engineering, 3rd floor, City Hall. M. M. O'Shaughnessy, city eng.

FRESNO COUNTY, Calif.—Fresno & Monterey counties will be asked by Sierra-To-The-Sea Highway Committee to construct the 28-mi. missing link in the highway from Three Rivers to the ocean. The stretch to be improved lies between Coalinga and the coast highway to Kings City, through Priest's Valley. Portions of the road are in Fresno and Monterey county.

FULLERTON, Cal. — L. H. Folsum, Santa Ana, awarded cont. by city trustees at approx. $15,000 to const. main 24-in. and 22-in. lines of the joint outfall sewer system. His bid was: $1.27 ft. 24-in. pipe; $1.19 22-in. pipe; $80 ea. for manholes; $5 cu. yd. extra gravel; plus 15% for extra work not covered in specifications.

Stroud Bros. Fullerton awarded cont. to const. lateral and hse. connections at $5000.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

No Excuse for Bumpy Streets

There is a pavement—Concrete—that does not develop bumps or ruts even under the heaviest traffic, but is rigid, permanent, and has maintenance *built into it.*

Cities and towns throughout the country are paving with Concrete because of these qualities—and because it is skid-proof, clean, and comfortable to ride on.

Our Booklet R-4 on Concrete Streets tells of the experiences of these towns. Write for your copy, sent free.

PORTLAND CEMENT ASSOCIATION

785 Market Street
SAN FRANCISCO

A National Organization to Improve and Extend the Uses of Concrete

Offices in 27 Other Cities

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4506	Cuneo	Owner	8500
4507	Sterling	Owner	1200
4508	Pasqualetti	American	15000
4509	Imperial	Owner	5000
4510	Tyler	Owner	50000
4511	Lang	Owner	6000
4512	Wilbert	Hansen	20000
4513	Hansen	Owner	12000
4514	Born	Born	12000
4515	Oldenberg	Lundy	1000
4516	Edmonds	Meyer	16000
4517	Michael	Owner	6000
4518	Renicke	Gilmour	3000
4519	Heilmann	Owner	15000
4520	Hough	Glasser	1200
4521	Kafka	Hamill	4000
4522	Koenig	Owner	16000
4523	Janssen	Owner	160000
4524	Southern	Raisch	——
4525	Hanratty	Finegan	8300
4526	Cassidy	Erickson	3800
4527	O'Malley	Merritt	2000
4528	Heise	Haggans	14000
4529	Mangels	Mangels	7000
4530	Hueter	Boxton	24000
4531	Muller	Braas	2250
4533	Fogarty	Harden	9920
4533	Pacific	Carlin	875
4534	S P Co.	McElroy	——
4535	Fitzhugh	Neal	1656
4536	Same	..Dierssen	2896
4537	Lindeman	Lindeman	14000
4538	O'Brien	Kiernan	17000
4539	Getz	Owner	10000
4540	Moeller	Meyer	3000
4541	Caranza	Owner	8000
4542	Lindeman	Owner	20000
4543	Davock	Owner	3000
4544	Berryman	Meyer	3000
4545	Mitchell	Mitchell	12000
4546	Larkin	Meyer	4000
4547	Svenson	Owner	1800
4548	Stern	McCarthy	8200
4549	Kinney	Owner	60000
4550	Tierney	Drewss	1000
4551	Williams	Owner	3600
4552	McDonough	Owner	24000
4553	Nelson	Owner	6000
4554	Lapham	Owner	7500
4555	Bowen	Christensen	7000
4556	Brymner	Owner	6000
4557	Smith	Owner	4000
4558	Hansen	Velentine	11066
4559	Britt	Christiansen	8000
4560	Spreckels	Pacific	——
4561	Grannis	Young	15000
4562	Muriale	Amoroso	9000
4563	Born	Owner	15000
4564	Damarais	Owner	5500
4565	Atkey	Owner	1600
4566	Carlson	Owner	7000
4567	Novello	Owner	3500
4568	Hermanson	Owner	9000
4569	Broussol	Owner	2500
4570	Schulte	Owner	10500
4571	Darock	Owner	3000
4572	Gawthorne	Owner	4000
4573	Klahn	Owner	20000
4574	Western	Sugar	195000
4575	Wilker	Meyer	6676
4576	Segali	Wesendunk	12560
4577	Blum	Owner	3000
4578	Larson	Owner	6000
4579	Johnson	Owner	2000
4580	Musso	Owner	1000
4581	Loller	Kenzie	20000
4582	Janssen	Owner	4000
4583	Same	Same	12000
4584	Dahlberg	Owner	15000
4585	Friend	Owner	14950
4586	Ross	Meyer	31500
4587	Brunig	Veylile	5850
4588	Biondi	Ghezzi	16900
4589	Otis	Calif.	2302
4590	Fitzhugh	Hulse	1140
4591	Oldenberg	Lundy	2350

FLATS

(4506) E CHURCH 84 N 17th. 2-story and basement frame (2) flats.
Owner—J. L. Cuneo, 360 Dolores St., San Francisco.
Architect—None. $8500

ALTERATIONS

(4507) SW CONNECTICUT & EIGHTEENTH Sts. New store front; concrete work and lay magnesite flooring, etc.
Owner—Sterling Investment Company, Hearst Bldg., San Francisco.
Architect—Chas. Rogers, Phelan Bldg., San Francisco. $1200

GARAGE

(4508) S OCEAN AVE. 25 W Brighton. 2-story reinforced concrete public garage.
Owner—Joseph Pasqualetti 785 Market St., San Francisco.
Architect—None.
Contractor — American Concrete Co., 785 Market St., S. F. $15,000

ALTERATIONS

(4509) W JONES 137-6 N McAllister. Remodel store front; erect kitchen partitions; tile flooring; plumbing; electric work; concrete floor and install restaurant fixtures.
Owner—Imperial Grill, 1067 Market St. San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco. $5000

APARTMENTS

(4510) W LEAVENWORTH bet Geary and Post. 5-story and basement reinforced concrete (30) apartments.
Owner—P. D. Tyler, 1438 Cabrillo St., San Francisco.
Architect—Woodward Wethered, care State Hotel, City. $50,000

DWELLING

(4511) E LINAIRES AVE. 360 W 8th Ave. 2-story and basement frame dwelling.
Owner—Lang Realty Co., 219 1st Natl. Bank Bldg., San Francisco.
Architect—H. Stoner, 219 1st Natl. Bk. Bldg., San Francisco. $6000

APARTMENTS

(4512) W PIERCE 100 S McAllister. 3-story and basement frame (12) apartments.
Owner—F. S. Wilbert, et al., 315 Montgomery St., San Francisco.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F.
Contractor—F. L. Hansen, 510 Pine St., San Francisco. $20,000

DWELLINGS

(4513) E SAN JOSE AVE. 125 150 175 200 N San Juan. 4 1-story and basement frame dwellings.
Owner — Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000 each

DWELLING

(4514) W SANTA CLARA 208 N Monterey Blvd. 2-story and basement frame dwelling.
Owner—Mary L Born, Monadnock Bldg San Francisco.
Architect—S. A. Born Bldg. Co., Monadnock Bldg., San Francisco.
Contractor—S. A. Born Bldg. Co., Monadnock Bldg., S. F. $12,000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLING
(4515) W THIRTY-SIXTH AVE. 200 S Taraval. 1-story and basement frame dwelling.
Owner — Chas. & Emily Oldenberg, 3677½ 19th St., San Francisco.
Architect—R. R. Irvine, Call Bldg., San Francisco.
Contractor—A. L. Lundy, 106 11th St., San Francisco. $1000

DWELLINGS
(4516) W THIRTY-SIXTH AVE. 200 225 250 275 N Balboa. 4 1-story and basement frame dwellings.
Owner—J. W. Edmonds, 672 27th Ave., San Francisco.
Architect—None.
Contractor — Meyer Bros., 603 First Natl. Bank Bldg. S. F. $4000 each

DWELLINGS
(4517) S TWENTY-THIRD 50 68-6 W Alabama. 2 2-story and basement frame dwellings.
Owner—J. Michael & C. Bomerer, 762 De Haro St., San Francisco.
Architect—Geo. Wieniger, 76 Eureka St, San Francisco. $3000 each

HOTEL
(4518) NW BUSH AND JONES. Brick and cement plaster front of hotel.
Owner—F. Ronicke, 918 Harrison St., San Francisco.
Architect—None.
Contractor—Wm G. Gilmour, 180 Jessie St., San Francisco. $3000

DWELLINGS
(4519) S BAY 83 E Larkin. Three one-story and basement frame dwellings.
Owner—Louis Heilmann, 645 Bush St., Apt. 401, San Francisco.
Architect—None. $5000 each

BAKE OVEN
(4520) NO. 622 FILLMORE. Inst 11 brick bake oven in bakery.
Owner—J. W. Hough, 577 Fillmore St., San Francisco.
Architect—None.
Contractor—J P. Glaser Co., 180 Jessie St., San Francisco. $1200

DWELLING
(4521) E FORTY-FIFTH AVE 100 S Anza. One-story and basement frame dwelling.
Owner—Grace Kafka, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $4000

FRAME FLATS
(4522) S LOMBARD 50 AND 75 W Franklin. Two-story and basement frame (2 in each) flats.
Owner—Chas. J. U. Koenig, 520 Church St., San Francisco.
Architect—None. $3000 each

DWELLINGS
(4523) W TWENTY-SEVENTH AVE 171-8, 195, 218 and 241-8 S Anza. Four one-story and basement frame dwellings.
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $4000 each

PAVEMENT
(4524) NORTH POINT ST. bet. W line Embarcadero and pt. on N North Point 100 W Jones. All work for 38,000 sq. ft. asphalitc concrete pavement on outside of tracks.
Owner — Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—None.
Contractor—Raisch Improvement Co., 46 Kearny St., San Francisco.
Filed Dec. 6, '23. Dated Nov. 16, '23.
At close of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $0.224 sq. ft.
Bond, $8512. Surety, National Surety Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COTTAGES
(4525) SW RANDALL 600 SE Harper. All work except grading, glass, shades and electrical fixtures for 2 frame cottages.
Owner—James Hanratty, 1723 Sanchez St., San Francisco.
Architect—None
Contractor — James J. Flnegan, 3344 Army St., San Francisco.
Filed Dec. 6, 1923. Dated Aug. 15, 1923. Paymenta not given.
TOTAL COST, $3300
Bond, Sureties, Forfeit, Limit, Plans & specifications, none.

DWELLING
(4526) S CHENERY bet. Miguel and Mateo. Two-story and basement frame dwelling.
Owner—Mrs. G. Cassidy, 322 Chenery St., San Francisco.
Plans by Owner.
Contractor — Henry Erickson, 1825 Church St., San Francisco. $3800

ALTERATIONS
(4527) NO. 1170 EDDY. Alter residence; cement plaster front; terrazzo steps; remodel for basement garage.
Owner—M. L. O'Malley, Premises.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., 3014 Geary St., S. F. $2000

ALTERATIONS
(4528) S MARKET 40 W Noe. Rearrange stores and remodel 2nd floor for offices.
Owner—W. L. Heise, Rm. 711, 110 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor — C. Haggans, 50 Stanton St., San Francisco. $14,000

RESIDENCE
(4529) W SANTA CLARA 82 N Terrace Drive Two-story and basement frame residence.
Owner—H. C. and W. J. Mangels, 4792 Mission St, San Francisco.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $7000

DWELLINGS
(4530) NE SAN RAFAEL & DARIEN Way.
E SAN RAFAEL 35, 75 and 155 N Darien Way. Four one-story and basement frame dwellings.
Owner—O. M. Hueter, 805 Flatiron Bldg., San Francisco.
Architect—Harold G. Stoner, 1st Nat'l. Bank Bldg., San Francisco.
Contractor—Boxton & Zwieg, 809 Flatiron Bldg., S. F. $6000 each

ROOM.
(4531) 833 MARKET ST. Display room on easterly wall of 3rd floor.
Owner—Muller & Raas Co., premises.
Architect—Alfred H. Jacobs, 110 Sutter St., San Francisco.
Contractor—Braas & Kuhn, 1917 Bryant St., San Francisco.
Filed Dec. 7, 1923. Dated Dec. 7, 1923.
Completed and accepted ...$1912.50
Usual 35 days 637.50
TOTAL COST, $2550
Bond, $2550; Sureties, P. Ruppert & B. Anderson; Forfeit, none; Limit, Jan. 5, 1924; Plans and specifications filed.

FLAT BLDG.
(4532) E GOUGH 75 N Lombard E 87-6 x N 25. All work for 2-story frame flat bldg. and garage.
Owner — Martin A. & Delia Fogarty, 1670 Sanchez St., S. F.
Architect—None.
Contractor—John Harder, 870 39th Ave San Francisco.
Filed Dec. 7, 1923. Dated Nov. 27, 1923.
Frame up 2480
Brown coated 2480
Completed and accepted 2480
Usual 35 days 2480
TOTAL COST, $9920
Bonds, Sureties, Forfeit, none; Limit 90 days; Plans and specifications filed.

BACKFILLING ETC.
(4533) LOT 58 IN BLK BDD. BY Stevenson, 5th, Jessie and 6th. Backfilling, grading and leveling for site.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—Carlin Grading Co., 180 Jessie St., San Francisco.
Filed Dec. 7, 1923. Dated Nov. 30, 1923.
On completion 75%
Usual 35 days 25%
TOTAL COST, $875
Bond, $800; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 10 days; Plans and specifications filed.

RESURFACING ETC.
(4534) NW FOURTH ST. BEG. KING and Berry and on 5th St. bet. King and Berry. Resurfacing 4th St. N & S of Channel St. bridge.
Owner — Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—None.
Contractor—Jas. R. McElroy, 180 Jessie St., San Francisco.
Filed Dec. 7, 1923. Dated Nov. 22, 1923.
Close each month 75%
Usual 35 days 25%
TOTAL COST—$.145 per sq. ft. for resurfacing 1100 sq. ft.; $.23 sq. ft. resurfacing 3200 sq. ft. and applying 2-in. course of asphaltic concrete; $.34 sq. ft. for 3600 sq. ft. 4-in. asphaltic concrete.
Bond, $2119.50; Sureties, American Indemnity Co.; Forfeit, Limit, none; Plans and specifications filed.

PAINTING
(4535) NE POST AND POWELL N 137-6 x E 162-9. Painting for 10-story class A office bldg.
Owner—Wm. M. & Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—The Neal Co., 544 Hayes St., San Francisco.
Filed Dec. 7, 1923. Dated Dec. 1, 1923.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $1656
Bond, $828; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, Jan. 2, 1924; Plans and specifications filed.

(4536) ELECTRIC LIGHT FIXTURES on above.
Contractor—D. Dierssen Co., 20 2nd St. San Francisco.
Filed Dec. 7, 1923. Dated Nov. 30, 1923.
Payments same as above.
TOTAL COST, $2896
Bond, $1448; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, Dec. 31, 1923; Plans and specifications filed.

BUILDING
(4537) W ELEVENTH AVE. 200 S Cabrillo S 25 & W 120. All work for 2-story and basement frame bldg.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.
Filed Dec. 7, 1923. Dated Oct. 18, 1923.
On execution of agreement....$1750
Roof on 3062.50
Brown coated 3062.50
Completed and accepted 3062.50
Usual 35 days 3062.50
TOTAL COST, $14,000
Bond, Sureties, Forfeit, none; Limit 90 days; Plans and specifications filed.

FACTORY Y
(4538) W FOURTH 48 S Folsom. One story reinforced concrete Class C factory.
Owner—O'Brien-Kiernan Invst. Co., 608 Alexander Bldg., San Francisco.
Architect—None.
Contractor—Kiernan & O'Brien, 608 Alexander Bldg., S. F. $17,000

STORES
(4539) S WEST PORTAL AVE 60 E Vicente. One-story concrete stores.
Owner—B. Getz, 1605 Chronicle Bldg., San Francisco.
Architect — Morrow & Garren, 1605 Chronicle Bldg., S. F. $10,000

DWELLING
(4540) W FORTY-SIXTH AVE 75 S Cabrillo. One-story and basement frame dwelling.
Owner—Gustave Moeller Jr., 2221 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., San Francisco. $3000

FRAME FLATS
(4541) N EIGHTEENTH 24 W Capp. Two-story and basement frame (2) flats.
Owner—G. Caranza, 374 Shotwell St., San Francisco.
Architect—None. $8000

APARTMENTS
(4542) W NINTH AVE 200 and 225 S Balboa. Two two-story and basement (4 in each bldg.) apartments

Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Designer — W. R. Lindeman, 619 27th Ave., San Francisco. $10,000 ea

DWELLING
(4543) N SILVER AVE 250 W Congdon. One-story and basement frame dwelling.
Owner—William Davock, 138-A Russ St., San Francisco.
Architect—Geo. S. Skidmore, 302 Kearny St., San Francisco. $3000

DWELLING
(4544) W FORTY-SIXTH AVE 50 S Cabrillo. One-story and basement frame dwelling.
Owner—E. H. Berryman, 209 Post St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $3000

FRAME FLATS
(4545) E POTRERO AVE 25 and 50 N Twenty-fifth. Two two-story and basement and attic frame (2 in ea bldg.) flats.
Owner—Thos. Mitchell, 1370 Utah St., San Francisco.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F. $6000 each

DWELLING
(4546) W GOUGH 87-6 S Francisco. One-story and basement frame dwelling.
Owner—Wm. Larkin, 3700 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $4000

DWELLING
(4547) E EDGAR PLACE 150 S Bruce. One-story and basement frame dwelling.
Owner—Otto T. Svenson, 336 Clementina St., San Francisco.
Architect—None. $1800

BUILDING
(4548) W TWENTY-FIFTH AVE 100 S Lincoln Way S 25xW 120. All work for one-story frame building with basement.
Owner—Moses and Hannah Stern, 1461 Haight St., San Francisco.
Plans by Contractor.
Contractor — John E. McCarthy, 1479 12th Ave., San Francisco.
Filed Dec. 8, '23. Dated Dec. 7, '23.
Enclosed $1550
Brown coated 1550
Completed and accepted..... 1550
Usual 35 days..... 1550
TOTAL COST, $6200
Bond, $3100. Sureties, Chas. J. McCarthy and P. J. Sullivan. Limit, 90 days after Dec. 10. Forfeit, none. Plans and specifications filed.

WAREHOUSE
(4549) SE BRYANT AND FIFTH. Two-story Class C concrete warehouse.
Owner—R. W. Kinney, 645 Howard St., San Francisco.
Architect—B. G. McDougall, 353 Sacramento St., San Francisco. $60,000

GARAGE
(4550) NO. 1121-23 McALLISTER ST. One-story frame private garage.
Owner—D. Tierney, 954 Phelan Bldg., San Francisco.
Architect—None.
Contractor—Ed. Drewes, 1123 McAllister St., S. F. $1000

DWELLINGS
(4551) E CARR 30 and 65 N Salinas. NE CARR AND SALINAS. Three one-story frame dwellings.
Owner—Williams & Wood, 466 Mills Bldg., San Francisco.
Architect—None. $1200 each

FRAME FLATS
(4552) N FULTON 82, 107 and 132 E Sixth Ave. Three one-story and basement frame (2 in each) flats.
Owner—M. McDonough, 22 Fairmount St., San Francisco.
Architect—None. $8000 each

DWELLINGS
(4553) E THIRTY-THIRD AVE 300 & 325 S Lincoln Way. Two two-story frame and basement frame dwlgs.
Owner—F. Nelson & Sons, 2 West Portal Park, San Francisco.
Architect—None. $3000 each

DWELLING
(4554) SE THIRTY-SEVENTH AVE and Shore View Ave. Two-story and basement frame dwelling.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None. $7500

APARTMENTS
(4555) N ANZA 26-8 W 20th Ave. Two-story and basement frame (4) apartments.
Owner—John Bowen, % Contractor.
Architect—None.
Contractor—Christenson Bros., 518 25th Ave., San Francisco. $7000

DWELLINGS
(4556) NW HEARST AND CONDON. N HEARST AVE 100 W Condon. Two one-story and basement frame dwellings.
Owner—John Brymner, 1280 Post St., San Francisco.
Architect—None. $3000 each

DWELLING
(4557) E THIRTY-SECOND AVE 195 S Cabrillo. One-story and basement frame dwelling.
Owner—Byrd O. Smith, 247 Montgomery St., San Francisco.
Architect—None. $4000

FLATS
(4558) E EUREKA 174 N Nineteenth. All work for two-story frame flats.
Owner—John P. and Helen Hansen, 4141 19th St., San Francisco.
Plans by Contractor.
Contractor—Frank I. Valentine, % San Bruno G. M. Co., S. F.
Filed Dec. 10, '23. Dated Nov. 5, '23.
Frame up $2766.62
Brown coated 2756.62
Completed and accepted..... 2766.62
Usual 35 days..... 2766.62
TOTAL COST, $11,066.00
Bond, $6000. Surcties, Fred J. Madden and Paul Schmidt. Limit, 90 days after Nov. 28, 1923. Forfeit none. Plans and specifications filed.

RESIDENCE
(4559) S YERBA BUENA 297 E Santa Clara being Lot 25 Blk 19 and Ptn Lot 24 Blk 19 lying NW of line parallel with and distant NW 35 from SE line Lot 24, St. Francis Wood Extn. No. 2. All work for two-story and basement residence
Owner—Hans and Violet M. Brett, 133 Gratton St., San Francisco.
Architect—Christiansen Bros., 518 25th Ave., San Francisco.
Contractor—Christenson Bros., 518 25th Ave., San Francisco.
Filed Dec. 10, '23. Dated Nov. 26, '23.
Frame up $2000
Brown coated 2000
Completed and accepted..... 2000
Usual 35 days..... 2000
TOTAL COST, $8000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ADDITION
(4560) W MARYLAND 150 N Twenty-third E 110 N 60 W 110 S 60. All structural steel work for addition to Char House building.
Owner—J. D. and A. B. Spreckels Securities Co., (as Western Sugar Refinery), 2 Pine St., S. F.
Architect—None.
Contractor—Pacific Rolling Mill Co., 17th and Mississippi Sts., S. F.
Filed Dec. 10, '23. Dated Nov. 30, '23.
On delivery of steel..... 40%
On 1st and 15th of each month 35%
Usual 35 days, balance..... ¼
TOTAL COST, $899.75 per ton
Bond, $40,000. Surety, Globe Indemnity Co. Limit, April 1, 1924. Forfeit, none. Plans and specifications filed.

RESIDENCE
(4561) S JACKSON 100 W Octavia. Two-story and basement frame residence.
Owner—F. R. Grannis.
Architect—Edward E. Young, 2002 California St., San Francisco. $15,000

ALTERATIONS
(4562) SW POLK AND UNION STS. Remodel present structure from Class C to Class B construction.
Owner—N. Muriale, St. Helena, Calif.
Architect—None.
Contractor—F. C. Amoroso, 1336 Kearny St., San Francisco. $9000

RESIDENCE
(4563) W SANTA CLARA 108-6 N Monterey. Two-story and basement frame residence.
Owner—S. A Born Bldg. Co., Monadnock Bldg., San Francisco.
Architect—None. $15,000

DWELLING
(4564) W THIRTY-EIGHTH AVE 150 N Geary. Two-story and basement frame dwelling.
Owner—B. W. Demarals & Sons, 732 Page St., San Francisco.
Architect—None. $5500

REPAIRS
(4565) N WINFIELD 250 E Coso. General repairs for (2) flats.
Owner—R. N. Atkey, 1278 Market St., San Francisco.
Architect—None. $1600

DWELLINGS
(4566) SW BRUNSWICK & GUTTENberg.
S GUTTENBERG 25-6 N Brunswick. Two one-story and basement frame dwellings.
Owner—John Carlson, 4539 Mission St., San Francisco.
Architect—None. $2500 each

DWELLING
(4567) S HARRINGTON 400 W Mission. One-story and basement frame dwelling.
Owner—Joseph Novello, 172 Bertita St., San Francisco.
Architect—None. $3500

FRAME FLATS
(4568) N JERSEY 25 E Vicksburg. Two-story and basement frame (2) flats.
Owner—C. Hermanson, 323 Clipper St., San Francisco.
Architect—None. $9000

ADDITIONS
(4569) NO. 1776 QUESADA AVE. Additions to dwelling.
Owner—Elie Broussol, Premises.
Architect—None. $2500

FACTORY
(4570) E RODGER 225 S Folsom. Two story brick factory.
Owner—H. Schulte & Son, 475 Bryant St., San Francisco.
Architect—None. $10,500

DWELLING
(4571) N SILVER AVE 275 W Congdon. One-story and basement frame dwelling.
Owner—W. Darock, 138-A Russ St., San Francisco.
Architect—Geo. Skidmore, 302 Kearny St., San Francisco. $3000

DWELLING
(4572) W TWENTY-FIRST AVE 266-8 S Taraval. One-story and basement frame dwelling.
Owner—Dr. F. A. Gawthorne, 651 18th Ave., San Francisco.
Architect—None. $4000

APARTMENTS
(4573) NW THIRD AVE AND IRVING Two-story and basement frame (8) apartments.
Owner—Arthur H. Klahn, 1334 21st Ave San Francisco.
Architect—None. $20,000

FACTORY
(4574) FOOT OF TWENTY-THIRD St. Steel frame factory.
Owner—J. D. and A. B. Spreckels Securities Co. (Western Sugar Refinery Co.), 2 Pine St., S. F.
Plans by Owner. $195,000

BUNGALOW
(4575) W WAWONA 87 S Ulloa — 32 W 98.38 N 32.60 E 104.65 Lot 3 Blk 2930 West Portal Park. All work for one-story and basement frame bungalow.
Owner—Wm. G. and Myrtle R. Wilker, 408 16th Ave., San Francisco.
Architect—Jno. H. Powers and John H. Ahnden, 460 Montgomery St., S. F.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Dec. 11, '23. Dated Nov. 14, '23.
Side and roof sheathing on....$1669
Brown coated 1669
Completed 1669
Usual 35 days..... 1669
TOTAL COST, $6676

Bond, $3338. Surety. Theodore G. Meyer. Limit, 90 days Forfeit, plans and specifications, none.

FRAME FLATS
(4576) N CHESTNUT 100 W Franklin W 25xN 137-6. All work for two-story and basement frame flats.
Owner—Mr. J. Segali and Mrs. L. Segali 824 Lombard St., S. F.
Architect—None.
Contractor — A. A. Wesendunk, 1747 Delores St., San Francisco.
Filed Dec. 11, '23. Dated Dec. 4, '23.
Frame up and roof on.....$3140
Brown coated 3140
Completed and accepted..... 3140
Usual 35 days..... 3140
TOTAL COST, $12,560
Bond, $3140. Sureties, Chas. J. Gomez and Frank Olino. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(4577) E BRUSSELS 25 S Felton. 1-story and basement frame dwlg.
Owner—Joe Blum, 212 Silliman St., San Francisco
Architect—None. $3000

DWELLINGS
(4578) NW CHENERY 113 138 S Roanoke. 2 1-sto and basement frame dwellings.
Owner—Axel R. Larson, 516 San Jose Ave., San Francisco.
Architect—None. $3000 each

ALTERATIONS
(4579) NO 482 CASTRO ST. Drop down present factory in fear of store to store level and construct extension to same for manufacture of candy.
Owner—R. Johnson, 482 Castro St., San Francisco.
Architect—John S. McCarthy, 1479 12th Ave., San Francisco. $2000

ADDITION
(4580) NO. 3037 OCTAVIA STREET. 2-room and bath addition for (2) flat; change front, etc.
Owner—C. M. Musso, premises.
Architect—W. H. Armitage, 72 New Montgomery St., S. F. $1000

ADDITIONS
(4581) W POWELL 55 N Bush. Additions for apartments.
Owner—Mrs. M. A. Lollier, 2820 Scott St., San Francisco.
Architect—None.
Contractor—W. McKenzie, 2817 Pine St. San Francisco. $20,000

DWELLING
(4582) E SEVENTH AVE. 175 S Cabrillo. 1-story and basement frame dwelling.
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $4000

DWELLINGS
(4583) W TWENTY-SIXTH AVE. 195 218-4 & 241-8 S Anza. 3 1-story and basement frame dwellings.
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $4000 each

FLATS
(4584) E TENTH AVE. 175 200 225 N Lawton. 3 2-story and basement frame (2 in each) flats.
Owner—Dahlberg & Peterson, 330 Noriega St., San Francisco.
Orchitect—None. $5000 each

ALTERATIONS
(4585) W TIFFANY AVE. 132 N 29th Raise; concrete foundations; and remodel for basement garage; and rearrange interior for 12 3-room apts.
Owner—H. Friend, 1885 Fulton St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St. San Francisco. $14,950

APARTMENTS
(4586) N LAKE 85 E 16th Ave. E 35 x N 72. All work for 3-story and basement frame apartment bldg.
Owner — Samuel & Jennie Ross, 1929 Lake St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St San Francisco.
Filed Dec. 12, 1923. Dated Dec. 10, 1923.
Roof boards on $7875
Brown coated 7875
Completed and accepted 7875
Usual 35 days 7875
TOTAL COST, $31,500
Bond, $15,750; Sureties, Gottfried Mayer and Anna Meyer; Forfeit, none; Limit, 120 days; Plans and specifications filed.

BUNGALOW
(4587) E TWENTY-SECOND AVE. 234-3 S Irving S 26 x E 120. All work for 1-story and basement bungalow.
Owner—Robert & Frances E. Brunig, 1750 Hayes St., San Francisco.
Plans by contractor. 25%
Contractor — Theodore Veylile, 547 Brannan St., San Francisco.
Filed Dec. 12, 1923. Dated Nov. 27, 1923.
Frame up 25%
Brown coated 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $5850
Bond, Sureties, none; Forfeit, $10; Limit, 90 days; Plans and specifications filed.

BUILDING
(4588) S MASON 60 S Green S 40 x E 60. All work for 2-story and basement frame building.
Owner—S. Biondi, 738-A Green St., San Francisco.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—G. Ghezzi, 82 Valparaiso St., San Francisco.
Filed Dec. 12, 1923. Dated Dec. 7, 1923.
Enclosed and roof on $4225
Brown coated 4225
Completed and accepted 4225
Usual 35 days 4225
TOTAL COST, $16,900
Bond, $8450; Sureties, Giambatista Delucchi, Battista Toso; Forfeit, none; Limit, 100 days after Dec. 12, 1923; Plans and specifications filed.

OFFICE & FACTORY
(4589) SW BEACH & GRANT AVE. W 275 x S 137-6. Ornamental iron and bronze work for 2-story office & factory building.
Owner—Otis Elevator Co., premises.
Architect—None.
Contractor—California Asbestos Metal & Wire Co., 351 7th St., San Francisco.
Filed Dec. 12, 1923. Dated Dec. 5, 1923.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $2302
Bond, $1151; Sureties, Fidelity and Deposit Co.; Forfeit, none; Limit, April 15, 1924; Plans and specifications filed.

WINDOW SHADES
(4590) NE POWELL & POST N 137-6 E 162-9. Window shades for 10-story class A office building.
Owner — Wm. M. and Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery San Francisco.
Contractor — Hulse Bradford Co., 844 Mission St., San Francisco.
Filed Dec. 12, 1923. Dated Dec. 10, 1923.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $1140
Bond, $570; Sureties, National Surety Co.; Forfeit, none; Limit, Dec. 31, 1923; Plans and specifications filed.

DWELLING
(4591) W THIRTY-SIXTH AVE 200 S Taraval S 25xW 120 O L 1161. All work for one-story and basement frame dwelling.
Owner—Charles and Emily Oldenberg, 3677½ 19th St., San Francisco.
Architect—None.
Contractor—A. L. Lundy, 106 11th St., San Francisco.
Filed Dec. 12, '23 Dated Dec. 8, '23.
On execution of contract.....$225
Rough frame up..... 450
Plaster board on..... 450
Completed and accepted..... 450
Usual 35 days..... 450
Mortgage for 325
TOTAL COST, $2350
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Dec. 6, 1923—SW GREENWICH AND Broderick S 21xW 78. H S Meinberger to whom it may concern... .....Dec. 5, 1923

Dec. 6, 1923—E TWENTY-FIRST AV 225 N Geary N 25xE 120. Joseph and Martha Eder to Klaus Adler .....Oct. 6, 1923

Dec. 6, 1923—NW SECOND AVE AND Irving. Fred Warden to whom it may concern.....Dec. 4, 1923

Dec. 6, 1923—W MISSION 30 S 21st St. S 30-3xW 70. Wm H Woodfield Jr to Henry Jacks and W K Irvine.....Oct. 23, 1923

Dec. 6, 1923—PTN LOTS 10 AND 11 Blk 26, St. Francis Wood Extn. No. 2. Westgate Park Co to Mangels Bros.....Dec. 3, 1923

Dec. 6, 1923—BLK BDED BY CRESCENT Ave. lands of Sarah S Norton Mission and lands of former Ocean Shore r of w. The Roman Catholic Archbishop of S. F. to Fay Improvement Co.....Nov. 27, 1923

Dec. 6, 1923—NW FRANKLIN AND Lombard W 27-6xN 100. R J Olivi to G Chiappe.....June 9, 1923

Dec. 6, 1923—S TWENTY-FOURTH 150-10 W Diamond. Arthur Sordelli to whom it may concern... .....Dec 6, 1923

Dec. 4, 1923—E FORTY-FIFTH AVE 150 N Anza. John A Grant to whom it may concern. .Dec. 3, 1923

Dec. 7, 1923—W TWENTIETH AVE 125, 25, 50 and 75 N Noriega 25x 100. Bud Herrington to whom it may concern.....Dec. 7, 1923

Dec. 7, 1923—E FORTY-FIFTH AVE 120 N Anza N 30xE 120 E W Elliott to whom it may concern.... .....Dec. 1, 1923

Dec. 7, 1923—S TWENTY-FOURTH 100 E Chattanooga E 25xS 114. E M Galvin to whom it may concern .....Dec. 5, 1923

Dec. 7, 1923—W TWENTIETH AVE 100 N Noriega 25x120. Bud Herrington to whom it may concern.. .....Dec. 7, 1923

Dec. 7, 1923—E CLAYTON 50 N Grove N 25xE 106-3. Baxter C Madden to E A Janssen.....Nov. 15, 1923

Dec. 7, 1923—SE HANOVER 103 SW Guttenberg SW 25xSE 81-6 Ptn Lot 192 West End Hd. Assn. Wm R McKnight to whom it may concern .....Dec. 7, 1923

Dec. 7, 1923—S ANZA 82-6 E 20th Ave E 25xS 100. Cornelia Morse to H O Lindeman.....Dec. 6, 1923

Dec. 7, 1923—W FIFTEENTH AVE 300 S Irving. August Hallgren to whom it may concern...Dec. 6, 1923

Dec. 7, 1923—E EIGHTEENTH AVE 100 N Fulton N 25xE 120. Dennis and Mary Dineen to John Little & Son.....Dec. 5, 1923

Dec. 7, 1923—SW MADRID 237-5 NE Geneva Ave NE 37-6xSE 100 337. Elizabeth Lagomarsino to whom it may concern.....Dec. 6, 1923

Dec. 7, 1923—N TARAVAL 82-6 W Twentieth Av W 25xN 100. Dorothy and Otto A Rohde to J W Gillogley .....Dec. 6, 1923

Dec. 7, 1923—SE ELEVENTH AND Natoma 75 on 11th and 75 on Natoma. Samuel Schell to whom it may concern.....Dec. 5, 1923

Dec. 7, 1923—E LYON 110-0⅝ S Lombard S 53-11⅝ E 112-6⅝ N 26-4⅝ W 9-2½ W 27-6⅞ W 102. Martin N and Bessie Miller to John Spargo .....Dec. 5, 1923

Dec. 7, 1923—E LARKIN 68-9 N Ellis H E Rahlmann to whom it may concern.....

Dec. 8, 1923—SE HANOVER 128 SW Guttenberg SF 25xSE 81-6 Ptn Lot 192 West End Hd Assn. W E Lambert to whom it may concern..... .....Dec. 8, 1923

Dec. 8, 1923—NO. 65 MARKET ST. Southern Pacific Co to Charles S Delaney .....Nov. 30, 1923

Dec. 8, 1923—NO 932-934 GENEVA Ave Lot 7 Blk 3, Crocker Amazon Tract. Samuel Weiner to A A Wesendunk .....Dec. 7 1923

Dec. 10, 1923—COM. 500 N 85° 40' E from int. of Humboldt and E Georgia N 4° 20 W 120 N 85° 40' E 90 S 4° 20' E 120 S 85° 40' W 90 m or l. Pacific Gas & Electric Co to W Heidt Cornice Wks. Dec. 5, 1923

Dec. 10, 1923—W FUNSTON AVE 325 S Judah S 25xW 120. Byrd O and Caroline Smith to whom it may concern.....Dec. 10, 1923

Dec. 10, 1923—LOTS 10 and 11 Blk "A" Mission Terrace. Walter E Hansen to whom it may concern... .....Dec. 7, 1923

Dec. 10, 1923—W MADRID 175 S Brazil. J F Ward to whom it may concern.....Dec. 6, 1923

Dec. 10, 1923—E HARRISON 130 S Twenty-third. Wilbur C Parker Jr to whom it may concern .....Dec. 7, 1923

Dec. 10, 1923—E FUNSTON bet. Fulton and Cabrillo. Bertram Stone to C H Bessett Bldg Co..Dec. 7, 1923

Dec. 10, 1923—N HOLLOWAY 50 W Brighton Ave, No. 212 Holloway Ave. James Bernle to whom it may concern.....Dec. 8, 1923

Dec. 10, 1923—N SIXTEENTH bet. Harrison and Alhambra depth of 135. Richard Hellmann Inc to Concy & Kuchel Electric Works.....Dec. 1, 1923

Dec. 10, 1923—W MASONIC AVE 40 N Fulton and 66 N Fulton. W R Voorhies to whom it may concern .....Dec. 6, 1923

Dec. 10, 1923—W MUNICH 97-6 S Rolph Lot 9 Blk 26, Crocker Amazon Tract. Jas Richards to whom it may concern.....Nov. 24, 1923

Dec. 10, 1923—LOT 7 Lyon & Hoags Sub. Lincoln Manor. A R Lapham to whom it may concern.Dec. 10, 1923

Dec. 10, 1923—E ARGUELLO BLVD 76-6 S Golden Gate Ave S 25 E 100 N 25 W 100. Frederick B Weber to Oscar Wilson and Andrew J Benson.....Nov. 29, 1923

Dec. 10, 1923—W UTAH 100 N 24th N 25xW 100. William H Grahn to whom it may concern....Dec. 6, 1923

Dec. 6, 1923—W TWENTIETH AVE 275 N Taraval N 25xW 120. Louise Prydz to whom it may concern.....Dec. 10, 1923

Dec. 10, 1923—LOT 1 BLK 9, Crocker Amazon Tract Crocker Estate Co to whom it may concern. **Dec. 23, '23**

Dec. 10, 1923—SE PRECITA AV 129.24 NE Alabama SE 132.744 W 172.534 NW 67.50. Wm H Grahn to whom it may concern.....Dec. 6, 1923

Dec. 10, 1923—E ASHTON AVE 250 S De Montford Ave S 25xE 112-6. Grace Maschio to J Morrison.....Dec. 6, 1923

Dec. 10, 1923—E SIXTEENTH AVE 175 N Fulton No. 766 and 768 16th Ave. Chas P Boyson to whom it may concern.....Dec. 8, 1923

Dec. 11, 1923—E QUESADA AVE & Lane SE 75 NE 100 Lot 9 Blk 328 South S. F. Hd and R R Assn. Valerie De Bono to whom it may concern.....Dec. 1, 1923

Dec. 11, 1923—LOT 8 BLK 15, Ingleside Terrace. Frederick G and Bertha M Thode to whom it may concern.....Dec. 10, 1923

Dec. 11, 1923—E FORTY-EIGHTH Ave 230 S Balboa S 25xE 120. Benjamin Schnier to whom it may concern.....Dec. 10, 1923

Dec. 11, 1923—39 FRONTAGE ON N Magellan 150 W Cortez bet. 12th Ave and Cortez Ave. Arthur D Dorr to whom it may concern.....Dec. 10, 1923

Dec. 11, 1923—SE HOMER 60 NE Chesley SE 60xNE 20. James Madison to Alfred H Vogt.....Dec. 10, 1923

Dec. 11, 1923—NW MARIPO AND Avalon Ave 25x75. Bertha Gronholz to Woodworth Wethered.....Dec. 7, 1923

Dec. 11, 1923—E NINETEENTH AVE 250 N Irving N 25x120. Irving Perkins to Arthur H Klahn.Dec. 8, '23

Dec. 12, 1923—S IRVING 27-6 E 8th Ave 25x100 No. 647-649 Irving. Charles P Gibbons to L Bienfield.....Dec. 11, 1923

Dec. 12, 1923—NW BATTERY AND Sacramento W 275 to E Sansome and N 119-6. Federal Reserve Bank of S. F. to David E Kennedy, Inc.....Dec. 2, 1923

Dec. 12, 1923—FIRST & BRANNAN. Southern Pacific Co to S F Elevator Co.....Dec. 7, 1923

Dec. 12, 1923—SW SHOTWELL AND Army being frontage 14 m or l on W Shotwell and S 58 m or l. J H Verner and E Erickson to whom it may concern.....Dec. 12, 1923

Dec. 12, 1923—S ARMY 68 W Shotwell W 58 and S 17 m or l. J H Vermer and E Erickson to whom it may concern.....Dec. 12, 1923

Dec. 12, 1923—NW LARKIN AND Francisco 32 on Francisco and 137-6 on Larkin. Zella A Walker to whom it may concern..Dec. 3, 1923

Dec. 12, 1923—SE CALIFORNIA AND Thirty-first Ave E 32-6xS 100 No. 302-304-306-308 31st Ave. John V Stiefel to whom it may concern.....Dec. 12, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Dec. 7, 1923—W HARTFORD 220 N Twentieth N 27-6xW 125. Wm H Gross and Jas A Jenkins vs John A and Eva Speckman.....$149

Dec. 7, 1923—W SECOND AVE 225 N Clement W 120xN 25. Reinhart Lumber & Planing Mill Co vs Henry Lyons and Mrs. Ray Abrahams $681.33

Dec. 8, 1923—W MIRIMAR AVE 175 N Holloway Ave N 25xW 112-6. Geo Y Morton vs Louis J and Annie Ginder and J R Morrison.....$—

Dec. 8, 1923—E LARKIN 25-6 S Sacramento S 25xE 100. American Trading Co. of the Pacific Coast vs Sarah Friedman and Inlaid Hardwood Co $117.36

Dec. 8, 1923—S CLAY 180-10½ E Polk E 27xS 127-8¼. American Trading Co. of the Pacific Coast vs Jerome Lindgren and Inlaid Hardwood Co $30.24

Dec. 8, 1923—E SEVENTH AVE 150 N Geary N 25xE 120. American Trading Co of the Pacific Coast vs Felix McHugh and Inlaid Hardwood Co $114.30

Dec. 8, 1923—E THIRTY-NINTH AV 30 S Anza S 60xE 90. American Trading Co. of the Pacific Coast vs L M Carusio and Inlaid Hardwood Co $133.25

Dec. 8, 1923—W DIVISADERO 100 N Golden Gate Ave W 125xN 50. American Trading Co. of the Pacific Coast vs Stanley W Morshead and Inlaid Hardwood Co.....$72.80

Dec. 8, 1923—NE POST AND POLK 66-10¾x120. American Trading Co. of the Pacific Coast vs Orville D Baldwin, and Frank Neubert (as Inlaid Hardwood Co).....$29.60

Dec. 8, 1923—SW CHARTER OAK AV 200 NW Burrows Ave. J H Kruse vs L E Ashton and Giobato Podesta $528.10

Dec. 8, 1923—E FORTY-EIGHTH AV 100 N Judah N 75xE 120. Sudden & Heitman Lumber Co vs A C Campbell and Chas Delmarter.....$160.25

Dec. 10, 1923—LOT 47 BLK 15, Lakeview. Amsler Sheet Metal Works vs John A Morrison and Annie M and L J Ginder .....8....$110.18

Dec. 10, 1923—N BUSH 114-8 E Leavworth E 91-8xN 137-6. American Trading Co vs A C Roase and Frank Neubert (as Inlaid Hardwood Co).....$40.50

Dec. 10, 1923—N POST 201-9 W Larkin W 48-10½xN 120. American Trading Co vs Isaac O Jillson and Frank Neubert (as Inlaid Hardwood Co).....$23.20

Dec. 10, 1923—E SEVENTEENTH AV 225 N Geary N 25xE 120. American Trading Co vs Selma G Thompson and Frank Neubert (as Inlaid Hardwood Co) $67.68

Dec. 10, 1923—W FAIR OAKS 213-16 S Twenty-second W 117-6xS 30-6. American Trading Co vs Charles W Stoffers and Frank Neubert (as Inlaid Hardwood Co) $59.85

Dec. 10, 1923—E SECOND AVE 200 S Clement E 120xS 25. American Trading Co vs Ellen and J J Hastings and Inlaid Hardwood Co..$80.64

Dec. 10, 1923—W ELEVENTH AVE 250 N California N 25xW 120. American Trading Co vs Felix F and Madeline Desmond and Frank Neubert (as Inlaid Hardwood Co) $30.80

Dec. 10, 1923—SE GEARY & HYDE 68-6x97-6. American Trading Co of the Pacific Coast vs John S Bryan, Wm R Sloan, Mercantile Trust Co. Tt, Frank Neubert (as Inlaid Hardwood Co) and Mrs. Jane Doe Emerson $27.20

Dec. 10, 1923—NE FULTON AND Second Ave N 50 E 90 S 40 to N Fulton SW and alg Fulton 91-3. A C Hamerton vs Edward C and Martha E Counter $98.50

Dec. 11, 1923—LOT 47 BLK 15, Lakeview. Cobbledick Kibbe Glass Co vs L J and Annie M Ginder and John R Morrison $22.69

Dec. 11, 1923—W MIRAMAR AVE 175 N Holloway Ave N 25xW 112 5 Lot 47 Blk 15, Lakeview. Reinhard Lumber & Planing Mill Co vs J R Morrison and L J and Annie M Ginder $1241.55

Dec. 11, 1923—W SECOND AVE 225 N Clement N 25xW 120. Dowd & Welch vs Ray Abrams and Lyon & Warm $157.50

Dec. 12, 1923—E SECOND AVE 110 N Irving N 25xE 120. American Trading Co. of the Pacific Coast vs W J and Mary L McLaughlin and Frank Neubert (as Inlaid Hardwood Co.) $44.28

Dec. 12, 1923—E THIRTY-FIFTH AV 175 N Balboa N 25xE 120. American Trading Co. of the Pacific Coast vs Edwin and Emma Wittmer and Frank Neubert (as Inlaid Hardwood Co).....$47.16

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Dec. 7, 1923—W FIFTEENTH AVE 100 N Geary N 25 W 105 S 50 E 75 N 25 E 30. M Stulsaft Co to Maurice E Aron, P Midbust, Frank Kohler, and Kohler Plumbing & Heating Co .....

Dec. 7, 1923—NW PIERCE AND Fell N 132-6xNW 112-6. M Stulsaft Co to P Mldbust, Frank Kohler and Kohler Plumbing & Heating Co..

Dec. 10, 1923—W WOOD 296-8 N Geary N 25-3xW 120. Reinhart Lumber & Planing Mill to A G Bennett $820.84

Dec. 10, 1923—SW VISITACION and Key extending S 75 and 120 m or l known as Lots 6 and 7 Blk 32, Sunnyvale Hh Addn. The Greater City Lumber Co to Charles A Lewis and Nick Nicoletti.....$888.05

Dec. 12, 1923—COMG. 75 W Larkin with S California W 39-6 S 80-6 E 25 N 44-6 E 14-6 N 36. P A Bigotta to John B Rusconi, Maria Rusconi and V Filippis .....

Dec. 12, 1923—COM. 75 W LARKIN running 39-6 W California S 80-6 E 25 N 44 E 14-6 N 36-6. V Filippis to J B Busconi.....

Dec. 12, 1923—N CHESTNUT 112-6 E Gough E 25xN 137-6. American Hardwood Floor Co to Achille and Sadie Ragghiantl and Fred S Johnson $469

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
5729	Lature	Roby	8400
5730	Ehret	Hamilton	15000
5731	Crane	Owner	5000
5732	Williams	Owner	3500
5733	Schelling	Rogers	4250
5734	Sturgis	Pearson	8000
5735	Gilmour	Wagner	15000
5736	Culp	Brooks	12000
5737	Badger	Baird	3900
5738	Grubb	Owner	4000
5739	Christy	Pratt	7000
5740	Knowlton	Interlocking	7500
5741	Coward	Owner	4500
5742	Watson	Atkinson	2000
5743	Davis	Owner	3900
5744	York	Owner	4000
5745	Nelson	Owner	7500
5746	Tramsen	Owner	3000
5747	Merlinjones	Owner	2800
5748	Harriman	Owner	3000
5749	McCarthy	Bank	1750
5750	Johanson	Owner	19600
5751	McCord	Owner	2900
5752	McCord	Owner	3750
5753	Lohr	Owner	3000
5754	Hillen	Owner	38250
5755	Hillen	Owner	21250
5756	Hillen	Owner	148750
5757	Hillen	Owner	10500
5758	Standard	Ne Page	—
5759	Burd	Allen	1000
5760	Waugh	Burgett	5500
5761	Rogers	Owner	4750
5762	Murch	Murch	6000
5763	Stevens	Owner	1000
5764	Chambers	Peters	3300
5765	Parks	Owner	2800
5766	Lapp	Lindquist	1600
5767	Saroni	Pond	4000
5768	Saroni	Pond	9600
5769	Witkoskl	Peters	2800
5770	Standard	Turner	15990
5771	Bonds	Owner	1000
5772	Garham	Cotton	3000
5773	Zahniser	Owner	2000
5774	Croll	Owner	3500
5775	Olsen	Owner	3000

5776	McLean	Jesperson	4200
5777	Brenner	Williams	1000
5778	MacMahon	Owner	10000
5779	King	Anderson	9000
5780	Oakland	Fuller	3225
5781	Bethany	Owner	3000
5782	Peterson	Hanson	14000
5783	Graham	Crane	5800
5784	Clarke	Owner	11000
5785	Himbert	Ahnefeld	7850
5786	Brownson	Fowler	3750
5787	Smith	Owner	5000
6788	Clausen	Owner	4000
5789	Adams	Adams	3900
5790	Singleton	ell	3600
5791	Pfrang	Owner	4000
5792	Rogers	Owner	2000
5793	Pagni	Sutcliff	2000
5794	Soper	Vanes	1900
5795	Hutson	Calif.	30000
5796	General	Owner	12000
5797	Able	Peterson	4000
5798	Raffo	Passarino	3600
5799	Williams	Shaw	2000
5800	Gray	Zahnisen	1000
5801	Peterson	Owner	1500
5802	Logstrup	Walstrom	3000
5803	Robins	Owner	4000
5804	Stringer	Owner	6000
5805	Madson	James	3625
5806	Bardwell	Owner	5000
5807	Johanson	Owner	2000
5808	Thompson	Westerlund	6800
5809	Lucchesi	Bigley	1900
5810	Michels	Stolte	10500
5811	Weiller	Wolbold	6000
5812	Hand	Owner	5000
5813	Dimond	Constable	4000
5814	Kleen	Owner	3900
5815	Spiers	Owner	3100
5816	Blodgett	Owner	5000
5817	Derry	St. Mary	3800
5818	Lapham	Owner	4000
5819	Medina	Bago	4000
5820	Shimmel	Owner	1100
5821	Matsele	Reed	4000
5822	Blair	Blair	3500
5823	Blair	Blair	3000
5824	Sedgwick	Owner	1000
5825	McInteer	Owner	4000
5826	Griffith	Owner	1200
5827	Jackson	Owner	2000
5828	Bethany	Travis	1400
5829	Shell	Owner	1200
5830	Bullock	Owner	3250
5831	Ferguson	Owner	4000
5832	Kellog	Knight	14300
5833	Rexy	Knight	——
5834	Farrar	Knight	——
5835	Jackson	Dolan	5640
5836	Laurie	Dolan	5870
5837	Timoney	Owner	5200
5838	Anderson	Owner	4000
5839	Christiansen	Owner	4900
5840	Mayer	Palo	7500
5841	Scammill	Owner	5100
5842	Boise	Nunes	10000
5843	Holmes	Owner	5200
6844	Vogelman	Wilson	5000
6845	Texdahl	Owner	5000
5946	Peters	Dutra	3500
5847	Justice	Davis	3900
5848	Dean	Owner	2750
5849	Stone	Rose	1000
5850	Brugge	Nylander	6900
5851	Hart	Owner	2900
5852	Blackman	Flittner	2500
5853	Stein	Emerson	3000
5854	Parotti	McCork	2500
5855	Monks	Owner	3000
5856	Van Ness	Owner	2800
5857	McChesney	Owner	1000
5858	Tomlinson	Owner	5500
5859	Guido	Owner	3400
5860	Paul	Owner	1500
5861	Midgley	Rose	1200
5862	Graham	Owner	3500
5863	Bacon	LaVoice	1325
5864	Clow	Knight	18000

DWELLINGS
(5729) NO. 1515-1519 ALLSTON WAY. NO. 2138 SPAULDING, Berkeley. Three one-story 4-room dwlgs.
Owner—I. H. Lature, 2074 Allston Way Berkeley.
Architect—None.
Contractor—D. B. Roby, 2428 Jefferson St., Berkeley. $2800 each

APARTMENTS
(5720) NO. 2139 BERKELEY WAY, Berkeley. Two-story 20-room apartments.
Owner—E. Ehret.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Berkeley. $15,000

DWELLING
(5731) NO. 1546 LA LOMA, Berkeley. Two-story 7-room dwelling.
Owner—C. B. Crane, 1759 Tacoma Ave., Berkeley.
Architect—None. $5000

DWELLING
(5732) No. 1116 OREGON, Berkeley. One-story 5-room dwelling.
Owner—E. R. Williams, 3381 Peralta Ave., Oakland.
Architect—None. $3500

DWELLING
(5733) NO. 573 SANTA BARBARA Road, Berkeley. Two-story five-room dwelling.
Owner—Mrs. Edith Schelling.
Architect—None.
Contractor — C. M. Rogers, 540 San Luis Road, Berkeley. $4250

DWELLING
(5734) NO. 1106 SHATTUCK AVE., Berkeley. Two-story 6-room dwlg.
Owner—Grace D. Sturgis, 964 Euclid Ave., Berkeley.
Architect—C. C. Dakin, 2961 Pine Ave., Berkeley.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $8000

STORES
(5835) NO. 2212-14-16 TELEGRAPH Ave., Berkeley. One-story Class C stores.
Owner—Wm. G. Gilmour.
Architect—None.
Contractor—Geo. Wagner, South Park and 3rd St., San Francisco $15,000

APARTMENTS
(5736) NO. 2601-05 VIRGINIA ST., Berkeley. Two-story twelve-room apartments.
Owner—S. V. Culp.
Architect—None.
Contractor—Brooks Parker, 2026 Del Norte Ave., Berkeley. $12,000

DWELLING.
(5737) 4635 BENEVEDES AVE., Oakland. One-story, 5-room dwelling.
Owner—Martha J. Badger, Stockton, Calif.
Architect—None.
Contractor—Leroy M. Baird, 1031 Bay View Ave., Oakland. $3900

DWELLING.
(5738) 1300 BATES ROAD, Oakland. One-story 5-room dwelling.
Owner—Jas. B. Grubb, 832 Paloma ave., Oakland.
Architect—None. $4000

DWELLING.
(5739) 6110 BROADWAY TERRACE, Oakland. Two-story 7-room dwelling.
Owner—Adele F. Christ, 2234 Piedmont Ave., Berkeley.
Architect—None.
Contractor—H. S. Pratt, 4605 El Centro Ave., Oakland. $7000

DWELLING.
(5740) S CONTRA COSTA ROAD, Oakland. One-story 7-room concrete dwelling.
Owner—Frank B. Knowlton, Madison Apartments, Oakland.
Architect—None.
Contractor—Interlocking Cement Tile Co., 82 9th St., Oakland. $7500

DWELLING.
(5741) 5908 CHABOLYN TERRACE, Oakland. One-story 6-room dwelling.
Owner—Jos. Coward, 5429 Shafter Ave., Oakland.
Architect—None. $4500

ADDITION.
(5742) 109 DUNCAN WAY, Oakland. Addition.
Owner—F. F. Watson, premises.
Architect—None.
Contractor—E. L. Atkinson, 2735 Grove St., Berkeley. $2000

DWELLING.
(5743) E SIXTY-FIRST AVE., 240 S Fortune Way, Oakland. One-story 6-room dwelling.
Owner—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. $3900

DWELLING.
(5744) 2712 FIFTY-FIFTH AVE., Oakland. One-story 4-room dwelling.
Owner—J. B. York, 1606 50th Ave., Oakland.
Architect—None. $4000

DWELLING.
(5745) 1065 HUBERT ROAD, 300 W Sunnyhill Road, Oakland. Two-story 7-room dwelling.
Owner—O. B. Nelson, 2634 Highland Ave., Oakland.
Architect—None. $7500

DWELLING.
(5746) 2415 NINETY-NINTH AVE., Oakland. One-story 5-room dwelling.
Owner—C. H. Tramsen, 2032 Filbert St., Oakland.
Architect—None. $3000

DWELLING.
(5747) 1436 SEVENTY-EIGHTH AVE., Oakland. One-story 4-room dwelling.
Owner—C. M. Merlinjones, 1225 E-18th St., Oakland.
Architect—None. $2800

DWELLING.
(5748) 2615 SIXTY-EIGHTH AVE., Oakland. One-story 5-room dwelling.
Owner—O. M. Harriman, 68th Ave. and Arthur St., Oakland.
Architect—None. $3000

ALTERATIONS
(5749) 622 E - SEVENTEENTH ST., Oakland. Alterations.
Owner—Mrs. D. M. McCarthy, prem.
Architect—None.
Contractor—W. F. Banks, 1834 E-24th St., Oakland. $1750

DWELLINGS
(5750) 2736 2744 2752 2756 2760 2764 77th Ave., Oakland. 7 1-story 4-room dwellings and garages.
Owner—K. A. Johanson, 2429 13th Ave. Oakland.
Architect—None. $2800 each

DWELLING
(5751) E ONE HUNDRED SECOND Ave. 163 S Sunnyside, Oakland. 1-story 4-room dwelling.
Owner—E. J. McCord.
Architect—None. $2900

DWELLING
(5752) W ONE HUNDRED SECOND Ave. 120 S Sunnyside, Oakland. 1-story 5-room dwelling.
Owner—E. J. McCord, San Leandro.
Architect—None. $3750

DWELLING
(5753) N TYLER ST. 300 E Walter, Oakland. 1-story 5-room dwelling.
Owner—J. H. Lohr.
Architect—None. $3000

DWELLINGS
(5754) N FLEMING AVE 980 W Seminary;
N FLEMING AVE 151 E 55th Ave.;
N FLEMING 790 820 900 W Seminary;
S FLEMING 324 E 55th Ave.;
S FLEMING 185 285 980 W Seminary, Oakland. 9 1-story 5-room dwellings and garages.
Owner—R. C. Hillen, 5364 Trask Ave., Oakland.
Architect—None. $4250 each

DWELLINGS
(5755) E FIFTY-FIFTH AVE. 40 S Fleming;
E FIFTY-FIFTH AVE. 60 96 133 N Fleming;
SE COR. FIFTY-FIFTH AVE AND Fleming, Oakland. 5 1-story 5-room dwellings and garages.
Owner—R. C. Hillen, 5364 Trask Ave., Oakland. $4250 each
Architect—None.

DWELLINGS
(5756) N MORSE DRIVE 753 794 832 870 Seminary;
N MORSE DRIVE 908 940 W Seminary;
N MORSE DRIVE 205 440 480 520 600 640 680 718 W Seminary;
S MORSE DRIVE 807 847 887 927 1002 W Seminary;
S MORSE DRIVE 167 207 247 287 327 367 407 447 W Seminary;
S MORSE DRIVE 487 527 567 607 647 687 727 767 W Seminary, Oakland. 35 1-story 5-room dwellings and garages.
Owner—R. C. Hillen, 5364 Erask Ave., Oakland.
Architect—None. $4250 each

DWELLINGS
(5757) N MORSE DRIVE 560 W Seminary;
S MORSE DRIVE 967 W Seminary, Oakland. 2 1-story 6-room dwlgs. and garages.
Owner—R. C. Hillen, 5364 Trask Ave., Oakland.
Architect—None. $5250 each

ELEC. WORK
(5758) BOUNDED BY GREEN, SIXTY-second, 63rd Sts. and Overland Ave, Emeryville. Elec. work for 2-story concrete and 1-story steel bldgs; also power house and carpenter shop.
Owner—Standard Underground Cable Co., 1050 1st St., Oakland.
Architect—Bernard H. Prack, 62nd and Green, Oakland.
Contractor — Ne Page-McKenny Co., 128 10th, Oakland.
Filed Dec. 6, 1923. Dated Sept. 30, 1923.
10th each month .....full cost
Usual 35 days 25%
TOTAL COST—Cost plus 25%
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

ALTERATION.
(5759) 81 PARKSIDE DRIVE, Berkeley. Alterations.
Owner—John S. Burd, premises.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. $1000

DWELLING.
(5760) 2454 REGAL ROAD, Berkeley. One-story 6-room tile dwelling
Owner—P. E. Waugh, 268 1st St., San Francisco.
Architect—None.
Contractor—E. W. Burgett, 937 Pomona Ave., Albany. 5500

DWELLING.
(5761) 2007 SAN ANTONIO AVE., Berkeley. One-story 6-room dwelling.
Owner—C. M. Rogers, 540 San Luis Rd., Berkeley.
Architect—None. $4750

DWELLING.
(5762) 38 VINCENTE ROAD, Berkeley Two-story 7-room dwelling
Owner—Fannie A. Murch, 2643 Piedmont Ave., Berkeley.
Architect—None.
Contractor—Walter Murch, Fox Bldg., Oakland. $6000

DWELLING.
(5763) 2340 VALLEY, Berkeley. One-story 3-room dwelling.
Owner—C. O. Stevens, 2132 Spaulding, Berkeley.
Architect—None. $1000

DWELLING.
(5764) 1251 E THIRTY-FOURTH ST., Oakland. One-story 6-room dwelling.
Owner—J. F. Chambers, Plaza Bldg., Oakland.
Architect—None.
Contractor—L A. Peters, 3485 Davis St., Oakland. $3300

DWELLING.
(5765) 2536 SIXTY-THIRD AVE., Oakland. One-story 5-room dwelling.
Owner—D. W. Parks, 476 Crescent St., Oakland.
Architect—None. $2800

REPAIRS.
(5766) 1725 SIXTH AVE., Oakland. Repairs.
Owner—John F. Lapp, premises.
Architect—None.
Contractor—E. Lindquist, 1358 E 28th St, Oakland. $1600

DWELLING.
(5767) W SIXTY-FIFTH AVE., 300 S Aveal, Oakland. One-story 6-room dwelling.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St., San Francisco. $4800

DWELLINGS.
(5768) W SIXTY-FIFTH AVE., 250 S Aveal;
W SIXTY-EIGHTH AVE 75 N Aveal;
E SIXTY-SEVENTH AVE., 250 S Aveal, Oakland. Three, 1-story 5-room dwellings.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E 14th St., Oakland. $3200 each.

DWELLING.
(5769) 2831 VIOLA ST., Oakland. One-story 5-room dwelling.
Owner—A. Witkoski, 2835 Viola St., Oakland.
Architect—None.
Contractor—L A. Peters, 3485 Davis St. Oakland $2800

STEAM HEATING
(5770) BOUNDED BY SIXTY-SECOND 63rd, Green Sts. and Overland Ave. Emeryville. Steam heating for 2-story concrete and 1-story stell bldgs. and power house.
Owner—Standard Underground Cable Co., 1st Natl. Bank Bldg., S. F.
Architect—Bernard H. Prack, premises
Contractor—The Turner Co., 218 Natoma St., S. F.
Filed Dec. 7, 1923. Dated Sept. 29, 1923.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $15,990
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

GARAGE
(5771) E ACTON PLACE 75 S Lester, Oakland. Garage.
Owner—M. S. Bonds, 3258 Grove St., Oakland.
Architect—None. $1000

DWELLING
(5772) N DEERING 92 W 35th Ave., Oakland. 1-story 4-room dwlg.
Owner—W. T. Garham, 1505 Washington, San Francisco.
Architect—None.
Contractor—Cotton Bros., 3824 39th Av. Oakland. $3000

DWELLING
(5773) SW COR HANLEY & WATERhouse, Oakland. One-story 4-room dwelling.
Owner—A. D. Zahniser.
Architect—None. $2000

DWELLING
(5774) 7814 LOCUST, Oakland. 1-story 5-room dwelling.
Owner—W. A. Croll, 1925 69th Ave., Oakland.
Architect—None. $3500

DWELLING
(5775) S MADELINE ST. 70 W Hill View, Oakland. 1-story 4-rm dwlg.
Owner—Martin & John Olsen, 1566 Norton Ave., Oakland.
Architect—None. $3000

DWELLING
(5776) S FORTY-FOURTH ST. 145 E Market, Oakland. 1-story 6-room dwelling.
Owner—J. M. McLean, 3832 Piedmont Ave., Oakland.
Architect—None.
Contractor—J. W. Jesperson, 878 54th St., Oakland. $4200

SERVICE STATION
(5777) SE COR. SEVENTY-SIXTH Ave. & E-14th St., Oakland. 1-sto. tile service station.
Owner—S. Brenner, 351 12th St., Okd.
Architect—None.
Contractor—H. B. Williams, 351 12th St., Oakland. $1000

APARTMENTS
(5778) NW COR. THIRTEENTH AVE. and Bella Vista Ave., Oakland. 2-story 12-room apartments.
Owner—P. MacMahon, 1216 E-11th St., Oakland.
Architect—None. $10,000

DWELLING
(5779) 840 VERMONT ST., Oakland. 1-story 6-room dwelling.
Owner—F. P. King, 228 27th Ave., Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $9000

BANK
(5780) E BROADWAY 55 N Twelfth St. N 45xE 100, Oakland. Glass for one floor, bank rooms, basement and mezzanine floor for 17-story Class A bank and office building.
Owner—The Oakland Bank, 12th and Broadway, Oakland.
Architect—None.
Contractor—W. P. Fuller & Co., 259 10th St., Oakland.
Filed Dec. 7, '23. Dated Dec. 5, '23.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $3225
Bond $1613. Surety, National Surety Co. Limit, Mar. 15, 1924. Forfeit, none Plans and specifications filed.

PARSONAGE
(5781) NO. 1623 BERKELEY WAY, Berkeley; one-story 6-room parsonage.
Owner—Bethany Lutheran Church.
Architect—None. $3000

FLATS
(5782) NO. 1647-49-51-53 EUCLID AVE Berkeley. Two-story 16-room flats.
Owner—E. J. Peterson, 2528 Grant St., Berkeley.
Architect—None.
Contractor—Louis O. Hansson, 1409 Bonita Ave., Berkeley. $14,000

DWELLING
(5783) NO. 2515 HILLCOURT, Berkeley. Two-story 9-room dwelling.
Owner—Mrs. Graham, Premises.
Architect—None.
Contractor—C. B. and P. L. Crane, 1188 Arch St., Berkeley. $5800

DWELLING
(5784) NO. 1130 LAUREL, Berkeley. Two-story 9-room dwelling.
Owner—N. F. Clarke, 2247 Cedar St., Berkeley.
Architect—W. H. Ratcliff Jr., First National Bank Bldg., Berkeley. $11,000

DWELLING
(5785) NO. 1534 SCENIC, Berkeley. Two-story 7-room dwelling.
Owner—Chas Himbert.
Architect—None.
Contractor — Harry Ahnefeld, 1969 Marin Ave., Berkeley. $7850

DWELLING
(5786) NO. 915 SANTA BARBARA, Berkeley. One-story 5-room dwlg.
Owner—J. G. Brownson, 922 Santa Barbara Road, Berkeley.
Architect—None.
Contractor—Fowler Mallet, Acheson Bldg., Berkeley. $3750

DWELLING
(5787) NO. 1850 THOUSAND OAKS Blvd., Berkeley. One-story five-room dwelling.
Owner—J. Harry Smith, 508 Lexington St., Berkeley. $5000

DWELLING.
(5788) 2756 BELLAIRE PLACE, Oakland. One-story 5-room dwelling.
Owner—Fred Clausen, 1508 28th Ave., Oakland.
Architect—None. $4000

DWELLING.
(5789) 2721 BROOKDALE AVE., Oakland. One-story 5-room dwelling.
Owner—C. F. Adams, 2563 Bartlett St., Oakland.
Architect—None.
Contractor—E. H. Adams, 2840 23rd Ave., Oakland. $3900

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

DWELLING.
(5790) E BELLAIRE PLACE 75 S Bond, Oakland. One-story 5-room dwelling.
Owner—John Singleton, Syndicste Bldg Oakland.
Architect—None.
Contractor—Glenn R. Bell, 1433 Madison St., Oakland $3600

DWELLING.
(5791) 5815 BROADWAY, Oakland. One-story 5-room dwelling.
Owner—H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Architect—None. $4000

DWELLING.
(5792) SW COR. CALIFORNIA and Loma Vista, Oakland. One-story 4-room dwelling.
Owner—Thos. R. Rogers, 4028 38th Ave Oakland.
Architect—None. $2000

GARAGE.
(5793) E CAMPBELL ST., 60 S Seventh St., Oakland. One-story concrete block garage.
Owner—Sam Pagni, 1526 Chase St., Oakland.
Architect—None.
Contractor—Sutcliff & Hitchcock, 2902 Chestnut St., Oakland. $2000

DWELLING
(5794) NE COR. EIGHTY-FIRST AND Rudsdale, Oakland. 1-story 4-room dwelling.
Owner—F. Pedro Soper.
Architect—None.
Contractor—Joe Vanes, 1629 88th Ave. Oakland. $1900

APARTMENTS
(5795) SW COR. E-FOURTEENTH ST and 60th Ave., Oakland. 2-story 36-room apartments.
Owner—Kate Hutson.
Architect—None.
Contractor—Calif. Builders Co., 1534 Franklin St., Oakland. $30,000

WAREHOUSE
(5796) S E-FOURTEENTH ST E 54th Ave., Oakland. 1-story warehouse.
Owner—General Electric Co., 5441 E-14th St., Oakland.
Architect—None. $12,000

DWELLING
(5797) W FRUITVALE AVE. 300 N E-27th St., Oakland. 1-story 5-room dwelling.
Owner—J. A. Abrie.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $4000

DWELLING & STORE
(5798) E FREMONT ST. 200 N 55th St., Oakland. 1-story 4-room dwlg. and Store.
Owner—G. V. Raffo.
Architect—None.
Contractor—J. Passarino, 55th St. and San Pablo Ave., Oakland. $3500

STORE
(5799) SE COR. FIFTEENTH AND Franklin Sts., Oakland. 1-story concrete store.
Owner—Thos. S. Williams, S. F.
Architect—None.
Contractor—Shaw & Watson, 1711 Willow St., Alameda. $2000

ADDITION
(5800) 4226 GLEN COURT, Oakland. Addition.
Owner—H. E. Gray, premises.
Architect—None.
Contractor—P. C. Zahnisen, 321 Lexington Ave., Oakland. $1000

ALTER & ADDITION
(5801) 5856 MARSHALL ST., Oakland Alter and addition.
Owner—J. B. Petersen, 2053 38th Ave., Oakland.
Architect—None. $1500

DWELLING
(5802) E MT. BLVD. 3000 N Valaveras Oakland. 1-story 5-room dwelling.
Owner—R. Logstrup, 1466 Mt. Blvd., Oakland.
Architect—None.
Contractor—Carl Walstrom, 1447 Evcelsior Ave., Oakland. $3000

DWELLING
(5803) N PORTER ST. 300 325 E 39th Ave., Oakland. 2 1-story 4-room dwellings.
Owner—P. Robins, 3125 High St., Oakland.
Architect—None. $2000 each

DWELLINGS
(5804) W RANSOME 233 266 S Lyon Ave., Oakland. 2 1-story 5-room dwellings.
Owner—T. Stringer, 3754 E-14th St., Oakland.
Architect—None. $3000 each

DWELLING
(5805) E SIXTY-SEVENTH AVE 367 S Arthur St., Oakland. 1-story 5-room dwelling.
Owner—R. V. Madson, 1920 87th Ave., Oakland.
Architect—None.
Contractor—James & Tell, 3889 Brown Ave., Oakland. $3625

DWELLING
(5806) 522 SANTA RAY AVE., Oakland. 1-story 6-room dwelling.
Owner—C. E. Bardwell Jr., 2503 10th Ave., Oakland.
Architect—None. $5000

DWELLING
(5807) 2773 SEVENTY-EIGHTH AVE. Oakland. 1-story 3-room dwelling.
Owner—K. A. Johanson, 2429 13th Ave. Oakland.
Architect—None. $2000

FLATS
(5808) E THIRTY-SIXTH AVE. 125 N E-16th St., Oakland. 2-story 8-room flats.
Owner—Mrs. R. Thompson, 1564 36th Ave., Oakland.
Architect—None.
Contractor—John Westerlund, 2643 E-15th St., Oakland. $6800

ADDITION
(5809) LOT 47 BLK 15 AMENDED Map Sunset Terrace and Lots 48 and 49 Albany Blk 15 same map. Addition.
Owner—Narciso Lucchesi, Albany.
Architect—None.
Contractor—A. J. Bigley & J. F. Walsh (Bigley & Walsh), El Cerrito.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $1900
Bond, Sureties, Forfeit, Limit, none; Plans filed; Specifications, none.

APARTMENTS
(5810) SE COR. THIRTY-FIFTH AND West Sts., Oakland. All work for 2-story (4) apartments.
Owner—John Michels, 3440 West St., Oakland.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland.
Filed Dec. 10, 1923. Dated Nov. 24, 1923.
Rafters in place $2700
Brown coated 2600
Completed and accepted 2600
Usual 35 days 2600
TOTAL COST, $10,500
Bond, Sureties, none; Forfeit, $2 day; Limit, 100 days; Plans and specifications filed.

DWELLING
(5811) NO. 23170 HILGARD ST., Berkeley. Two-story 8-room dwlg.
Owner—Ethel Weiller.
Architect—None.
Contractor—J. H. Wolbold, 2115 Center St., Berkeley. $6000

DWELLING
(5812) NO. 1859 SAN RAMON, Berkeley. Two-story 6-room dwlg.
Owner—A. J. Hand, 1412-B McGee St., Berkeley.
Architect—None. $5000

MILL & OFFICE.
(5813) 4200 ALAMEDA AVE., Oakland. One-story mill and office.
Owner—Dimond Cabinet Works.
Architect—None.
Contractor — W. C. Constable, 3308 School St., Oakland. $4000

DWELLING.
(5814) 1324 BATES ROAD, Oakland. One-story 5-room dwelling.
Owner—Matthew Klein, 6422 Harmon Court, Oakland.
Architect—None. $3900

DWELLING.
(5815) 6680 BRANN ST., Oakland. One-story 5-room dwelling.
Owner—Hal Spiers, 722 44th St., Oakland.
Architect—None. $3100

DUPLEX DWELLING.
(5816) SW COR. CUTHBERT and Schuyler, Oakland. One-story 8-room duplex dwelling.
Owner—N. A. Blodgett, 3940 E-14th St., Oakland.
Architect—None. $5000

DWELLING.
(5817) W EIGHTIETH AVE., 226 N Holly St., Oakland. One-story 5-room dwelling.
Owner—Harold Derry, 6141 Monadnock Oakland.
Architect—None.
Contractor—Jos. St. Mary, 9411 E-14th St., Oakland. $3800

DWELLING.
(5818) W EIGHTIETH AVE., 280 N Alder, Oakland. One-story 5-room dwelling.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None. $4000

DWELLING.
(5819) NE COR. E-FIFTEENTH ST, and 57th Ave., Oakland. One-story 5-room dwelling.
Owner—Frank Medina.
Architect—None.
Contractor—J. W. Bago, San Leandro. $4000

DWELLING.
(5820) SE COR. E-TWENTY-NINTH and 22nd Ave., Oakland. One-story 3-room dwelling.
Owner—Geo. B. Shimmel.
Architect—None. $1100

DWELLING.
(5821) 4630 EL CENTRO AVE, Oakland. One-story 5-room dwelling.
Owner—Matt Matsele, 2719 21st Ave., Oakland.
Architect—None.
Contractor—C. W. Reed, 2534 Pleasant St., Oakland. $4000

DWELLING.
(5822) 1915 FOURTEENTH AVE., Oakland. One-story 5-room dwelling.
Owner—E. J. Blair, 1329 E-20th St., Oakland.
Architect—None.
Contractor—E. W. Blair, Oakland. $3500

DWELLING.
(5823) 1921 FOURTEENTH AVENUE Oakland. One-story 4-room dwelling.
Owner—E. J. Blair, 1329 E-20th St., Oakland.
Architect—None.
Contractor—E. W. Blair. $3000

DWELLING.
(5824) W MAPLE 47 S Georgia, Oakland. One-story 2-room dwelling.
Owner—R. L. Sedgwick, 3471 Maple Ave., Oakland.
Architect—None. $1000

DWELLING.
(5825) 758 MANDANA, Oakland. One-story 5-room dwelling.
Owner—H W. McIntier, 1528 Franklin St., Oakland.
Architect—None. $4000

DWELLING.
(5826) W ONE HUNDRED AND SECond Ave., 379 S Sunnyside, Oakland One-story 3-room dwelling.
Owner—C. W. Griffith, 1323 96th Ave., Oakland.
Architect—None. $1200

CABINET SHOP
(5827) NE COR. ONE HUNDRED fifth Ave. and Hortense St., Oakland. 1-story cabinet shop.
Owner—C. A. Jackson, 1114 58th Ave., Modesto.
Architect—None. $2000

ALTERATIONS
(5828) N PENNIMAN AVE. 300 E 35th Ave., Oakland. Alterations.
Owner—Bethany Baptist Church.
Architect—None.
Contractor—E. E. Travis, 3045 Humboldt, Oakland. $1400

SERVICE STATION
(5829) NW COR. SEVENTH AND Kirkham St. Oakland. 1-story steel service station.
Owner—Shell Co. of Calif., 343 Sansome St., San Francisco.
Architect—None. $1200

DWELLING
(5830) N TWELFTH ST. 175 E Campbell. Oakland. 1-story 5-room dwlg.
Owner—H. C. Bullock, 1630 12th Et., Oakland.
Architect—None. $3250

DWELLING
(5831) SW COR. TWENTY-SEVENTH Ave and Logan St., Oakland. 1-sto. 5-room dwelling.
Owner—A. L. Ferguson, 3268 Prentiss St., Oakland.
Architect—None. $4000

APARTMENTS
(5832) SE COR. FIFTY-SECOND AND Market Sts., Oakland. All work for 2-story apts. (4 3-room apts.) and garage; also alter house at 3716 Market St., for which contractor gets 10%.
Owner—W. B. & M. B. Kellogg, 4716 Market St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Dec. 11, 1923. Dated Oct. 25, 1923.
Roof on $3500
Brown coated 3500
Completed and accepted 6000
Usual 35 days 1000
Also note dated Nov. 20, 1923... 2300
TOTAL COST, $14,300
Bond, Sureties, Forfeit, none; Limit, 90 days after mud sills laid; Plans and specifications filed.

FACTORY.
(5833) NE COR. BANCROFT WAY & San Pablo Ave., Berkeley. All work for 1-story brick factory.
Owner—Rexy Mfg. Co., Inc., 1820 Goss St., Oakland.
Architect—W. A. Doctor.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Dec. 11, 1923. Dated Oct. 3, 1923.
Owner pays bills within 3 days.
TOTAL COST—About $8000; Contractor gets 10%.
Bond, Sureties, Forfeit, none; Limit, 90 days after mudsills laid; Plans and specifications filed.

FLATS
(5834) W MARKET 65 S Adeline St., Oakland. 2-story flats (4) and 4 garages.
Owner—J. C. Farrar, 5625 Market St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Dec. 11, 1923. Dated Sept. 25, 1923.
Owner pays all bills within 3 days.
TOTAL COST—Contractor gets 10%
Bond, Sureites, Forfeit, none; Limit, 90 days after mud sills laid; Plans and specifications filed.

DWELLING
(5835) NO. 110 ARBOR DRIVE., Piedmont. One-story 6-room dwelling and garage.
Owner — E. C. Jackson, 1422 San Pablo Ave., Oakland.
Architect—Geo. J. Dolan.
Contractor—Geo. J. Dolan, Syndicate Bldg., Oakland. $5640

DWELLING
(5836) NO. 136 ARBOR DRIVE, Piedmont. One-story 6-room dwelling
Owner—C. V. Laurie, Syndicate Bldg., Oakland.
Architect—None.
Contractor—Geo. J. Dolan, Syndicate Bldg., Oakland. $5870

DWELLING
(5837) NO. 111 GREENBANK AVE., Piedmont. One-story 5-room dwelling and garage.
Owner—E. G. Timoney, 548 58th St., Oakland.
Architect—None. $5200

DWELLING
(5838) NO. 1102 GIRARD AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—A. P. Anderson.
Architect—None. $4000

DWELLING
(5839) NO. 34 JEROME AVE., Piedmont. One-story 4-room dwelling and garage.
Owner—Chas. Christiansen, 351 12th St., Oakland.
Architect—None. $4900

DWELLING
(5840) NO. 100 PALM DRIVE, Piedmont. Two-story 10-room and garage.
Owner—J. J. Moyer, 1125 Grand Ave., Oakland.
Architect—None.
Contractor—F. J. Palo, Hotel Touraine, Oakland. $7590

DWELLING
(5841) NO. 400 PALM DRIVE, Piedmont. One-story 6-room dwelling.
Owner — J. W. Scammell, 110 Pacific Ave., Piedmont.
Architect—None. $5100

DWELLING
(5842) NO. 260 SEA VIEW AVE., Piedmont. Two-story 9-room dwlg and garage.
Owner—V. A. Boell, 106 Mesa Ave, Oakland.
Architect—None.
Contractor—Geo. W. Nunes, 5430 Dorce St., Oakland. $10,000

DWELLING
(5843) NO. 100 WILDWOOD AVE., Piedmont. One-story 6-room dwlg. and garage.
Owner—S. O. Holmes, 1076 54th St., Oakland.
Architect—None. $5200

DWELLING
(5844) NO. 700 CONTRA COSTA AVE. Berkeley. One-story 5-room dwlg.
Owner—Dr. A. R. Vogelman.
Architect—Hutchinson & Mills.
Contractor—Leslie R. Wilson, 2216 Blake St., Berkeley. $5000

DWELLING.
(5845) 6215 AUBURN, Oakland. One-story 6-room dwelling.
Owner—C. Texdahl, 6262 College Ave., Oakland.
Architect—None. $5000

DWELLING.
(5846) W AUSEON AVE., 135 S Plymouth. Oakland. One-story 6-room dwelling.
Owner—Manuel Peters, 1505 99th Ave., Oakland.
Architect—None.
Contractor—A. V. Dutra, 962 55th St., Oakland. $3500

DWELLING.
(5847) S ARKANSAS 195 W Curran, Oakland. One-story 5-room dwelling.
Owner—N. F. Justice, 1354 Regent St., Berkeley.
Architect—None.
Contractor—H. M. Davis, 1247 Pease Ave., Alameda. $3000

DWELLING.
(5848) S BRANN 190 W Sixty-seventh Ave., Oakland. One-story 4-room dwelling.
Owner—C. M. Dean, 3571 Fruitvale Ave. Oakland.
Architect—None. $2750

FIRE REPAIRS
(5849) 133 ECHO AVE., Oakland. Fire repairs.
Owner—Mrs. Stone.
Architect—None.
Contractor—A. H. Rose, 525 17th St., Oakland. $1000

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

DWELLING.
(5850) 1222 E THIRTY-EIGHTH ST., Oakland. One-story 6-room dwelling.
Owner—C. Brugge, Alameda.
Architect—None.
Contractor—Nylander Bros., 1610 Excelsior Ave., Oakland. $5900

DWELLING.
(5851) S EL CAMILE 80 E Kingsland, Oakland. One-story 5-room dwelling.
Owner—J. S. Hart, 2419 E 20th St., Oakland.
Architect—None. $2900

DWELLING.
(5852) W EIGHTY-FIFTH AVE, 126 S Dowling. Oakland. One-story 4-room dwelling.
Owner—E. L. Blackman, 4221 E-14th St., Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland. $2500

DWELLING.
(5853) 2001 LINDEN ST., Oakland. One-story 5-room dwelling.
Owner—Nina Stern, 1052 16th St., Oakland.
Architect—None.
Contractor—E. B. Emerson. $3000

DWELLING.
(5854) 4611 MARKET ST., Oakland. One-story 3-room dwelling.
Owner—Jack Paroti, 4601 Market St., Oakland.
Architect—None.
Contractor—J. A. McCord, 390 49th St., Oakland. $2500

DWELLING.
(5855) SW COR. NINETY-EIGHTH Ave., and Walnut St., Oakland. One-story 4-room brick dwelling.
Owner—E. J. Monks, 1245 61st Ave., Oakland.
Architect—None. $3000

DWELLING.
(5856) SE COR. PENNIMAN and Eastman, Oakland. One-story 5-room dwelling.
Owner—Lester Van Ness, 3551 Wilson Ave., Oakland.
Architect—None. $2800

GARAGE.
(5857) 4188 PARK BLVD., Oakland. One-story tile garage.
Owner—W. E. McChesney, 1315 San Luis, Oakland.
Architect—None. $1000

DWELLING.
(5858) 3743 PARK BLVD., Oakland. One-story 5-room dwelling.
Owner—C. L. Tomlinson, 3770 Park Blvd., Oakland.
Architect—None. $5500

GARAGE.
(5859) 4529 SHATTUCK AVE., Oakland. One-story tile garage.
Owner—A. Guido, 531 43rd St., Oakland.
Architect—A. W. Smith. $3400

DWELLING.
(5860) SW COR. SEVENTY-FIRST Ave. and Rudsdale St., Oakland. One-story 4-room dwelling.
Owner—J. W. Vonder Paul, 841 75th Ave., Oakland.
Architect—None. $1500

ALTERATIONS.
(5861) 1515 SAN PABLO AVE., Oakland. Alterations.
Owner—The Midgley Co.
Architect—None.
Contractor—A. H. Rose, 525 17th St., Oakland. $1200

DWELLING.
(5862) 2656 SIXTY-EIGHTH AVE., Oakland. One-story 5-room dwelling.
Owner—Lewis Graham, 1704 55th Ave., Oakland.
Architect—None. $3500

DWELLING.
(5863) E VIOLA ST., 65 S Porter, Oakland. One-story 4-room dwelling.
Owner—T. Bacon, 3322 Viola, Oakland.
Architect—None.
Contractor—P. E. La Voice, 3351 Abbey St., Oakland. $1325

APARTMENTS

(5864) S TWENTY-NINTH ST., 223.67 E Grove St. E 136 S 143.21, Oakland. 2-story apts. (4-5-rm.) and 3 garages.
Owner—Elizabeth K. Clow, 605 29th St. Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.
Filed Dec. 13, 1923. Dated Nov. 27, 1923.

Roof on	$4500
Brown coated	4500
Completed and accepted	7000
Usual 35 days	2000
TOTAL COST.	$18,000

Bond, Sureties, Forfeit, none; Limit, 75 days after mud sills laid; Plans and specifications, none.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Dec. 6, 1923—NE 35 LOT 38 Map Nova Piedmont, Piedmont. William G Brown to J Silva.....Dec. 4, 1923
Dec. 6, 1923—S 45 LOT 15 BLK "G" Map Tuohys Second Addition to Berkeley. Mrs. Marie Fisher to Douglas Campbell.....Nov. 30, 1923
Dec. 6, 1923—NE JOHN ST. 94 SE Howe St. SE 31xNE 100, Oakland. Charles G Rothweller to whom it may concern.....Dec. 5, 1923
Dec 6, 1923—NW HIGH 37.43 SW Allendale Ave SW 40 NW 102.26 NE 39.54 SE 109.32. Oakland. Jennie Etta Ralston to C H Graham .....Dec. 6, 1923
Dec. 6, 1923—SE HAVENSCOURT Blvd 115.56 NE Avenal Ave NE 40 xSE 100, Oakland. E L Dashiell to whom it may concern...Dec. 5, 1923
Dec. 6, 1923—PTN LOTS 11 AND 12 Blk "B" Map Sather Tract, Piedmont. Lyda M Nissen to C W Reed.....Dec. 6, 1923
Dec. 6, 1923—W LINDEN ST. bet. 26th and 27th Sts., Oakland. Annie P and Robert Macdonald to Sommarstrom Bros Co.....Nov. 24, 1923
Dec. 6, 1923—LOT 10 Maple Heights Tract, Oakland. Alder & Clark to whom it may concern..Dec. 5, 1923
Dec. 6, 1923—LOT 21 BLK "C" Lower Piedmont Park, Piedmont. O A Tausheck to whom it may concern.....Dec. 6, 1923
Dec. 7, 1923—(1) N COUNTY ROAD 2457 and NE County Road 625 NE 133.85 NW 250 SW 207.90 SE 260.74; (2) N County Road No. 2457 133.85 NE County Road 625 NE 170.87 NW 250 SW 170.87 SE 250, Oakland. Rae P and Rose S Williams to M A Rose.....Dec. 6, 1923
Dec. 7, 1923—LOT 41 and N 15 Lot 42 Blk 13, Map No. 8, Regents Park, ——. J C Lynch to whom it may concern.....Dec 1, 1923
Dec. 7, 1923—NO. 839 MANDANA Blvd., Oakland. Irene M and Herbert George Williams to J F Loughery .....
Dec. 7, 1923—N SIXTEENTH 65 W Myrtle, Oakland. D J Canty Estate to J F Loughery.....Dec. 5, 1923
Dec. 7, 1923—NE HAROLD WAY & Kittredge St., Berkeley. Armstrong School of Business to Walter Sorensen .....Dec. 5, 1923
Dec. 7, 1923—LOT 11 BLK "Q" Map No. 2, Subdivision Ptn Central Oakland Tract East Telegraph Ave., Oakland. M G Kendall to California Builders Co.....Dec. 5, 1923
Dec. 7, 1923—LOT 24 BLK "G" Map Fourth Ave. Terrace, Oakland. L C Fish to whom it may concern.. .....Dec. 3, 1923
Dec. 7, 1923—JONES ST., bet. Telegraph Ave and Grove St., Oakland. Southern Pacific Co to Hutchinson Co.....Dec. 3, 1923
Dec. 7, 1923—LOTS 4, 5 AND 6 BLK 4, Chevrolet Park, Oakland. Hettie B Ege to Thomas W Webb..... .....Dec. 6, 1923
Dec. 7, 1923—S VICTORIA AVE 95 E Kenilworth Ave., San Leandro. J P Cummins and L J White to Oakland Home Builders, Inc..... .....Dec. 1, 1923
Dec. 7, 1923—S VICTORIA AVE 175 E Kenilworth Ave., San Leandro. J P Cummins and L J White to Oakland Home Builders, Inc..... .....Dec. 1, 1923
Dec. 7, 1923—LOT 12 BLK 20, Reshdvn Broadmoor, San Leandro. J P Cummins and L J White to Oakland Home Builders, Inc..... .....Nov. 10, 1923
Dec. 6, 1913—LOT 200 Map 4th Ave Terrace Extn., Oakland. Fred J & Mary England to Gustaf Johanson .....Dec. 1, 1923
Dec. 8, 1923—S 5 LOT 5 and N 35 Lot 6 Blk 3, Kellogg Property, Berkeley. A F Morgan to Roy O Long Co..... .....Dec. 5, 1923
Dec. 8, 1923—LOT 3 BLK 7, Hollywood, San Leandro. S Victor Davidow to R E Neikerk.Dec. 8, 1923
Dec 8, 1923—N E-FIFTEENTH 450.20 W Fruitvale Ave N 174xE 40, Oakland. A R Lindsay and A L Vezina to whom it may concern..Dec. 7, 1923
Des. 8, 1923—LOT 5 BLK 1 Map Northbrae, Berkeley. J R Hardman & Son to whom it may concern... .....Dec. 4, 1923
Dec. 7, 1923—N LINCOLN AVE 90 E Broadway E 38.67xN 100, Alameda. W E Willis to whom it may concern.....Dec. 3, 1923
Dec. 10, 1923—LOT 39 BLK 3 STOTTS Tract, Oakland. E. T. Buckman to whom it may concern ...Dec. 8, 1923
Dec. 10, 1923—N VIRGINIA ST 456.5 W McGee Ave., Berkeley. Joseph Zurilgen to J A Pinkerton.Dec. 8, '23
Dec. 10, 1923—FORT LOTS 3 & 4 Blk 7 Herzog Tract, Berkeley. G. W. Owens to whom it may concern .....Dec. 8, 1923
Dec. 10, 1923—1133 EUCLID AVE., Berkeley. Geo. D. Welch to F. E. Sherwood .....Dec. 4, 1923
Dec. 10, 1923—LOT 33 & PORT LOT 34 Blk 1 Map East Piedmont Hts. Ext Oakland. George Ernst to whom it may concern....Dec. 7, 1923
Dec. 10, 1923—LOT 2 BLK 16 Resubdivision Broadmoor, San Leandro. J. P. Cremmins & L. J. White to The Oakland Home Builders, Inc. .....Dec. 10, 1923
Dec. 10, 1923—1922 HOPKINS ST., Berkeley. Herbert K. Schulz to whom it may concern..Nov. 27, 1923
Dec. 11, 1923—LOT 27 BLK 5 Map Claremont, Berkeley. Mrs. C C Brayton to H C Kidder..Dec. 7, 1923
Dec. 11, 1923—NO. 1435 SEVENTY-second Ave., Oakland. Wm. M Warford to A E Orton...Dec. 10, 1923
Dec. 11, 1923—SE LAUREL AVE AND Madeline 40x106, Oakland. Clarence K Nichols to whom it may concern .....Dec. 11, 1923
Dec. 11, 1923—LOT 8 BLK 1, Hotel Claremont Tract, Berkeley. Sydney S Clark to Louis O Hansson..... .....Dec. 8, 1923
Dec. 11, 1923—LOT 12 Maple Heights Tract, Oakland. Alder & Clark to whom it may concern...Dec. 10, '23
Dec. 11, 1923—SE THIRTY-EIGHTH Ave and NE Lot 6 Blk 23 Map — SW 35xSE 101, Oakland. G H S Harding to H V Clarke..Dec. 8, 1923
Dec. 10, 1923—LOT 9 and W 12½ Lot 8 Blk "H" Ivewood, Oakland. E J McCord to whom it may concern .....Dec. 7, 1923
Dec. 10, 1923—NO. 1630 SIXTY-ninth Ave., Oakland. E J McCord to whom it may concern... .....Dec. 7, 1923
Dec. 10, 1923—LOT 13 and E 12½ Lot 14 Blk "H" Ivewood,Oakland. E J McCord to whom it may concern .....Dec. 7, 1923
Dec. 10, 1923—LOTS 3 AND 4 and W 12½ Lot 2 Blk "H" Ivewood, Oakland. E J McCord to whom it may concern.....Dec. 7, 1923
Dec. 10, 1923—LOT 15 and W 12½ Lot 14 Blk "H" Map Ivewood, Oakland. John E and Lena Zollner to whom it may concern .....Dec. 7, 1923
Dec. 10, 1923—LOT 16 and E 12½ Lot 17 Blk "H" Map Ivewood, Oakland Alfred and Helen Zollner to whom it may concern.....Dec. 7, 1923
Dec. 12, 1923—LOTS 4 AND 5 BLK "B" Glenwood, Oakland. W W Eckley to C M Norgrove..Dec. 1, 1923
Dec. 12, 1923—LOT 5 BLK 1, Map Fruitvale Orchard Terrace, Oakland. E T Matteson to whom it may concern.....Dec. 12, 1923
Dec. 12, 1923—LOTS 71 AND 72 BLK 6, Map Havenscourt, Okd. Emiy McKeever to E T Matteson..... .....Dec. 8, 1923
Dec 12, 1923—NE MOSS AVE AND New Broadway N 178.75 E 150 N 192 E 250 S 443 W 322-8, Oakland. Fabiola Hospital Assn to Cobbledick-Kihbe Glass Co, Dec. 6, 1923; The Turner Co.....Dec. 7, 1923
Dec. 12, 1923—NE TWENTY-SECOND and Adeline N 250 E 127 S 36-6 E 127 S 213-6 W 254, Oakland. John Breuner Co to Pacific Materials Co., Dec. 4, 1923; William Bayley Co.....Dec. 4, 1923
Dec. 12, 1923—W SPRUCE ST. 100 S Prospect Ave S 55xW 150, Oakland. Geo Van Vlack to whom it may concern.....Dec. 8, 1923
Dec. 12, 1923—LOT 30 BLK "E" East Piedmont Heights, Oakland. E B Johnson to Alex C Wieben..... .....Dec. 11, 1923
Dec. 12, 1923—S ½ LOT 5 BLK 13, Broadmoor Tract, San Leandro. Maude Ellis to Chester A Gossett .....Dec 1, 1923
Dec. 12, 1923—S ½ LOT 5 BLK 13, Broadmoor Tract, San Leandro. Maude Ellis to Chester A Gossett .....Dec. 1, 1923
Dec. 12, 1923—LOT 14 BLK 4 Map Shaw Tract, Berkeley. Wilford Nichols to C J Betz.....Dec. 7, 1923
Dec. 12, 1923—LOT 284 Map Cherryland Eden Tp. C A Dickman to A F Hanson.....Dec. 10, 1923
Dec. 12, 1923—S THIRTEENTH ST. 60 W Franklin W 40xS 100, Oakland. Tribune Building Co to A J Hillam .....Dec. 5, 1923
Dec. 12, 1923—LOT 30 BLK 7 Map Allendale Tract, Oakland. James L Dobner to J O Jackson..Dec. 11, '23
Dec. 12, 1923—LOT 26 Map Spring Court, Berkeley. Halsted G White to whom it may concern..Dec. 7, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Dec. 7, 1923—W VINCENTE 836.45 N Fifty-sixth St. W 32 W 102.74 S 20.22 E 100.69, Oakland. M Friedman & Co vs S R Gaddis and Mary Lee Kelly.....$79.29
Dec. 7, 1923—NE 26.94 LOT 32, all Lots 33, 34, and 35 Blk "H" Map Broadway Terrace, Oakland. J F Ellis (National Roofing Co) vs S F Improvement Co., W A Knowles and Irent Van De Carr.....$90
Dec. 7, 1923—LOTS 33, 34 and 35 Blk "H" Map Broadway Terrace, Oakland. F A Anderson vs J C Downey $1615.29
Dec. 7, 1923—NE 26.94 LOT 32, all Lots 33, 34 and 35 Blk "H" Map Broadway Terrace, Oakland. City Cornice Co vs Jane Doe Van De Carr $200
Dec. 7, 1923—PTN 652 SW SEVENTH and Snyder Ave W 250xS 269.44, Berkeley. Rhodes-Jamieson & Co vs Vegetable Oil Corp.....$751.17
Dec. 7, 1923—PT 652 SW OF COR. Seventh St. and Snyder Ave W 250 x S 269.44, Berkeley. Rhodes-Jamieson & Co vs Vegetable Oil Corp and Paulson & Marini.....$30
Dec. 7, 1923—LOT 12 BLK "M" Toler Heights, Oakland. Jack-Thompson Lumber Co vs J Darland..$316.95
Dec. 7, 1923—E NINTH 150 S Channing Way, Berkeley. Rhodes-Jamieson & Co vs Driscoll & Johnson & John Doe Abrahamson.$163.45
Dec. 7, 1923—LOT 202 Map 4th Ave. Terrace Extension, Oakland. K H Seeman vs Gus Johansen, B and Madalina Galliano $47
Dec. 7, 1923—LOT 200 Map 4th Ave. Terract Extension, Oakland. K H Seeman vs Gus Johansen, F J and Mary England $335
Dec. 7, 1923—LOT 200 Map 4th Ave. Terrace Extension, Oakland. Redwood Manufacturers Co vs Gus Johansen, F J and Mary England $198.15
Dec. 7, 1923—LOT 202 Map 4th Ave. Terrace Extension, Oakland. Redwood Manufacturers Co vs Gus Johansen, B Galliano and Madalina Galliano $278.50
Dec. 8, 1923—E WALNUT 410 S Clinton Ave S 64 SE 42.40 NE 67.73 SE 14.35 NE 23.11 W 78.04, Alameda S J Pearson vs Maude E Young..... .....$186.20
Dec. 8 1923—SIXTEENTH AVE 47 N E-12th St. N 30xW 68, Oakland. S JePearson vs Isaac Gorodetskey... .....$1028.70
Dec 8, 1923—LOT 4 BLK "G" Map Kenwood Park, Oakland. S J Pearson vs J E Sprague.....$192.90
Dec. 8, 1923—LOT 5 BLK 4 Map Resubdivision Blks 9, 10, 11, 12, 13 and 14 and Ptn Blk 16 Map Rockridge Terrace, Oakland. Lannon Bros Mfg Co vs G F & Marie C Campau $385

Dec. 10, 1923—E 40 OF N 100 LOT 14 Blk 1607 Map Subdivision Blk 1, J, L Harmon Tract, Berkeley, J. E. Shaw vs Tinsa L. Smith....$125
Dec. 10, 1923—SW COR BDWY AND Ada Sts. 40x100, Oakland. Herman D. Southwick vs Oakland & S. F. Improvement Co. & Irene Van de Carr $91
Dec. 10, 1923—PORT PLOT A MAP Undivided Mountain or Hill Land of V & D Peralta Rancho, Oakland. Tilden Lumber Co. vs Raymond E. & Daisie P. Ford & Guy Lynn Rosebrook $2030.78
Dec. 12, 1923—NE 26.94 LOT 32, all Lots 33, 34 and 35 Blk "H" Map Broadway Terrace, Okd. Scheeline Mfg Co vs Irene Van De Carr.$396.97
Dec. 12, 1923—NE 26.94 LOTS 32, 33, 34 and 35 Blk "H" Map Broadway Terrace, Oakland. Pacific Gas & Electric Co vs F A Anderson Co and Irene Van De Carr.....$815.84

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Dec. 6, 1923—S ISABELLA 355 W San Pablo Ave W 39xS 139-2½, Oakland. P Morilhat and N Gaubert to P and Marie Mauce $3947.21
Dec. 6, 1923—N RUSSELL 60 E Pine Path E 40xN 150, Berkeley. Nelson Lumber Co to G Johanson, N and Gabrielle Woodworth.....$726.65
Dec. 7, 1923—W VICENTE 836.45 N Fifty-sixth St. N 52 W 102.74 S 20.22 E 100.69, Oakland. Eureka Mill & Lumber Co to S R Gaddis.. .....$560
Dec. 7, 1923—LOT 22 BLK 2 Map Lakeshore Highlands, Okd. New Way Plumbing Co, $175.50; Thos M Kendall, $254; Henry Cowell Lime & Cement Co, $156.70; Sunset Lumber Co, $680.26 to M A Rose and L H Covey.....

Notice of Non-Responsibility

ALAMEDA COUNTY

Dec. 10, 1923—SE B ST 80 SW COMmercial St. SW 150 SE 141.88 NE 122 NE 89.94 NW 37.60 NW 37.60, Hayward. H. W. Meek Estate Inc. as to improvements to property.
Dec. 12, 1923—SW 20 LOT 17, All Lot 18 and NE 5 Lot 19 Blk 18, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property .....
Dec. 12, 1923—LOTS 3, 4 AND 6 BLK 11, Map Fitchburg Homestead Lots ——. G K Porterfield as to improvements on property.....

EXTENSION OF BLDG. CONTRACT

ALAMEDA COUNTY

Dec. 8, 1923—NEAR ESTUDILLO at Watkins St., ——, Southern Pacific Co. with Hutchinson Co.; Globe Indemnity Co. Time extended 60 days. Dated Nov. 20, 1923.

BUILDING CONTRACTS

SANTA CLARA COUNTY.

ADDITION
SITUATE ON THE N SIDE OF THE San Francisco Highway near Sunnyvale, Cal. All work except painting for addition to a one-story frame residence.
Owner—Walter E. Kline, County of Santa Clara.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—Frank Neves, 891 Harrison Santa Clara, Calif.
Filed —. Dated Oct. 29, 1923.
frame up $1194.50
1st coat plastering on..... 1194.50
Completed and accepted 1194.50
Usual 35 days 1194.50
TOTAL COST, $4778
Bond, $2389; Sureties, S. H. Chase and J. A. Chase; Forfeit, none; Limit, 90 working days from Oct. 29, 1923; Plans and specifications filed.

COTTAGE
EAST SIDE OF JOHNSON AVE. OPPOsite Campbell Ave. and adjoining property of Sturdavent. All work for 1-story 4-room frame cottage.
Owner—E. Whistler, San Jose.
Architect—William O'Neal, 500 N 15th San Jose.
Contractor—William H. O'Neal, 500 N 15th San Jose.
Filed —. Dated Nov. 30, 1923.
Roof shingled $900
Brown coated 900
Accepted or occupied..,..... 900
Usual 35 days 900
TOTAL COST, $3600
Bond, Sureties, Forfeit, none; Limit, 90 working days from Dec. 3, 1923; Plans and specifications filed.

DWELLING
LOT F BLOCK 7 PALM HAVEN. All work for 1-story 5-room dwelling.
Owner—John McAuley.
Architect—William O'Neal, 500 N 15th San Jose.
Contractor—William H. O'Neal, 500 N 15th, San Jose.
Filed —. Dated Nov. 26, 1923.
Roof on $925
Brown cated 925
Accepted or occupied by owner.. 925
Usual 35 days 925
TOTAL COST, $3700
Bond, Sureties, Forfeit, none; Limit, 60 working days from Nov. 27, 1923; Plans and specifications filed.

LOT 19 J A NORTON SUBDIVISION, Build complete except painting.
Owner—Henry S. Hallenbeck and Sadie V. Hallenbeck, San Jose.
Architect—M. M. David, 826 So. 3rd St. San Jose.
Contractor—M. M. David, 826 So. 3rd St San Jose.
Frame work up $668.25
Brown coated 668.25
Completed and accepted 668.25
Usual 35 days 668.25
TOTAL COST, $2673
Bond, $1336.50; Sureties, James Herron and M. L. Doane; Forfeit, none; Limit, 70 working days from Nov. 22, 1923; Plans and specifications filed.

BUILDING
PART OF LOT 12 OF THE LOS Coches Rancho. All work for 1-sto. reinforced concrete and wood bldg.
Owners—E. C. Hamlin & J. P. Manchle 833 S 2nd, San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor — Jorgensen & Cook, San Jose.
Filed —. Dated Nov. 26, 1923.
Concrete foundation, columns and beams poured.....$3000
Framing completed 3000
Completed and accepted 3000
Usual 35 days 3000
TOTAL COST, $12,000
Bond, $6000; Sureties, H. J. Pascoe, R. French and S. Le Delt; Forfeit, none; Limit, 75 working days from Nov. 26, 1923; Plans and specifications filed.

RESIDENCE, 2-family, $5000; 11th nr. St. James, San Jose; owner, C. N. Gollner, 149 E Julian, Can Jose.
ADDITIONAL story, $5000; 10th & Sta. Clara, San Jose; owner, W. L. Atkinson, et al. 28 E Sta. Clara, San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, H. A. Bridges, Pine and Lincoln, San Jose.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

COTTAGE, 6-room, $3000; S 10th near Martha, San Jose; owner, G. S. Carpenter.
TEMP. RESIDENCE, $1000; 7th near William, San Jose; owner, Misses Atkinson and Woorster.
BUS BLDG., 1-story; $100,040; 3rd near Sta. Clara, San Jose; owner, S. J. Tobacco Co., 44-46 Post San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, Z. O. Field & Son, 76 W San Antonio, San Jose.
ALTERATION, $1200; 221 S 21st, San Jose; owner, M. K. Miller.
COTTAGE, 5-room, $2400; St. John near 31st, San Jose; owner, Daniels and Gamble.
RESIDENCE, $5900; 13th near Julian, San Jose; owner, H. De Smet.
COTTAGE, 5-room, $3700; Riverside nr. Bird, San Jose; owner, M. McAuley; architect, Wm. H. O'neil, 500 N 15th San Jose.
COTTAGE, 5-room, $2500; 33rd near Shortridge, San Jose; owner, H. W. Sampson.
BUNGALOW COUNT, $25,000; 11th near Virginia, San Jose; owner, Tainter Realty Co.; architect, Minton Lumber Co., 541 Front St., Mt. View.
ALTERATIONS, $1200; Fountain near First, San Jose; owner, V. Chargin, First, San Jose; lessee, V. Chargin, 1st Natl. Bank Bldg., San Jose; contractor, J. Thorp, Auzerais Bldg San Jose.
COTTAGE, 4-rm., $1250; 9th nr. Empire, San Jose; owner, Sam Emmite. San Jose.
COTTAGE, 5-room, $3975; Hibson near Poplar, San Jose; owner, J. P. Isaksen.
COTTAGE, 4-room, $1975; Shortridge near 34th, San Jose; owner, F. Damon; architect, J. E. Perkins, 1652 E Sta. Clara, San Jose.
COTTAGE, 6-room, $4500; 8th nr. Martha, San Jose; owner, Minton Lmbr Co., 541 Front St., Mountain View.
COTTAGE, $3990; Altnata near Delmas, San Jose; owner, L. C. Rossi, 423 Atlanta, San Jose.
FACTORY BLDG., concrete, $9935; Margaret and 4th, San Jose; owner, Beech-Nut Co., 4th & Margaret, San Jose; architect, Company Engineers; contractor, R. O. Summers 17 N St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Nov. 26, 1923—PTN LOT 3 BLK 18, Map of University Grounds. Effie E Blesh to S R Cook....Nov. 19, 1923
Nov. 26, 1923—LOT 6 BLK 2 Map of Beal Ptn of Blk 2 of Clayton & Beal Sbdvn of Lots 23 and 24, Ranch de Los Coches. C H McKay to whom it may concern.Nov. 26, '23
Nov. 26, 1923—LOT 2 BLK 4, Rose Lawn. G W Q and Elizabeth Jane Davis to whom it may concern.... .....Nov. 24, 1923
Nov. 26, 1923—THE ALAMEDA AND Randal Sts Ptn of the Los Coches Rancho. Charles O Bocks to J E Perkins66.....Nov. 26, 1923
Nov. 30, 1923—NO. 45, 47 & 49 POST St., San Jose. F T Snow to Megna & Newell.....Nov. 27, 1923
Nov. 28, 1923—ON LIBERTY ST. & known as the Alviso School. Board of Trustees of the Alviso School District to R. O. Summers.Nov. 28, '23
Nov. 28, 1923—LOTS 19 & 20 BLK 13 Seale Addition No. 1 Lillian Vredenbrugh to Palo Alto Construction Co .....Nov. 1, 1923
Nov. 28, 1923—15 LOT 8 & W 80 LOT 9 Blk 1 Lendrum Tct. Verne Bryan to whom it may concern.Nov. 11, 1923
Nov. 28, 1923—LOT 24 ORCHARD.. Park Subdivision of Villa Lote. Elizabeth A. Walden to whom it may concern ..... Nos. 28, 1923
Nov. 30, 1923—PART LOT 1 Blk 66 Subdivision of University Park. Cachot Davis to W. E. Hansen.... .....Nov. 23, 1923
Nov. 30, 1922—LOT 2 BLK H OF the Southgate Subdivision. James H. Walker to whom it may concern .....Nov. 30, 1923
Nov. 30, 1923—NOS. 45 47 49 POST ST. San Jose. A. A. Snow to Megna & Newell .....Nov. 27, 1923
Dec. 1, 1923—LOT 17 BLK 3 ROSE Lawn. Geo. H. Jorgensen to whom it may concern .....Nov. 30, 1923

Dec. 1, 1923—N SIDE OF WAVERley Street 100 W Lincoln St. F. N. Zwart to M. C. Ingraham.Nov. 28, '23
Dec. 3, 1923—LOT E BLK 6 PALM Haven Tract. Albert Anthes to G. R. Martin.....Nov. 30, 1923
Dec. 3, '23—LOT 10 BLK 3 KERSCHbach Subdivision of Lincoln Residence Park. Edwin Forsberg and Alice M. Forsberg to C. V. Brown .....Dec. 3, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Nov. 26, 1923—LOT 2 BLK 10 HANchett Residence Park. J. C. Hackett vs Paul Rudolph $144
Nov. 26, 1923—LOT 2 BLK 10 HANchett Residence Park. Bert Dash vs Paul Rudolph $102

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Dec. 3, 1923—LOT 26 SAVEKER SUBdivision No. 2 .Hubbard & Carmichael Bros. to Belle M. Stebbins $2168.03

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

LATHING ETC.
TWELFTH AND L STS., Sacramento. Lathing and lastering work in Hotel Senator.
Owner—Hotel Senator Corp.
Architect—None.
Contractor — A. Knowles, Call Bldg., San Francisco.
Filed Dec. 7, 1923. Dated Nov. 30, 1923. Payments not given.
TOTAL COST, $146,721
Bond, Sureties, Forfeit, Limit, none; Plans filed; Specifications, none.

METAL WORK
FIRST AND T STS., Sacramento. Sheet metal work for building.
Owner—Pacific Gas & Electric Co. 11th and K, Sacramento.
Architect—None.
Contractor — McLaughlin Sheet Metal Works, 221 J, Sacramento.
Payments not given.
TOTAL COST, $2264
Bond, Sureties, Forfeit, Limit, Plans and specifications, none.

DWELLING, one-story 4-room and garage, $2600; No. 1485 33rd St., Sacramento; owner, Carly Co.; contractor, C. J. Hopkinson.
DWELLING, one-story 4-room and garage, $2600; No. 1477 33rd St., Sacramento; owner, Carly Co.; contractor, C. J. Hopkinson.
DWELLING, one-story 5-room and garage, $3500; No. 1001 47th St., Sacramento; owner, Mr. and Mrs. R. C. Flinnell, 932 42nd St., Sacramento; contractor, G. B. Stahl, 3008 I St., Sacramento.
DWELLING, one-story 6-room and garage, $4000; No. 1024 34rd St., Sacramento; owner, Geo. D. Dunn, No. Sacramento; contractor, V. D. Crane, M. R. 6 Box 875, Sacto.
DWELLING, one-story 6-room and garage, $4500; No. 811 41st St., Sacramento; owner, Geo. Hackinson, 615 26th St., Sacramento; contractor, H. M. Earle, 1036 Dolores Way, Sacramento.
ADDITION dwelling, $2500; No. 5333 T St., Sacramento; owner, I. Needham, 1240 38th St., Sacramento; contractor, J. T. Chambers, 403 15th St., Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 3425 T St., Sacramento; owner, W. B. Phillips, 1406 44th St., Sacramento.
DWELLING, one-story 5-room and garage, $4500; No. 2330 23rd St., Sacramento; owner, Ella M. Hubbard, 306 Courthouse; contractor, J. H. Mygant, 1364 41st St., Sacto.
DWELLING, one-story 5-room and garage, $4900; No. 3947 Downey Way, Sacramento; owner, O. F. Yeager, 1607½ 20th St., Sacramento; contractor, C. H. Chatterton, 2426 F St., Sacramento.
DWELLING, one-story 5-room and garage, $3250; No. 2137 39th St., Sacramento; owner, Greer & Harrigan; contractor, H. G. Birdsall.
DWELLING, one-story 5-room and garage, $3900; No. 2404 26th St., Sacramento; owner, T. Schluckebier, 2660 Marshall Way.
DWELLING, one-story 5-room and garage, $3800; No. 2431 E St., Sacramento; owner, Louis Hapeman, 706 20th St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacto.
REMODEL one-story dwelling into 4 4-room flats, $3500; No. 2904 Q St., Sacramento; owner, T. A. Farrell; contractor, E. D. Brier, 813 J St., Sacramento.
DWELLING, one-story 6-room and garage, $5000; No. 1334 47th St, Sacramento; owner, J. V. Hynes, 1528 27th St., Sacramento; contractor, E. D. Brier.
BRICK public garage, $6850; No. 1414 E St., Sacramento; owner, Mrs. D. Ahern, 1523 F St., Sacramento; contractor, E. D. Brier.
DWELLING, one-story 5-room and garage, $4500; No. 1140 40th St., Sacramento; owner, Jeanette Williams 2520 W St., Sacramento.
DWELLING, one-story 5-room and garage, $5500; No. 2508 Marshall Way Sacramento; owner, Coleman-Holmes, 2624 35th St., Sacramento.
DWELLING, 1-story 4-room and garage, $3000; No. 512 S St., Sacramento; owner, Juanita Fernandez, contractor, F. Lopez, 2100 3rd St., Sacramento.
DWELLING, 1-story 5-room and garage, $3900; No. 4448 H St., Sacramento; owner, W. Newhart, Placerville.
DWELLING, 1-story 5-room and garage, $2500; No. 1201 33rd St., Sacramento; owner, Martin G. Burnside, 3717 H St., Sacramento.
DWELLING, 1-story 6-room and garage, $5750; No. 2710 Marshall Way, Sacramento; owner, A. L. Johnson, 2557 5th Ave., Sacramento.
DWELLING, one-story 5-room and garage, $3350; No. 1516 Santa Ynez Way, Sacramento; owner, Bert Fee, 32nd and L Sts., Sacramento; contractor, Jos. Edenhofer, 2300 2nd Ave.
REMODEL upper floor of dormitory, $16,000; No. 220-226 K St., Sacramento; owner, Wataru Idemoto, Florin; contractor, K. Yabuki, 1326¼ 4 St., Sacramento.
DWELLING, 1-story 5-room and garage, $4200; No. 2548 41st St., Sacramento; owner, Leo Lentz, Peoples Bank Bldg., Sacramento; contractor, P. R. Opdyke.
DWELLING, 1-story 5-room and garage, $5900; No. 1625 38th St., Sacramento; owner, Wallace Mason, 2221 H St., Sacramento; contractor, P. R. Opdyke.
DWELLING, 1story 5-room and garage, $5638; No. 1633 38th St., Sacramento; owner, Fred Percival, 2822 I St., Sacramento; contractor, P. R. Opdyke.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Dec. 1, 1923—S ½ OF W ½ LOT 8, T, U, 25th & 26th Sts, Sacramento. D H Gillis to whom it may concern .....April 30, 1923
Dec. 4, 1923—N FRANKLIN BLVD., bet. 7th and 9th Aves., Sacramento. Sacramento City School Dist to whom it may concern..Nov. 26, 1923
Dec. 4, 1923—E FAIRMOND ST., Sacramento. W E Trainor to whom it may concern.....Oct. 15, 1923
Dec. 5, 1923—S 25 FT. LOT 1653 and N 30 ft. Lot 1652 W. & K. Tct 24, Sacramento. Wm F Schwartz to whom it may concern....Dec. 4, 1923
Dec. 6, 1923—LOT 7, East Terrace, Sacramento. Clara Madden to whom it may concern.....Dec. 4, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Nov. 30, 1923—LOTS 10104 & 10122 Fruit Ridge. Latourrette-Fical Co vs Alla Dieterle and William Ringo $286,714

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

STORE building, $6500; No. 1901 N-Madison St., Stockton; owner, J. Marciano, 145 W-Wyandotte St., Stockton.
RESIDENCE, $15,000; Beverly Place, Stockton; owner, B. F. Stowe.
RESIDENCE, $2800; No. 2147 E-Market St., Stockton; owner, V. Beery.
HOTEL and stores, $30,000; No. 201 N-California St., Stockton; owneh, L. Soscou.
REMODEL, $16,000; No. 45 S-Aurora St., Stockton; owner, George Company, 37 S-Aurora St., Stockton.
GARAGE, $2800; No. 112 W-Willow St., Stockton; owner, L. B. Rabb
RESIDENCE, $2600; 418 East Second, Stockton; owner, J. Fisher.
RESIDENCE, $6000; 1215 West Willow, Stockton; owner, F. P. Dobson, 1045 Vernal Way, Stockton.
REMODEL, $2800; 2425 North San Joaquin, Stockton; owner, D. Bregarne
ADDITION, $5000; 445 West Washington, Stockton; owner, T. Trombolo.
RESIDENCE, $6000; 927 North Orange, Stockton; owner, Dave Caio.
RESIDENCE, $2500; 412 East Noble, Stockton; owner, Dave Vaio.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Dec. 4, 1923—C. L. McCLEARY TO H. J. Erickson .....Nov. 19, 1923
Dec. 1, 1923—LOT 3 BLK 3 LA BONita Park, City of Tracy. O. L. Roberts to H. J. Erickson...Oct. 14, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Dec. 3, 1923 — W LINE CHEROKEE Lane N Pine. J. P. Philippi vs. Gustav Bansmer $119.58

BUILDING CONTRACTS

FRESNO COUNTY

($5,000 and Over Reported)

OFFICE BLDG., $175,000; Fresno and L Sts., Fresno; owner, Holland & Holland, Holland Bldg., Fresno; contractor, H. F. Felchlin, 1047 Forthcamp, Fresno.
DWELLING, $7500; 573 Terrace Ave., Fresno; owner, Mrs. W. E. Ryland; contractor, Shorb & Neads.
GARAGE, $6200; No. 1202 Mariposa St., Fresno; owner, Chong Jan Co.; contractor, Chas. McKnight.
DWELLING, $4000; No. 386 Ferger Ave., Fresno; owner, F. Bingham; contractor, E. E. Spencer, 2605 Morca St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Nov. 30, 1923—LOTS 27 AND 28, Whitehouse Tract, Fresno. W C Jolly to whom it may concern.....Nov. 19, 1923
Dec. 3, 1923—LOTS 37 AND 38 West Brae. J A Schlotthauer to whom it may concern.....Nov. 30, 1923
Dec. 1, 1923—LOTS 39 AND 40 BLK 4, College Add'n., Fresno. John G Porter to whom it may concern.....Nov. 24, 1923
Dec. 1, 1923—LOTS 45 AND 46 BLK 11, College Addn., Fresno. H W Favas to whom it may concern.....Nov. 30, 1923
Dec. 1, 1923—LOT NR VALENTINE Ave and State Highway. Gladys S Cronk to whim it may concern.....Nov. 26, 1923
Dec. 3, 1923—LOTS 13 AND 14, Nishkian Tract, Fresno. J A Schlotthauer to whom it may concern.....Nov. 30, 1923
Dec. 4, 1923—LOTS 34 AND 35 BLK 3, Torrance Terrace, Fresno. N E Deardorf to whom it may concern .....Nov. 2, 1923

Dec. 4, 1923—LOTS 35 AND 36, Whitehouse Tract, Fresno. B G Townsend to whom it may concern.....Dec. 3, 1923
Dec. 4, 1923—LOT 8 BLK 18, Hazelwood Addn, Fresno. H Kayolan to G Tergian.....Dec. 3, 1923
Dec. 5, 1923—LOT 1 BLK 17, Fresno. Josephine F Pagano to Joe Smith and Jas Romano.....Dec. 4, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

Nov. 30, 1923—W 50 FT LOT 3 BLK 1, Hazelwood. J D Halstead Lumber Co vs Manaag Manoogian.....$1638
Nov. 30, 1923—LOT 6 BLK 11, Wilson North Fresno Tract, Fresno. Bingham-Wenks Planing Mill vs P A Wolff and P A Wolff Bldg Co..$2006
Nov. 30, 1923—Same. C E McMullin vs Same.....$210
Nov. 30, 1923—LOTS 3 T O 6 BLK 2, Stanford Add., Clovis G B Cranmer vs Felice Cistrnino.....$215
Dec. 1, 1923—LOS 6 BLK 11, Wilson North Fresno Tract, Fresno. J T Anderson, $1194; T O Paint Store, $35; Valley Hardware Co, $239; Routte Lumber Co, $1229 vs P A Wolff and P A Wolff Bldg Co.....

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
A AND B RESUB. OF B-4, Belmont. All work for bungalow.
Owner—Fred O. McLeod.
Architect—None.
Contractor—John Berg.
Filed Nov. 28, '23. Dated Oct. 23, '23.
Roof on $1250
Plastered 1250
Completed 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, limit, forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 25 BLK 15 BLGME GROVE, Burlingame. All work for Bungalow.
Owner—Wm. and Alice Comeliams.
Architect—None.
Contractor—E. L. Shaver, 765 Farrington, San Mateo.
Filed Dec. 1, 1923. Dated Sept. 11, 1923. Payments not given.
TOTOL COST, $3500
Bond, Sureties, Forfeit, none; Limit, 60 working days; Plans and specifications filed.

BUNGALOW
LOT 6 BLK N HAYWARD PARK, San Mateo. All work for bungalow and garage.
Owner—Thomas Cahill.
Architect—None.
Contractor—E. L. Shaver, 765 Farrington, San Mateo.
Filed Dec. 3, 1923. Dated Nov. 3, 1923.
Roofed .....
Completed and accepted .....
Usual 35 days .....
TOTAL COST, $5000
Bond, Sureties, Forfeit, Limit, Plans and Specifications, none.

RESIDENCE
LOT 18 BLK BLGME HEIGHTS, Burlingame. All work for frame residence.
Owner—Ervin C. & Erma H. Richardt.
Architect—E. S. Norberg, 409 Occidental Ave., Burlingame and Balboa Bldg., San Francisco.
Contractor—Chas. Pederson.
Filed Dec. 3, 1923. Dated Nov. 26, 1923.
Roofed $2000
Plaster 2000
Completed and accepted 2000
Usual 35 days 2000
TOTAL COST, $8000
Bond $4000; Sureties, Wm. F. Tumbull and Francis J. Robinson; Forfeit, $5; Limit, 90 working days; Plans and specifications filed.

BUNGALOW
LOT — BLK 8, San Mateo. All work for Bungalow.
Owner—Marie D. E. Wells.
Architect—None.
Contractor—E. L. Shaver, 765 Farrington, San Mateo.
Filed Dec. 3, 1923. Dated Oct. 8 ,1923. Payments not given.
TOTAL COST, $5740
Bond, Sureties, Forfeit, none; Limit, 60 working days; Plans and specifications none.

BUNGALOWS
NO. 15 LOT 17 BLK 18; NO. 16 LOT 10 Blk 14; No. 17 Lot 11 Blk 14; No. 18, Lot 22 Blk 31; No. 19 Lot 15 Blk 27 No. 20 Lot 20 Blk 31; No. 21 Lot 15 Blk 37 Redwood Highlands Redwood City. All work for bungalows
Owner—Redwood Highlands Co., Brewster St., Redwood City.
Architect—None.
Contractor—Louis N. Pollard, 55 Brewster St., Redwood City.
Filed Dec. 7, 1923. Dated Dec. 3, 1923. (Each house)
Brown coated 1128.00
Completed and accepted 1128.00
Usual 35 days (all houses).. 9745.50
TOTAL COST, $38,982
Bond, $19,491; Sureties, W. P. Gray & Z. T. Thorning; Forfeit, none; Limit, 140 working days; Plans and specifications filed.

BUNGALOWS
NO. 1 LOT 9 BLK 31; NO. 2 LOT 7 BLK 31; No. 3 Lot 5 Blk 31; No. 4 Lot 1 Blk 31; No. 5, Lot 2 Blk 31; No. 6 Lot 3 Blk 31, Redwood Highland, Redwood City. All work for bungalows.
Owner—Redwood Highlands Co., Brewster, Redwood City.
Architect—None.
Contractor—Gus Waller, 220 Hudson, Redwood City.
Filed Dec. 7, 1923. Dated Dec. 3, 1923. (Each house)
Roofed $1337.50
Brown coated 1337.50
Completed and accepted..... 1337.50
Usual 35 days (all houses).. 8025.00
TOTAL COST, $32,100
Bond, $16,500; Sureties, W. P. Gray & Z. T. Thoning; Forfeit, none; Limit, 140 days; Plans and specifications, none.

BUNGALOWS
NORTH SIDE THORBUNDA AVE. 465 E Co. Road, Burlingame. All work for stucco bungalow.
Owner—W. S. & Eleanor C. Rennie.
Architect—None.
Contractor — Wm. Watson & James Watson, 181 Busch, San Jose.
Filed Dec. 6, 1923. Dated Dec. 5, 1923.
Framed $1560
1560
1560
1560
1560
TOTAL COST, $7800
Bond, Sureties, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

ALTERATIONS, $3000; Bellevue Ave., San Mateo; owner, E. S. Hump; contractor, Thom. Edwards.
BUILDING, $3000; S. M. Drive, San Mateo; owner, S. M. Feed and Fuel Co. San Mateo; contractor, S. A. Wisnom, A and 2nd Sts., San Mateo.
DWELLING and garage, $4000; Hilltop Rr. San Mateo; owner, Chas. Stephenson.
BUNGALOW and garage, $5000; Lot 8 Blk 42 Cabrillo Ave., Burlingame; owner, Mrs. M. Casey.
DWELLING and garage, $12,000; east ½ lot 62 Sycamore Ave., San Mateo; owner, Leadley and Wiseman, 207 2nd St., San Mateo.
BUNGALOW and garage, $59000;; Lot 32 Blk 43 Bernal, Burlingame; owner, Harry E. Haye.
BUNGALOW, duplex, and garage, $7000 Lot 4 Blk 16 Paloma Ave., Burlingame; owner, Albert E. Patch, 1216 Bayswater St., Burlingame.
BUNGALOW and garage, $4000; Lot 16 Blk 6 Norell Ave. Villa Park, Burlingame; owner, Norberg & Wickland.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

Dec. 1, 1923—PTN LOT 247 Sub 3, San Mateo Park, San Mateo. G W and Eliza D Mameford to whom it may concern.....Nov. 1, 1923
Dec. 3, 1923—LOS 8 AND PTN LOT 7 Blk 11, Burlingame Terrace, Burlingame. Louise M Sullivan to Ivar D Peterson.....Dec. 1, 1923
Dec. 3, 1923—LOT 1 BLK 20, San Carlos. Mercantile Trust Co to Robert F Neilson.....Nov. 27, 1923
Dec. 3, 1923—LTN LOT 1 BLK 3. West Belmont. Catherine C and Geo P Adams to C E McDonald.....Dec 3. 1923
Dec. 3, 1923—LOT 13 BLK 3, East San Mateo. Hyman Horwitz to M Matulich .....Nov. 28, 1923

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $2000; S Center St., bet. 31st and 33rd Sts., Richmond; owner, A. Hofman, 6441 California St., San Francisco.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
JERROLD AVE. & VERNEVELD AVE.
Mission 901-902-903-904 San Francisco

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO Member [Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND	LOS ANGELES	SAN DIEGO	PORTLAND	SEATTLE
SACRAMENTO	HOLLYWOOD	SANTA MONICA	BOISE	TACOMA
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., DECEMBER 22, 1923

Published Every Saturday
Twenty-third Year No. 51

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

KOEHRING K HEAVY DUTY

Remixes Concrete

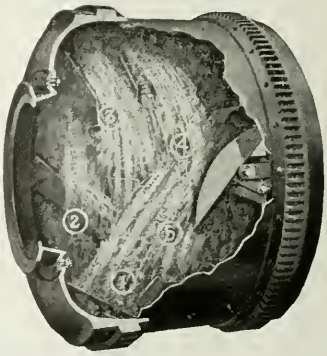
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., DECEMBER 22, 1923 — Twenty-third Year No. 51

Building & Engineering News

No. 818 Mission Street.
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

The Staff of Building and Engineering News wishes you a

Merry Christmas

...and a...

Happy New Year

and desires to express its sincere appreciation of your hearty support and encouragement—without which its continued growth in scope and usefulness during 1923 would not have been possible.

BUILDING PROGRAM TO ENCOURAGE 1924 BUSINESS

The revival of building operations is the symptom which carries the most encouragement as to probable business conditions in 1924 says the November report of the National City Bank of New York. The year 1923 will make a record much above that of any previous one in the value of construction work. Bradstreet's returns of building permits granted in reporting cities for ten months foot up $2,590,709,250, as against $2,080,039,978 in the like period of last year. It can be argued that this may signify that the need for new buildings is being rapidly satisfied rather than that another big building year is in prospect, but the permits granted in the month of October relate to projects that will fall mainly in next year, and the fact that in contemplated cost they aggregate $275,615,943, a sum 30.8 in excess of the permits granted in October, 1922, and more than in any months of 1923 except March and April, is good evidence that there is a great amount of construction work in contemplation for 1924. It may be added that the reports of the contracts let in October confirm the evidence from permits granted. We have repeatedly expressed the opinion that upon the amount of construction more than upon anything else would depend the general state of business in 1924.

ANTIOCH BRIDGE PLANS APPROVED BY WAR DEPARTMENT

Plans for the proposed Antioch bridge have been approved by the War Department and early construction is contemplated by the Delta Bridge Corporation which company will finance its construction. The plans were prepared by Frank Reynolds, engineer of Sacramento.

The plans reported approved by the War Department provide for an ascent from the Sherman Island side on an 850-foot concrete trestle at a grade of 6 per cent, 225 feet of concrete span, a 300-foot lift span, 2,000 feet of 100-foot spans descending at a grade of 1½ per cent and 850 feet of concrete trestle on the Contra Costa shore. The lift span, when raised, would give a clearance above high water of 135 feet. The lift span, when in place, and the adjoining 500-foot stationary span, would be seventy feet above high water.

Assurances already have been given by both Sacramento and Contra Costa Counties that in event the bridge is built, paved highways will be constructed to connect with it. Contra Costa now has paved highways almost to the south abutment of the bridge and Sacramento County has paved highway to Rio Vista and plans to bridge and improve the road on Sherman Island to the north abutment of the bridge.

This route has been selected for the main line of the Victory Highway between Sacramento and Oakland and is said to be slightly shorter than any existing main route. It has been used very little in the past, however, due to the fact that ferry service has been inadequate and the road has not been fully improved.

DEMAND FOR LUMBER PRODUCTS IN 1924 IS PREDICTED

"We look for a good demand next year, domestic and foreign, for lumber products," says M. B. Nelson, president of the Long-Bell Lumber Company. "The potential European demand which must be satisfied some time, will mean considerable business next year," Nelson says.

"Japan will require great quantities of West Coast material in its rehabilitation work. Mexico, in view of more stable conditions and the recent recognition by the United States, is expected to be more actively in the market than in the past."

Domestic consumption will be specially active, Nelson believes.

"Eight billion dollars in construction must be spent before the country's needs can be well served," he continued.

"There will be plenty of money available at reasonable rates of interest for home building purposes; and with nearly everybody employed at good wages there should be considerable home building next year. The farmers have done practically no building since the war ended. This has been a good year for the farmers, with the exception of wheat growers; so 1924 should see a resumption of building.

"The railroads have a large improvement program for next year; shipping interests are planning new dock facilities; and industrial concerns, facing good business next year, are planning additional floor space.

"The year 1923 has been a good one for the lumber business generally, and we look for 1924 to be as good."

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Following endorsement at the city election of the proposed Aberdeen power development on the Wynooche river, city officials of Aberdeen, Wash., contemplate first steps in the $3,000,000 electrical project by securing water rights. If the project cannot be built for $3,000,000 the matter will be resubmitted to the voters to ascertain whether they want more money to be spent on the project. No bonds will be issued and no construction started until this is known.

San Francisco Chapter, American Association of Engineers, has unanimously adopted the report of a special committee favoring the immediate prosecution of the water phase of the Hetch Hetchy project. The committee recommended that the city of San Francisco should not undertake the distribution of Hetch Hetchy power until the main water project is completed.

Plans to enlarge the Marine Hospital at San Francisco and for a new Marine Hospital at Seattle are receiving serious consideration at Washington, according to an announcement of the U. S. Public Health Service. Funds for the improvements are not yet available.

Harvey M. Toy, chairman of the California State Highway Commission, announces that the plan to get 100 per cent Federal aid on the Oregon Trail Victory Highway and Santa Fe across four states including Utah, Nevada and Arizona has been approved by the Bureau of Good Roads.

Unfilled tonnage of the U. S. Steel Corp. for November show a decrease of 304,241 tons. Figures on Nov. 30 were 4,368,583 tons against 4,672,825 on Oct. 31; 5,036,750 Sept. 30, and 5,414,663 Aug. 317. Unfilled tonnage Nov. 30 last year was 6,840,242.

Zellerbach Paper Co. and National Paper Products Company of San Francisco have purchased a 25-acre tract at Cudahy Station, Los Angeles County, and plan the erection of a paper mill. The total cost of the plant and equipment is estimated at $2,500,000.

Chas. C. Hughes, city superintendent of schools at Sacramento, in a report to the Board of Education, announces that several new vocational courses will be offered at the new high school, these to include plumbing and electrical courses.

The lumber steamer, Flavel, owned by the Hammond Lumber Co., went ashore on the reefs off Monterey, Dec. 11. The vessel is a total loss. The Flavel was en route from Aberdeen, Wash., to San Pedro with 1,000,000 feet of lumber aboard. No lives were lost.

At a special meeting Dec. 6, the Jobbing Contractors' Ass'n. of Portland, Ore., voted unanimously to consolidate with the Master Builders' Association of that city.

Federal Reserve Board reports production of basic industries of the U. S. advanced 3 per cent in October, after a decline of four months.

Portland, Ore., city council plans to widen and extend Burnside Avenue at a cost of $2,548,165.

Colorado, Columbus and Mexican Railroad Co. has been denied a permit by the Interstate Commerce Commission to construct 550 miles of new line in New Mexico, Texas and Arizona. The company's estimate of $15,000,000 as a cost of construction was entirely too small, the commission's decision said, and its financing plans were not sufficiently disclosed. Estimates of traffic and revenue was believed by the commission to be "excessive," and the sparseness of population on the route chosen made the line unnecessary in the public interest.

The Builders' Exchange of Alameda County has organized the Builders' Exchange Holding Corporation, capitalized at $200,000 for the purpose of erecting a new structure in Oakland to house the exchange quarters in addition to public meeting rooms, stores and offices. Directors are: E. M. Tilden of Richmond; L. C. Fraser, T. D. Sexton, G G. Jamieson and W. G. Thornally, all of Oakland.

A competitive examination will be held throughout the country on January 9, 1924, to fill a vacancy in the work of junior metallurgist in the Bureau of Mines, Department of the Interior, for duty at Reno, Nevada. Application blanks may be obtained from the United States Civil Service Commission, Washington.

Representatives of Henry Ford are considering the purchase of lands in Oakland, offered by the E. K. Wood Lumber Co. and the Standard Gas Engine Company, on which it is proposed to erect an automobile assemblying plant with a daily capacity of 4000 cars. The plant with equipment, it is estimated, will cost $3,000,000.

Southern Sierras Power Co. will start construction shortly on a hydro-electric generating plant on Owens river Gorge in Mono County. The plans will have a capacity of 13,400 horsepower and will produce 36,000,000 k. w. h. annually. Construction is estimated at $500,000.

Glendale, Calif., will vote bonds of $1,600,000 Jan. 8 to finance construction of sanitary sewers, preliminary plans for which have been made by Burns & McDonnell, consulting engineers, Los Angeles.

Alameda county supervisors will call election in May of 1924 to vote bonds of $2,600,000 of which $600,000 will purchase site and $2,000,000 to erect new county courthouse and hall of records building.

Plasterers' Union of Seattle has refused to pay fine of $200, levied by the Building Trades Council for violating rules in striking for $2 a day wage increase.

San Jose city council sells $550,000 bond issue, recently authorized, of which $400,000 will finance construction of sewers and $150,000 to construct bridges within San Jose city limits.

City trustees of Visalia plan to purchase the privately owned water plant and operate the same as a municipal project.

ALONG THE LINE

Commander Carl Carlson, U. S. N., has arrived at Mare Island to assume the duties of head of the Department of Public Works, temporarily held by Lieutenant Commander Roscoe Lee Martin, U. S N. Commander Carlson comes from Honolulu. He was stationed at Mare Island some years ago and is widely known in the East Bay District. Captain Leonard M. Cox, who is reported returning from Washington, D. C., and east coast cities, where he has been representing Vallejo as an idustrial city, formerly had the duty.

Los Angeles has been selected as the 1924 convention city by the American Association of Port Authorities which recently closed its 1923 session at New Orleans. John H. Walsh of the New Orleans Dock Board was elected president for the ensuing year. Vice-presidents are: K. Spencer Smith, Jersey City; G. B Hegardt, Portland, Ore., and T. L. Trembly, Quebec.

Plans to finance the Southern California Edison Company's 1924 electrical development are being completed in Los Angeles. The Board of Directors has already approved a $26,288,000 budget for the coming year. The new budget will bring the amount expended for this purpose since 1918 to $118,000,000

Cyril M. Doane, designer, announces the opening of offices at 275 Post St. San Francisco. Mr. Doane will engage in furniture and fixture designing rendering interior decorating and architecture in addition to specializing in color work for furniture and fabrics.

Frank C. Russell, secretary-manager of the Santa Cruz Chamber of Commerce, has been appointed field manager of the Public Safety Department of the California State Automobile Association.

R. C. Hack, Coeur d'Alene, Idaho county surveyor for Kootenai county has tendered his resignation and plans to come to California to take up his residence.

Reno, Nevada, city council votes to undertake 1924 paving program, involving 731,657 square feet of pavement, costing approximately $182,915.

Sacramento Valley Electrical Society will hold its January 9th meeting at the Vaca-Dixon sub-station of the Pacific Gas & Electric Company.

Capt. J. Thomas Dovey, Seattle engineer, has been appointed district manager for the White Co., manufacturers of the White motor truck, at Seattle.

Henry McCullough, pioneer contractor in the East Bay district, died at his home in Berkeley Way, Dec. 15.

City of Santa Monica has voted bonds of $1,000,000 to finance construction of water distributing system.

ORGANIZATION NEWS

Organizations having n direct connection with the construction industry are invited to submit news for publication in this department.

EXCHANGE PERMIT SYSTEM RULED ILLEGAL

A decree in which they are enjoined from requiring any permit for the purchase of materials or supplies produced without the State and coming here in interstate commerce, or for making as a condition for the issuance of a permit any regulation that will interfere with the free movement of plumbers' supplies, has been issued by Federal Judge Dooling against the Industrial Association of San Francisco, the Builders' Exchange and some forty odd defendants. The decree followed an opinion issued November 9 in which Judge Dooling refused, at the Government's request, to dissolve the association, but in which the defendants were enjoined from carrying on certain of their business in connection with purported violations of the Sherman anti-trust act.

The defendants perpetually are enjoined from:

1. Requiring any permit for the purchase, sale or use of building materials or supplies produced without the state and coming here in interstate or foreign commerce.

2. Making as a condition for the issuance of any permit for the purchase, sale or use of building materials or supplies any regulations that will interfere with the free movement of building materials, plumbers' or other supplies produced without the state.

3. Attempting to prevent or discourage any person without the State of California from shipping building materials or other supplies to any person whatsoever within the State.

4. Aiding, abetting or assisting, directly or indirectly, individually or collectively, others to do any or all of the matters or things herein set forth.

The decree sets forth that jurisdiction of the court is retained and in the event that the defendants do not comply in good faith with the decree the Government is accorded the right to apply for further relief.

Costs of the action thus far are ordered to be paid by the defendants.

SEEK NEW MEMBERS

The Cement Contractors' Association of Los Angeles is preparing for an active campaign for 1924 to extend its membership and to further improve the general standard of cement work. Fifteen of the leading cement contractors of Los Angeles are now enrolled in the association and they do approximately 85 per cent of the high class cement work, it is claimed.

New officers of the association, just elected for the ensuing year, are: Carl Ripling, president; H. K. Koebig, vice-president, secretary and treasurer. These officers and W. A. Clark, Gus Odemar and J. N. Patillo comprise the Board of directors.

ALAMEDA COUNTY EXCHANGE TO ELECT DIRECTORS

The annual meeting and election of directors of the Builders' Exchange of Alameda County will be held in the exchange quarters, 351 Twelfth street, Oakland, December 28.

Immediately following the election the annual Christmas high jinks will be featured, E. W. Shaw, Secretary of the Exchange, announces.

1923 Wage Scale Is Adopted for 1924 by Builders' Exchange

At a regular meeting of the central council of the San Francisco Builders' Exchange, held Wednesday, December 12, 1923, the following preamble and resolutions were adopted:

Whereas, the wage scale laid down for the year 1923 by the Impartial Wage Board for the San Francisco building industry was to remain in force for one year and thereafter until occasion shall arise for its revision, and

Whereas, it is evident that no occasion has arisen for a revision of the wage scale, and therefore as it is self-evident that no change should occur until the occasion does arise, now therefore be it

RESOLVED, by the Central Council of the Builders' Exchange, in regular called meeting assembled, that the wage scale adopted by the Impartial Wage Board, be again adopted and continued for the year 1924 by the San Francisco Builders' Exchange as its standard wage scale, and be it further

RESOLVED, that while this is the standard wage scale for general average skill in the building crafts, variations shall be allowed in individual cases based on those mechanics who possess greatly superior skill, such additional compensation being warranted by the superiority of his output

The only changes made in the wage scale for next year is an increase of 65c per day in the wages of elevator constructors to $8.65, and an increase all around of 50c per day in the wages of truck drivers and teamsters in general, making their wages range from $5 per day to $7.

1924 Schedule

The standard scale effective January 1, 1924, to December 31, 1924, follows:

Crafts	Journeymen	Helpers
Asbestos workers	$ 7.00	.....
Bricklayers	10.00	.....
Bricklayers' hodcarriers	6.50	.....
Cabinet workers, in shop	7 00	.....
Cabinet workers, outside	8.00	.....
Carpenters	8.00	$6.00
Cement finishers	8.60	.....
Electrical workers	8.00	6.00
Electrical fixture hangers	7.00	.....
Elevator constructors	8.65	6.00
Engineers, stationary	7.00	.....
Engineers, traveling crane	7.50	.....
Engineers, on derricks	8.00	.....
Glass workers	8.00	.....
Housemovers	8.00	.....
Housesmiths, architectural iron	7.00	.....
Housesmiths, reinforced concrete	8.00	6.00
Iron workers (bridge and structural) inc. engineers	9.00	.....
Labor, common (6-day wk)	4.50	.....
Laborers, skilled	5.00	.....
Lathers	8.00	.....
Marble setters	8.00	5.50
Marble cutters and copers	7.00	.....
Marble bed rubbers	6.50	.....
Marble polishers&finishers	6.00	.....
Millmen, planing mill dept	7.00	.....
Millmen, sash and door	6.00	.....
Millwrights	8.00	.....
Model makers	9.00	.....
Model casters	7.50	.....
Mosaic and terrazzo wkrs.	7.50	5.50
Painters	8.00	6.00
Painters, varnishers and polishers (shop)	7.00	.....
Painters, varnishers and polishers (outside)	8.00	.....
Pile drivers & wharf builders, including engineers	8.00	.....
Plasterers	10.00	.....
Plasterers' hodcarriers	7.00	.....
Plumbers	9 00	.....
Roofers, composition	8.00	.....
Sheet metal workers	8.50	6.00
Sprinkler fitters	7.20	.....
Steamfitters	9.00	.....
Stair builders	8.00	.....
Stone cutters, soft and granite	8.00	.....
Stone setters, soft and granite	8.50	.....
Stone carvers	8.00	.....
Stone derrickmen	8.00	.....
Tile setters	8.50	5.50
Auto truck drivers—Less than 2500 pounds	5.50	.....
Auto truck drivers—2500 pounds to 4500 pounds	6.00	.....
Auto truck drivers—4500 pounds to 6500 pounds	6.50	.....
Auto truck drivers—6500 pounds and over	7.00	.....
General teamsters—1 horse	5.50	.....
Gen. teamsters—2 horses	6.00	.....
Gen. teamsters—4 horses	6.50	.....
Plow teamsters—4 horses	6.50	.....
Scraper teamsters—2 and 4 horses	6.00	.....

EXCHANGES PICK FEBRUARY FOR MEETING

As February is the month when building activity is usually at ebb tide, permitting contractors to get away, it has been chosen as the time for the annual convention of the National Association of Builders' Exchanges to be held Feburary 4-7, 1924, at Reading, Pennsylvania. Preparations indicate that this will be the largest convention ever staged by the National association.

SHINGLE MEN ELECT

At the concluding session of the seventh annual Red Cedar Shingle congress held in Seattle, A. J. Morley, head of the Saginaw Timber Company of Aberdeen, was elected president. Other officers chosen were P. R. Smith of Seattle, vice president; R. S Whiting of Chicago, secretary-manager, and A. Bevan of Seattle, treasurer.

CAST STONE MEN ORGANIZE

Manufacturers of cast stone operating in Portland, Seattle, Everett and Spokane, have formed the Pacific Coast Stone Products Association. The objects of the association, as outlined, is to make a research and inspection of materials used in the manufacture of concrete units, and to improve their quality through open discussion.

BAKERSFIELD BUILDERS MEET

The Bakersfield Builders' Exchange on December 12 held a dinner and general business meeting in the St. Francis Cafe, that city. Fred Gribble, president of the exchange presided. Speakers included Alex Minnie, L. B. Sibley, C. Hock and D. B. Farquharson of the San Francisco Builders' Exchange.

(Continued on Page 9)

APARTMENT FOUNDATION IS 45 FEET WIDE

What is probably the most unusual foundation construction work in Greater New York apartment houses has just been completed at Grace Court Chambers, Brooklyn Heights, a large apartment house.

The apartment house is being erected on a level 50 feet above Furman street, Brooklyn, on the site of the old Packer homestead and overlooking the Manhattan skyline and New York harbor. There had never been a building of any magnitude on this site and it was necessary for the builders to reinforce the earth by stone walls of greatest depth and thickness nearest to the river.

This necessitated building foundations 30 feet deep. There were made of heavy building stone, are wider at the bottom than at the top, and, at the bottom, reach a width of 15 feet. The plan called for consruction of about 80,000 cubic feet of masonry, all of which is concealed.

Probably the most notable feature of the work is the speed with which it was accomplished. When the engineers and architects first planned the project it was thought that six or eight months would be required for the foundation construction below the surface of the ground, but it was completed entirely within four months.

SUTTER COUNTY SURVEYOR LOSES SALARY FIGHT

William Shearer, county surveyor of Sutter county, has lost his mandamus suit brought against County Auditor H. C. Flanery to collect his salary. Judgment handed down by Superior Judge K. S. Mahon declares Shearer is not legally entitled to receive the salary fixed by the last legislature, but that he must continue to work for the smaller salary that was being paid when he assumed the duties of the office. The legislature several years ago created the office of highway engineer. The surveyor was being paid $75 a month and after the highway engineer act was killed that salary continued. An act of the last legislature intended to straighten out inaccuracies in the law added $100 to the salary.

On account of the increase, County Auditor H. C. Flanery refused to pass the salary claim and a mandaums suit was filed.

The decision of Judge Mahon declares the new law will not take effect until after the next election for a county surveyor and the $75 a month will be the salary up to that time.

NOVEMBER CEMENT PRODUCTION EXCEEDS DEMAND

Production of portland cement in November was 12,600,000 barrels, an increase of 11% over November 1922, according to the latest bulletin issued by the United States Geological Survey. For the eleven months ending November 30, production was nearly 127,000,000 barrels or 12% more than ever before for a similar period.

A seasonal falling off is shown in shipments for the month, the movement from the mills being 10,251,000 barrels. Shipments for the eleven months' period exceeded 129,000,000 barrels, an increase of more than 17,000,000 over the corresponding period of 1922, the best previous record.

Nothwithstanding the remarkable demand experienced this year, production has been relatively greater and stocks of finished cement in manufacturers' hands on November 30 were nearly 7,000,000, an increase of 30% over last year.

Presidential Year Does Not Cause Business Depression—Davey

The generally accepted conviction that a presidential year means poor business is characterized as "false and foolish' by Congressman Martin L. Davey of Ohio, in an article on "Why Fear a Presidential Year?" in the current number of The Nation's Business.

Mr. Davey, who writes as a business man rather than a member of Congress, declares that when business was below normal in past presidential years this condition was due to some underlying economic cause and not to the fact that a president was to be elected. Since 1880, according to Congressman Davey, there have been five lean presidential years and five fat years. The last presidential year, 1920, had six months of good and six months of poor business.

Congressman Davey predicts that "unless a majority of us get the foolish notion that business is bound to be bad in a presidential year," 1924 should be a period of substantially normal business conditions.

"The most serious recent depression," he writes, "was early in 1921. It was estimated that there were five million people out of work. There are probably not less than twenty-five million people in this country who have regular employment of one kind or another; so this worst period of business depression saw not more than 20 per cent of the people out of work, thus largely stripped of their buying power. It might be argued, then, that the difference between peak prosperity and this more serious depression was not more than 20 per cent.

"By the same precess of reasoning, it would seem that the difference between ordinary prosperity and ordinary depression is not over 10 or 15 per cent.

"The demand of the American people, even in periods of depression, are so enormous that they stagger the imagination. What we call prosperity would appear to be the extra 10 or 15 per cent demand above that of a period of depression.

"Therefore, if the American people in a period of depression could by any sudden change in thinking be induced to buy 10 or 15 per cent more, we would forthwith enter a period of prosperity automatically. On the other hand, it the American people in a period of ordinary prosperity should begin to buy 10 or 15 per cent less, we would have a period of depression automatically."

In reviewing the business history of presidential years during the last half century, Congressman Davey writes: "Business was bad in the last half of 1920—yes, that was a presidential year—but business became worse and worse after the election and reached its lowest level about the middle of 1921. There was a very slow recovery from that time until the spring of 1922. Doesn't this seem, then, that it was not the election of 1920, that caused bad business, because conditions became worse after the election? That depression was due to underlying economic causes.

"The year 1916 was also a presidential one. The chart shows that in that year business was between 10 and 20 per cent above normal. Why did we have prosperity in 1916?. Simply because the demands of the war were so insistent and widespread that even a blind man could see it. Everybody forgot about the effect on business of a presidential year, and we prospered during that year because the economic conditions were right.

"We had an election in 1912. In the preceding year business was a little below normal, but in 1912 business ran from 5 to 10 per cent above normal.'

"Go back then to 1908, which was also a presidential year. In the fall of 1907 we had, as most of us recall, bad times which continued until about the middle of 1908, when business started on the upgrade again. It started up several months before the election.

"There bad been depression in the latter half of 1903, and then followed the election year of 1904, during which business was generally on the upgrade, although there was a slight reaction about the middle of 1904. It did not go back as far as the depression of 1903, and it continued steadily upward from the middle of 1904 for a period of about three years. In other words business in 1904 apparently ignored the election altogether.

"Then we came to the presidential year of 1900. In the beginning of that year business was above normal. It continued steadily but moderately downward to about 5 per cent below normal the first of 1901, and then moved up to about 5 per cent above normal by the middle of that year. The trend of business in 1900 apparently proceeded without the slightest regard for the election.

"In 1896 the business interests of the country were more or less alarmed by the free silver campaign and this probably had some direct bearing upon the volume of business, because there was a slight upward tendency which followed immediately after the election of that year.

"According to the chart, business had slumped to below normal by the fall of 1896. Although there was a slight upward tendency after the election of that year, business was still about 12 or 13 per cent below normal by the middle of 1897, and continued below normal until the beginning of 1899.

"We go back four years more and the chart shows the business of 1892, another presidential year, running about 10 per cent above normal, and it continued about 10 per cent above normal until the middle of 1893.

"The year 1888 began a little below normal. By June of that year it was about 8 per cent below normal. From that point it moved steadily upward until it reached about 8 per cent above normal near the end of the year. In other words, the business movement seemed to ignore the presidential election completely.

"In the year 1884 there is an interesting situation. Business had started downward the latter part of 1883. By the beginning of 1884 it was 10 per cent below normal, but it came back a little up until the middle of the year, and then continued steadily downward until it reached nearly 20 per cent below normal by the middle of 1885. The downward trend of 1884 continued.

"In 1880 business was approximately 10 per cent above normal. It reached very slightly from this high point up to about the middle of the year, and went up slightly after the first of the following year, but the business of the year 1880 was all above normal and averaged about 10 per cent above.

"With the exception of the unprecedented year of 1920 there have been five presidential years since 1880 when business was above normal and five presidential years when business was below normal. In all of these subnormal years except 1896 the business trend continued upward or downward

right through the period of the election.

"Business in the year 1924 may be below normal; but if so, it will not be because a President is to be elected. It might be a year of real prosperity, but not because it is presidential year."

TRADE NAME PRIZE AWARDS ARE ANNOUNCED

Frank W. Brittain, constructing engineer for the Great Western Power Co., San Francisco, was awarded first prize in the contest of the Pratt Building Material Company for a commercial name for his crushed rock. The prize awarded Mr. Brittain is $100 worth of 7% cumulative preferred stock in the Pratt Rock & Gravel Company.

Other prize awards follow: L. A. Mini, Sacramento, $50 worth of common stock; Jos. Odgers, advertising manager of Building & Engineering News, $50 carload of crushed rock or gravel; Chas. E. Jerrett, Georgetown, Calif., $35 carload of sand and Mrs Camille Manville, cashier for Building & Engineering News, a traffic book valued at $15.

EXAMINATION FOR HIGHWAY ENGINEER ANNOUNCED

The California State Civil Service Commission announces an examination will be held shortly for the position of highway engineer, grade 6. The entrance salary is $360 a month with prospects of increase to $420 a month.

Duties of the position are, under general direction: (1) to have responsible charge of, and to initiate and execute policies for a major subdivision of a highway engineering organization; (2) to prepare for final executive action reports, estimates, specifications, designs, and other data; (3) to have charge of the construction, inspection, maintenance and operation of highway engineering works of major importance; (4) to conduct or to direct major lines of highway engineering research; (5) to furnish for executive action expert or critical advice on highway engineering works, projects, or policies; (6) to act as a special adviser on highway engineering problems; (7) to perform other related work.

The minimum requirements for admission to the examination are:

(a) Not less than eight years of general engineering experience, of which at least four years must have been in the direction or performance of important highway engineering work; together with performance of important highway engineering work; together with

(b) Either graduation with a degree from an institution of recognized standing with major work in engineering, preferably in civil engineering, or at least four years of additional engineering experience.

Candidates must also possess large executive capacity and demonstrated ability and experience in the administration of highway engineering work of a high order.

The written examination, which will be non-assembled, will consist of a thesis on a subject to be assigned later.

Applicants for the examination must file applications with the commission before January 12. Blanks may be obtained from the Commission office in the Forum Bldg., Sacramento, the State Bldg., in San Francisco and the following State Free Employment Agencies: 771 Howard St., and Pacific Bldg., San Francisco; 176 S-Market St., San Jose; 35 N-Center St., Stockton; 401 Tenth St, Oakland; 916 H St., Fresno; 206 Court St., Los Angeles; Tajo Bldg., Los Angeles.

Youth Shies at Manual Labor—Cause for Building Labor Shortage

Shortage of apprentices in the building trades is not due to American youths shying at manual labor, according to E. L. Bowman, educational director, national trade extension bureau, plumbing and heating industries. Reports throughout the country show the number of apprenticeship applicants exceeds facilities for training.

A survey of the American Contractor, has shown two popular misconceptions as to causes for shortage of building craftsmen. They are:

1. "White-collar" jobs are more popular.

2 Union leaders who profit by shortage of skilled craftsmen bar the necessary apprentices.

Employers are largely to blame for present unbalanced conditions, union experts claim.

"Boys enter the period of apprenticeship expecting to receive training and experince to make them competent workmen," Bowman declared. "When they find they are to be used as cheap ditch-diggers, stock clerks or truck drivers, they drift away. Of the total number of boys entering into apprenticeship, only one in eight works into his trade."

Bowman's observations are said to be substantiated by experience in Chicago, Philadelphia and San Francisco, where experts from civic organizations have made surveys.

Led by the National Association of Master Plumbers, most of the building branches have organized to remedy the situation The following program has been adopted:

1. Appointment of an educational director to supervise apprentices in each industry.

2. Publication of text books under supervision of trade experts.

3. Requirements of three months' prevocational training in public schools.

4. Required night school attendance during the second and third years of apprenticeship.

A campaign against the manner of vocational instruction in some public schools will also be conducted by the craftsmen. It is asserted that many vocational courses in high schools are taught by women and there is much "misteaching."

Improvement Noted in Common Brick Industry—Production is Low

"There are unmistakable indications that the common brick industry of America is taking on a new lease of life. These indications have been apparent for several months past and are so consistent in their trend that it is safe today to say that this business is assuming a businesslike mien and a prosperity that it has not known before," states the "Monthly Digest" prepared by the Common Brick Manufacturers' Association of America.

"This, of course," the survey continues, "applies to the industry in the United States. There are some brick manufacturers who will say that it applies to only a part of the country because they have not yet sensed this rivival. But it is not a sectional improvement; it certainly is a substantial, inherent betterment which will spread to all plants. In the limited sections of the country where there is no marked improvement it is due to local conditions that are holding building operations. Wherever building is being done there is increased demand for brick that is giving existing plants practically a capacity market.

"The messabe of this association to the common brick manufacturers of America is to stress the need for efficiency in their plants, intensifying of sales effort and expansion of capacity as rapidly as the market will permit. The United States is going to use more brick during the next five years than it ever consumed in a like period. The men now in the business who have, in many cases, given nearly a lifetime to the industry, should be the men to meet this situation. The one danger confronting them is that they will not respond quickly enough to this increasing demand.

"In some centers today builders are forced to use substitutes for brick because the manufacturers have not kept pace with the market. There comes into the market a variety of makeshifts in the form of a brick, but made out of any inexpensive material from cinders to sawdust."

NEW PACIFIC HIGHWAY MAPS

Up to date strip road maps of the Pacific Highway from the California line to the Canadian border will be published by the California State Automobile Association before the beginning of the touring season next spring, according to James E. Johnson, chief engineer of the Association who recently returned from a logging trip through Washington and Oregon.

A staff of draftsmen will start to work at once incorporating the data obtained by Johnson into strip maps of the Pacific Highway. These maps will give the motorist detailed information on this highway which is expected to attract much tourist travel next year. The maps will be copyrighted and published by the Touring Bureau of the Automobile Association. The Automobile Club formerly relied on maps published by Washington and Oregon automobile clubs for directing tourists over the Pacific Highway.

FIRE WASTE CONTEST

Encouraged by the remarkable interest being manifested in fire prevention by chambers of commerce and civic organizations, the Insurance Department of the Chamber of Commerce of the United States and the Contest Campaign Committee of the National Fire Waste Council are making preparations for the 1924 Inter-Chamber Fire Waste Contest. As a result of the 1923 Contest, 85 organizations have been added to the 124 which previously were active in the reduction of fire waste.

An important meeting of the Contest Campaign Committee will be held in the New York Office of the National Chamber today (Dec. 19). The Committee will discuss this year's experience and formulate plans for 1924 Concrete accomplishments which have been reported by local chambers will also be reviewed.

TRADE NOTES

Protecto Paint Products Co., is planning the erection of a three-story factory building in 65th St., bet. San Pablo avenue and Vallejo St., Oakland. Three 36-inch mills and three 24-inch mills, giving the plant a daily capacity of 1600 gallons, will be installed. A varnish department with a daily capacity of 400 gallons is also contemplated. The plant will turn out paints and varnishes for master painters, paint specialists for industrial trade, technical products for engineering and industrial purposes, and various kinds of fire resisting and waterproofing paints. Officers of the company are: Chas. H. Gifford, president; Ralph W. Buchanan, secretary; Harry McManus, vice-president and Frederick Clark, general superintendent.

Crocker Electric Products Co., capitalized at $500,000, has been incorporated at Woodland, Calif., to manufacture and test batteries together with a number of electrical testing appliances. Directors are: W. J. Crocker, Blanche Crocker, Fred Springer, T. E. Brown and Neal Chalmers.

Pawling & Harnischfeger of Milwaukee has been awarded contract to furnish bridge cranes, transfer cranes, cars and part of mono-rail system to be used in handling lumber in the West fir unit of the Long-Bell Company plant at Longview, Wash.

The American Liquid Metre Co., manufacturing the Bassler liquid measuring apparatus, recently incorporated, has purchased a site at Alhambra, Cal., and will erect a $100,000 plant to manufacture the product.

Messrs. Hooper and Smith, Los Angeles, for some years past engaged in the wholesale lumber business, have dissolved partnershop, effective Dec. 31. Both gentlemen will continue in business individually.

Guadalupe Portland Cement Co., which plans to establish a cement plant at Guadalupe, Santa Clara County, has opened offices at 217 Growers' Bank Bldg., San Jose. It is proposed to have the plant in operation early in 1924.

John Bucelen, George Brewer and Louis Mickleson have organized the Tacoma Tile & Brick Co. at Tacoma, Wash., to manufacture clay products. Company is capitalized at $50,000.

The Western Lumber & Export Co., Cottage Grove, Ore., is in the hands of a receiver. The Standard Lumber Company of Deer Park, Wash., is also in the hands of a receiver.

M. Greenberg's Sons, brass foundry and machine, plating and pattern works have moved to new quarters at 765 Folsom street, San Francisco.

Arthur B. Lakey has been transferred from the San Francisco office of the Kingsbury Machine Works to their Philadelphia office.

The Superior Garbage Incinerator Co. of Texas has filed a certified copy of articles of incorporation with the Secretary of State at Sacramento.

Superior Magnesite Corporation of Los Angeles has been incorporated with a capital stock of $750,000.

Glendale Rock Co., of Glendale, has been organized with a capital stock of $300,000.

Public Utilities of State Generating 1,000,000 Horsepower

The importance of California in the field of electric development is indicated by the fact that the total generating capacity of the public utilities of this state is now close to 1,000,000 horsepower. The annual growth, which for several years has averaged 8 per cent, demands the construction very year of the equivalent of one power plant that but a few years ago would have been considered by record breaking size.

These facts are brought out in the annual report of the Gas & Electrical Division of the Engineering Department of the Railroad Commission. The following review of important electric development work in California during the fiscal year 1922-23 is given in this report:

In keeping pace with this increased demand for electricity, the electric utilities of the state have made substantial additions to their generating capacity. Pacific Gas & Electric Company placed in operation during the fiscal year its Pit River No. plant of approximately 80,000 horsepower capacity the San Joaquin Light & Power Corporation installed an additional unit of 20,000 horsepower in its natural gas-burning steam plant in the Midway oil fields, and the California-Oregon Power Company added a 15,000 horse-power generator to its Capco hydro-electric plant. Looking to the future, San Joaquin Light & Power Corporation has commenced preliminary survey and road work in connection with a development on the Kings River; Pacific Gas & Electric Company is actively engaged in tunnel work in its Pitt River No. 3 development of 100,000 horsepower; the Great Western Power Company is preparing for the installation, early in 1924, of a 30,000 horsepower unit in its Caribou plant; Western States Gas & Electric Company is continuing work on its American River development, and Southern California Edison Company is carrying out work which will bring in about 125,000 horsepower of additional capacity in its Big Creek development before the close of the present calendar year.

During the last fiscal year important achievements in the transmission of high voltage over long distances were accomplished by a number of California companies. Southern California Edison Company has been actively engaged in the reconstruction of its Big Creek transmission system for operation at 220,000 volts, and is being operated at such a voltage with better success than was met in the early operation of lines of 1/5 this voltage.

Pacific Gas & Electric Company achieved the transmission of energy generated on its Pit River project, a distance of 250 miles to the nearest available market, at the same time there have been extensions of the inter-connected transmission system which now covers California and reaches into adjoining states.

$60,000,000 Tunnel Project Authorized By R. R. Commission

Acting in conformity with the resolution of the City Council of Los Angeles the State Railroad Commission has granted permission to Pacific Electric Railway Company and ordered and directed that company to construct and maintain a tunnel and operate trains therein from its Hill Street Station to Glendale Boulevard.

The railway company is ordered to commence construction of the tunnel within sixty days from the date of the commission's order and to complete the same by March 1, 1925, unless granted an extension of time for good cause. The company is also directed to file monthly reports during construction and the commission reserves the right to make such further orders relative to its construction operation and maintenance as it may deem proper.

Construction of the proposed tunnel from Hill Street Station at an estimated cost of $3,000,000 for construction of tunnel and terminal facilities and rights of way is ordered by the commission after an exhaustive investigation as to the advisability of locating the terminal under Pershing Square rather than at the Hill Street Station.

The Board of Engineers appointed to recommend the location of the terminal having failed to agree and the chief engineer of the Board of Public Utilities having reported to the commission that there is little hope of such an agreement and having recommended construction of the tunnel along the plans originally proposed in order to avoid delay of relief of present traffic conditions pending determination of possible use of Pershing Square as subway terminal.

The Los Angeles City Council also urged abandonment of plan to use Pershing Square and preceeding along lines of original plan using Hill Street Station as terminal the commission held it futile to consider Pershing Square site at this time. It pointed out however that Pershing Square site could be used under future plan at estimated cost of company of $1,160,000 additional. The order is effective ten days from December 13th, 1923.

GENERAL INCREASES NOTED IN LUMBER TRADE

A further increase in the lumber movement of the country is indicated in reports received by the National Lumber Manufacturers' Association from 386 of the largest commercial saw mills of the country, as compared with revised reports from 389 mills of the preceding week. There was an increase of 5,016,482 feet in production; shipments increased 3,298,724 feet and others (new business) increased 6,221,-976 feet. The 131 reporting mills of the West Coast Lumbermen's Association and the 135 reporting mills of the Southern Pine Association show an increase in unfilled orders on hand from 618,114,654 feet of the preceding week to 632,000,676 feet for the week of November 24.

For all the mills of the seven reporting associations, shipments were 93 per cent and orders 88 per cent of production. For Southern Pine Association mills these percentages were 91 and 84, and for the West Coast mills 92 and 94. Most of the mills have a normal production for the week, according to which actual production was 108 per cent, shipments 97 per cent and orders 92 per cent.

Newspaper Ass'n Membership, No. 6424

INFLUENCE OF SURFACE ON POWER REQUIRED

That the surface of the road has much to do with the amount of effort required to move a wheeled vehicle and to keep it moving is well known; just what these various efforts are has been determined by a series of experiments conducted by the Horse Owners Association of America, by means of a testing apparatus invented by Mr. E. V. Collins, of the State Agricultural College, at Ames, Iowa.

According to these experiments, a given load of 7,700 pounds was started by a team of horses on a level brick surface by a 200 pounds pull while the same load on an asphalt surface required 300 pounds pull and a good cinder and dirt surface needed 520 pounds pull. A concrete road allowed the team to start the load with a pull of 125 pounds.

The experiments further demonstrated that the "character" of the horse involved has something to do with the ability of a team to pull a load, since a small team of bronchos, weighing nearly five hundred pounds less than other teams of larger horses, were able, apparently through gameness, to start and pull larger loads than their competitors.

WHAT BECOME OF THE LICENSE FEES?

Forty-eight states collected $152,367,023 in 1922 as receipts from automobile license fees. The cost of collection, the cost of the plates themselves, and other expenses was less than four million dollars, so that a total of $148,750,000 was left as the net receipts to be spent on highways.

This sum is divided into appropriations for State highway departments, 16 millions; Federal aid funds, 34 millions; maintenance of Federal aid roads, 32 millions; construction of other than Federal aid roads, 6½ millions; maintenance of other than Federal aid roads, 21½ millions; and given as aid to counties, 25½ millions.

New Hampshire collects the largest revenue per individual car or truck, getting an average of $25.73 each, while Arizona is easiest upon car owners from the license standpoint obtaining but $5.69 each.

NO PUBLIC BUILDING LAW

President Coolidge does not favor a public building law. In regard to public buildings his message says:

"Many of the departments in Washington need better housing facilities Some are so crowded that their work is impeded, others are so scattered that they lose their identity. While I do not favor at this time a general public building law, I believe it is now necessary, in accordance with plans already sanctioned for a unified and orderly system for the development of this city, to begin the carrying out of those plans by authorizing the erection of three or four buildings most urgently needed by an annual appropriation of $5,000,000."

IDAHO'S ROADS

Idaho has 3587 miles of surfaced highway, slightly less than 1 per cent of the total for the United States, according to a bulletin of the U. S. Bureau of Public Roads, which places the total for the country at 422,824 miles. These figures were for January 1, 1923, 35,360 miles being constructed in 1922.

At the beginning of 1922 Idaho had 2982 miles of surfaced highway, and during that year 615 miles were added. Surfaced highways include sand-clay, gravel, macadam and pavement.

The total road mileage of the country, exclusive of cities and towns, is 2,940,378 miles, of which 31,099 miles are in Idaho.

ROAD MACHINERY CATALOGUES WANTED IN RIGA

Catalogues of road making and repairing machinery from American manufacturers are desired by Trade Commissioner C. J. Mayer, who is stationed at Riga, Latvia. Interested manufacturers are requested to send duplicate copies of their catalogues to the Industrial Machinery Division, room 815, Bureau of Foreign and Domestic Commerce, Washington, D. C., marked, "For transmission to Trade Commissioner, Riga, Latvia."

ORGANIZATION NEWS

(Continued from Page 5)

SOUTHERN CALIFORNIA ARCHITECTS ELECT OFICERS

Reginald D. Johnson was elected president of the Southern California Chapter of the American Institute of Architects at the Dec. 11 meeting. Other officers elected were: A. M. Edelman, vice-president; David J. Witmer, secretary; A. C. Zimmerman, treasurer, and D. C. Allison, member of board of directors. The new officers will be installed at the January meeting by the retiring president, Sumner P. Hunt.

For delegates to the annual national convention of the Institute, the following members were elected. A. M. Edelman, Myron Hunt, Sumner P. Hunt, D. C. Allison, J. E. Stanton, John Parkinson, C. E. Noerenberg and Carleton M. Winslow. It is anticipated that the Chapter will be entitled to ten delegates, the president and secretary being ex-officio members of the delegation. As alternate delegates the following were selected: Edgar H. Cline, Fitch Haskell, Templeton Johnson, Alfred W. Rea, Wm. Richards, Windsor Soule, Sumner M. Spaulding and A. C. Zimmerman.

On recommendation of the committee on education, it was decided to hold an architectural exhibition next year. In order to curtail the quantity of material to be displayed, the exhibition will be confined to residential work and to the work receiving the medal awards for the most architectural merit. Each member of the Chapter will be restricted to the proper presentation of two residential subjects. In making the medal awards, the work of any licensed architect will be eligible for consideration.

Also on recommendation of the committee on education and to stimulate interest in the fine arts, the Chapter voted to offer a prize to the student obtaining the highest average in the College of Architecture of the University of Southern California for the past year, and also a prize to the members of the Atelier class of the Los Angeles Architectural Club whose work was judged to be most meritorious.

B. C. ARCHITECTS ELECT

S. M. Eveleigh, who has already served for one year as president of the Architectural Institute of British Columbia, was re-elected at a recent meeting at Vancouver, B. C.

Comparatively few changes in the personnel of the council of the institute were made at the annual session. Prof. E. G. Matheson, of the University of British Columbia faculty, who is the provincial government appointee on the council, tendered his resignation owing to the increasing demands on his time made by university duties. Architect A. L. Mercer, the first president of the institute, who has served on the council for the past year, also resigned, but was elected to the post of honorary treasurer.

In place of the latter the institute elected Architect James A. Benzie, while Prof. Matheson's place is to be filled later by a government appointee in compliance with the provisions of the institute's act of incorporation. Architect F. L. Townley who has filled the post of registrar ever since the incorporation of the institute, was again returned unopposed. The council now consists of the president and Architects G. L. T. Sharp and Jas. A. Benzie, of Vancouver; J. C. M. Keith of Victoria, and one to be named later by the government.

WAGE RAISE CONSIDERED

Carpenters of Reno, Nevada, have asked for a wage scale of nine dollars a day and according to statements made by several members of their body the new scale will be allowed by the contractors, although negotiations between the conference committees are still in progress. The present scale is $8.60 a dey and was arrived at last year following a strike that lasted for several weeks and which seriously interdupted construction projects under way and contemplated.

The carpenters have been contending for higher wages for several years upon the ground that the plumbers, painters and some of the other building crafts are receiving a scale higher than theirs and that all should be classed together for the reason that their working period is seasonal and not continuous.

ELECTRICAL LEAGUE PLAYS SANTA FOR KIDDIES

Members of the San Francisco Electrical League and their friends entertained 100 orphans of the Associated Charities in the Palace Hotel last Monday.

Arthur Elkins, secretary of the Electrical Association, was Santa Claus and he presided over the great big Christmas tree, which was bright with lights and loaded down with presents. Over 600 members and their wifes were there, a happy crowd which put the program for the kiddies over with a bang from start to finish. Victor Lemoge, president of the league presided.

WASHINGTON STATE ARCHITECTS ELECT OFFICERS

Harry H James was elected president of the Washington State Society of Architects, at the eighth annual meeting held in Seattle Dec. 6. Mr. James succeeds Julius Zittel of Spokans. Other officers elected were: First vice-president, Wm. J. Jones; second vice-president, Edgar Blair; third vice-president, T. F. Doan; fourth vice-president, Vernon Watson. Edgar Blair was elected a member of the Board of Trustees to serve four years. Emil Guenther was chosen secretary-treasurer of the society.

NOVEMBER BUILDING TOTALS IN LOS ANGELES TOTALS $13,512,042

The Los Angeles city building department reports the issuance of 5595 permits during the month of November, just closed, the estimated value of the improvements being $13,512,042. The total is approximately $7,000,000 less than that for October, which produced the third largest monthly total for the year. For November 1922, the number of permits was 4614 and the estimated valuation, $11,355,710. No month of 1923 has shown a decrease compared with the same month of 1922, and only two months, January and February, have fallen below the peak monthly total for 1922.

The record for the year to Dec. 1 and for 1922 by months is as follows:

	1923	1922
January	$11,258,515	$ 7,975,188
February	12,080,310	7,579,798
March	21,196,087	10,954,820
April	15,352,944	12,950,686
May	18,926,881	9,327,504
June	15,074,446	10,652,265
July	15,083,273	8,064,018
August	22,249,262	11,523,891
September	14,099,353	10,267,894
October	20,541,872	11,580,427
November	13,512,042	11,355,710
December	.....	8,955,597

The total for 11 months of 1923 is $173,374,987, an increase of $67,123,797 over the corresponding period last year. It is certain that the total for 1923 will exceed $190,000,000 with a probability that it may be close to $200,000,000.

A FARMER'S PROFIT ON ROAD BUILDING

A land owner in a Southern State had a large property of many acres, a beautiful house, and a big peach orchard in bearing. Family circumstances made it necessary for him to sell his property, which was valued about a hundred thousand dollars. Putting it in the hands of some able real estate men, the property owner received several calls from prospective purchasers. He met these purchasers at the railroad station, motored them six miles over a good State road, and half a mile over a very rough and bumpy dirt road to his house.

None of them purchased.

Acting on the advice of one of the real estate men, the owner spent five thousand dollars and made that last half mile as good as the State road. The property was sold at a price which included the cost of the road, plus a profit on the road, within one month of its completion!

What happens in one case will happen in another. A good road greatly increases the value of all adjacent realty, especially farms.

R. R. TO IMPROVE LONG BEACH HARBOR

The city of Long Beach has accepted the proposition of the Union Pacific Railroad Company to finance the deepening of that portion of the channel connecting Los Angeles and Long Beach harbors lying within the boundaries of Long Beach at a cost not to exceed $125,000. The channel is to be dredged to a depth of 32 feet, below mean low water, with a uniform width of 200 feet at the bottom. Material dredged from the channel is to be used to fill in tide lands, title to which has been in despute between the city and the Union Pacific. All claims to title in these lands is to be relinquished by the city. This agreement opens the way for the establishment at Long Beach harbor of a big plant which is being promoted by Utah and Long Beach interests, backed by the Union Pacific.

L. A. BUILDING DECLINE

That building is more active than at this period last year in practically all of the Pacific coast cities with the exception of Los Angeles, is evident from an analysis of the official reports from forty-seven cities comprised in the recent survey of S. W. Straus & Co.

The total of November permits for new construction in these cities exclusive of Los Angeles, shows but a nine per cent reduction from October, while the seasonal reduction of 1922 was nineteen per cent, both exclusive of and including the Los Angeles figures.

In California the seasonal reduction in November activity was but five per cent, exclusive of Los Angeles, and in many of the cities an increase of November over October is noted, including San Francisco, Pasadena, Santa Monica, Glendale, Compton and Beverly Hills. While the seasonal reduction in the northwest was approximately twenty per cent a few of the smaller cities report an increase and in the Inter-mountain states the reduction is but four per cent while Reno, Ogden, Salt Lake City and Tucson report increases.

SACRAMENTO CREATES CITY ARCHITECT'S OFFICE

The Sacramento city council by a vote of six to three adopted an ordinance creating a Division of Architecture and providing for the appointment of a city architect.

The measure is designed to vest in the city manager the power to proceed with plans for the construction of the $700,000 civic auditorium, for which bonds were voted last May.

The ordinance places the division of architecture in the engineering department, where the city manager will have control over the selection of the architect. Nothing is said in the ordinance as to whether it shall be a full or a part time position.

CANADIAN BUILDING

Contracts awarded in Canada during November, according to Maclean Building Reports, Ltd., had value of $15,632,200, against $30,078,100 in October, and $21,453,900 in November, 1922. For 11 months of 1923, total was $292,746,800, as compared with $259,371,400 for the same period of 1922, increase 12.8 per cent. Analysing these figures it is seen that residential building fell off by 6.6 per cent, though it continues to lead the list; business building was up 3.4 per cent; industrial building, up 12.4 per cent, and public works, up 53.1 per cent.

EXCHEQUER DAM PROPOSALS ARE REJECTED

The Merced Irrigation District has rejected bids to construct the Jorgensen Constant Angle Type of dam at Exchequer and will ask bids in the near future for a dam of the gravity arch type similar to that constructed at Don Pedro.

State Engineer W. F. McClure has already approved the drawings for the gravity arch dam which will be between 310 and 320 feet high and will contain, according to present estimates, 380,000 cubic yards of concrete.

FEDERAL RECLAMATION BRANDED ENGINEERING EXPERIMENT

That federal reclamation has never been treated primarily as an agricultural business but as an "engineering experiment," that the chief engineers of the service are responsible for this condition, and that proper adjustments much be made at once with the settlers by the United States government, are outstanding features of a special report which Secretary Work of the interior department has made to the fact-finding commission recently appreclamation service. Accompanying the report of Secretary Work is a tabular statement, showing the financial condition and progress of each project. The report will be supplemented by other data and recommendations, to be filed by the secretary, as the investigation of the commission advances.

Speaking of the inquiry now under way the secretary says:

"This intensive study of reclamation as a business is the first ever made. It should have been made ten years ago. Agriculture, the only source for the return of the money expended by the government running into some $141,000,000, has not been treated as essential to reclamation nor its development encouraged as it should have been. Now, with the exact conditions revealed within the projects the framing of a new policy becomes a pressing necessity or other projects will follow those alrady abandoned"

Secretary Work also states that through an advisory committee of experts he has stated the formation of a plan for making adjustments beteen the government and projects

He says that be believes in reclamation as a conception and confidently expects to see it take its proper place in the picture of the West, now that it is being reorganized as a farming activity of the government rather than an experimental engineering venture.

"The reclamation service of the government," he concluded, "has had but two drectors in its history of twenty-one years' service. They have erected their own monuments and the different projects are writing the inscriptions for them."

KOEHRING COMPANY ISSUES ILLUMINATED POSTER

An artistic illuminated poster, framed, having as its subject the "concrete road," has been issued as a holiday souvenir by the Koehring Company of Milwaukee, Wis., manufacturers of pavers, mixers, cranes, draglines and power shovels. The inscription on the poster, written by B. K. Burns, is as follows: "I am a concrete road—a thoroughfare of human endeavor. In the years to come no man can say where I begin and where I end—I shall go everywhere and come back again. I bring the bounty of the soil to the canyons of the city, and take back to the countryside the reward of effort—a livelier joy in life, a more progressive standard of living—and I bring the dweller of the city back to the forgotten flowers of the field, to sweeping green fields and arching blue sky. By my side spring up prosperous churches and schools, and better homes. I lead humanity over the hills to a new age—the age of co-operation, understanding, helpfulness. I shall conquer the waste places, bringing security, comfort, ideals to the remote places of the world. I shall clip the wings of time that he shall not fly so fast I shall; annihilate wastefulness that there shall be plenty. I shall be the burden bearer of humanity—that the rewards of life shall be greater and its labors less."

Building News Section

APARTMENTS

Contract Awarded.
APT BLDGS. Cost, $10,000 each
SAN FRANCISCO, N California 57 and 82 W 11th Ave.
Two 2-story and basement frame apt. bldgs. (4 apts. each).
Owner—C & F. Demartini, 619 27th Ave., San Francisco.
Architect—W. R. Lindeman, 619 27th Ave., San Francisco.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.

Plans Being Figured.
RESTAURANT ETC Cost, $30,000
SAN FRANCISCO, Geary and Laguna Streets.
Four-story and basement concrete frame Chinese restaurant and apt.
Owner—Wong Bew.
Architect—W. R. Yelland, Perry Bldg. Oakland.

Contractor Taking Sub-Figures.
APT. HOUSE Cost, $45,000
SAN FRANCISCO, N Sacramento E of Hyde.
Three-story frame and stucco apartment house (12 3-room apts.)
Owner—Louis D. Stoff, 1035 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared—To Be Done By Day's Work.
APT. HOUSE. Cst, $35,000
SAN FRANCISCO, SW 2nd and Cornwall Sts.
Three-story frame and brick veneer apt. house (9 3 & 4-room apts).
Owner—O. M. Oyen, 67 Carmel, S. F.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Plans will be completed next week
The owner will take sub-figures.

Construction To Start Immediately—Under Supervision of Architects.
APT. HOUSE Cost, $20,000
BERKELEY, Euclid Ave.
Two and 3-story frame and plaster apt. house, with T & G roof (9 2-room apartments).
Owner—Mrs. Frances Musgrave.
Architect—McWethy & Greenleaf, 2910 Telegraph Ave., Oakland.

Excavating Complete — Sub-Figures Being Taken By Owner.
APT. HOUSE Cost, $50,000
SAN FRANCISCO, S Washington E Jones.
Three-story and basement frame and stucco apt. house (12 3 & 4-room apartments).
Owner — Axel Johnson, 632 Belvedere St., San Francisco.
Architect—Baumann & Jose, 251 Kearny, San Francisco.
Work will be done by day's labor and sub-contracts.

Plans Being Prepared.
APT. & STORE Cost, $80,000
OAKLAND, 18th St. bet. Telegraph and San Pablo Aves.
Four-story fireproof apt. & store bldg.
Owner & Architect—M. I. Diggs, 1901 Telegraph Ave., Oakland.

Sub-Figures Being Taken — Contracts Awarded.
APARTMENTS Cost, $45,000
SAN FRANCISCO, NE Larkin and Pine Streets.
Three-story and basement frame (12) apartments.
Owner—Marian Realty Co., 1171 Market, San Francisco.
Architect—D. C. Coleman, 1151 Market St., San Francisco.
Concrete work to Pat Hurley.
Lumber to Loop Lumber Co.
Plumbing to J. Gibbs & Son.
Heating bids in.
Figures are being taken for plastering, tile, painting and stairs.

Contract Awarded.
APTS. & STORES Cost, $14,000
OAKLAND, S Foothill Blvd. 100 W Fruitvale.
Two-story 10-room apts. and stores.
Owner—J. K. Mayberry, 1811 San Pablo Ave., Oakland.
Contractor—Oliver Duval & Son, Dalziel Bldg., Oakland.

Segregated Figures Being Taken.
APARTMENTS Cost, $30,000
SAN FRANCISCO, Vallejo St. near Taylor.
Three-story and basement frame and stucco studio apts. (9 3-room apts. tile roof).
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Construction To Start Immediately—Sub-Figures Being Taken.
APARTMENTS Cost, $15,000
SAN FRANCISCO, 7th Ave. & Anza St.
Two-story and basement frame and stucco apt. (4) bldg.
Owner and Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Bids Wanted For Reinforcing Steel.
APARTMENTS Cost, $280,000
SAN FRANCISCO, NW Sutter & Leavenworth Streets.
Ten-story steel frame class A brick and concrete apartments (75 2-rm. apartments).
Owner—L. B. Ham, 110 Sutter St., San Francisco.
Architect—A. J. Horstman, 110 Sutter St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $19,860
OAKLAND, SE 43rd and Grove Sts.
Two-story frame apts., stores and garages.
Owner—Martin Biensteiner, 2427 35th Ave., Oakland.
Architect — Paul Lavergne, 3119 San Pablo Ave., Oakland.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland.

Contract Awarded.
APTS. & STORES Cost, $12,000
OAKLAND, S Bond 90 E Fairfax.
Two-story 15-room apts. and stores.
Owner — H. A. and H. F. Heyn, 707 Stratford Rd., Oakland.
Architect—None.
Contractor—O. Legault, 96 Montell St., Oakland.

Contract Awarded.
APARTMENTS Cost, $16,460
SAN FRANCISCO, W Mason St. 34 N Green.
Three-story and basement frame apts. (except lighting fixtures and shades).
Owner—Jos. De Martini.
Architect — Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—B. Pagano, 837-A Union St San Francisco.

Taking Bids For Low Pressure Steam Heating & Plumbing.
APT. HOUSE Cost, $1,500,000
SAN FRANCISCO, Washington near Gough St. adj. n.w. corner.
Seven-story and basement class A reinforced concrete apt. house.
Owner—Two Thousand & Six Washington Street Inc.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Bids will be opened on Dec. 24th.

LIGNI-SALVOR
Best Wood Preserver (REGISTERED)
Contains 60% Crude Carbolic Acid in Insoluble Form
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS $1.25 Net F.O.B. S.F.
Douglas Woodhams & Co.
24 CALIFORNIA ST. SAN FRANCISCO CALIF.
PHONE SUTTER 5907

Contract Awarded.
APARTMENTS Cost, $12,000
BERKELEY, Alameda Co., Cal. No. 1810 Walnut St.
Two-story 16-room frame apartments.
Owner—H. H. Fox, 1709 Beverely Place, Berkeley.
Architect—None.
Contractor—Roy O. Long Co., 2114 Shattuck Ave., Berkeley.

Sub-Figures Being Taken.
STORES & APTS. Cost, $150,000
OAKLAND, NE Grove and 55th 170x104.
Two-story class C concrete and steel store, theatre and apartment bldg. (9 stores 24 2 and 3-room apts).
Owner—Rivoli Investment Co.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—M. F. Hamilton, 825 Santa Fe Ave., Oakland.
The following contracts have been awarded by the contractor:
Excavation to Arras Knapp Co.
Cement work to F. J. White.
Wall beds to California Bed Co.
Roofing and hot coating of floors to Oakland Roofing Co.
Light fixtures to Jewell Elec. Co.
Steel to Herrick Iron Works.
Glass & glazing to P. A. Smith Co.

Plans Complete—Owner To Take Sub-Figures.
APARTMENTS Cost, $100,000
SAN FRANCISCO, NW Franklin and Sacramento Sts.
Five-story and basement reinf concrete apts. (18 apts.)
Owner—W. Props. 965 Hyde St., S. F.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Work will be done by day's labor and sub-contracts.

To be Done by Day's Work.
APARTMENTS Cost, $15,000
BERKELEY, Alameda Co., Cal. No. 1914-16 Channing Way.
Two-story 16-room frame apartments.
Owner — J. E. Strain, 2402 Roosevelt St., Berkeley.

Permit Applied For.
APARTMENTS Cost, $25,000
BERKELEY, 1612-20 Euclid Ave.
Two-story 30-room frame apts.
Owner—Mrs. Ira Lo Prest, 2214 Haste St., Berkeley.
Contractor—A. Lo Prest, 2214 Haste St., BeBrkeley.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 330 Pac. Bldg., have been commissioned to prepare plans for a 5-sto. and basement class A apartment house to be erected at s.w. cor. 4th St. and Normandie Ave. for Edw. W. Zaiser, Frank W. Killen and J. T. Condon. Rooms will be arranged in suites of two, three and four rooms each; reinf. conc. construction, 226x150 ft., press. brick and terra cotta exterior, marble and tile work, tiled baths, hardwood and pine trim and floors; wall beds, steam htg., electric elevators, refrigeration system; $1,000,000.

LOS ANGELES, Cal.—B. Hoffman of Kansas City, Mo., contemplates the erection of a 5-story class A apt. bldg., on the e. side of St. Paul St., bet. 6th and Orange Sts. It will probably be of reinf. conc. constr. and will cost about $300,000. S. Tilden Norton and Frederick H. Wallis, 716 S Spring St., will be the archts.

LOS ANGELES, Cal. — West Coast Home Builders, 4996 W Adams St., are preparing plans and will erect a 3-story class C store and apt. bldg. at 42nd and Main Sts., for themselves; it will contain 5 stores on first fl., with 100 rms. divided into single and double apts. Brick walls, 3-story and part basement, 76x140 ft., press. brick facing, comp. rfg., plate glass, marble base, gas rads., unit water htr., pine trim, wall beds, tile and comp. baths; $100,000. Sub bids will be taken on all work including furniture soon.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 330 Pac. Finance Bldg., have prepared preliminary plans for a 13-story and basement class A apartment house to be erected at n.e. cor. of Wilshire Blvd. and Ardmore Ave. for Ruth Roland. It will contain 300 rooms; dimensions 150x100 ft., reinf. conc. construction, press. brick and terra cotta facing, marble and tile work, hardwood and pine trim, tiled baths, electric elevators, steam htg., refrigerating system, wall beds; $1,500,000.

LOS ANGELES, Cal.—Wm. Fleming Co., 1918 W 7th St., has prepared plans and has the contract to erect a 114-room 36-apt. bldg. on Westlake Ave., bet. 7th and 8th Sts., for Helen Porter, Mae Fountaine and Bessie Spayde, 715 S Westlake Ave. Three-story, dimensions, 50x144 ft., brick and press. brick front, metal lath and plas. sides and rear, comp. rfg., fire escapes, pine trim, oak and pine fls., tiled baths, steam htg., water htrs., wall beds, marble and tile work; cost $75,000.

LOS ANGELES, Cal. — Archt. H. W. Charlton, H. D. Charlton, assoc., 111 E Broadway, are completing working plans for 3-story 73-room stucco apt. bldg. on Witmer St., near Crown Hill Ave., Los Angeles, for E. J. Strange; 36 suites, 48x110 ft., comp. and tile rf., 36 baths, gas rads., central water heat, system in basement, hardwd. fls., disap beds; est. cost, $70,000. Plans ready for sub-contr. bids next week.

BONDS

MODESTO, Stanislaus Co., Cal. — Modesto Irrigation District votes bonds of $500,000 to complete construction of transmission lines in district from Don Pedro dam.

LAKEPORT, Lake Co., Cal.—Election will be held Jan. 11 in Upper Lake Union School District to vote bonds of $25,000 to finance construction of new school. G. C. Waymire, Lee J. Garner and E. C. Rice are trustees of the district.

SAN DIEGO, San Diego Co., Cal. — The $400,000 elementary school bond issue and the $850,000 high school bond issue will be voted on at special election, Jan. 15.

SALINAS, Monterey Co., Cal.—Until Dec. 28, bids will be rec. by county supervisors for the purchase of the $105,000 bond issue of the Salinas City School District; proceeds of sale to finance construction of two one-story concrete schools, plans for which are being prepared by Architects J. J. Donovan, Tapscott Bldg., Oakland and Davis-Heller-Pearce Co., Delta Bldg., Stockton, associated.

OAKLAND, Cal. — Alameda County Supervisors vote to submit proposition at May election to decide question of issuing bonds to finance construction of new county courthouse and hall of records building. Approx. $600,000 will voted to purchase a site and $2,000,000 to erect the structure. Geo. E. Gross is county clerk.

PASADENA, L. A. Co., Cal.—Jan. 10th is the date announced for holding a bond election in Pasadena to vote $125,000 for the construction of a municipal golf course in the Arroyo Seco bet. the Rose Bowl stadium and Devil's Gate dam and a $50,000 branch library bldg. in East Pasadena.

CHURCHES

PASADENA, L. A. Co., Cal.—Archt. Carleton M. Winslow, 921 Van Nuys Bldg., is preparing plans for a new church bldg., to be erected at Pasadena for the First Baptist church of Pasadena; it will have an auditorium to seat 1500 people. Sunday school assembly room, banquet hall, classrms., and recreation center. Plaster exter., conc. and brick constr., cast stone trim., clay tile rfg., hardw. and pine trim., hardw., tile and cement fls., basement, art and stained glass, pipe organ, etc.; cost $400,000.

HERMOSA, L. A. Co., Cal. — Archt. Norman F. Marsh, 211 Broadway Central Bldg., is preparing working plans for a new church to be erected at Hermosa Beach for the First Baptist church of that city. Auditorium and Sunday school department; dimensions, 80x100 ft., conc. basement, frame and plas. superstructure, comp. rfg., pine trim, oak and pine flrs., gas htg.; $50,000.

FRESNO, Fresno Co., Cal.—Seventh Day Adventist Church, partially destroyed by fire, will be reconstructed at once at a cost of approximately $25,000. Dr. G. A. Wheeler is church treasurer and will have charge of reconstruction.

FACTORIES AND WAREHOUSES

Contract Awarded.
FACTORY & STORES Cost, $22,000
SAN FRANCISCO, E Russ St. 110 N Folsom.
One-story concrete factory & stores.
Owner & Eng.—L. H. Nishkian, Monadnock Bldg., San Francisco.
Contractor—J. H. Hjul, 1122 Folsom St. San Francisco.

Plans Being Figured.
ADDITION Cost, $300,000
EMERYVILLE, Alameda Co., Cal.if, Powell & 62nd Sts.
Three-story reinforced concrete addition to plant.
Owner—Westinghouse Electric Co.
Engineer—Bernard H. Prack, 62nd & Green Sts., Emeryville.
Among the firms figuring is MacDonald & Kahn, 130 Montgomery St., San Francisco.

Low Bidder.
FACTORY Cost, $18,500 approx.
OAKLAND, San Pablo Ave. and 32nd St
Two-story reinforced concrete factory.
Owner—Kronke Inc.
Architect—Edw. T. Barker, Syndicate Bldg., San Francisco.
Contractor — Ben Pearson, 2403 Grant Berkeley.

Bids Wanted—Bids Close Dec. 27 2 p.m.
EXTENSION Cost, $—
SAN FRANCISCO, Islais Grain Terminal.
One and 2-story frame and corrugated iron extension to storage shed.
Owner—State Board of Harbor Commissioners, J. L. Phelps, secy, Ferry Bldg., San Francisco.
Engineer—Frank G. White, chief engineer, Ferry Bldg., San Francisco.
See call for bids under official proposal section in this issue.

Contract Awarded.
SHED & STABLE Cost, $16,000
OAKLAND, SW 2nd and Jackson Sts.
One-story tile shed and 1-story tile stable.
Owner—Wm. Bolt.
Architect—A. W. Smith, American Bk. Bldg., Oakland.
Contractor—E. A. Randlett, 1534 Chestnut St., Alameda.

Plans Being Prepared.
STORE & LOFT BLDG. Cost, $65,000
OAKLAND, Alameda Co., Cal., Downtown district
Four-story fireproof store & loft bldg.
Owner—Barrett & Hilp, 918 Harrison St., San Francisco.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Plans Being Prepared.
OFFICE ETC. Cost, $25,000
DAVIS, Yolo Co., Cal.
Office, warehouse and service bldg.
Owner—Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.
Architect — Architectural Department of owner.

Contract Awarded.
WAREHOUSE Cost, $20,000
SAN FRANCISCO, SW Howard and Erie Streets.
One-story reinforced concrete warehouse.
Owner — Siegen Realty Co., 233 Lick Bldg., San Francisco.
Contractor—H. L. Peterson, Lick Bldg., San Francisco.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

Plans To Be Prepared.
BUILDING Cost, $—
SAN FRANCISCO, 3rd and Bryant Sts. Fireproof building.
Owner—R. McLeran & Co., Hearst Bldg San Francisco.
Plans by owners.
The property was just recently purchased and will be improved with a substantial building as soon as leases now pending are signed.

SANTA ANA, Orange Co., Cal. — Richards Trucking & Warehouse Co. is planning to erect a class A fireproof warehouse costing bet. $60,000 and $70,000 on a site on East Chestnut Ave., 12.5 acres, recently acquired. The former owner was E. C. Martin. Work is expected to be started by Feb. 1.

VENICE, L. A. Co., Cal.—The Jennings-White Mfg. Co., makers of automobile accessories, capitalized at $500,000, proposes to select a site in Venice and build a modern factory. W. Jennings O'Neill is pres. Postmaster J. C. Barthel is interested.

SAN JACINTO, Riverside Co., Cal.—Riverside Cement and Roofing Co. will start work early in January on the new roofing manufacturing plant to be erected on the Relief Hot Springs Rd. near the Jack Rabbit trail. The plans will be devoted to the manufacture of a new fireproof roofing material in which cement is used. The plant will eventually employ 200 men.

LONG BEACH, L. A. Co., Cal. — The Bay Hills Pipe Line & Storage Co. of Long Beach, and Philip J. Baney of New York City, formerly with the Standard Oil Co., plan the immediate construction of oil storage facilities at the harbor to cost $1,500,000. Plans include a 72,000-bbl. booster pump, two 4000-bbl. loading pumps, and two 80,000 bbl. storage pumps, a 10-in. pipe line from Signal Hill to the water front, and various storage units.

STOCKTON, San Joaquin Co., Cal.—Nims Pump Co., 444 N Madison St., manufacturing the Nims circulating water pump for Ford autos, trucks and Fordson tractors, is having plans prepared for additions to its present plant

SEATTLE, Wash.—Barton & Co., Seattle, will erect a $1,000,000 packing plant on 16-acre site in Meadows Race Track property just south of Seattle city limits.

LOS ANGELES, Cal.—Archt. John M. Cooper, 321 Marsh-Strong Bldg., L. A., has prepared sketches for a 5-story class A store and loft bldg. to be erected at 6669 Hollywood Blvd., for Morris Mandel. Reinf. conc. constr., 90x105 ft., comp. rfg., press. brick facing, elevators, etc., $500,000. Leases on the property do not expire for 10 years, and negotiations are under way by the owners to dispose of the lessees.

SAN BERNARDINO, San Bernardino Co., Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., has been commissioned to prepare plans for a class A warehouse to be erected at San Bernardino, for the Associated Warehouse and Truck Co. Reinf. conc. constr., brick exter. walls; will probably be 3-story about 100x150 ft., comp. rfg., conc. and hardw. fls., steel sash, metal skylights, wire glass; $150,000.

SANTA PAULA, Ventura Co., Cal. — D. J. Haire, 1051 S. Manhattan Pl., will have charge of construction work for erecting a new packing house at Santa Paula for Santa Paula Citrus Association. Allison & Allison, 1405 Hibernian Bldg., archts. Dimensions, 150x350 ft., 1-story and basement, reinfg. conc. columns and beams, hollow tile filler walls, stucco exterior, comp. saw-tooth rfg., wood floor, concrete basement; cost, $200,000.

LONG BEACH, Cal.—Representatives of Henry Ford are in this city negotiating for the purchase of a 40-acre tract on which it is proposed to erect auto building plant which will be rated the largest auto plant outside of Detroit.

MARYSVILLE, Yuba Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St. San Francisco, has purchased half half block in west side of A St., bet. 3rd and 4th Sts., and plans erection of garage, tool houses, distribution quarters and storage structures.

PORTLAND, Ore.—J. I. Case Threshing Machine Co., Racine, Wis., will erect a 4-story fireproof, 186x100 ft. assembling plant and warehouse in East Clay St., bet. 1st and 2nd Sts. Warren G. Davis, president of the company, is in Portland arranging for construction.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at approx. $20,000 awarded contract by Eureka Woolen Mills to construct corrugated iron warehouse 60 by 200 ft. at Broadway and Whipple Sts.

LOS ANGELES, Cal.—Archt. L. A. Parker, 731 P. E. Bldg., has completed plans and is taking bids by invitation only for a class A bottling plant, to be erected at 1920 N Main St. for Los Angeles Brewing Co. Reinf. conc. constr., 125x175 ft. overall, brick filler walls, comp. rfg., conc. fls., steel sash, hydro-elec. elevator, cork insulation, roof ventilators, wire glass. Bids will be taken on plumbing, etc., wiring, steel doors and elevator in about 2 weeks.

BEVERLY HILLS, L. A. Co., Cal.—Anton Johnson Rm. 209, 1007 S Grand Ave., has been awarded the contract at $44,000 for excavating and for foundations, for a 1-story and part 2-story brick bakery bldg., at Beverly Hills, for the Standard Bakeries. Plans by the McCormick Co., engrs., New York and Pittsburg.

FLATS

Plans Completed.
FLATS Cost, $12,000
BERKELEY, 2922 Florence.
Two-story 13-room frame flats.
Owner—M. Gillespie, 2906 Regent St., Berkeley.
Architect—E. Field.

Plans Being Figured.
FLATS Cost, $15,000
SAN FRANCISCO, S Anza St W 43rd Av
Two-story frame and stucco residential flats (2 6-room flats).
Owner—Dr. B. B. Masten.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, N Fulton 57-6 W 16th Ave.
Two-story and basement frame (2) flats.
Owner—Geo. Vietz, 3954 16th Ave., San Francisco.
Contractor — Erickson & Beyson, 844 Cabrillo St., San Francisco.

Plans Completed.
FLATS Cost, $10,000
SAN FRANCISCO, N Greenwich 25 E Broderick.
Two-story & basement frame (2) flats.
Owner—J. S. Steinuer & E. A. Neumarkel.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.

To Be Done By Day's Work.
FLATS Cost, $10,000
SAN FRANCISCO, N Fulton 52-6 E 15th Ave.
Two-story and basement frame (2) flats.
Owner—S. Raskin, 731 Baker St., S. F.

GARAGES

Contract Awarded.
GARAGE & STORE Cost, $13,817
PALO ALTO, Santa Clara Co., Cal., N Emerson bet. Hamilton and Forest Avenue.
One-story reinforced concrete garage and store building.
Owner—Ethel B. Warren, Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero Rd., Palo Alto.
Contractor—Wells P Goodenough, Palo Alto, Cal.

Preliminary Plans Being Prepared.
GARAGE Cost, $100,000
OAKLAND, vicinity of 19th and Telegraph.
Class A garage.
Owner—Carl Raentsch (Real Estate & Inv. Co.)
Architect—M. I. Diggs, 1901 Telegraph Ave., Oakland.

SAN BRUNO, San Mateo Co., Cal.—Pacific Coast Steel Co., Rialto Bldg., San Francisco, at $1100 awarded cont. by city trustees to erect steel frame garage and work shop with corru. iron roof and sides. Grant and Hart at $1423 only other bidders.

LOS ANGELES, Cal.—Archt. McNeal Swasey, 405 Hibernian Bldg., has completed plans and is now taking bids for a 2-story class C Spanish auto sales and garage bldg. to be erected at cor. of Gordon St. and Sunset Blvd., for the Peerless Motor Car Co. (Stanley W. Smith.) Two-story, 114x150 ft., brick walls, plaster exter, tile and comp rfg., tile, cem. and hardwd fls., struc. steel, steel sash, metal skylights, plate glass, office, salesroom, locker room, paint shop and repair shop.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?
For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.
OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.
A. Quandt & Sons
Painters · Decorators
Since 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
Los Angeles

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

VENTURA, Ventura Co., Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is preparing plans for a 1-story and basement brick garage bldg. to be erected at Ventura for Cerfoglio & Bogetti. It will be occupied by the Buick agency. Dimensions, 100x125 ft., concrete foundation and basement, brick superstructure, press. brick facing, plate glass, steel beams, comp. rfg., metal skylights, cem. and wood floors; $40,000.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is preparing plans for a 3-story class A garage bldg. to be erected on Grand Ave., between 2nd and 3rd Sts. for Mrs. Katherine O'Mara. Dimensions, 60x150 ft., reinf. concrete construction, comp. rfg, stucco exterior, steel sash, metal skylights, ramps, plumbing, wiring $50,000

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured—Bids Close Feb. 6, 1923, 11 A. M.
EXTENSION Cost, $—
PEARL HARBOR, T. H.
Extension to 2-story reinforced concrete storehouse Spec. 4911.
Owner—U. S. Government.
Architect—Bureau of Yards and Docks, Navy Dept., Washington, D. C.
Plans may be obtained from the Commandant at the Navy Yard, Mare Island.

See notice to Contractors under official proposals in this issue.

OAKLAND, Cal.—Senator Shortridge introduces bill seeking $2,000,000 appropriation to finance construction of new federal building in Oakland.

WASHINGTON, D. C.—Until Jan. 2, 10:30 A. M., bids will be rec. by Panama Canal Commission for fur. and del. Balboa (Pacific Port) under Circular No. 1580: Rope, (teel, phosphor, bronze, and manila), Zinc, lead, boronic copper alloy, tractor mowers, electric motor, galvanometers, waffle baker, scales, marine glasses, water-closet tanks and bowls, valves, nails, tacks, bolts, splice bars, pitch, asphalt roofing and cement, benzine, oils (signal, sperm, creosote, and lard), paints and varnishes, asbestos cloth, canvas, burlap and crossties. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

SAN FRANCISCO—Until Dec. 20, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5010, for fur. and del. Rio Vista, Solano county: 148 pcs. 4x10-in. x 6-ft. Pine, No. 1 Common, rough, approx. 2960 ft. B. M. Further information obtainable from above.

SAN FRANCISCO—Until Dec. 27, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5013-Oak 1, fo fur. and del. Rio Vista, Solano county:

10 lbs. spiral ring packing, for hot water ⅝ in. square, for rod 4 in. dia., stuffing box 5¼ in. dia.
8 medium hard rubber valves, 2⅜ in. O. D., 13/16 in. I. D. and ½ in. thick.
3 pcs suction hose, 3 in. 12 ft. ea., with male and female pipe thread couplings.
4 sets metallic packing, for steam engine, dia. rod 1 15/16 in. dia. stuffing box 3⅛ in., depth 3 in.
4 sets metallic packing, for steam engine valve stems, dia. rod 1 13/16 in. dia. stuffing box 2¼ in., depth 2 in.
4 sets metallic packing, for steam engine, dia. rod 1 9/16 in., dia. stuffing box 2⅝ in., depth 2 in.
2 sets metallic packing for steam engine valve stems, dia. rod 1 1/16 in., dia. stuffing box 1 ⅝ in. depth 2 in.
16 rings spiral rink packing for hot water 225 lb. pressure, 165 degree temperature, dia. of plunger 4 in., dia. of stuffing box 5¼ in.

SAN FRANCISCO — Senator Shortridge seeks $1,500,000 appropriation from Congress to finance construction of new marine hospital at San Francisco.

SAN FRANCISCO—Until Dec. 27, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5012-Oak. 1, for fur. and del. Rio Vista Solano county: miscellaneous hardware and supplies. Further information on request to above office.

MARYSVILLE, Yuba Co., Cal.—Bill introduced to Congress by Senator Shortridge seeks $150,000 appropriation to erect Federal building at Marysville.

EXTRA—Sandy Pratt announces winners in his mammoth contest for a commercial name for his new crushed rock.

JUDGES—R. D. Brigham, Vice President, Anglo California Trust Co.
George Urquhart, Vice President, White Truck Co.
Matthew A. Harris, President, Van Arsdale-Harris Lumber Co.
John D. McGilvray, President, McGilvray-Raymond Granite Co.
Max Sommer, Sommer & Kaufman, Inc., Retail Shoes.

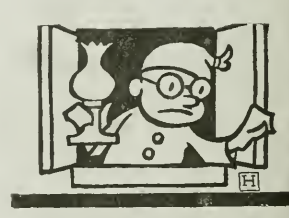
1st Prize $100.00 worth of 7% cumulative preferred stock.
2nd Prize 50.00 worth of common stock.
3rd Prize 50.00 carload of crushed rock or gravel.
4th Prize 35.00 carload of clean, sharp sand.
5th Prize 15.00 Traffic Book—"Pratt's Shippers' Record Book.

$250.00 Total in prizes.

Prize Winners	Name Suggested
1st—Frank W. Brittain, Constructing Engineer Great Western Power Co. San Francisco (27th answer received)	"PRATTROCK" Crushed Rock or Gravel
2nd—L. A. Mini, Car distributors office, Southern Pacific Co., Sacramento, (34th answer received)	"PRATT'S DIAMOND EDGE" Rock or Gravel.
3rd—Joseph Odgers, Advertising Manager Daily Pacific Builder, San Francisco (11th answer received).	"PLACER" Rock or Gravel.
4th—Chas. E. Jerrett, Insurance Agent, Georgetown, Calif. (102nd answer received).	"PRATT'S STEELEDGE" Rock or Gravel.
5th—Mrs. Camille Manville, Cashier, Daily Pacific Builder, San Francisco, (2nd answer received).	"PRATTCRUSH" Rock or Gravel.

SANDY PRATT'S judges finally decided.
• • •
THE BEST name.
• • •
FOR THE best crushed rock.
• • •
IN THE world.
• • •
AND IF you will gaze.
• • •
ON THE above lists.
• • •
YOU WILL find the winners.
• • •
AS WELL as the judges.
• • •
'PRATTROCK" WAS selected.
• • •
BECAUSE IT is the custom.
• • •
TO NAME rock and sand.
• • •
FROM THE shipping point.
• • •
AND "PRATTROCK" is the point.
• • •
WHERE SANDY Pratt's wonderful rock.
• • •
WILL BE shipped from.
• • •
ANTIOCH SAND is from Antioch.
• • •
HEALDSBURG GRAVEL from Healdsburg.
• • •
AND PRATT'S clean Marysville Sand.
• • •
IS FROM Marysville.
• • •
MR. MINI'S "Diamond Edge" is good.
• • •
FOR PRATT'S crushed rock.
• • •
WILL BE sharp and hard.
• • •
JOE ODGERS said "Placer" rock.
• • •
AND THIS is good.
• • •
MR. JERRETT, the wonderful letterwriter.

SENT IN "Pratt's Steeledge"
• • •
AND STEELEDGE is hard.
• • •
JUST LIKE Pratt's new rock.
• • •
AND MRS. Manville's name is good.
• • •
BECAUSE "PRATTCRUSH" is true.
• • •
SO SANDY Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
DOUGLAS 300—"easy to remember."
• • •
OF SAN Francisco, Marysville, Sacramento.
• • •
ALSO PRATTROCK and Prattco.
• • •
WISHES ALL a Merry Christmas.
• • •
"I THANK you."



Paul Revere of Prattrock, home of Sandy Pratt's new crushed rock plant, announcing the winners in Sandy's famous contest for a commercial name for Sandy's new crushed rock and gravel. Paul's horse went to a horse show, so Paul has to make the announcement from his bedroom window.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured.
ALTERATIONS Cost, $30,000
SAN FRANCISCO, Arguello Blvd. and Geary St.
Alter frame and stucco church into club (cardrooms, billiard room, stage, etc.)
Owner — Independent Order of B'na B'rith, S. F. Lodge.
Architect—S. Helman, 57 Post St., S. F.

Plans To Be Prepared.
CATHEDRAL Cost, $1,000,000
OAKLAND, Alameda Co., Cal., SE 15th and Jackson Sts.
Class A cathedral.
Owner—Scottish Rite Bodies of Alameda County.
Architect—Carl Werner, Santa Fe Bldg San Francisco.
The building will have a ground area of 22,500 square feet, being 150 ft. on each side and will be 150 ft. high, approximately the same as a 20-story building. It will be in the pure Greek classic style, with the exterior built of marble and granite to a height of 50 ft. and will set back 40 ft. from the streets, and will be surrounded by a strip of lawn forty ft. wide.
SAN FRANCISCO — See "Banks, Stores & Offices." this issue.

LOS ANGELES, Cal.—Archts. John C. Austin, 1125 Detwiler Bldg., and A. M. Edelman, H. W. Hellman Bldg., associated, G. Albert Lansburgh, consulting archt., are completing revised revised plans for the new Shrine auditorium bldg., to be erected at Jefferson and Royal Sts. Construction has been changed from structural steel to reinforced concrete with an alternate design for structural steel roof and balcony construction. The trustees announce that as soon as legal and financial details have been consummated new competitive bids will be called for from contractors. The bldg. will be class A construction and will cost approximately $2,250,000.

SACRAMENTO, Cal.—Civic clubs and associations contemplate campaign to raise funds to finance construction of new Y. W. C. A. building. Miss Edith Stanton, secretary of the national organization, is in Sacramento furthering the movement.

HOSPITALS

Construction Started By Day Labor.
HOSPITAL BLDGS. $110,000 each
NORWALK, L. A. Co., Cal., State Hospital Grounds.
Two 2-story reinforced concrete hospital buildings with tile partitions and tile roof.
Owner—State of California.
Architect—Benj. G. McDougall, State Architect, Forum Bldg., Sacramento.
The excavation work has been started. Some informal bids will be called for later.

Construction Started By Day's Labor.
HOSPITAL BLDG. Cost, $55,000
STOCKTON, San Joaquin Co., Cal., 6 miles from Stockton.
1½-story reinforced concrete hospital bldg. with tile partitions and tile roof (farm cottage).
Owner—State of California.
Architect—Benj. G. McDougall, State Architect, Forum Bldg., Sacramento.
The foundation has been started. Some informal bids will be called for later.

SAN DIEGO, San Diego Co., Cal. — Following a conference bet. Rt. Rev. John J. Cantwell, Bishop of the Diocese of Los Angeles and San Diego, and the directors of St. Joseph's hospital, an announcement was made that bids for the construction of a new hospital bldg. will be called within the next few weeks. The new structure, which is to be located on a 5-acre tract on the brow of Mission Hills, will be of reinf. conc. and steel class "A" constr. with approx. 200 beds. The site of the present hospital, on University Ave., will be sold to raise part of the necessary funds.

LOS ANGELES, Cal.—Bertelsen and Schuldt, 950 S Stanford, Los Angeles, were awarded general contr. by county supervisors at $99,000, for constructing new psychopathic bldg. at the county farm. Other bids were noted issue Dec. 7. The bldg. will be 1-story 276 by 38 ft. with 2 wings, each 216x27 ft; brick and conc. constr., shingle rfg.

REDDING, Shasta Co., Cal.—Shasta County Grand Jury, in annual report, declares county hospital buildings are "firetraps" and should be replaced with modern concrete structures. July consists of Harriette A. Saeltzer, J. J. Miller, Geo. Grider and J. T. Burton.

CATALINA ISLAND, L. A. Co., Cal.—Dr. Richard P. Burns, 1256 American Ave., Long Beach, pres. of the Scientific Body Bldg., Inc., has had preliminary drawings made by the department of the Catalina Island Co., D. M. Renton, mgr., for a $1,200,000, 500-patient sanitarium bldg. to be erected on Catalina Island. Directors are: Dr. Carl Schultz, pres. Naturopathic Institute of Calif; Henry Gross, both of L. A.; C. G. Withers, pres. Security Finance & Mortgage Co., Long Beach.

AUBURN, Placer Co., Cal.—County Grand Jury recommends construction of woman's ward and insane ward at county hospital.

HOTELS

Preliminary Plans Being Prepared.
STORE & HOTEL Cost, $400,000
OAKLAND, 19th bet. Telegraph & San Pablo Aves.
Eight-story class A store & hotel bldg.
Owner—Carl Raentsch (Real Estate & Inv. Co.)
Architect—M. I. Diggs, 1901 Telegraph Ave., Oakland.

Commissioned To Prepare Working drawings.
HOTEL Cost, $85,000
LOS BANOS, Merced Co., Calif.
Four-story reinforced concrete hotel, 50x100 ft. 48 rooms, 39 with private baths.
Owner—Corporation to be formed to finance construction. Miller & Lux interests are interested in project.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Contract Awarded.
HOTEL & STORES Cost, $84,000
MERCED, Merced Co., Cal., Hotel El Capitan.
Four-story reinforced concrete annex to hotel and stores.
Owner—John H. Simonson, Hotel El Capitan, Merced.
Architect not given.
Contractor — Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Other bidders were:

Jolly & Jolly, Fresno	$86,888
P. Pedersen, Fresno	90,000
L. J. C. Wegner, Merced	91,346
Herndon & Finnegan, Sacto	92,580
Fisher & McNulty, Fresno	93,149
Pete Wallstrom, Turlock	101,000

ALHAMBRA, L. A. Co., Cal.—Archt. Robert B. Stacy-Judd, 6030 Hollywood Blvd., L. A., has completed foundation plans and has bids for excavating and basement construction for the erection of a group of hotel bldgs. on the site of the old Borden estate, Garfield St., Alhambra, for the Community Hotel Corp. of Alhambra, to be known as the La Granada. Plans may also be seen at the company's office, 4 N Garfield St., Alhambra. Main bldg. will be 3-sto. class C, brick, hollow tile and timber inter. constr., found., 181x120 ft., 8 stores, lobby, dining rms., cafeteria in the 1st sto.; steam heating plant, public toilets, service toilets, shops and freight and passenger elevator equipment in basement; 80 bedrooms, each with bath in upper stories; slate lobby floor, 100x80 ft., fireplace, stucco exter. tile and comp. rf., iron grilles, tile window bases, torch burned and adz-cut lobby fixtures, all furniture being designed by the archt. The apt. block in a rear wing will be 3-story, same construction and will contain 12 apts. Adjoining the apt. wing will be a house court consisting of two 4-unit, 4-rms. each, 2-story, dwlgs. of similar constr. All baths and drainbds. will be tile. Exter. work will include a garage group, owners pool, parkways an dexter. ornam. lighting. Structural plans will be ready in about ten days.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., is preparing plans for a 4-story class C hotel bldg. to be erected on the west side of Figueroa St., bet. 3rd and 4th Sts., for Mrs. E. Holmes. It will contain 110 rooms & 100% baths; dimensions 60x154 ft. brick walls, press. brick facing, marble and tile work, comp. rfg., fire escapes, pine trim, tiled baths, steam htg., elevator; $140,000.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

TACOMA, Wash.—Albertson, Cornell Bros., and Walsh, Tacoma, at $1,101,-375 submits low bid to erect Hotel Winthrop for the Citizens Hotel Cptn., in South 9th St. bet. Broadway and Commerce Sts., and will probably be awarded the contract. Next two low bidders were: J. E. Bonnell, $1,142,528; Dugan and Chrisman, $1,156,771.

WILMINGTON, L. A. Co., Cal.—The Empress Constr. Co., Robert F. Fritz, pres.; John Y. Lambers, secy., has begun work excavating for a $200,000 3-story 50x120 ft. 150-room, 50% baths, hotel bldg. on n.w. cor. Broad Ave. and Wilmington, to be known as the Catalina Terminal Hotel. A large garage, heating plant and laundry in connection.

LOS ANGELES, Cal.—Archt. H. W. Charlton, 18 Central Bldg., Glendale, has prepared plans for a 4-story class C hotel bldg. to be erected on Figueroa between 3rd and 4th Sts., for Lane, Slosburg & Schlank, 501 Mortgage Guarantee Bldg. It will contain 112 rooms; dimensions 60x154 ft., brick walls, press. brick facing, marble and tile work, comp. rfg., fire escapes, pine trim, oak and pine fls., tiled baths, steam htg., elevator; $125,000.

SAN PEDRO, L. A. Co., Cal. — Marshall R. Lawson, 540 S Pacific Ave., Long Beach, has been assigned by David Barnes of the B. O. McCormick Realty Co., 628 N Western Ave., L. A., to prepare plans for a $250,000 200-rm store and hotel bldg. to be erected in San Pedro.

LOS ANGELES, Cal.—Archt. Albert C Martin, 228 Higgins Bldg., is preparing plans for a 2-story class C store and hotel bldg. to be erected at n.w. cor. Figueroa and 27th Sts. for J. Wiseman MacDonald. Four stores, 70 hotel rms., 50 baths; dimensions, 80x180 ft., 2-sto., brick walls, stucco exterior, stone trim plate glass, steel beams, comp. rfg., metal skylights, pine trim, tiled baths, gas htg.; cost $100,000.

LOS ANGELES, Cal.—Archts. Ashley & Evers, 518 Mortgage Guarantee Bldg have completed preliminary plans for a 4-story class C store and hotel bldg., to be erected at s.e. cor. Western Ave. and Beverly Blvd., for William E. Welborne and assoc; it will contain 2 stores, restaurant, 5 shops and 75 rms. with 50% baths. Brick walls, 4-story and part basement, 118x103 ft., press brick facing, comp. rfg., steam htg. system, struc. steel, steel sash, plate glass, elevator, tiled baths, tile, hardwood and cem. fls., pine trim, mezz. floor.

TACOMA, Wash.—Pratt and Watson, Tacoma, at $1,195,559 awarded contract by Citizens' Hotel Corporation to erect Hotel Winthrop which will be leased to the Linnard Company, operators of Fairmount Hotel in San Francisco, and the Virginia and Maryland in Pasadena.

POWER PLANTS

WALLA WALLA, Wash.—City council will call election to vote bonds of $75,000 to finance construction of municipal power plant.

KING'S ORIENTAL STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco

WELTON, Ariz.—C. W. Taintor Co. awarded contr. by Gila Valley Power Dist., Yuma county, to const. portion of power works consisting of a main transmission lines, secondary transmission lines, telephone lines, connecting with four telephone stations, transformer stations and combination sub-station and office and meter equipment for 33,000 volts. No regular bids were received Dec. 8.

ALAMEDA, Alameda Co., Cal. — Until Dec. 27, 5 p. m., bids will be rec. by A. D. Goldsworthy, secy. Board of Public Utilities, 1414 Park St., for furnishing Electrical Department with copper wire. Further information obtainable from secy. **See call for bids under official proposal section in this issue.**

PASADENA, Cal.—Jan. 10th is date set to bond for $250,000 for extensions to municipal light and power equipments including sub-station, high-tension transmission lines and pumping plants.

LONGVIEW, Wash. — Pittsburgh Transformer Co., Pittsburgh, Pa., at approx. $80,000 awarded cont. by Long-Bell Lumber Co. to fur. 27 units of 22,-600 k. v. a. transformers for company's plant at Longview. Eicher & Bratt, Colman Bldg., Seattle, represent the Pittsburgh concern.

CLE ELUM, Wash.—Stone and Webster Corp. has started construction of $160,000 sub-station for Puget Sound Light and Power Co. to supply mining and irrigation districts in Kittitas Valley. Will be reinforced concrete construction, 5000 k.w. station, outdoor type, covering area of approx 200 sq. ft.

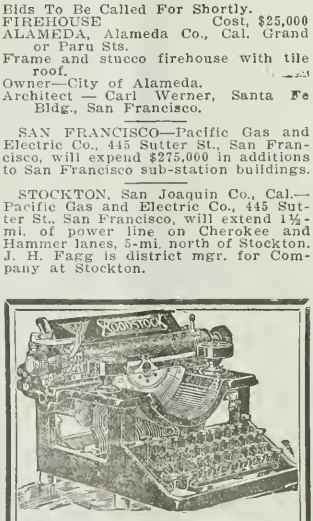
SAN FRANCISCO — Westinghouse Electric and Mfg. Co., submits low bid to Board of Public Works for fur. and del. electric transmission line insulators for Hetch Hetchy project. Bids referred to City Eng. M. M. O'Shaughnessy for report. The estimated cost of the contract is $200,000.

PUBLIC BUILDINGS

Bids To Be Called For Shortly.
FIREHOUSE Cost, $25,000
ALAMEDA, Alameda Co., Cal. Grand or Paru Sts.
Frame and stucco firehouse with tile roof.
Owner—City of Alameda.
Architect — Carl Werner, Santa Fe Bldg., San Francisco.

SAN FRANCISCO—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will expend $275,000 in additions to San Francisco sub-station buildings.

STOCKTON, San Joaquin Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will extend 1½-mi. of power line on Cherokee and Hammer lanes, 5-mi. north of Stockton. J. H. Fagg is district mgr. for Company at Stockton.



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

FLAGSTAFF, Ariz. — W. B. Storey, pres. of the A. T. & S. F. Ry., has ordered the operating dept. to investigate the situation in Flagstaff as regards the need for a new depot. He states that attention must be given to track, shop equipment, etc., first. The announcement was made in answer to a demand of the local Rotary Club for a new depot.

WOODLAND, Yolo Co., Cal.—J. Witzelberger, Woodland, at $889 submits only bid to city trustees to remodel dormitory quarters in city hall for fire department. Bids rejected and work will be done by city under supervision of City Engineer Asa G. Proctor.

RIVERSIDE, Riverside Co., Cal. — George Herz Co., San Bernardino, was low bidder on gen. contr. at $71,786 to erect a 2-story class A Spanish city hall at cor. 7th and Orange Sts., Riverside, for the city of Riverside; it will contain beside city offices large room for civic museum. Howard E. Jones, 405 Katz Bldg., San Bernardino, archt. Reinf. conc. constr., basement, tile rfg., plaster exter., 80x70 ft., ornam. iron balconies. Other low bids were: Plumbing, C. E. Stansell, Riverside, $3050.05; electric wiring, Field Elec. Co., San Bernardino, $7100; painting, Ruhnau, Riverside, $4550; gas htg., Pacific Gas Appliance Co., San Bernardino, $2638. Gen contr. bids were: Cressmer Mfg. Co., $73,540; Darrell Condley Co., $75,-091; H. A. Nichols, $76,840; L. C. Waldman, $76,987; Homan & Tully, $90,000.

LOS ANGELES, Cal.—Until 11 a. m., Jan. 7, bids will be received by the board of supervisors for furnishing and erecting structural steel and iron work for Unit No. 1 of the Museum of History, Science and Art at Exposition Park. The bldg will be 3-story and basement 150x200 ft.

BERKELEY, Alameda Co., Cal. — Public Library Trustees, Carl B. Joeckel, secy., plans early construction of branch library at southwest corner of Ashby and Benvenue aves., to be known as Claremont Branch Library. Estimated cost $25,800.

RESIDENCES

Figures To Be Taken In a Week.
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Cal. Dwight Way and Hillside.
Two-story frame and stucco residence with fire resisting shingles (8 rooms and garage).
Owner—Miss Edith Griffin.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.

Plans Being Prepared.
RESIDENCE Cost, $7000
BERKELEY, The Alameda & Monterey.
1½-story and basement frame residence (English style).
Owner—Mr. Hauschild.
Architect — John Hudson Thomas, 1st Natl. Bank Bldg., Berkeley.

Figures To Be Taken Next Week.
RESIDENCE Cost, $10,000
Two-story frame and stucco residence.
Owner—Chas. Lightner, Redwood City
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

Contract Awarded.
GARAGE, ETC. Cost, $10,640
PIEDMONT, Alameda Co., Cal., Hazel Lane.
Brick garage and alterations to residence.
Owner — Mrs. Oscar Fitzallan Long, premises.
Architect—Albert Farr & J. E. Ward, 68 Post St., San Francisco.
Contractor—Fred J. Westlund, 357½ 12th St., Oakland.

Segregated Figures Being Taken.
RESIDENCE Cost, $33,000
PIEDMONT, Alameda Co., Cal., Muir & Lafayette Aves.
Two-story and basement frame and stucco residence and garage with shingle roof (12 rooms and 3 bathrooms).
Owner—A. T. Tickell.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.

Plans Being Figured.
RESIDENCE Cost, $16,000
SAN FRANCISCO, S Pacific Ave., bet. Baker and Lyon Sts.
Two-story and basement frame and plaster residence with tile roof.
Owner—Hugh Porter.
Architect — Erle J. Osborne, Balboa Bldg., San Francisco.
Figures are being taken for a general contract.

Contract Awarded.
RESIDENCE Cost, $14,728
SAN FRANCISCO, Lots 13, 15 Blk 24 St. Francis Wood.
Two-story frame residence and garage
Owner—G. & C. P. Halsey.
Architect—H. G. Stoner, Flatiron Bldg. San Francisco.
Contractor—Boxton & Zwieg, Flatiron Bldg., San Francisco.

Contract Awarded.
DWELLING Cost, $11,735
BERKELEY, 1130 Laurel.
Two-story 9-room dwelling.
Owner—N. F. Clarke, 2247 Cedar St., Berkeley.
Architect—W. H. Ratcliffe, Jr., First Natl. Bank Bldg., Berkeley.
Contractor—Allen & Conrad, 351 12th St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Cal., Scenic Avenue.
Two-story frame and plaster residence.
Owner—Helen L. Martin and Margaret Webb, 1511 Spring St., Berkeley.
Architect — Wm. E. Milwain, Pacific Bldg., Oakland.

Plans Being Prepared.
ALTERATION Cost, $—
SAN LEANDRO, Alameda Co., Cal.
Alter residence.
Owner—Rev. M. B. Marcello, San Leandro.
Architect—Miller & Warnecke, Perry Bldg., Oakland.
Work will not be started for about two months.

Plans Complete.
RESIDENCE Cost, $30,000
SAN FRANCISCO, N Geary 150 W 8th Avenue.
Two-story concrete class C residence.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—John O. Lofquist, 1399 Tamalpais, Berkeley.

Contract Awarded.
RESIDENCE Cost, $10,500
SANTA ROSA, Sonoma Co., Cal.
Two-story frame colonial style residence.
Owner—E. R. Sawyer.
Architect—Miller & Warnecke, Perry Bldg., Oakland.
Contractor—Geo. C. Norris, Santa Rosa.

Contract Awarded.
RESIDENCE Cost, $14,300
SACRAMENTO, Cal., 1069 45th St.
Two-story 10-room frame residence & garage.
Owner—F. E. Lauppe.
Contractor—Jos. T. Ransdall, 1055 41st St., Sacramento.

Plans Being Figured.
RESIDENCE Cost, $25,000
SAN FRANCISCO, Washington and Spruce Streets.
Two-story frame and plaster residence
Owner—S. H. Friend, 704 Market St., San Francisco.
Architect — B. J. Joseph & Benj. S. Hirschfeld, Call Bldg., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $10,000
PIEDMONT, Alameda Co., Cal.
One-story steel frame and concrete conservatory bldg. for residence.
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Plans Being Figured.
RESIDENCE Cost, $9000
BERKELEY, Alameda Co., Cal., Thousand Oaks Blvd.
Two-story frame and stucco residence.
Owner—Mrs. S. J. Sill.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. No. 2425 Virginia St.
Two-story 11-room frame residence
Owner—Margaret S. Sweet.
Architect—None.
Contractor—S. G. Rankin, 712 Haddon Road, Oakland.

Contract Awarded
RESIDENCE Cost, $13,000
BERKELEY, Alameda Co., Cal. No. 66 Southhampton St.
Two-story 9-room frame residence.
Owner—Mrs Janetto Hibbs, 2457 Regal Road, Berkeley.
Architect—None.
Contractor—Roy O. Long Co., 2114 Shattuck Ave., Berkeley.

Plans Complete.
RESIDENCE Cost, $12,000
OAKLAND, Lakeshore Highlands.
Two-story and basement frame and stucco residence and garage.
Owner—J. Lawrence.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Contract Awarded.
DWELLING Cost, $10,000
OAKLAND, S Hubert Rd. 335 Grosvenor Place
Two-story 9-room dwelling.
Owner—Leslie Hopkins.
Architect—None.
Contractor — C. G. Hildebrand, 1700 Fremont Way, Oakland.

SEATTLE, Wash.—Architect Edwin J. Ivey, Pacific Block, preparing plans for two-story and basement residence to be erected on American Lake near Tacoma Golf & Country Club for Capt. Lyle Harrah ;est. cost $70,000. Will have slate roof.

CROCKETT, Contra Costa Co., Cal.—John I. Collins, 252 17th St., Richmond, at $2526 each, awarded contract by California-Hawaiian Sugar Co. to erect six modern bungalows at company's plant at Crockett.

SCHOOLS

LOS GATOS, Santa Clara Co., Cal.—The following bids were received on December 19th at 8 P. M., by the Board of Trustees of the Los Gatos Union High School District, for the construction of a two-story and basement reinforced concrete high school building from plans prepared by Architect W. H. Weeks, 369 Pine street, San Francisco. The bids were taken under advisement.

General Contract

Herndon & Finnigan, 1814 17th St., Sacramento, $148,670; $———; $———; $3,844; $203; $436.
Hannah Bros., San Francisco, $157,000; $2278; $5468; $2650; $317; $214.
Cobby & Owsley, San Francisco, $157,500; $2600; $2200; $3500; $340; $375.
R. W. Littlefield, Oakland, $158,850; $3030; $2400; $6880; $190; $300.
Campbell Constr. Co., Sacramento, $159,876; $3000; $3000; $3000; $300; $200.
Larsen & Siegrist, San Francisco, $163,400; $3000; $2800; $3000; $300; $400.
Morrison Bros., Santa Clara, $162,817; $3060; $3215; $1925; $210; $350.
E. Nommensen, San Jose, $164,210; $3000; $3340; $2000; $218; $350.
C. L. Wold, San Francisco, $164,500; $1500; $3000; $2600; $300; $450.
Robt Trost, San Francisco, $164,632; $2398; $3392; $2745; $192; $——.
M E. Hopper & Son, Oakland, $165,730; $3600; $4200; $4800; $200; $450.
J. E. Branagh, Oakland, $167,000; $2500; $2120; $3600; $310; $150.

Heating

(1) Cast Iron Boilers; (2) Pacific Steel Boilers; (3) Field Boilers; (4) Kewanee Boilers; (5) Oil Burners; (6) Split System (add).
W. H. Picard, 5656 College Ave., Oakland (1) $12,637; (2) $13,279; (3) $13,114; (4) $13,018; (5) $860; (6) $2567.
J. E. O'Mara, San Francisco (1) $12,973; (2) $13,111; (3) $13,137; (4) $12,928; (5) $890; (6) $2988.
Scott Co. (1) $13,540; (2) $13,145; (3) $13,285; (4) $13,130; (5) $1020; (6) $1180.
P. J. Enright, San Francisco (1) $13,850; (2) $13,900; (3) $14,050; (4) $13,835; (5) $925; (6) $3100.
Carl T. Doell, Oakland (1) $14,325; (2) $14,610; (3) $14,673; (4) $14,614; (5) $1,094; (6) $3343.
Fred Berryman, Palo Alto (1) $14,733; (2) $15,911; (3) $15,935; (4) $14,722; (5) $765;(6) $3066.
H G. Newman, Oakland (1) $15,046; (2) $14,875; (3) $14,740; (4) $14,780; (5) $898; (6) $2595.
W. K. Nottingham, Oakland (1) $16,440; (2) $16,220; (3) $16,250; (4) $16,000; (5) $1150; (6) $3440.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

The J. Kennedy, Oakland (1) $17,120; (2) $15,250, (3) $——; (4) $——; (5) $915; (6) $3000.
Christenson & Anderson, Palo Alto (1) $17,150; (2) $17,300, (3) $17,330; (4) $17,130; (5) $1300; (6) $2700.
W. F. Serpa, San Jose (1) $19,617; (2) $19,767, (3) $19,897; (4) $20,037; (5) $2778, (6) $1950.

Heating and Sheet Metal Work

F. S. Studer, San Jose $17,618.85; $17,871.92; $17,895.02; $17,839.02.

Plumbing

Fred Berryman, Palo Alto.....$ 8,997
J. E. O'Mara, San Francisco.... 10,900
Wm. Serpa, San Jose..... 10,970
L. H. Lawson, Los Gatos..... 11,100
Merritt Pa lier 12,454
Cashel Bros. 12,490
J. B. Cruz, Oakland..... 12,610
W. H. Picard, Oakland.....$12,775
H. G. Newman, Oakland..... 13,423
Christenson & Anderson, Palo Alto 13,500
Carl T. Doell, Oakland..... 14,680

Electric

M. E. Ryan, 251 Tehama St., San Francisco, and Redwood City, $6850; (2) deduct, $90; (3) deduct, $1270.
Roy Davenport.....$7200 (1) $26; (2) $1016.
Roy M. Butcher, San Jose.....$8089 (1) $——; (2) $1027.
Watts Elec. Co., San Francisco..$9300 (1) $50; (2) $830.
H. E. Howard.....$9988 (1) $81.80; (2) $807.50.
Stanford Elec. Co., Palo Alto.....$9999 (1) $40; (2) $914.
Crown Elec. Co., San Francisco.$10,100 (1) $46; (2) $1206.
Butte Elec. Eq. Co., S. F.....$10,164 (1) $40; (2) $825.
F. E. Newbery, San Francisco..$10,468 (1) $90; (2) $1270.

Blackboards (1) Slate; (2) Compo (3) Alternate

Stewart School Supply Co., San Francisco (1) $1805; (2) $950; (3) $1180.
C. F. Weber Co., San Francisco (1) 95c ft.; (2) 50c ft.; (3) $——.
Western States Seating Co., San Francisco (1) 95c ft.; (2) ——; (3) 62½c ft.
Rucker-Fuller Desk Co., San Francisco (1) 95c ft.; (2) 50c ft.; (3) ——.

Window Shades

D. N. & E. Walter Co., San Francisco $1,467.20
Stewart Sales Co., S. F.....1,700.00
W. & J. Sloane Co., S. F..... 1,993.00

Linoleum

Palo Alto Furniture Co., Palo Alto $2,668.72
D. N. & E. Walter Co., S. F..... 2,848.20

Bids To Be Called For In About a Week.

SCHOOL, Cost, $92,000
OAKLAND, Alameda Co., Cal., Hawthorne School site.
Two-story reinforced concrete school 9 rooms, auditorium and principals office.
Owner—City of Oakland.
Architect — John J. Donovan, 1916 Broadway, Oakland.
This structure will replace the one recently destroyed by fire.

MERCED, Merced Co., Cal.—R. Barcroft & Sons, Merced, at $1119.90 awarded cont. by Merced Union Grammar School District to install irrigation systems and John Muir and Galan grammar schools. Other bids: Valley Plumbing and Sheet Metal Work, Merced, $1415.61; Murray-Vincent Co. Merced, $1493.

SAN FRANCISCO — Wm. Bruce, 270 McAllister St., San Francisco, at $6350 submits low bid to Board of Public Works for general alterations to Sarah B. Cooper School at Lombard and Jones Sts. Other bids were: Reilly and Nemetz $8696; A. H. Vogt, $7333; A. S. Gough, $8243; Elliott and Grant, $7493.

J. E. O'Mara, 218 Clara St., at $1744 for heating in connection with same work. Other bids: Gilley-Schmidt, $2300 P. J. Enright, $1875; A. Lettich, $2225.

BAKERSFIELD, Kern Co., Cal.—Until Dec. 31, 10 a. m., bids will be rec. by Paloma School District to erect one-story frame school. Cert. check 10% req. with each bid. Plans on file in office of County Supt. of Schools. Lorenzo Pecchia and Guiseppi Grassoti are trustees of the district.

AUBURN, Placer Co., Cal.—County Grand Jury recommends construction of additional structures at Placer Union High School to relieve crowded conditions in present structure.

CHICO, Butte Co., Cal.—Until Jan. 2, 5 p. m., bids will be rec. by Chas. H. Camper, clerk, Chico High School District, to lay approx. 1200 lin. ft. 12-in. conc. irrigation pipe with stands, gate valves, etc. at Sacramento Ave. and The Esplanade, Chico. **See call for bids under official proposal section in this issue.**

PASO ROBLES, San Luis Obispo Co., Cal.—Archt. Orville L. Clark, 521 Chapman Bldg., is completing plans for a 2-story high school bldg. to be erected at Paso Robles, for the Paso Robles Union High School District; it will contain auditorium to seat about 950 people and 14 classrooms. Reinf. conc. constr., brick walls, basement, maple and conc. fls., steel sash, terra cotta or art stone trim, steam htg. sys., pine trim; bids to be taken soon.

FRESNO, Fresno Co., Cal.—Bids will be asked shortly by Board of Education to construct east wing unit of T. L. Heaton school in McKinley Ave. at Del Mar; est. cost $40,000. Will contain six rooms. L. L. Smith, 2525 Tuolumne St., Fresno, secy. of board of education.

LOS ANGELES, Cal.—North Pacific Construction Co., 1302 Detwiler Bldg., was low bidder at $60,525 for erecting a new school bldg. at Cienega school site, West Adams St. and 30th Ave.; Ross Montgomery, archt. Low bidders on other contracts were: Midgley Bros. on heating at $6124; Ora King on plumbing at $5378; American Electric Construction Co. on wiring at $1875; and R. Rasmussen on painting at $2090.

FRESNO, Fresno Co., Cal.—Fresno Hardware Co., Fresno, at $1.26 ft. awarded contract by Board of Education for fencing at public schools. Other bids: Standard Fence Co., San Francisco, $1.26 ft.; West Coast Wire and Iron Works, $1.29 ft., all bids f. o. b. Fresno.

INGLEWOOD, L. A. Co., Cal.—Archt. Norman F. Marsh, 211 Broadway Central Bldg., is preparing plans for adding a second-story to the Central grammar school bldg. at Inglewood. It will contain 10 classrooms; frame and plas. construction, comp. rfg., pine trim, blackboards, heating; $50,000.

DURHAM, Butte Co., Cal.—Chas. S. Mabrey, Ochsner Bldg., Sacramento, at $60,151 awarded contract to erect Durham Union High School. Contract covers all work except blackboards, window shades and lockers. Construction will be of concrete.

LOS ANGELES, Cal.—Until 9 a. m., January 2 bids will be received by the board of education for erecting gymnasium bldgs. at San Fernando high, Van Nuys high and San Pedro high school site; Albert C. Martin, archt. Separate bids on general contract and plumbing. The bldgs. will be of brick construction and will cost about $50,000 each.

OXNARD, Ventura Co., Cal. — The $120,000 school bond issue carried at the recent election. Plans for a new grammar school bldg. to be erected on Palm Dr. and a new primary school bldg., are being completed by Archt. John C. Austin, 1125 Detwiler Bldg., Los Angeles. Mr. Austin will be in Oxnard in a few days to go over the plans with the trustees of the Oxnard school dist.

CORCORAN, Kings Co., Cal. — As previously reported, C. Nelson, Hanford at $4496 awarded contract by Corcoran Union High School District to construct concrete addition to shop building, other bidders on this project were: John Betty & Son, Corcoran, $4693; J. F. Brown, Hanford, $5654; A. M. Rumley, Tulare, $5982; H. W. Allen & Co., Tulare, $6034.

ANAHEIM, Orange Co., Cal.—Board of education has selected a 5-acre tract on the so. side of East Centre St., 500 ft. east of the city limits, as site for the new grammar school to be erected under the recent $110,000 bond issue. The proposed bldg. will be 2-story 12 classrooms, and of brick or hollow tile constr. M. Eugene Durfee, 204 Samuel Kraemer Bldg., Anaheim, will probably be the architect.

RIO VISTA, Solano Co., Cal.—Until Jan. 3, 7:30 p. m., bids will be rec. by Geo. H. Lent, clerk, Rio Vista Joint School District to erect three additional classrooms at school site (frame and concrete construction) for which bonds of $13,000 were voted. Cert. chk. 10% payable to clerk req. Plans obtainable from the architects, Dean & Dean, City Library Bldg., Sacramento.

LONG BEACH, L. A. Co., Cal.—Until 8 p. m., Dec. 28th, bids will be received by the trustees of the Los Cerritos School District, for erecting a school bldg. at Los Cerritos near Long Beach. Separate bids on general contract, plumbing, gas heating, wiring, painting and roofing. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., L. A., archts. Plans may be found at the archt's office and at 149 W First St., Long Beach. Chas. R. Rowett is clerk of the board of trustees. Eight classrooms; brick constr., selected brick facing, clay tile or shingle rf., pine trim and floors, gas rads., blackboards; $50,000.

TUCSON, Ariz.—Construction of the new Library bldg. at the University of Arizona, for which bids will be recd. 11 a. m., Jan. 3, will involve the following contracts: excavating, plain & reinf. conc., struc. steel and iron work, brick work, hollow tile work, terra cotta, carpentry and millwork, tile roofing, comp. roofing, ornamental metal work, steel sash, cut stone, sheet metal work, metal covered doors and windows, lathing and plastering, glazing, marble work and painting. Separate proposals will be received for each of the following: plumbing and electric work. The present plan of the board of regents is to build the first floor with frame work for additional story when funds are available. Plans and spec. may be obtained from the archts., Lyman & Place, 79 N Stone Ave., Tucson, upon deposit of $50. Cert. check 5%. E. E. Ellinwood, chancellor, and Cleve W. Van Dyke, archt. The proposed structure will be a 3-story bldg., 194 ft. frontage by about 90 ft. deep.

SANTA MONICA, L. A. Co., Cal.—C. G. Wopschall, Pasadena, was low bidder and was awarded the general contract on Alternate A at $50,176 for erecting an addition to the McKinley school at Santa Monica. Other contrs. were awarded as follows: Sheet metal to Emil Brown & Co. at $869; tile roofing to C. L. Passmore at $1625; plastering to E. E. Harding at $6725; blackboards to T. N. Fierce at $899; hardware to Bennett-Montgomery Co., at $1537; painting to Arenz-Warren Co. at $2256; plumbing to Thos. Haverty Co. at $6435; electric work to T. S. Nicholson at $850 and heating to Hoagland-Lakin Co., at $4127. Allison & Allison, 1405 Hiberian Bldg., archts. The bldg. will contain 10 rooms, brick construction, plas. exter., clay tile rfg.

LOS ANGELES, Cal.—North Pacific Construction Co., 1302 Detwiler Bldg., was awarded the general contract at $60,525 for constructing new Cienga school bldg. at West Adams St. and 30th Ave.; Ross Montgomery, archt. Other contracts were awarded as follows: Plumbing to Ora King at $5378; heating to Midgley Bros. at $6124; painting to R. Rasmussen at $2090; and wiring to American Electric Construction Co. at $1875.

BANKS, STORES & OFFICES

To Be Done By Day's Work.
STORE Cost, $15,000
SAN FRANCISCO, E 4th St. 75 N Harrison.
One-story concrete store.
Owner—Barrett & Hilp, 918 Harrison St., San Francisco.
Architect—R. W. Jenkins, 918 Harrison St., San Francisco.

Permit Applied For—Sub-Figures To Be Taken Next Month.
ADDITION Cost, $40,000
SAN FRANCISCO, NE Market and Stockton Sts.
One-story class C addition to store building.
Owner—Roos Bros., premises.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor — MacDonald & Kahn, 130 Montgomery, San Francisco.

Contract Awarded.
STORE BLDG. Cost, $10,000
SAN MATEO, San Mateo Co., Cal., Lot 2 Blk 22, B St.
One-story brick store bldg.
Owner—C. H. Castle.
Contractor — S. A. Born, Glazenwood, San Mateo.

Contract Awarded.
STORE BLDG. Cost, $18,000
OAKLAND, E Grand Ave. 210 N Lake Park.
One-story 6-room tile store bldg.
Owner—Fred E. Reed Co., Syndicate Bldg., Oakland.
Contractor — F. A. Muller, Syndicate Bldg., Oakland.

Plans Being Prepared—To Be Done By Day's Work.
ALTER & ADD Cost, $20,000
SAN FRANCISCO, SE Fillmore and Post St.
Alter and add to store building.
Owner—Kiernan & O'Brien, Alexander Bldg., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Sub-figures will be taken by the owner.

Segregated Figures Being Taken.
STORE Cost, $40,000
SAN JOSE, S 1st and Fountain Sts.
Reconstruct 3-story & basement brick dept. store; erect steel frame; 2 elevators, etc.
Owner—Max Blum.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
The present building will be all torn down except the outside walls.
Bids are being taken on the following work: Excavating, concrete work, masonry, plastering, mill work, structural steel, store fronts and marble. Later bids will be taken for the electrical work, plumbing, heating tile, etc.

Figures To Be Taken In About a We k
BANK BLDG. Cost, $—
MARYSVILLE, Yuba Co., Cal., 3rd and D Streets.
One-story and mez. floor reinforced concrete bank bldg. 40x101.
Owner—Bank of Italy.
Architect—H. A. Minton, 550 Montgomery St., San Francisco.

Plans To Be Prepared.
BANK & OFFICE Cost, $—
LONG BEACH, L. A. Co., Cal.
Eight-story class A bank and office building.
Owner—Bank of Italy, 550 Montgomery San Francisco.
Architect not selected.

Plans Being Prepared.
DANCE HALL & STORE Cost, $—
SAN FRANCISCO, SW Market & 9th Streets.
Three-story class A dance hall and store building.
Owner—Trowbridge & Perkins.
Architect—E. E. Young, 2002 California St., San Francisco.

Figures To Be Taken In Ten Days.
STORE BLDG. Cost, $—
SAN FRANCISCO, 47 Kearny St.
Alter 4 floors of 8-story class A store building.
Owner—Conn San Francisco Co. (Band instruments)
Architect—V. W. Houghton, 275 Post St San Francisco.
The work will include side walk elevator, electrical work, plumbing, painting, marble, plaster, etc.

Plans Being Figured.
STORE FIXTURES Cost, $—
SAN FRANCISCO, 47 Kearny St.
Store fixtures.
Owner—Conn San Francisco Co.
Architect—V. W. Houghton, 275 Post St., San Francisco.

Terra Cotta Contract Awarded.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell and Brown, 251 Kearny St., San Francisco.
Consulting Engineer — C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
The terra cotta contract has been awarded to Gladding McBean Co. at approx. $150,000.

Permit Applied For—Sub-Figures To Be Taken Shortly.
OFFICE BLDG. Cost, $350,000
OAKLAND, N 17th bet. Broadway and Franklin.
Seven-story and basement reinforced concrete physicians office bldg.
Owner—Dr. W. H. Wakefield.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor — Chas. Heyer Jr., Mills Bldg., S. F. and Dalziel Bldg., Oakland.

Preliminary Plans Being Prepared.
STORE BLDG. $30,000 to $40,000
RICHMOND, Contra Costa Co., Cal., NW Macdonald Ave. and 9th St.
Two-story and mezz. floor reinf. concrete or brick department store building.
Owner—J. Albert of Alberts Inc., Richmond.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Construction will not be started for about two months.

Preliminary Plans Being Prepared.
STORE Cost, $500,000
OAKLAND, vicinity of 19th and Telegraph.
Class A department store.
Owner—Carl Raentsch (Real Estate & Inv. Co.)
Architect—M. I. Diggs, 1901 Telegraph Ave., Oakland.

Preliminary Plans Being Prepared.
MARKET BLDGS. $200,000 each
OAKLAND.
Two-story class A market bldgs.
Owner—Carl Raentsch (Real Estate & Inv. Co.)
Architect—M. I. Diggs, 1901 Telegraph Ave., Oakland.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Contract Awarded.
STORE Cost, $8250
OAKLAND, NE Cor. Foothill Blvd. & Stanway.
One-story store.
Owner—C. M. McElhenny, 10 Loretta Piedmont.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland.

Sub-Contracts Awarded.
BANK & OFFICE BLDG. $1,000,000
FRESNO, Fresno Co., Cal., Mariposa & J Streets.
15-story class A bank and office bldg.
Owner—Pacific Southwest Trust and Savings Bank.
Architect — R. L. Felchlin, Patterson Bldg., Fresno.
Ornamental iron to Sartorius Co., 15th and Utah Sts., San Francisco.
Plastering to A. Knowles, Call Bldg., San Francisco.
Windows & Kalamein to U. S. Metal Prod. Co., 330 10th St., S. F.
Elevators to Otis Elevator Co., Beach and Stockton, San Francisco.
Wiring to Valley Electrical Co., 1817 Tulare St., Fresno.
Plumbing, heating, ventilating to Barrett, Hicks Co., 1031 Broadway, Fresno.
Granite to Raymond Granite Co., 3 Potrero Ave., San Francisco.
Millwork to Fresno Plg Mill Co. Fresno
Painting to D. Zelinsky & Sons, 165 Grove St., San Francisco.

Contract Awarded.
STORE BLDG. Cost, $15,000
SACRAMENTO, Cal. No. 1501 K St.
One-story and basement store building
Owner — Henderson Bros., Masonic Bldg., Sacramento.
Architect—None.
Contractor — E. W. Bark, 2912 G St., Sacramento.

LOS ANGELES, Cal.—Macdonald & Kahn, Loew State Bldg., have been awarded a contract at $650,000 for erecting an 11-story & basement class A store and loft bldg. on west side of Broadway between 9th and 10th Sts., for A. C. Blumenthal and assoc. It will be occupied by the Western Costume Co. Kenneth Macdonald & Co., archts. Brack-Shops Bldg. The bldg. will be 100x150 ft., reinf. conc. constr., terra cotta and press. brick facing, plate glass, steel sash, metal skylights, fire escapes, elevators, marble & tile work.

SAN FRANCISCO—See "Apartments" this issue (restaurant).

LOS ANGELES, Cal.—Archts. Noerenberg & Johnson, 401 L. A. Ry. Bldg., are preparing plans for a 12-story and basement class A store and office bldg to be erected at s.e. cor. of 11th St. and Broadway for Citizens Mortgage Co., Loew State Bldg. There will be 7 stores in first story and 220 offices in the upper stories; dimensions 73x110 ft., reinf. conc. frame and flrs., brick filler walls, terra cotta and ruffled brick facing, plate glass windows, marble and tile work, metal sash, hardwood trim, steam htg., 3 elevators $650,000.

LOS ANGELES, Cal—Arthur G Lindley and Chas. Selkirk, assoc. 800 American Bank Bldg., have completed sketches for a class A office and store bldg., to be erected at s.w. cor. Western Ave. and Hollywood Blvd., for J. J. Morgan; it will contain 200 office suites on the upper fl. with stores and lobby on first fl. Reinf. conc. constr., 12-story and basement, 114x110 ft., press. brick and terra cotta facing, elevators, etc. Sketches have also been prepared for a 4-story loft bldg., to be erected adjoining the cor. on the west. This bldg. will be erected first and will be rented to tenants who have leases on the corner property.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., is preparing plans for a 12-story and basement class A store, loft and office bldg. to be erected on the east side of Grand Ave., bet. 7th and 8th Sts., for Grand Ave. Bldg. Co., composed of C. E. Rose, Wm. Bowman and Leonard L. Jones. The site, on which a 99-year lease has been secured, is 113x165 ft.; the bldg. will be reinf. conc. constr., brick filler walls, press. brick and terra cotta facing, plate glass, marble and tile work, fire escapes, 1 freight and 3 passenger elevators, steam htg.; cost $650,000.

SAN FRANCISCO—See "Factories & Warehouses," this issue.

LOS ANGELES, Cal.—Shauer Bros. & Co., Inc., 546 S Los Angeles St., contemplate the erection of a 4-story addition to their 6-story bldg. at 546-48 S Los Angeles St. It is 50x125 ft., reinf conc. constr.

OAKLAND, Cal.—See "Apartments."

LOS ANGELES, Cal. — Tropico Potteries, Inc. has been awarded a contract at about $95,000 for furnishing terra cotta for the new chamber of commerce bldg. at 12th St. and Broadway. C. J. Kubach Co., general contractors; John C. Austin & John Parkinson, assoc. archts.

OAKLAND, Cal.—The Franklin Bank & Trust Co. a new organization, of which John Davidson and W. V. Herrington formerly of the Oakland Bank and Attorney Carlos G. White are associated, are planning to erect a 10 or 12-story class A bank and office on 13th and Franklin Sts., Oakland, in 1925.

LONG BEACH, L. A. Co., Cal.—Guaranty Title Co., 146 Locust Ave., Long Beach, is preparing to erect a 5-story bank and office bldg. on the old Y. M. C. A. site on Locust Ave. n. of First St., Long Beach. The three upper floors contain offices, the second floor will be occupied by the owners and the street floor will be occupied by the new Long Beach Central Bank, Frank F. Merriam, speaker of the state assembly, pres.

LOS ANGELES. Cal.—Childs' Restaurant Co. of New York has secured a 99-year lease on the property at 635-639 S Hill St. and contemplates the erection of a 12-story and basement class A building. The ground floor and basement will be occupied by the owners as a restaurant and the upper stories will contain offices. The site is 50 by 155 ft.

THEATRES

Bids Opened.
THEATRE, ETC. Cost, $45,000
SAN FRANCISCO, S Third St. 41-3 N Quesada St.
Class A theatre and store building (cement exterior and tile roof).
Owner—Otto Roeder.
Architect—Chas. F. Strothoff and Gustave Stahlberg, 2274 15th St., S. F.
S. Rasori, 410 Williams Bldg. San Francisco $44,984
Barrett & Hilp 54,940
Cochrane-Boehm Co., Inc..... 56,829
H. L. Peterson 58,400
Wm. Martin 58,512
Vensano & Co. 58,777

Being Done By Day's Labor.
THEATRE Cost, $10,000
MORGAN HILL, Santa Clara Co., Cal.
One-story hollow tile motion picture theatre.
Owner—R. H. Hencken, S. F. & Morgan Hill.
Architect — Miller & Warnecke, Perry Bldg., Oakland.

Preliminary Plans Being Prepared.
THEATRE Cost, $200,000
OAKLAND, vicinity of 19th and Telegraph.
Class A theatre.
Owner—Carl Raentsch (Real Estate & Inv. Co.)
Architect—Maury I. Diggs, 1901 Telegraph Ave., Oakland.

INGLEWOOD, L. A. Co., Cal.—Engr. Service Co., 1316 Washington Bldg., are preparing plans for a class C theatre bldg. to be erected at Inglewood for Arthur Bennett; it will contain an auditorium to seat about 1500 people, 2 stores and several office suites on second fl. Theatre has been leased to West Theaters, Inc., and D. B. Vanderlip Venice Investment Corp. Brick walls, 2-story and part basement, 75x150 ft., comp. rfg., press. brick, plate glass, struc. steel, tile and marble, etc.; $100,000. Robert E. Powers Co., Western Ave., will have the decorating contract.

OAKLAND, Cal.—See "Apartments," this issue.

MISCELLANEOUS BUILDING CONSTRUCTION

Segregated Bids In and Under Advisement.
ORPHANAGE BLDGS. Cost, $—
SAN RAFAEL, Marin Co., Cal., St. Vincents Orphanage Site.
Five 2-story reinforced concrete orphanage bldgs. (3 dormitories and a gymnasium and chapel).
Owner—Roman Catholic Archbishop.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Each of the dormitories will accommodate 30 boys and are built in the apartment style.

EUREKA, Humboldt Co., Cal.—Eureka High School board contemplates construction of stadium at high school grounds. Geo. B. Albee is city supt. of schools.

SAN JOSE, Santa Clara Co., Cal. — Guadalupe Portland Cement Co., which plans erection of cement mill at Guadalupe, southwest of San Jose, has opened offices at 217 Growers' Bank Bldg., San Jose.

LOS ANGELES, Cal.—Macdonald & Driver, 526 Douglas Bldg., have been awarded the contract to erect a 2-story brick bldg., at Plaza Church, N Main St. and Sunset Blvd., for the Roman Catholic Bishop. Bank, stores and offices in first fl. with priest's house in second; dimensions, 48x169 ft., brick walls, stucco exter., cast stone trim, comp. rfg., pine trim, cem. and hardwd. fls., plate glass, baths. Plans by Gene Verge 358 New High St.

LOS ANGELES, Cal.—Archt. Lyman Farwell, Laughwell Bldg., has prepared plans for a number of bldgs. to be erected in the San Fernando Valley for the McKinley Home. There will be four dormitory bldgs., each 2-story, 120x46 ft., with end wings, to accommodate 72 boys each; administration bldg., chapel, gymnasium, etc. The bldgs. will be of hollow tile or hollow conc. wall constr., stucco exter., clay tile rfs., wood or conc. fls; cost $300,000

SAN FRANCISCO—I. R. Kissel, 1747 Sacramento St., at $1300 submits low b d to Bd. Pub. Works to paint Stockton Street tunnel. Other bids: L. J. Cohn, $1840; A. Quandt & Son, $2145; Julian H. Kay, $3500.

OGDEN, Utah.—Archts. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., have completed revised plans for a new union railway depot to be erected at Ogden, Utah, for Union Pacific and Southern Pacific Railway Cos. It will be 2 story, 500 by 64 ft., waiting room 112x60 ft. and 45 ft. high, offices in 2nd story; brick construction, terra cotta trim, stone entrance, structural steel, clay tile rfg. $250,000.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-981 — Longvale, Calif. Party desires samples and prices of wall board from San Francisco dealers or manufacturers.

D-982—Chicago, Ill. Firms desiring representation in Chicago with live wire concerns please communicate with the above.

D-984—Portland, Me. Large producers of birch veneer desire to get in touch with San Francisco manufacturers. Can offer same at interesting figure due to low freight cost, shipments being made by water.

D-986—Hillside, N. J. Manufacturers of armboard reinforced concrete wall units desire some reliable man or firm with moderate financial backing to take over the manufacturing and selling of this product locally under their license agreement plan.

(Continued on Page 23)

Leads for Business

LEASES—Nov. 15, 23—R X Ryan to Frederick Kastner—S Hlaight betw Masonic & Central Aves No 1377 Haight St 5 yrs $3600.
Nov 1, 23—John F Egan to Richard M O'Neill—2762 24th St 5 yrs $3240.
Jan. 5, 21—Martin Investment Company to R F Phillips Jr—S Washington rung through to Merchant known as 9, 11, 13, 15, 17, 19, 23 & 25 Washington St & 20, 22, 24, 26, 28, 30, 32, 34 & 36 Merchant St 87 mos $31,755.
Dec. 10, 23—Sophia Arfsten to W Newman—499 8th Av 2 yrs $45 per month.

EXTENSION OF LEASE—Mar 18, 14—Chris Buttmen to George Bonos—E Mission st bet 20th & 21st sts Nos 2449-51 Mission st 5 yrs $6900 and extension to March 15, 26.

AUTOMOTIVE—R. F. Fain (washing) 983 Post.
Ablasa Auto Service, 834 Kearny.
Duplex Truck Sales Co. and Utility Trailer Sales Co., 1242 Mission to 86 Eighth.

BARBERS—B. Marconi, 478 Jackson.

BOX STRAPPING — Signedc System Inc., Twisted Wire & Steel Co. and Consolidated Steel Strapping Co., 310 Clay to 383 Brannan.

CANDY—Yale Candy Co., 1716 Fillmore

CIGARS—Sullivan & Kish, 1174 McAllister.

CLEANING & DYEING—Tip Top Cleaning & Dyeing Works, 75 Sanchez to 773 14th.

CLOTHING—Peerless Clothing Co, 719 Market.

COMMISSION—W. D. Prideaux. Exchange Blk., 417 Montgomery.

DELICATESSEN — B. E. Lasky, 5847 Geary.

DRAYAGE—Albany Express, 191 3rd.

DRUGS—Sharp & Dohme (D. C. Bershby) (G. C. Dickey), 30 Main to 539 Mission.

FERTILIZER—Gaither Lime & Fertilizer Co., St. Clair Bldg. to Marvin Bldg.

FOOD PRODUCTS — Quaker Oats Co. (R. Yates) Hansford Bldg., 525 Market

GOWNS—Marie Josephine, 795 Sutter.

GROCERS—Jos. Caidano, 1269 41st Ave.
John Ehlen, 2830 23rd.

ICE CREAM—Arthur Pfau, 2427 San Bruno Ave.

IMPORTERS—Wm. Shep, 216 Pine.

INSURANCE—H. J. Sloan, Clunie Bldg.

LADIES' APPAREL — Jane Shoppe (Jeannette Counter) 233 Post to 348 Grant Ave.

MANICURISTS—Miss Anna Black, 177 Post.

MFG. AGENTS—A. H. Coates Co., 770 Mission to 615 Howard.
Penn Brass & Copper Co. (agency) 770 Mission to 615 Howard.
A. C. Earl, 821 Market.

MILLINERY—Miss Verna Molt, 35 to 117 Grant Ave.

PAINTING—A. S. H. Painting Co., 4418 Irving.

PRINTING—West Coast Printing Co, 48 3rd.

PUBLISHERS — National Publishing Co., 78 1st to 648 Howard.

REAL ESTATE — Richard F. Davis, 1298 12th Ave.
Realty Investment Co., 235 Montgomery.
Clear Lake Highlands Inc., 285 O'Farrell to 821 Market.

RESTAURANTS — Fat Boy Barbecue, 275 O'Farrell
Columbus Ave. Cafe, 579 Columbus Avenue.

SHIPPERS—C. Henry Smith Inc., Dollar Bldg. to Matson Bldg.

STOCKS & BONDS—F. J. Buckley, 3004 16th.

TAILORS — A-1 Tailor, 1304 Leavenworth

TAXICABS—Checker Taxi Co., office, 1645 California.

TRANSPORTATION—Swedish American Line (Leonard Georges), Hansford Bldg. to 593 Market.

MISCELLANEOUS—Baird & McGuire, Inc., 216 Pine.
California Farm Bureau Federation (utilities dept.), 593 Market.
Fassio Co., Inc., 2911 Baker.
MacMaster-Paine Calculating Bureau 417 Montgomery to 38 Sansome.
Western States Agencies Co. Exchange Blk. to 417 Montgomery.
Protecto Paint Products Co., 351 12th Oakland, plan 3-story factory, 65th bet. San Pablo and Vallejo Sts.

LEASE—Dec. 1, 23—Ephraim and Fannie Bekovitsky to L Aubeit — 1569 Ellis St 3 yrs $125 per mo.

ASSIGNMENT OF LEASE—Dec. 12,, 23—D J O'Connor to Daniel O'Looney & John Pierce—424 o r 338 NE corner Guerrero & Alvarado No 1019 Guerrero St 5 yrs.

ARCHITECTS—C. I. Warnecke, Call Bldg.

ATTORNEYS—W. S. Scott and Perky, 621 Market.

AUTOMOTIVE—Automotive Gear Co., 818 Van Ness Ave.

BARBERS—Antonio Carlini, 358 Columbus Ave.

BROKERS—Myer Simon (salvage) 705 Sansome.

FINANCE—McNyler Interstate Co. (C. F. Wolfradt) 625 Monadnock Bldg. soon.

IMPORTERS—Check & Gillip, 149 California to Call Bldg.

MACHINERY—Browning Co. 71 Main.

PLUMBING — Wm. Carmichael & Co. (3366 San Jose Ave.) 332 Balboa.

PLUMBING SUPPLIES — Mark-Lally Co. (247 2nd) opening branch in Sacramento.

RESTAURANT—Geneva Grill, 232 Geneva.

RUGS AND LACES—Jos. Esacul, 259 Geary.

STENOGRAPHIC—Clair Dehler(public) 760 Market to Pacific Bldg.

STOVES AND RANGES—Jos. Graham Mfg. Co. (531 Mission) will occupy $60,000 building to be erected s.e. Bryant and 5th.

MISCELLANEOUS — O'Farrell Street Police Station to be remodeled.
Archt. Lewis P. Hobart is completing plans 4-story ($200,000) class A office building N Market between Montgomery and Kearny for Crocker Estate Co.
Lindgren - Swinerton Co. awarded contract erect $2,500,000 26-story building New Montgomery & Minna
Alameda County to vote bond issue $2,600,000 for new court house.

ANNOUNCING
Our New Location
601-609 MISSION ST.
Corner of Second
C. F. WEBER & CO.
San Francisco

Contra Costa County Builders Exchange (R. W. Timmons) to install a building material exhibit at Richmond.

LEASES—Dec. 15, 23—Mrs M Pera to John Krainert—1301 Steiner St 2 yrs $960.
Dec. 12, 1923—Joseph Pasqualetti to S M Ingalsbe and Georgia Young—S Market bet 15th & Church & being 75 frontage on Market rung through to 15th rescd N 15th 125 W Church W alg 15th 50 N 56 m or l to intersn of line SE to SE Market from pt dist 215-6⅜ NE from intrsn of Market & N 15th NW alg line so drawn 111 m or l to SE Market NE alg SE Market 75 SE 100 NW 5 SE to pt dist N 100 from N 15th W parl with N 15th 4-3⅜ m or l to intrsn of line N to N 15th from pt of beg S alg said line 100 to beg ptn M B 97 10 yrs $104,600
Dec. 8, 23—N P Jensen to John Trowmey—489 30th St 2 yrs $35 epr mo.

REMOVAL — Anderberg & McCaron Sheet Metal Works from 1998 Polk St to 2041 Polk St.

APPRAISERS—C. N. Perkins (marine) Exchange Blk to 417 Montgomery.

ARTISTS—E. L. Sellon (commercial) 417 Montgomery to 85 2nd.

AUTOMOTIVE—Service Motor Co. (H. G. Petersen) shop 3951 to 6699 Geary.
Durant Steyes Motor Co. (used car dept.) 1125 Van Ness Ave.
Bert R. Latz Co. (supplies) 78 1st to 648 Howard.

BARBERS — California Barber Shop, 206 California.

BEAUTY PARLOR — Esther's Beauty Shop, 536 Geary.

BUILDING MATERIALS—Spicer Mfg. Corp., 770 Mission to 615 Howard.

CHEMICAL PRODUCTS—Henry Bower Chemical Mfg. Co., 203 California.

CLEANING AND DYEING — Wallace Cleaning & Dyeing Wks (4390 25th) 535 Bryant.

CLOTHING—May Damen, 307 5th.

COFFEE — Cleasen Coffee Co., 5050 Mission.

CONTRACTORS — F. L. Hansen, 251 Kearny to 510 Pine.

DENTISTS—Leo J. Duggan, 3004 16th.

DRAYAGE — Center Moving Co. (690 Mission) 451 Eddy.

ENGINEERS—B. F. Jakobsen (consulting) Chronicle Bldg.

FIRE EQUIPMENT — Fire Protection Engineering Co. (C. T. Clifford) Main to 142 Sansome.
California Fire Extinguisher Co., 67 Main.

FRUIT—Ellis H. Spiegel and L. M. Spiegel, 240 Drumm to 510 Battery.

GROCERS — Public Food Stores, 1431 Haight.
Little-Mann Grocerteria (2678 Mission) 3033 24th.

HOME FURNISHINGS—W. B. Geiser & Co., 87 1st to 648 Howard.

IMPORTERS—Oriental Import & Export Co., 216 Pine.
Yamate Bros. (Milo Pearls Importing Co.) 510 Battery to 760 Market.

INSURANCE—Hyams & Mayers, 433 California to 142 Sansome.
Horace R. Hunter, Alexander Bldg., to Mer. Exchange Bldg.

LADIES' APPAREL—S. Klein (blouses and sweaters) 813 Market.

OIL—Banner Refining Co., Inc. (Islais Creek) Financial office Hewes Bldg.

MFRS. AGENTS—Hamilton Beauchamp & Woodworth Inc. (Amador Metals Reduction Co. and Melones Cyaniding Co.) 419 Embarcadero to 564 Market.
Whitney Mfg. Co. (chains) 770 Mission to 615 Howard.
Johnson Motor Co. (A. G. Hebgen) 440 Market to 660 Howard.

MARKETS—Z. N. Urumoff, 3253 Mission.

PHYSICIANS—Dr. Herman V. Hoffman 209 Post to 1195 Bush.

PUBLISHERS—Engineering & Mining Journal Press, Engineering News Record and Electrical World, 554 to 883 Mission.

(Continued on Page 23)

Official Proposals

BIDS WANTED FOR EXTENSION TO FRAME & G. I. GRAIN SHED

NOTICE TO CONTRACTORS

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, California. December 15, 1923.

Sealed proposals or bids will be received at this office at or prior to **2 o'clock p. m., Thursday, December 27, 1923**, for furnishing materials and constructing an Extension of Shed at Islais Grain Terminal, on the waterfront of the City and County of San Francisco, in accordance with plans and specifications prepared therefor by the Chief Engineer of the Board and adopted by the Board December 6, 1923, and on file in this office to which special reference is hereby made.

The work to be done under these specifications consists in removing such portions of existing structures as are within the lines and which will interfere with the construction of the new work, furnishing all necessary materials (except Portland cement, which will be furnished to the Contractor by the Board), labor, and equipment for constructing an Extension at Islais Grain Terminal.

The materials to be used in the work shall consist of the requisite quantities of Portland cement, piles, lumber, galvanized sheet iron, fine concrete aggregate, coarse aggregate, steel reinforcement, structural steel fastenings, bolts and rods, millwork, glass, roofing materials, and painting materials. Portland cement will be furnished by the Board. All other materials shall be furnished by the Contractor. All materials used must be of the best of their respective kinds if not especially specified herein. All materials used in the structure will be subjected to a rigid examination and test, and if found defective, under size, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the Contractor at his expense. Materials may be rejected at any time for defects which may be disclosed, or which may develop in the course of the work, notwithstanding any previous test or inspection, and removed by the Contractor as indicated above.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect, and shall be paid into the San Francisco Harbor Improvement Fund.

The contractor shall be required to give a bond unto the Board of State Harbor Commissioners for not less than one-half of the total amount payable by the terms of the contract, with a corporation, thereunto duly authorized by law and commonly known as a surety company, as surety (such surety company to be one of those approved by the State Board of Control, a list of these approved surety companies being on file in the office of the Secretary), and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof. Said bond shall also provide that if the contractor, person, company or corporation to whom said contract is awarded, fails to pay for any materials or supplies furnished for the performance of the work contracted to be done or for any work or labor done thereon of any kind, said surety will pay the same in an amount not exceeding the sum specified in said bond; and said bond shall also be made to inure to the benefits of material men, mechanics and laborers as provided by that certain act of the Legislature of the State of California, approved May 1, 1911 (Stats. 1911, p. 1422). Said bond must be acceptable to and approved by said Board both as to surety and form.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to 2 o'clock p. m., on Thursday, December 27, 1923, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications for this work to be had at Room 18, Union Depot and Ferry House, upon depositing $10.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid: "Bid for Constructing an Extension of Shed at Islais Grain Terminal."

CHAS. H. SPEAR,
JOHN B. SANFORD,
M. F. COCHRANE,
Board of State Harbor Commissioners.
FRANK G. WHITE,
Chief Engineer.
J. L. PHELPS, Secretary.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

(City of Sacramento—Cast Iron Pipe)

Bids will be received by the City Council of the City of Sacramento in the Council Chamber of the City Hall on I Street between 9 th and 10th Streets, between the hours of **8:15 and 9:15 o'clock p. m., on Thursday, January 3rd, 1924**, for the furnishing of 57,000 feet of 6 inch cast iron pipe to be used for the extension of water mains, in accordance with specifications adopted by the City Council on December 6, 1923, and now on file in the office of the City Clerk.

All proposals must comply with requirements of the City Charter of the of Sacramento, effective June 30, 1921, and bidders are hereby cautioned that no bid which fails to comply therewith can be considered.

Bids must be submitted upon printed proposal and affidavit form supplied by City Clerk, without charge, to prospective bidders.

A certified check made payable to the City Controller of the City of Sacramento as prescribed in Section 256 of said Charter for not less than five per cent (5%) of the aggregate of the proposal must accompany each bid, which must be enclosed in a sealed envelope marked "Proposal for Cast Iron Pipe," before filing with City Clerk.

The right to reject any and all bids is reserved to the City Council by provisions of said charter.

H.G.DENTON,
City Clerk of the City of Sacramento.

NOTICE TO BIDDERS

(City of Alameda—Copper Wire)

Notice is hereby given that the Board of Public Utilities of the City of Alameda will receive bids for furnishing the Electric Department with a quantity of Copper Wire, in accordance with specifications on file in the office of the Secretary of said Board, to which bidders are referred to for full particulars.

All bids must be sealed and marked "Proposal for Copper Wire" and must be delivered to the Secretary of the Board of Public Utilities, 1414 Park street, Alameda, Cal., before **5 o'clock p. m., Thursday, December 27th, 1923.** No bids will be considered which are handed in after the time mentioned.

The Board of Public Utilities reserves the right to reject any and all bids.

By order of the Board of Public Utilities, City of Alameda, Cal.

A. D. GOLDSWORTHY,
Secretary.

BIDS WANTED FOR EXTENSION TO STOREHOUSE

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for Extension to Storehouse, Pearl Harbor, Hawaii, Specification No. 4911" will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., February 6, 1924, and then and there publicly opened, for an extension to storehouse, at the Naval Operating Base (Supply Depot), Pearl Harbor, T. H. The extension will be two-story reinforced concrete, 171 feet 6 inches by 62 feet, with platform along one side, and will have built-up roofing, elevator, steel sash, metal covered doors, plumbing, and electric light and power systems. Drawings and Specification No. 4911 may be obtained on application to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $20, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, November 2, 1923.

NOTICE TO BIDDERS

(Chico Union High School District)

Pursuant to a resolution of the Board of Education of the City of Chico as a High School board in and for the Chico High School District, adopted in adjourned regular session December 11, 1923, notice is hereby given that the Board will receive sealed bids until the hour of **5 o'clock p. m., of January 2, 1924**, for laying approximately 1200 lineal feet of twelve-inch concrete irrigation pipe equipped with necessary stands and gate valves, for the Chico High School District, lo-

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

cated on Sacramento Avenue and the Esplanade, Chico, California.

All plans and specifications for such construction work may be obtained at the office of the Clerk of the High School Board of Trustees in and for Chico High School District, Municipal Building, Chico, California.

Bids must be made on proposal blanks obtained at the office of the Clerk, and said bids shall be signed by the bidder and accompanied by a certified check for at least five per cent of the amount of the bid or proposal, certified to by some responsible bank or banker and made payable to the Clerk of the High School District, or order, said certified check to be forfeited to and retained by the Chico High School District should the party or parties to whom the contract shall be awarded fail to enter into the contract after awarding, or to give bonds, as required.

Bids must be plainly marked on the exterior: Proposal for Laying Irrigation Pipe.

The successful bidder will be required upon the signing of the contract to furnish all necessary bonds for compliance with the laws of the State, both in the matter of guaranteeing the execution of the contract and in the matter of protection to material men and labor; also will be required to furnish all necessary compensation protection.

The High School Board of the Chico High School District reserves the right to reject any or all bids.

CHICO HIGH SCHOOL BOARD OF THE CHICO HIGH SCHOOL DISTRICT. By CHAS. H. CAMPER, Clerk

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., Until 2 o'clock P. M., on January 14, 1924,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor which special reference is made of portions of State Highway as follows:

Monterey County, a bridge 240 feet long and 21 feet wide between curbs across San Lorenzo Creek near King City (V-Mon-2-F), consisting of three 60-foot and two 30-foot reinforced concrete girder spans supported on piers and bents, together with about two-tenths (0.2) mile of approaches to be graded.

Orange County, between Huntington Beach and Corona Del Mar (VII-Ora-60-A&B), about eight and two-tenths (8.2) miles in length; eight and two-tenths (8.2) miles to be graded and three and five-tenths (3.5) miles paved with Portland Cement Concrete.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to de done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON,
Secretary.

Dated: December 17, 1923.

LEADS FOR BUSINESS

(Continued from Page 21)

REAL ESTATE—Lyman Russell & Co., 703 Market to Mills Bldg.
Bock & Houston, 4035 to 5326 Geary.
RESTAURANTS — Rafael Lopez, 527 Bryant.
Brown's Coffee Shop, 40 Sansome.
STEAM SPECIALTIES — Bailey Meter Co. (C. M. Bailey) 606 Howard to 661 Folsom.
STOCKS AND BONDS—Redmond & Co. (J. C. Wilson) 501-315 Montgomery.
A. E. Lewis, 485 California.
TAILOR — S. Lesman, 830 Market to 474 Geary.
TEAS—H. C. Fisher & Co., 693 Mission to 383 Brannan.
TRANSPORTATION — Mexican States Line, Pier 17 to Pier 25.
MISCELLANEOUS—Steiner Bros., 1522 San Bruno Ave.
Federal Telegraph Co., 155 Montgomery.
W. C. Dudley, Marvin Bldg.
California Distributing Co. 406 Montgomery.
Architect B. M. Clark, Palo Alto, has awarded contract $14,000, garage building Emerson and Hamilton Sts., Palo Alto.
ARCHITECTS—C. N. Miller and W. R. Yelland, Call Bldg.
ART METAL — Old Mission Kepper Kraft Inc., 171 2nd to 230 Howard
ATTORNEYS—Jared How, Mills Bldg. to 41 Sutter.
AUTOMOTIVE—Dodge Bros., 315 Montgomery.
New York Pacific Battery Co., 881 Post.
Minto & Anderson (repairs) 707 Treat Ave.
BARBERS—Frank Rizza, 524 Clement.
BEAUTY PARLORS—Richmond Beauty Shop, 4330 California.
BROKERS—Meyer & Phillips Co. (merchandise) 112 Market.
CHINESE MERCHANDISE—The Dair Tung, 44 Spofford.
DRUGS—Store opening NW Gough and Haight.
ELECTRICAL—Offenbach Electric Co., (1452 Market) 1346 Polk.
S. F. Electric Supply Co., 1262 Howard.
FINANCE — Capital Finance Co, 220 Montgomery.
FRINGE & BRAID—California Fringe Co., 437 Sutter.
GOWNS—Pierrette (450 Geary) 5340 Geary.
GROCERS—Lube's Grocery, 971 Sutter.
Charles Mills, 400 Waller.
Sunshine Stores, branch 3625 Sacramento.
IMPORTERS—Oriental Agency Co., 25 California.
LAUNDRY—Bush St. Franch Laundry, 722 Bush.
MACHINE WORKS — Lind Machine Works (with Oehlman Electric Wks.) 1728 Bryant.
MACHINERY—Whiting Corp. (cranes) 71 Main.
Industrial Drive & Equipment Co. (S. O. Otrich) 119 Jessie to 615 Howard
MFRS. AGENTS — C. A. Gilbert, 230 Howard.
MEN'S FURNISHING—Henry Bros. & Co. (mfrs.) 532 Jackson.
REAL ESTATE—M. H. Maher, 105 Montgomery to 564 Market.
Jos. Goldie, 440 Geary.
A. J. Hoey, 821 Market.
SIGNS—Andrews & Flatt, 40 Haight.
TAILORS—Max Kaplan, 1210 McAllister to 3218 Mission.
Z. O. Breglia, 1712 Church to 437 Duzoce Ave.
Progress Tailors, 760 Market.
MISCELLANEOUS — Business Utilities Co, 112 to 833 Market.
A. N. Roth & Co., 227 Stevenson to 996 Mission.
Warden & Lane, 1192 Pine.
Newmiller's McCoppin & Stevenson.
Sinapole Co., 507 Mission.
THEATRES—Ellis J. Arkush, owner of theatres in Burlingame, Redwood City and Palo Alto, has leased the theatre to be erected in San Mateo by B. Getz.
LEASES—Nov. 10, 23—Charles A Johnson to Mrs M K Harris—W Hyde 100 S Sutter W 1116-6 x S 37-6 7 years $1100 per mo.
Aug 6, 23—John and Sarah E Greeott to Cora V Gouguet—W Hyde betw Post and Sutter No 745 Hyde St 10 years $114,000.
ADVERTISING—M. P. Lewis, Hearst Bldg.
AUTOMOTIVE—MacDonald Truck & Tractor Co., re-opening 5th and Harrison.
Pacific Coast Motor Sales Co. (745 Polk) 142 Beale.
Folsom St. Garage, 757 Folsom.
BAKERIES—Rhode Island Bakery, 960 Rhode Island.
BEAUTY PARLORS—Mrs. J. Walters, 3166 16th.
CANDY—Tivoli Candy Store, 114 Mason to 332 Post.
CHIROPRACTORS — Dr. N. A. Houde, Gillette Bldg.
CLEANING & DYEING—New Orleans French Cleaning & Dyeing Works, 1437 Larkin.
Denver Cleaning & Pressing, 227 3rd.
DECORATORS — Ray Coyle Inc., 251 Post to 522 Powell soon.
DRESSMAKING—Miss Pauline Benesch 1424 California to 3971 Clay.
DRUGS—The Hub Pharmacy, 1 Gough soon.
ELECTRICAL—Valley Electric Co., 116 New Montgomery.
FRUIT—Golden Gate Fruit Store, 2421 Clement.
FURNITURE—Masonic Furniture Co., 975 McAllister.
Reliable Furniture Exchange, 940 McAllister.
GROCERS—Russin Hill Grocery (Comforti & Gianni) (599 Naples) 1560 Mason.
Tobber's Grocery, 1764 Hyde.
IMPORTERS—Rio Indio Import & Export Co., Spreckels Bldg. to 525 Market.
INSURANCE — Employers Indemnity Corp. (N. S. Parker) 315 Montgomery to Flatiron Bldg.
LADIES' APPAREL—Royal Worcester Corset Co. (L. A. Lefevre) (28 Geary) 554 Mission.
MACHINERY—McMyler Interstate Co. (locomotive cranes and conveying machinery) Mr. C. F. Wolfradt to open 625 Monadnock Bldg., Jan. 1.

BUSINESS OPPORTUNITIES

(Continued from Page 20)

7717—San Francisco. Gentleman with wide business and sales experience, taking world trade tour with San Francisco Chamber of Commerce Trade Delegation, desires to make arrangements with business houses interested in introducing or exploiting their products in all countries to be visited. Speaks several foreign languages. Splendid references. Full particulars at Foreign Trade Bureau.

7720—Osaka, Japan. Wholesale dealers in builders' supplies desire to purchase, immediately, quantity of gas lighters.

7722—Tientsin, China. Large engineering corporation solicits catalogs, price lists and other information regarding engineering equipment and supplies, tools, machinery, hardware and automobile accessories. Are also in the market for agencies for products not represented in China.

7724—Havelock, Nebraska. Manufacturer of motor trucks is desirous of securing the representation of a San Francisco export house, having direct representation in Japan.

7727—San Francisco, Cal. Gentleman with over a score of years experience in foreign trade in both Latin America and Europe, in selling and executive capacities, desires a connection with San Francisco export house. Best reference furnished.

7729—San Francisco. Gentleman establishing a commercial exhibit in Shanghai, offers San Francisco manufacturers and producers opportunity to reach Oriental market at minimum expense. Offers best references and desires to interview interested parties.

Engineering News Section

BRIDGES

WILLOWS, Glenn Co., Cal.—County supervisors will ask bids in immediate future to construct two conc. bridges, one at Wood St., and another across canal on South Tehama St. Each structure will cost approx. $10,000. Baynard Knock, county surveyor.

LAKEPORT, Lake Co., Cal.—County supervisors accept offer of State Highway Commission to construct 1¾-mi. of highway on Lake county side of Mt. St. Helena if county would finance construction of two bridges on the route. The bridges will cost approx. $14,000.

SANTA ROSA, Sonoma Co., Cal. — Until Jan. 16, 12 M, bids will be rec. by W. W. Felt Jr., county clerk, to const. rein. conc. culvert on New Occidental rd., at Indian Reservation, Supervisor Dist. No. 2, involv. 72.5 cu. yds. class A conc.; est. cost $2175. E. A. Puegh, county eng.

REDWOOD CITY, San Mateo Co., Cal. —Until Jan. 7, 10 a. m., bids will be rec. by Elizabeth M. Kneese, county clerk, to const. rein. conc. bridge over Butno creek in 5th Rd. Dist. Cert. chk. 10% payable to county req. Geo. M. Kneese, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—City Council sells $150,000 bond issue voted to finance construction of bridges within city limits. Wm. Popp, city engineer.

RED BLUFF, Tehama Co., Cal. — State Highway Commission has completed preliminary plans for reinforced conc. bridge over Cottonwood Creek between Shasta and Tehama counties and plans early construction, provided the Shasta county supervisors will assist in financing the project. Structure will be 400 ft. in length with clear roadway of 21 ft., consisting of six spans and approaches, each span 60 ft. long. Shasta county's share of cost would be approx. $25,000. R. M. Morton is state highway eng.

MADERA, Madera Co., Cal. — State Highway Commission will construct new bridge over Cowchilla river on through San Joaquin valley if Madera county will contribute $13,000 of the total cost. Action on the matter will come before the supervisors at the January session. J. O. Rue is county surveyor.

SAN RAFAEL, Marin Co., Cal.—T. McDougall & Son, San Rafael, at $1182 awarded cont. by supervisors to replank Walker Creek bridge in Road District 4.

SAN RAFAEL, Marin Co., Cal.—G. H. Fairbanks, Tomales, Calif., at $2495 awarded cont. by supervisors to const. rein. conc. and corru. iron culverts and fill on Tomales Bay Road in Supervisor Dist. 4.

EUREKA, Humboldt Co., Cal.—County Clerk Fred M. Kay instructed to advertise for bids to reconstruct cable suspension bridge over Klamath River at Weitchpec. A. J. Logan, county surv.

EVERETE, Wash.—Eng. M. M. Caldwill, Central Bldg., Seattle, preparing plans for $70,000 steel and concrete bridge to span Stillaguwamish river at Arlington.

DEL NORTE COUNTY, Calif.—Chief of Army Engineers has approved plans of California State Highway Commission for proposed bridge at Requa, Del Norte county, crossing Klamath river. R. M. Morton, state highway engineer.

MONTEREY COUNTY, Calif.—Until Jan. 14, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. bridge 240 ft. long, 21 ft. wide bet. curbs across San Lorenzo creek near King City, consisting of three 60-ft. and two 30-ft. rein. conc. girder spans supported on piers and bents, together with about 0.2-mi. of approaches to be graded. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—R. A. Meyerholz, San Jose, at $1085 awarded cont. by supervisors for floor system in Montague rd. bridge over Guadalupe creek. Other bids: Herschback and Sciarrino, $1250; John Doyle $1187; Harlan and North, $1174; surveyor's est. $1050.

RIVERSIDE, Cal.—Mercereau Bridge and Constr. Co., 313 N Ave. 22, Los Angeles awarded cont. by supervisors at $8343 to const. three pile trestle bridges, 93-ft., 162-ft. and 231-ft. in length, on the Temecula-Aguanga Rd., as follows: Dipping Springs bridge, Tripp bridge and Panba bridge, respectively.

ANTIOCH, Contra Costa Co., Cal. — War Department has approved plans for Antioch bridge from plans of Eng. Frank Reynolds, Forum Bldg., Sacramento. The structure will be financed by the Delta Bridge Corp., of which Aven J. Hanford, San Francisco, is president. The approved plans provide for an ascent from the Sherman Island side on an 850-ft. conc. trestle at a grade of 6%, 225-ft. of conc. span, a 300-ft. stationary steel span, a 300-ft. lift span, 2000 ft. of 100-ft. spans descending at a grade of 1½% and 850 ft. of concrete trestle on the Contra Costa county shore. Lift span, when raised, will give clearance above high water of 135 ft. and when in place, adjoining 300-ft. span would be 70 ft. above high water.

IRRIGATION PROJECTS

SAN DIEGO, Cal. — Representatives of Tijuana Irrigation Dist., Coronado Water Co. and San Ysidro Irrigation Dist. have applied to state division of water rights for permits to appropriate original and additional water rights on the Tijuana river. The coronado Water Co. and the Tijuana Irrigation Co. seek 5,000,000 & 8,000,000 gals daily respectively, and the San Ysidro Dist asks for water additional to the present supply.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

SAN BERNARDINO, Cal. — Mojave River Irrigation Dist. authorizes bond issue of $2,150,000 for proposed irrigation project for Apple Valley. The issue will be submitted to the state engineer for approval and will provide for const. of large reservoir on west fork of Mojave river; const. of main ditches and pipe lines and laterals to each 40-acre plot in the dist. The district embraces 27,676 acres, and the cost is estimated at $66.50 per acre. J. B. Lippincott, Central Bldg., Los Angeles, is the engr.

MADERA, Madera Co., Cal.—State Engr. W. F. McClure has formally approved the petition of the San Joaquin river water storage district, comprising 552,000 acres in Madera and adjacent counties. Holding that only land capable of intense cultivation should be included in the district, McClure has had the state engineers and district engineers busy during the past year determining what land is susceptible to irrigation. The present petition, which resulted from a compromise made in September of last year between the Madera irrigation district and the Miller and Lux interests, included the findings of these engineers. About $32,000,000 will be the cost of the system which will comprise several irrigation, drainage, and reclamation projects. Four reservoirs, two on the Fresno river, one on the Chowchilla river, and one on the San Joaquin river, will be built, the San Joaquin reservoir being the largest. The streams have an anual flow of 2,100,000 acre feet, which is considered sufficient for the acreage included in the district. The engineers for the district are at work on construction details now so that bonds may be voted as soon as possible. The $28,000,000 bond issue, which was voted several years ago by the Madera Irrigation District, was never used, owing to legal complications. The bonds were voted almost unanimously by the former district.

MANTECA, San Joaquin Co., Cal.—Santa Cruz Portland Cement Co., and Old Mission Portland Cement Co., San Francisco, awarded cont. by South San Joaquin Irrigation District to furnish approx. 2500 sacks of cement for canal lining. River Rock, Sand and Gravel Co., Riverbank, awarded cont. to fur. approx. 2500 sq. yds. sand.

BLYTHE, Cal. — Until Dec. 29, new bids will be received by directors of the Palo Verde Drainage Dist., at its office near Blythe, to const. portion of drainage system to be built by the dist. and known as the West Side Drain. Work consists of approx. 8 mi. of open drain, involving 300,000 cu. yds excav., together with the building of necessary bridges, flumes, and culverts for road and canal crossings. The structures involv 2000 lin. ft. piling; 50,000 ft. B. M. lumber; 250 lin. ft. metal flume; 50 yds. conc. Plans and spec. may be obtained from the office of the board upon payment of $10. A. T. Galloway, sec. Cert. check 10. F. F. Friend, chief engr. D. W. Murphy Hollingsworth Bldg., Los Angeles, consulting engr. This work was previously erroneously reported awarded to Foley Bros.

LIGHTING SYSTEMS

BAKERSFIELD, Kern Co., Cal. — City council, V. Van Riper, clerk, selects Novalux light for electrolier system in various sections of city and City Eng. W. D. Clark instructed to rush plans to completion. Standards will cost approx. $87.50 each.

FRESNO, Fresno Co., Cal. — City council will ask bids at once for furnishing lamp globes for street lighting during the year 1924. Wm. Stranahan, city engineer.

GRASS VALLEY, Nevada Co., Cal. — City council votes to install center suspension street lighting system in business section including portions of Main, Mill and Auburn Sts. Installation of a lighting system in the residential districts is contemplated.

SAN BERNARDINO, Cal. — Finley-Hunt Co. awarded cont. to const. lighting system on E St., bet. 5th St. and Highland Ave., at $42,895, and on D St., bet. Third St. and Highland Ave., at $48,750. Other bids were:

E St. System—Harry M. Rouse, $42,995; H. H. Walker, $46,596; A. C. Rice, $47,100; Osborn Elec. Co., $47,981; Fritz Zebrith, $49,983; Walker & Martin $54,800.

D St. System—H. W. Walker, $52,846, A. C. Rice, $53,208; A. W. Gardner, $53,490; Osborn Elec. Co., $54,243; Walker & Martin, $62,200.

MACHINERY & EQUIPMENT

OAKDALE, Stanislaus Co., Cal. — Oakdale Irrigation District at $12,309 purchases from Pawling and Harnishfeger a steam shovel to be used in enlarging canals, drainage work and extension of laterals in district.

RAILROADS

SEATTLE, Wash.—U. S. Steel Products Co., Seattle, at $85.05 per gross ton, submits only bid to Bd. of Pub. Wks. to fur. 90 tons of Lorain No. 451, 98-lb. sections of steel rails for municipal rlwy. system.

RESERVOIRS AND DAMS

VENTURA, Cal.—See "Waterworks," this issue.

PIPE LINES, WELLS, ETC.

SAN PEDRO, Cal.—Union Oil Co. will start work immediately on a 6-in. pipe line, 5 mi. in length, from the Torrance-Lomita field to the company's loading station at the harbor.

SEWAGE DISPOSAL PLANTS

INGLEWOOD, Cal.—City Engr. A. W. Cory preparing preliminary surveys for a sewage disposal system.

SANTA ROSA, Sonoma Co., Cal. — City council, Vida McL Doggett, clerk, will call election probably in February or March to vote bonds of $150,000 to finance construction of activated sludge sewage disposal plant. Clyde F. Smith, Berkeley, consulting sanitary engineer.

MADERA, Madera Co., Cal. — City trustees will enter into lease contract with Byron-Jackson Iron Works for 6-in. sewer pump and 15 h.p. motor to be installed at septic tank; est. cost $1700.

MISCELLANEOUS CONSTRUCTION

LOS ANGELES, Cal.—Pacific Elec. Railway, Pacific Electric Bldg., Los Angeles, authorized by State Railroad Commission to construct tunnel from its Hill Street station to Glendale Blvd. est. cost $3,000,000.

WATER WORKS

CHICO, Butte Co., Cal.—Until Jan. 2, 5 p. m., bids will be rec. by Chas. H. Camper, clerk, Chico High School District, to lay approx. 1200 lin. ft. 12-in. conc. irrigation pipe with stands, gate valves, etc. at Sacramento ave. and The Esplanade, Chico. **See call for bids under official proposal section in this issue.**

EL SEGUNDO, Cal.—Nelson & Frick awarded contr. by city trustees at $10,404.10 to trench, lay and backfill for various sizes pipe and installing gate valves, hydrants, etc. (labor only). The unit prices were (on trenching, etc. for pipe); 2000 ft. 10-in. pipe at 42c ft; 7460 ft. 8-in. pipe at 36c ft.; 7250 ft. 6-in. pipe at 29c ft; 11,500 ft. 4-in. pipe at 24c ft. Other bids were V. A. Thompson, $10,683.25; C. E. Green, $11,678.50; L. R. Webber $11,779; W. D. Walsh, $13,744.50; A. M. Loeb, $14,969.20; Marto Matick, $16,411; Geo. Mitchell, $16,741.20; Sidney Smith, $17,615.50.

VENTURA, Cal.—Engr. Charles Petit Ventura, authorized by council to reorganize water system of city. It is planned to install a new reservoir and put in other improvements; cost of reservoir, $12,000.

ORANGE, Cal.—City council will call election to vote on a $40,000 water bond issue. The proposed work will include a 1,000,000-gal. reservoir, 125 h.p. engine, 2 1000-gal. pumps, 10,000 ft. cast iron, 12 fire hydrants.

SACRAMENTO, Cal.—Until Jan. 3, 9 p. m., bids will be rec. by H. G. Denton city clerk, for fur. 57,000 ft. 6-in. c. i. pipe for water main extensions. **See call for bids under official proposal section in this issue.**

MIDDLETOWN, Lake Co., Cal.—Civic organizations back movement to construct reservoir near town and lay water mains in principal streets.

SAN FRANCISCO — Spring Valley Water Co., 425 Mason St., will install 1½-mi. of 8-in. water main to supply Hunter's point section; est cost $10,000.

MERCED, Merced Co., Cal.—R. Barcroft & Sons, Merced, at $1119.90 awarded cont. by Merced Union Grammar School District to install irrigation systems and John Muir and Galan schools. Other bids: Valley Plumbing and Sheet Metal Works, Merced, $1,415.61; Murray-Vincent Co., Merced, $1493.

VISALIA, Tulare Co., Cal.—City trustees contemplate purchase and improvement of privately owned water system. The system is owned by J. Sub Johnson who operates as the Visalia City Water Co.

MONTECITO, Cal. — James Currie, Burlingame, submitted low bid to Montecito county water dist., at $94,142.50 (all work complete or none), for ditching, backfilling, and laying cast iron water pipe, etc., for water works system. Leeds & Barnard, 705 Central Bldg Los Angeles, consulting engrs. Other bids were: W. B. Arndt, $100,710.75; A. J. Grier, $119,325.70; Cook & Co., $119,680.97; Chas. W. Schruth, $145,511.52; R. H. Travers, $152,404.75; E. H. Hunt (bid irregular).

GLENDALE, Cal.—Until 10 a. m. Jan. 3, bids will be received by council for the following: (1) three (3) 75 h.p. vertical three (3) phase, 6 pole, 50 cycle, 2200 volt, 40 degree squirrel cage induction motors for direct connection to centrifugal well pumps; (2) three automatic push button remote control starting equipment for above motors, equipped with overload and under-voltage release. Bidders to furnish spec; also may furnish bids on either item or on both. Cert. check 10%. A. J. Van Wie, city clerk.

ANACORTES, Wash.—City Engineer Short preparing estimates of cost for water works extension to take in Lake Campbell as a municipal water supply. Cost will run in neighborhood of $100,000.

PLAYGROUNDS AND PARKS

FRESNO, Fresno Co., Cal. — Fresno Hardware Co., Fresno, at $1.26 ft., awarded contract by Board of Education for fencing at public schools. Other bids: Standard Fence Co., San Francisco, $1.26 ft; West Coast Wire and Iron Works, $1.29 ft., all bids f. o. b. Fresno.

SEWERS & STREET WORK

SAN JOSE, Santa Clara Co., Cal.—J. A. Costello, 564 Market St., San Francisco, at $12,815 (Sec. 2, Bid D) for hyd. cem. conc. pavement, awarded cont. by supervisors to imp. Santa Clara and Los Gatos Rd. Complete list of bids follows:

Surveyor's estimate, Sec. 1, bid A—Hyd. cem. conc. pave, $74,875; bid B—Asphaltic conc. pave, $68,260; bid C—oil macadam pave, $42,800. Section 2—Hyd. cem. conc. $14,225.

Merced Concrete Pipe & Construction Co.: A—Hydraulic cem. conc. pave $75,282.25; bid D—Hydraulic cem. conc. pave, $14,283.54.

John Doyle: Bid A—Hyd. cem. conc. pave, $71,142; Sec. 1, bid B—Asph. conc pave, $65,537; bid C—oil macadam pave, $41,583.

Galbraith & Janes: Bid A—Hyd. cem. conc. pave, $83,900.

Granite Construction Co.: Bid A—Hyd. cem. conc. pave, $93,600; bid — oil macadam pave, $41,875; Sec. 2, bid D—Hyd. cem. pave, $17,400.

W. A. Dontanville: Bid A—Hyd. cem. conc. pave, $85,330; Sec. 2 bid D—Hyd. cem. conc. $17,000.

J. A. Costello, Jr.: Sec. 1, bid B—Hyd. cem. conc. pave, $65,242; section 2, bid D—Hyd. cem. conc. pave, $12,815.

Raisch Imp. Co.: Sec. B—Asph. conc. pave, $59,890; sec. 2, bid C—Oil macadam pave, $55,500.

San Jose Paving Co. bid A—Hyd. cem conc. pave, $17,128; bid B—Asph. conc. pave, $64,800; Sec. 2, bid D—Hyd. cem. conc, $14,100.

OAKLAND, Cal.—Until Dec. 27, 12 M bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of 22nd ave., involv. grade and pave; const. curbs, gutters and walks. 1911 Act. Cert. chk. 10% payable to city req. W. W. Harmon city engineer.

OAKDALE, Cal.—Until Dec. 27, 12 M bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Meadow St., involv. grade and pave; const. curbs, gutters and walks. 1911 Act. Cert. chk. 10% payable to city req. W. W. Harmon city engineer.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

SAN JOSE, Santa Clara Co., Cal. — Until Jan. 7, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to remove waste material from county rock quarry near Saratoga, for period ending Jan. 1, 1925. Further information obtainable from clerk. Robt. Chandler, county clerk.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp:
27th Ave., bet. E-9th and E-10th Sts. involv. grade and pave; const. curbs, gutters and walks.
5th St., bet. Jefferson and Cypress Sts., involv. grade and pave; const. curbs, gutters, catchbasins, conduits, manholes and storm water inlets; reset existing granite curbs.
1911 Act. Protests Jan. 3. W. W. Harmon, city engineer.

SAN JOSE, Santa Clara Co., Cal. — Following bids rec. by supervisors to resurface San Jose and Alviso rd.:
Surveyors' est., material, $6, laying surface material per sq. ft. $.01¾.
Raisch Imp. Co., material, $8.90; resurfacing, $.03¾ sq. ft.
San Jose Paving Co., material, $8.75; surface, $.02½ sq. ft.
R. H. Crummey, material, $9.25; surface, $.03 sq. ft.
Taken under advisement. Robt Chandler, county surv.

SAN JOSE, Santa Clara Co., Cal.—Supervisors reject only bid submitted, that of San Jose Paving Co., at $17,130 to imp. Agnew rd. from Santa Clara and Alviso roads to Coffin rd. & county surveyor, Robt. Chandler to proceed with work by day labor. Est. cost, $12,400.

LOS ANGELES, Cal.—Lynn S. Atkinson, Jr., Chapman Bldg., submitted low bid to Bd. Pub Wks at $249,500 to const Sec. No. 8, of the North Outfall Sewer. Foss Constr. Co., Oschner Bldg., Sacramento, low bidder on Sec No. 4 at $303,-300; Callahan & Cooney low on Sec. No. 6, at $298,000; and on Sec. No. 9, Thomas Kelly & Sons, 815 S Hill St., were low on (a) semi-elliptical plan, at $165,516, and Charles R. Adams on precast conc. plan, at $137,500.
Atkinson added to his bid a proposal to deduct 3% if awarded contrs. for Secs. 4, 6 and 8. Smith Bros., Inc. and W. E. Callahan Constr. Co. added a proposal to const. all sections for $1,-213,000. The bids were:
Sec. 4—11,050 ft. semi-elliptical plan sewer with depth of 10 ft. 6-in. in place complete: Ross Constr. Co., $303,300; Thomas Kelly & Sons, $311,843; The Geo. R. Cooke Co., $315,900; Smith Bros Inc. and W. E. Callahan Constr. Co., $319,000; Lynn S. Atkinson, Jr., $319,500
Sec. No. 8—10,906.22 ft semi-elliptical sewer, depth 10 ft. 6-in. ; Lynn S. Atkinson, Jr., $249,500; Thomas Kelly & Sons, $294,295; Thomas Haverty Co., $297,500; The Geo. R. Cooke Co., $312,-700; Joe Chutuk, $323,000; Ross Constr. Co., $320,000; C. E. Green, $336,000; Smith Bros., Inc., and W. E. Callahan Constr. Co., $339,000; Clinton Constr. Co. of Cal., $430,000.
Sec. No. 6—15,197.94 ft semi-elliptical sewer with depth of 10 ft. 6 in.; Callahan & Cooney, $298,000; Lynn S. Atkinson, Jr., $349,500; Smith Bros., Inc., & W. E. Callahan Constr. Co., $362,000; Thomas Haverty Co., $425,500; Ross Constr. Co., $463,000; Clinton Constr. Co. of Cal., $520,000; Thomas Kelly & Sons, $574,227.
Sec. No. 9—6294.32 ft. sewer in place (a) semi-elliptical plan; (b) precast conc.: Thomas Kelly & Sons, (a) $165,-516; J. W. Johnson, (a) $170,000; C. A. Spicer, (a) $182,600; C. E. Green, (a) $188,000; (b) $138,468; Chas. R. Adams, (b) $137,500; Smith Bros., Inc. and W. E. Callahan Conatr. Co., (a) $228,000, (b) $235,500; Thomas Haverty Co. (a) $238,500, (b) $189,800.

WALLA WALLA, Wash.—City council will construct by day labor new trunk sewer in northwest section of city this winter to provide work for unemployed.

ORANGE COUNTY, Calif.—Until Jan. 14, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. 8.2-mi. of highway in Orange county; 8.2-mi. to be graded and 3.5 mi. to be paved with Port. cem. conc. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SACRAMENTO COUNTY, Cal.—Kaiser Paving Co., American Bank Bldg., Oakland, at $283,666.50 (Engineer's est. $334,442.25), awarded cont. by State Highway Commission to pave with Port. cem. conc. 9 miles in Sacramento county, bet. Old Elk Grove and city of Sacramento, involv. 10,200 cu yds roadway excav. without classification; 47,-663 lin. ft. subgrade (preparing and shaping); 21,370 cu. yds. class A Port. cem. conc. (pavement).

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St. submitted only bid to Bd. Pub. Wks. to imp. Leesdale St., bet. Hazeltine Ave. and 100 ft. east of Pacoima Ave., involv grading at $10,-000 (lump sum); 766 ft. curb 70c ft.; 240,015 sq. ft. 6-in. conc. paving 25.5c ft.; cem. pipe culvert $200; two wooden trestle bridges each 700 ft. long at $37,886 (lump sum).

SAN JOSE, Santa Clara Co., Cal. — Raisch Imp. Co., 46 Kearny St., San Francisco, only bidder at $3068 awarded cont. by supervisors to imp. McLaughlin Ave. Surveyor's est. $2875.

SEATTLE, Wash.—Goetz and Brennan, Seaboard Bldg., Seattle, at $359,-004 awarded cont. by Bd. Pub. Wks. to grade and pave Youngstown Place and other streets.

LOS ANGELES, Cal.—Tropico Potteries, Inc., submitted the only bid at $184 per M for fur. 55,000 vit. clay sewer lining blocks, model CS, for Sec. 9, north outfall sewer.
Western Reinforced Concr. Pipe Co. submitted only bid at $13.50 lin. ft. for furnishing 6002 ft. reinf. conc. pipe 8 ft 6 in. diam., with vit. clay lining for Sec 9, north outfall sewer.

PETALUMA, Sonoma Co., Cal.—City council, Lyman Green, clerk, declares inten. to const. 6-in. ironstone pipe sewer in Walnut St. from manhole in Kent St. to manhole in Oak St. 1911 Act & Bond Act 1915. Protests Jan. 7.

EUREKA, Humboldt Co., Cal.—Until Jan. 7, 7:30 p. m., bids will be rec. by Geo. B. Albee, City Supt. of Schools, to grade Del Norte St., from east side of J St. to west side of N St., involv. approx. 9000 yds. Cert. check 5% payable to Eureka High School District req. Specifications obtainable from above.

LOS ANGELES, Cal.—Chalmers and Ford submitted low bid to Bd. Pub. Wks. to imp. Hi-point St., bet. Pico and Airdrome Sts., involv. grading at $14,850.43 (lump sum); 153,194 sq ft. oil and roll 6c ft; 11,193 ft. curb 60c ft; 56,199 sq. ft. walk 18c ft; 23,648 sq. ft. gutter 32c ft.; cem. pipe culvert, $75 (lump sum).

LOS ANGELES, Cal.—C. W. Shafer, 3301 S Hill St., submitted low bid to Bd. Pub. Wks. to imp. Armstrong Ave. bet. Edgewater Terrace and Ayr St., involv. grading at $4000 (lump sum); 52,516 sq. ft. conc. paving 23.7c ft.; 3510 ft. curb 70c ft; 14,103 sq. ft. walk 21c ft.

SANTA MONICA, Cal.—Until 10 a. m. Dec. 28, bids will be rec. by council to imp. Stanford St., bet. Colorado Ave. & Wilshire Blvd.; grade and pave; const. cem. conc. curb and walk; bringing manholes to grade; const. 6-in. cem. pipe hse. sewers; 1911 act. John A. Morton, comm. of public works.

LOS ANGELES COUNTY, Calif. — Williams and Singletary, Colton, Calif. at $47,724 (engineer's estimate, $51,-291.50) awarded cont. by State Highway Commission to grade 10.4-mi. in Los Angeles county, bet. Quail Lake and north boundary, involv. 40,000 cu. yds. roadway without classification; 4000 sta. yds. overhaul; 1000 cu. yds. excavation without classification; 500 cu. yds. class "A" Port. cem. conc. (culverts); 12 lin. ft. 12-in., 850 lin. ft. 18-in. and 282 lin. ft. 24-in. corrugated metal pipe. Comm. will furnish corru. metal pipe.

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by Fred M. Kay, county clerk, to widen road between Samoa & Arcata over peninsula. Road will be widened to 20 ft. from Mad river slough bridge to Samoa, approx. 4½ miles in all. A. J. Logan, county surv.

EUREKA, Humboldt Co., Cal.—County supervisors, Fred M. Kay, clerk, vote to expend $165,000 in road improvements during 1924. Program follows:
District No. 1, $40,000 for a road from Capetown to Petrolia.
District No. 2, $40,000 for a road from Grizzly Creek to Bridgeville.
District No. 3, $30,000 to be spent in completing the Lord-Ellis road.
District No. 4, $20,000 to be spent in widening and improving the road on the peninsula between Arcata and Samoa.
District No. 5, $35,000 for improvements on the road from Willow Creek to the Klamath River at Weitchpec. Of latter appropriation of $35,000, the sum of $30,000 will be spent on the road bet. Willow Creek and Hoopa, while the remaining $5000 will be used to complete the route along the Trinity from Hoopa to Weitchpec. A. J. Logan is county surveyor.

SAN FRANCISCO—Fay Imp. Co, Phelan Bldg., at $18,818.86 submits low bid to Bd. Pub. Wks. to imp. Rhode Island St., bet. Mariposa and 19th Sts., involv 40,000 sq. ft. conc. pave; 14,052 sq. ft. asph. conc. pave; 1600 lin. ft. conc. curb; 264 lin. ft. granite curb; 9 br. catchbasins. Jas. M. Smith next low at $19,557.86.
City Const. Co., 112 Lyon St., at $5,-681.12 low bidder to imp. Bosworth St., bet. Hamerton and Burnside, involving 890 cu. yds. cut; 561 lin. ft. conc. curb; 474 sq. ft. art. stone walks; 6 br. catchbasins; 140 lin. ft. 10-in. culverts; 6200 sq. ft. conc. pave and 4406 sq. ft. asph. conc. pave.

SAN FRANCISCO—Eaton and Smith, Tacoma and Ocean Ave., at $30,552.50 submits low bid to Bd. Pub Wks. to grade and install culverts for Ocean View extension of Municipal Railway. L. J. Cohn, next low at $39,178. Project involv. 64,000 cu. yds. excavation, haul under 400 ft.; 188,000 cu. yds. excavation, equivalent to 100 ft. overhaul; 100 cu. yds. excavation, or embankment for culverts; 28,000 sq. yds. top soil removed, store and replaced; 70 lin. ft. 8-in. dia. No. 16 gauge pipe culverts; 200 lin. ft. 18-in. dia. No. 14 gauge pipe culverts; 155 lin. ft. 24-in. dia. No. 14 gauge pipe culverts; 50 lin. ft. 36-in. dia. No. 36 gauge pipe culverts; 50 cu. yds. conc. in headwalls, wings and aprons.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. — Junction Valencia — Phone Market 8926
24 VAN NESS AVENUE — Near Market

SAN RAFAEL, Marin Co., Cal.—Supervisors reject bids rec. Dec. 4 to scarify, shape and surface with rock or gravel a portion of county road leading from Fairfax to Olema from Station 53+50 Manor to White Hill Survey to the summit of Whites Hill in Road District 2. Work will be done by day labor.

SAN FRANCISCO—Eaton & Smith, Ocean and Tara Sts., at $38,667.65 submits low bid to Bd. Pub. Works to imp. Wilde ave., bet. Delta and San Bruno Aves., est. cost $38,000. Project involv. 7100 cu. yds. cut, 1035 cu. yds. fill, 75 lin. ft. 12-in. sewer with 2 wye branches, 1 br. manhole, 16 br. catchbasins, 500 lin. ft. 10-in. culvert, 4388 lin. ft. conc. curb, 1610 sq. ft. art. stone walks, 19,200 sq. ft. conc. pavement and 71,225 sq. ft. asph. conc. pavement. Raisch Imp Co. next low bidder at $40,508.53.

DALY CITY, San Mateo Co., Cal.—City votes bonds of $30,000 to finance extension to water system in Crocker Tract. Geo. A. Kneese, City Eng.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to fur. conc. aggregate for Sec. No. 4 to Sec. No. 8, incl., of North Outfall Sewer, involving (a) 24,000 tons sand and Por Secs. 4 and 5 f. o. b. cars on sidings of the P. E. Ry. at Hyperion or Playa del Rey; (a) 48,000 tons sand distributed along the line of Secs. 6, 7 and 8, of the North Outfall sewer shown on Map 5371, city to provide access to sewer line; (c) 34,000 tons rock for Secs. 4 and 5; (d) 69,000 tons rocg distributed along the line of Secs. 6, 7 and 8, were as follows:

Blue Diamond Materials Co.—3, c, $1.90 per ton; 4, d, $1.72 per ton (frt. via Santa Fe from Corona to Inglewood to be paid by the city additional).

Consumers Rock & Gravel Co.—1, a, 95c; 2, b, $1.85; 5, a and b; a, 95c; b, $1.85; 6, a, and c; a, 95c; c, $1.70; 7, b and d; b, $1.85; d, $2.60; 9, a, b, c and d—a, 95c, b, $1.85; c, $1.70; d, $2.60.

Fewel-Webb Co.—1, a, plus frt. charges to be paid by city); 2, b, $1.27; 3, c, 75c; 4, d, $1.58.

Wm. Radcliffe—2, b, $1.79.

Union Rock Co.—1, a (f. o. b. cars, plants, Puente, Largo, Kincaid, Rivas, Crushton, their option, no correction for moisture), 25c; 2, b, (no penalties—ship as ordered if cars available—city to accept at plants, pay frt. and unload and haul at its own expense), 25c; 5, a and b; a, and b (f. o. b. plant company's option), 25c; 6 and c; a, 25c; c, 75c; 7, b and d; b and d, 75c.

PHOENIX, Ariz.—Surveys for const. of stretches of road which state highway dept. contemplates building in the next few months are in progress. The surveys include 8 mi. of paving on Tombstone-Bisbee road, a new road from Safford south to the Tombstone-Bisbee road, a proposed cut-off at Dome on the Phoenix-Yuma road, 7 mi. of paving from Safford east, construction of road from Nada to Hot Springs Junction and a part of the road from Congress Junction to White Spar on the Phoenix-Prescott road. It is expected that bids will be called within a short time for the paving to be laid on the Tombstone-Bisbee road for the paving east of Safford. W. W. Lane, acting state engineer.

SOUTH SAN FRANCISCO, San Mateo Co., Cal—City Eng. Geo. A. Kneese preparing spec. to pave alleys in five blks as follows: bet. Grand and Baden, Maple and Magnolia Aves.; bet. Railroad and Commercial, Linden and Orange Aves.; bet. Baden and Grand Aves. and from the grounds of grammar schoo. to Orange Ave.; bet. Grand and Miller Spruce and Locust Aves.; bet. Commercial and Baden, Linden and Orange Avenues.

SAN DIEGO, Cal.—Until 10:30 a. m., Dec. 31st, bids will be rec. by City Clk. A. B. Wright to imp. Falcon and Lewis Sts. and Ft. Stockton Dr., involv. 113,393.96 sq. ft. pave with 1½-in. asph. conc. top on 2½-in. bitum. base; 3308 sq. ft. cem. conc. sidewalk; 672.34 lin. ft. 8-in. cem. conc. curb; 240.08 lin. ft. 6-in. cem. conc. curb; 429.08 lin. ft. 10-in. cem. conc. curb; 2 6-in. cem. conc. sewer laterals; 3 4-in. cem. conc. sewer laterals.

Separate bids to imp. Sutter St., involving 87,777.39 sq. ft. paving with 1½-in. asph. conc. top on 2½-in. bitum. base; 105.75 sq. ft. cem. conc. sidewalk; 310 lin. ft. 6-in. conc. sewer; 5 6-in. cem. conc. sewer laterals; 3 4-in. cem. conc. sewer laterals. F. A. Rhodes, city engineer.

SAN DIEGO, Cal.—Council declares inten. to imp. Redwood, Palm, Bancroft 33rd, Felton, and 31st Sts., involving 10,229.8 cu. yds. earth excav; 10,912.4 cu. yds. earth embank; 7942.4 lin. ft. cem. conc. curb; 38,252.7 sq. ft. cem. conc. walks, 1 timber trestle bridge 180 ft. long; 110 ft. guard rail fence. F. A. Rhodes, city eng.

BURBANK, Cal.—Until 7:30 p. m., Jan. 15, bids will be rec. by city trustees to imp. Scott Rd. bet. San Fernando Blvd. and Central Ave., approx. 1800 lin. ft., grade and pave with 3-in. oil macad. Cert. check or bond 10%. F. S. Webster, city clerk.

COLUSA, Colusa Co., Cal.—Until Jan. 8, 3 p. m., bids will be rec. by T. D. Cain, county clerk, to grade 1.44-mi. of Roads Nos. 43 and 156 O. S. Colusa-Grimes Rd. beginning at state highway going to Meridian and terminating at south end of Rd. No. 179 N S., involv. 3800 cu. yds. earthwork, unclassified. Spec. obtainable from Asa G. Proctor, county surveyor.

SACRAMENTO COUNTY, Calif. — Following bids rec. Dec. 17 by State Highway Commission, Forum Bldg., Sacramento (R. M. Morton, state highway engineer), to pave with Port. cem. conc. 9-mi. of highway in Sacramento county bet. Old Elk Grove and Sacramento, involv. 10,200 cu. yds. roadway excav. without classification; 47,663 lin. ft. subgrade (preparing and shaping); 21,370 cu. yds. class A Port. cem. conc. (pavement):

Kaiser Constr. Co., Oakland...	$286,666
Twohy Bros.	289,240
Blanco & Taylor, Vallejo.....	304,639
Reynolds Ely Constr. Co., Utah	319,939
Blumenkranz & Vernon, Stktn.	330,121
General Constr. Co., S. F.....	332,883
Heafey, Moore & McNair, Oakland	337,337
Clark & Henery, Stockton....	339,957
Wilson B. Ellis, Berkeley.....	342,911
Galbraith & Janes, San Mateo	350,911
Isbell Constr. Co., Fresno.....	360,662
Engineer's estimate	334,442

NEVADA COUNTY, Calif. — Following bids rec. Dec. 17, by State Highway Cobb., Forum Bldg., Sacramento (R. M. Morton, state highway engineer), to grade 7.3-mi. in Nevada county, bet. Truckee and Boca, project involv. 56,650 cu. yds. roadway excavation without classification; 3600 str. yds. overhaul; 900 cu. yds. structure excavation without classification; 145 cu. yds class A Port. cem. conc. (culverts and monuments); 69 hundredweights rein. steel in place; 2082 lin. ft. 12-in., 356 lin. ft. 15-in., 598 lin. ft. 18-in., and 220 lin. ft. 24-in. corrugated metal pipe; 220 cu. yds. rubble (retaining walls); 158 monuments. Commission will furnish corru. metal pipe.

Irey & Holden, Lodi	$67,852
Skeels & Hudson, Auburn.....	91,494
Isbell Constr., Fresno	91,494
King & Malone, Reno	91,710
Blumenkranz & Vernon, Stktn	111,375
Tieslau Bros., Berkeley.....	137,047
Engineer's estimate	95,500

EL MONTE, Cal.—Until 8 p. m., Jan. 14, bids will be rec. by city trustees to imp. portions of Columbia, Utah, Washington, Nevada, Tyler, California, Walnut, Amador and two alleys in the city of El Monte, involv. 13,303 lin. ft. curb; 46,558 sq. ft. conc. pavement; 25,124 sq. yds. cem. conc. pavement; 8329 lin. ft. sewers; 14 manholes; 6 flush tanks; 241 wyes; 8540 cu. yds. excav. (without curb); 9617 cu. yds. excav. (incl. curbs). Plans on file at office of city clerk and obtainable from city engineer, 209 National Bank Bldg., Monrovia, after Dec. 20, upon deposit of $5. Cert. check 10%. B. B. More, city clerk.

SANTA ROSA, Sonoma Co., Cal.—Until Jan. 16, 1 p. m., bids will be rec. by W. W. Fell Jr., county clerk, to const. Jenner-Mendocino county highway, bids previously received being rejected. The project involves 240,000 cu. yds. excavation; 50 cu. yds. "D" conc; 500 sq. ft. r.w. log cribbing, including ¾-in. drift pins; 5000 lin. ft. 12-in., 3500 lin. ft. 15-in., 1200 lin. ft. 18-in. and 900 lin. ft. 24-in. corru. iron pipe; 50 cu. yds. crushed rock. J. M. DeLucca, Oakland, at approx. $181,500 was low bidder under last opening. Spec. obtainable from E. A. Peugh, county surveyor.

SAN BERNARDINO, Cal. — Council declares inten. to const. 8-in. vit. pipe sewer in 11th St., bet. 140 ft. east of Mt. Vernon Ave. and L St., incl. 50 4-in. connecting sewers; one flushtank; converting one flushtank into one manhole. 1911 act.

Inten. declared to const. 8-in. vit. pipe sewer on A St., bet. 40 ft. so. of city limits and 45 ft. so. of Anderson alley, includ. 112 4-in. connecting sewers; 5 manholes; converting one flushtank into one manhole; 1911 act. J. H. Osborn, city clerk.

FRESNO, Fresno Co., Cal. — Until Jan. 3, 10:30 a. m., bids will be rec. by R. Y. St. George, city clerk, to imp. (Res. of Int. 6-D) Moroa Ave., bet. Weldon and pt. 135.2 ft. north of Terrace Ave. and Vassar Ave., bet. Moroa and College Ave., involv. grade; const. conc. curbs and gutters; cem. conc. walks; corr. metal culverts with manholes; pave with 3½-in. asph. conc. base with 1½-in. asph. conc. surface with liquid coat of asph. and rock screening surface. 1911 Act. Cert. chk. 10% payable to city req. Wm. Stranahan, city engineer.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of Castro St., involv. grade, $.03 sq. ft.; conc. curb, $.70 lin. ft.; conc. curb with steel guard, $1.10 lin. ft.; conc. gutter $.30 sq. ft.; 2-in. Warrenite-Bit. surface, 6-in. Port. cem. conc. base pavement, $.30 sq. ft.; 10-in. vit. pipe conduit, $2.80 lin. ft.; catchbasins, $85 ea.

PASADENA, Cal.—Jan. 10th is date set to vote $125,000 in bonds to const. outfall sewer drain from the municipal sewer farm to the Rio Hondo wash.

OAKLAND, Cal. — County supervisors will rock & oil Redwood extension of Skyline Blvd. if the work can be done as a permanent improvement and thereby comply with the law; est. cost $25,000. District Attorney will submit opinion. Geo. A. Posey, county surveyor

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

VENICE, Cal.—City trustees declare inten. to imp. Grand View Ave., bet. 40 ft. n.w. of Coeur d'Alene Ave. and Virginia Ave.; grade; pave with 1½-in. national pavement on 2½-in. asph. conc. base; const. curb, storm drain inlet, conc. driveway alterations; 1911 act. T. H. Hanna, city clerk.

SHASTA COUNTY, Calif.—Following bids rec. Dec. 18 by State High Commission, Forum Bldg., Sacramento(R. M. Morton, state highway engineer), to grade and surface with crushed gravel or broken stone, 9.9 mi. of highway in Shasta county bet. Bayha and Halfway Creek, the project involv. 401,500 cu. yds. roadway excavation without classification; 134,000 sta. yds. overhaul; 2500 cu. yds. structure excavation without classification; 19,400 cu. yds. crushed gravel or broken stone surface; 740 cu. yds. class A Port. cem. conc. (culverts and monuments); 751 hundredweights rein. steel in place; 500 cu. yds. rubble masonry (retaining walls); 4484 lin. ft. 18-in., 1280 lin. ft. 24-in. and 654 lin. ft. 30-in. corrugated metal pipe; 360 monuments. Commission will furnish corrugated metal pipe.

Nevada Contracting Co., Fallon, Nevada	$480,862
C. E. Crowley, L. A.	509,465
Palmer & McBryde, S. F.	511,754
Johnson Constr. Co., S. F.	511,882
A. J. & J. L. Fairbanks, S. F.	528,048
Morrison-Knudsen Co., Boise Idaho	533,182
Shattuck Const. Co., L. A.	566,585
J. P. Holland, S. F.	581,983
Twohy Bros., S. F.	588,321
J. G. Kern, Portland	591,096
Engineer's estimate	599,729

SANTA MONICA, Cal.—Commissioner John A. Morton and City Engr. Coffin have reported to council regarding proposed joint outfall for the beach cities to connect with L. A. outfall at Hyperion. The council voted to instruct the city atty. and the city engr. to consult with the representatives and at sessions of official bodies of those organizations which are interested in the move. Representatives of the city of Santa Monica, Venice, Los Angeles city, county of Los Angeles and Pacific Palisades Assn. at a special meeting held recently in Los Angeles, voted in favor of the project. The proposed sewer would run from Topango Canyon to Hyperion.

LOS ANGELES, Cal. — Sully-Miller Contr. Co., 250 Bennett St., Long Beach, awarded contr. by supervisors at $12,550 to const. oil macadam pavement, oil and rock screening shoulders; grade etc., in Orange Ave., bet. State St. and 118 ft. s of Hill St., under County imp. No. 16, involv. 2590 cu. yds. excav., incl. shaping at $1.40 yd; 5538 sq. yds. macadam pavement at $1.40 yd; 4264 sq. yds. olling and screening shoulders at 27c yd. Est. contr. price, $10,625.55. Aver. haul, .75 mi. from Burnett Station on P. E. Ry. Engr's est., $10,625.55.

RIVERSIDE, Cal. — Bids to const. Nuevo-Lakeview Road, approx 8-miles long, will be asked by the supervisors shortly. Est. cost $140,000; macadam pavement.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., San Diego, submitted low bid to council to imp. Spruce, Third, Front and Redwood Sts., involv. 126,939 sq. ft. 1½-in. asph. conc. on 2½-in. bitum. base 16.4c ft.; 157 sq. ft. walk 23c ft.; 379.92 ft. curb 68c ft.; 8 4-in. conc. sewer laterals $38 each; 6-in. cem. conc. sewer laterals $44 each; .52-ft. guard rail fence $80 (lump sum).

YREKA, Siskiyou Co., Cal. — Until Jan. 8, bids will be rec. by county supervisors to construct Dunsmuir High School rd. no bids being received under the last advertisement. Albert J. Parrott, county surveyor.

WHITTIER, Cal. — Griffith Co., 502 L. A. Ry. Bldg., Los Angeles awarded contr. by city trustees at $11,145 to imp. Walnut St., bet. Paint Ave. and Friends Ave., etc., involv. 30,510 sq. ft. grading 6c sq. ft.; 3301 sq. ft. walk 21.5c sq. ft.; 1680 ft. curb 55c ft; 132 ft. hse. sewers 75c ft.

SAN RAFAEL, Marin Co., Cal. — H. McGill, San Rafael, at $10,050, awarded contract by Board of Education to grade knoll at high school grounds.

LOS ANGELES, Cal. — City council has called special election for Dec. 18 in Municipal Imp. Dist. No. 21 (Westgate territory), to vote on a $400,000 (expenses est. at $30,000 additional) to improve various streets in dist. by grade and pave with 1½-in. warrenite-bitul. surface on 4-in. bitum. base; const. curbs, walks and gutters. Robert Dominguez, city clerk.

SAN FRANCISCO—Board of Public Works completes spec. to sewer 23rd St bet. Illinois and Third Sts., and Illinois bet. 23rd and 24th Sts., involv. 809 lin. ft. 15-in. ironstone pipe sewer; 24 15-in. wye branches; 8 br. manholes; 3 br. catchbasins; 90 lin. ft. 10-in. ironstone pipe culvert. Est. cost $4050.

SOUTH PASADENA, Cal.—New proceedings will be started to pave Edison Lane, involv. 17,300 sq. ft. 5-in. cem. conc. paving, as spec. No. 24 were named instead of spec. No. 18. Bids received Dec. 10 were returned unopened. Nettie A. Hewitt, city clerk.

RIVERSIDE, Cal.—County supervisors will expend approx. $74,100 to resurface with 2-in. oil-bound macad. pavement, approx. 13.92 mi. of county highway.

UPLAND, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, awarded cont. by council at approx. $25,000 to imp. 2nd ave., bet. 11th and 12th Sts., involv. asph. paving 26c sq. ft.; cem. gutter 22c sq. ft.; walk 17c sq. ft.; stone curbs 35c ft.

SAN FRANCISCO—Supervisors considering resolution which provides for paving Niles Canyon route to give paved highway from Livermore, Alameda county to Dumbarton, San Mateo county. Resolution is to the effect that a request be made of the State Highway Commission to co-operate in various plans of highway construction of the counties and the Dumbarton Highway Bridge Corp. so that all highways connecting with the Dumbarton bridge be completed by March, 1925.

RIVERSIDE, Cal. — Until Dec. 24, bids will be rec. by supervisors to const. Nuevo Rd., R. D. I. No. 14, involv. 96 ft. 12-in. corru. culv. pipe; 212 ft. 18-in. corru. culv. pipe; 698,000 sq. ft. 5-in. macad; 5000 cu. yds. grading; 27 cu. yds. class A conc. (culv.); 32.3 cu. yds. A conc. (pavement). J. P. Flynn, care Thomas & Flynn, 219 Loring Bldg. Riverside, engr. Plans, etc. obtainable from clerk on deposit of $7.50.

OROVILLE, Butte Co., Cal. — Until Jan. 7, 2:15 p. m., bids will be rec. by C. F. Belding, county clerk, to grade Oroville-Quincy rd. extending from Oroville city limits to Miner's Ranch for which $30,000 is provided in bond issue. Surfacing of road will be undertaken next spring. Harry H. Hume, county rd. eng.

MARYSVILLE, Yuba Co., Cal.—Until Jan. 8, bids will be rec. by W. M. Strief, county clerk, to imp. Marysville-Smartsville Rd. for approx 2½ mi. extending from Brady Ranch nr. Hammonton to pt near Smartsville on Marysville-Nevada City stage road. Spec. obtainable from County Surveyor Jason R. Meek.

SANTA ROSA, Sonoma Co., Cal. — County supervisors reject bids rec. Dec. 13 to const. Jenner-Mendocino county highway and bids ordered re-advertised to be opened Jan. 16. Approx. $140,000 is available for the work. Bidders were: Irey & Holden; J. M. DeLucca and P. L. Burr. E. A. Peugh, county surveyor.

SANTA ANA, Cal.—Until 2 p. m., Dec. 26, bids will be rec. by supervisors to resurface Edenger St., bet. Bristol St. and Greenville Rd., involv. 1550 cu. yds conc; 50,000 lbs. steel; 1000 sq. ft. removing old pavement; 650 cu. yds. gravel shoulders.

Separate bids to imp. Orange and Olive Aves., involv. 5000 cu. yds. old pavement; 2000 cu. yds. gravel for shoulders.

Separate bids to imp. Yorba bridge road, involv. 600 cu. yds. excav; 2700 lin. ft. shaping; 48,600 sq. ft. 5-in. asph. conc. paving; 1500 cu. yds. gravel and shoulders. Plans obtainable from J. L. McBride, county road comm., upon deposit of $5 for each project. Cert. check or bond 5%.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. 5th st., bet. Keyes and Virginia Sts., involv. grade; pave with 2-in. Warrenite-Bit. wearing surface on 3-in., hitulithic cem. conc. base; conc. curbs, gutters and walks; 4 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Jan. 7. Wm. Popp, city eng.

RIVERSIDE, Cal.—Until 10 a. m., Jan. 7, bids will be rec. by supervisors to haul crushed rock in dump and spreading same. Spec. on file at office of county supt. of roads. Deposit $5 for spec. Cert. check 5%.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

GLENDALE, Cal. — Until 10 a. m., Dec. 27, bids will be rec. by council to improve:

Windsor Rd., Garfield Ave. and Los Angeles St., involv. 91,550 sq. ft. grading; 91,550 sq. ft. 5.5-in. macad.; 2080 lin. ft. 4-in. class B water pipe complete.

Thompson Ave., bet. Glenwood Ave. and Kenneth Rd., involv. 61,825 sq. ft. grading; 2070 lin. ft. class B curb; 10,304 sq. ft. walk; 4155 sq. ft. conc. gutter; 27,018 sq. ft. 3-in. macad.

Concord St., Pioneer Dr., Fairmont Ave., Patterson Ave. and Doran St., involv. 83,600 sq. ft. grading; 2450 ft. curb; 12,350 sq. ft. walk; 150 sq. ft. 5-in. conc. gutter; 59,925 sq. ft. 3-in. macad.; 1020 ft. 8-in. class B water pipe; 658 ft. 4-in. class B water pipe; 93 ft. class B 6-in. water pipe.

Plans on file at office of city engr., Ben F. Dupuy.

LOS ANGELES, Cal.—Until 10 a. m., Dec. 31 bids will be rec. by Bd. Pub. Wks. to const. sewer in N Broadway, bet. Fremont Gate, Elysian Park and Solano Ave. Plans on file at office of city engr., 405 s city hall annex.

ARCADIA, Cal. — City trustees declare inten. to imp: Bonita St., bet. Santa Anita and Second Aves., grade; const. 5-ft. walks, curbs, reinf. conc. ornam lighting standards; 1911 act.

Inten. declared to imp. Alta St., bet. Santa Anita and Second Aves., cast cem. walks and curbs; 1911 Act.

Inten declared to imp. Genoa St., bet. Santa Anita and Second Aves.; const. 5-ft. walk, curb, reinf. conc. lighting standards; 1911 act. Ethel G. Farwell, city clerk.

HANFORD, Kings Co., Cal. — Calif. Const. Co., Hanford, awarded cont. by council to imp. portions of Dewey St., involv. 13,357 sq. ft. grading, $.035 sq. ft.; 13,357 sq. ft. 4-in. Bituminous base with 1½-in. Warrenite-Bit. surface pavement, $.234 sq. ft; 814 lin. ft. conc. curb, $.70 lin. ft; 1778 sq. ft. 5-in. conc. gutter, $.35 sq. ft.; 50 sq. ft. 8-in. gutter, $.54 sq. ft.

RIVERSIDE, Cal.—Geo. Pearson, La Verne, submitted only bid to supervisors Dec. 17 to imp. a north and south connection bet. the state and county highways from engrs. sta. 0 plus 00 to engrs. sta. 32 plus 31, this connecting link being about .5 mi. west of Whitewater station, involv. 3231 lin. ft. grading and shaping roadbed at 55c lin. ft.; 57,505 sq. ft. gravel base, 6-in. deep, at 9c ft.; 62 lin. ft. 24-in. corru. culvert, including head-walls, at $7 ft.; 26 lin. ft. 12-in. corru. culvert at $5.35 ft; 57,505 sq. ft. asph. surfacing at 6c sq. ft.

COLTON, Cal.—Hall-Johnson Co., P. O. Box 51, Lynwood awarded contr. by city trustes to imep. 9th St., involving 235,054 sq. ft. grade and pave with 5-in. conc. at 20.5c ft; 603 ft. curb at 50c ft.; 1328 sq. ft. walk at 18c ft.

LOS ANGELES, Cal—Until 10 a. m. Dec. 31, blds will be rec. by Bd. Pub. Wks. to Improve:

Vine St., bet. Yucca St. and Melrose Ave., involv. conc. paving; 12,086 sq. ft. 2-in. bitum. base paving; 10,431 ft. curb; 54,242 sq. ft. walk; 521 sq. ft. gutter; 834 ft. hse. sewers; storm drain san. sewer; lighting condit. 1911 Act.

Elmwood Ave., bet. Wilton Pl. and Van Ness Ave., involv. 15,540 sq. ft. warrenite-bitul. paving; 6 ft. curb; 1197 sq. ft. gutter. 1911 Act.

RIVERSIDE, Cal.—Hall-Johnson Co. P. O. Box 51, Lynwood, awarded contr. by supervisors at $115,000 to const. Nuevo-Lakeview Road involv. 96 ft. 12-in. corru. culvert pipe; 212 ft. 18-in. corru culvert pipe; 698,000 sq. ft. 5-in. macad; 5000 cu. yds. grading; 27 cu. yds. class A conc. (culverts); 32.3 cu. yds. class A conc. (pavement). Other bids were: R. T. Shea, $135,600; L. S. Atkinson, $141,000.

OROVILLE, Butte Co., Cal. — Chico Contracting Co., Chico, at approx. $44,500 submits low bid to city trustees to imp. portions of Lincoln, Oak, Pine Sts, etc., involv. grading; pave with 1½-in. Warrenite-Bitulithic surface on 2½-in. asph. conc. base; r.w. headers; cem. curbs and gutters. Municipal Imp. Co., Oakland, only other bidder at approx. $47,300.

VENTURA, Cal.—City trustees declare inten. to imp:

Main St., bet. 12th & 13th Sts.; grade pave with asph. conc.

5th St., bet. Santa Paula St. and 930 ft. north; grade; pave with cem. conc.

New St., bet. Ojai and Oak Sts., grade pave with asph. conc.; const. conc. curbs. 1911 and 1915 bond imp. act. M. G. Demarest, city clerk.

SAN LUIS OBISPO, Cal.—City Eng. W. B. Roselip preparing spec. for Beebee street storm drain.

LOS ANGELES COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Jan. 7, 2 p. m., to grade 13.1 mi. and pave with Port. cem. conc. 11.6 mi. in Los Angeles county, bet Shoup Ave. and west boundary. Project involv. 52,000 cu. yds. roadway excavation without classification; 2600 sta. yds. overhaul; 1200 cu. yds. structure excavation without classification; 2200 lin. ft. subgrade (preparing and shaping); 21,080 cu. yds class A cem. conc. (pavement & shoulders); 385 cu. yds. class A cem. conc. (structures); 250 hundredweights rein. steel in place (structures); 37,970 sq. yds. reinforcing steel in place (pavement); 146 lin. ft. 12-in., 210 lin. ft. 18-in., 294 lin. ft. 24-in., 102 lin. ft. 30-in. and 24 lin. ft. 36-in. corrugated metal pipe; 20 cu. yds. removal of broken concrete in existing base. Commission will furnish corru. metal pipe and cast iron covers for drop inlet culverts. R. M. Morton, state highway eng.

SACRAMENTO COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Jan. 7, 2 p. m. to pave with Port. cem. conc. 1.9-mi. in Sacraemnto county, bet. south boundary and r.r. crossing near Galt. Project involv. 4000 cu. yds. roadway embankment without classification; 75 cu. yds. structure excavation without classification; 9990 lin. ft. subgrade (preparing and shaping); 3980 cu. yds. class "A" cem. conc. (pavement); 30 cu. yds. class "A" cem. conc. (culverts and monuments); 20 hundredweights reinforcing steel in place; 574 lin. ft. 12-in., 86 lin. ft. 15-in. and67 lin. ft. 18-in. corru. metal pipe; 14 monuments. Commission will furnish corru. metal pipe. R. M. Morton, state highway eng.

SAN FRANCISCO.—As previously reported, Jas. M. Smith, Tara St. and Ocean Ave., at $30,552.50 submits low bid to Bd Pub. Wks. for Ocean View extension of municipal railway system, invilv. 64,900 cu. yds. excavation, haul under 400 ft.; 188,000 cu. yds. excavation, equivalent to 100 ft. overhaul; 100 cu. yds. excavation, or embankment for culvert; 28,000 sq. yds. top soil removed, store and replaced; 70 lin. ft. 8-in. dia No. 16 gauge pipe culverts; 200 lin. ft. 18-in. dia. No 14 gauge pipe culverts; 155 lin. ft. 24-in. dia. No. 14 gauge pipe culverts; 50 lin. ft. 36-in. dia. No. 36 gauge pipe culverts; 50 cu. yds. conc. in headwalls, wings and aprone. Complete list of bidders follow:

James M. Smith	$30,552
D. McDonald	38,505
L. J. Cohn	39,178
P. J. Burr	41,480
Guerin Bros.	41,611
Farrar & Carlin	44,244
Frank McIntire	44,592
Chas. Harlowe Jr.	44,790
Blumenkranz & Vernon	50,317
A. J. Granfield	50,821
Palmer & McBryde	57,347
Schultz Constr. Co.	60,270
Raisch Imp. Co.	82,082

PACIFIC GROVE, Monterey Co., Cal—City trustees, E. S. Johnson, clerk, declares inten. to imp. portions of Central and Fountain Aves., involv. grade and pave with 3½-in. asph. conc. base with 1½-in. Warrenite-bit. surface; conc. curbs and gutters; 8-in. corru. iron culverts; 15 catchbasins; two 15-in. conc. pipe culverts; 4 sidewalk crossings. 1911 Act & Bond Act 1915. Protests Jan. 7. H. D. Severance, city engineer.

SANTA BARBARA, Cal.—Until 7:30 p. m., Jan. 3 bids will be rec. by council to imp. Fernald Ave., bet. De La Guerra St. and 236 ft. N.W. grade and pave with 6-in. cem. conc.; const. conc curb, walk, 4-in. vit. pipe hse. sewers, manhole, etc.; 1911 act. S. B. Taggart, city clerk.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Printing

Modern, Efficient Methods, Up-to-date Machinery and Highly Skilled Workmanship plus an Honest Desire to Please assure

Quality and Service

Telephones
Garfield
3140
3141
3142

The Mercury Press
818 Mission Street
San Francisco

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4592	Costello	Owner	6000
4593	Hoge	Mangels	5000
4594	Raabi	Coburn	1000
4595	Richter	Owner	1000
4596	Sandow	Owner	5000
4597	Sellman	Thomas	8000
4598	Demartini	Lindeman	20000
4599	R C Archbishop	Owner	30000
4600	Aggens	Munster	4000
4601	Schultz	Schultz	20000
4602	Westgate	Mangels	9475
4603	Lindeman	Lindeman	12000
4604	Same	Same	12000
4605	Eastern	Tolulioff	1000
4606	Asplund	Doering	3500
4607	Bender	Lindgren	18000
4608	California	Ross	2500
4609	Myers	Britt	5500
4610	Hansen	Hansen	3000
4611	Hamill	Owner	7000
4612	Roselli	Owner	4000
4613	Stoff	Owner	30000
4614	Bowen	Christiansen	14200
4615	Paum	Lettich	4800
4616	Southern	Ostlund	119[illegible]
4617	Otis	Fuller	2779
4618	Halsey	Boxton	14728
4619	Siegen	Peterson	20000
4620	May	Meyer	8000
4621	Lloyd	Buschke	4000
4622	Rosenthal	Kragen	6000
4623	R C Archbishop	McIver	2915
4624	Franmeni	Owner	2000
4625	O'Connor	Elvin	2750
4626	Lind	Owner	2800
4627	Southern Pacific	Barrett	6000
4628	Brown	Owner	8000
4629	Cranurding	Owner	4000
4630	Raskin	Owner	9000
4631	Viets	Erickson	9000
4632	Larsen	Owner	7000
4633	Doud	Owner	3850
4634	Magill	Magill	6500
4635	Brogan	Owner	3000
4636	Cornelia	Buono	1800
4637	Steinuer	Neumarkel	9000
4638	Tansy	Ingraham	1400
4639	Blinn	Mangels	8461
4640	S. P. Co.	Wegner	20012
4641	Marchi	Owner	2950
4642	Dickson	Carlin	4600
4643	Warden	Hladik	7600
4644	Johnson	Morrow	6000
4645	Price	Riedy	5000
4646	Ferrerios	New	9000
4647	Clark	Nordstrom	2000
4648	Thompson	Miller	1500
4649	Gawthorne	Owner	6000
4650	Barzone	Fracchia	1500
4651	Battini	Owner	5000
4652	Hustin	Arnott	5300
4653	McCarthy	Arnott	5000
4654	McCarthy	Arnott	3000
4655	McCarthy	Arnott	3000
4656	Pacific	Monson	206774
4657	Barrett	Jenkins	12000
4658	Ohlson	Owner	7000
4659	Lipman	Meyer	4000
4660	Roos	Macdonald	35389
4661	Pereira	Owner	4000
4662	Blinn	Mangels	5000
4663	Nishkian	Hjul	22000
4664	Sproule	Owner	1200
4665	Brogan	Owner	3000
4666	Williams	Owner	2000
4667	Black	Owner	7000
4668	Gawthorne	Jones	12000
4669	Moran	Mallock	4950
4670	Women's Ex	Taylor	1500
4671	Price	Martin	5886
4672	R C Arshbishop	Raymond	6000
4673	Realty	Kay	1859

FRAMS FLATS
(4592) W TWENTY-FIFTH AVE 150 S California. Two-story and basemento frame (2) flats.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $6000

DWELLING
(4593) S YERBA BUENA 422 E Santa Paula. One-story and basement frame dwelling.
Owner—J. Hampton Hoge, 168 Sutter St., San Francisco.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $5000

ADDITION
(4594) NO. 21 NOE. Add two rooms to flats; painting, plastering, etc.
Owner—F. Raabi, Premises.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $1000

ALTERATIONS
(4595) NO. 1614 GEARY. Extend residence; brick foundation, etc.
Owner—N. W. Richter, 1614 Geary St., San Francisco.
Architect—None. $1000

FRAME FLATS
(4596) SW BALBOA AND TWENTY-fifth Ave. Two-story and basement frame (2) flats.
Owner—Harry L. Sandow, 709 25th Av., San Francisco.
Architect—None. $5000

FRAME FLATS
(4597) N BALBOA 77-6 E Sixteenth Ave. Two-story and basement frame (2) flats.
Owner—I. D. Sellman, 535 Waller St., San Francisco.
Architect—None.
Contractor—J. C. Thomas, 5429 Geary St., San Francisco. $8000

APARTMENTS
(4598) N CALIFORNIA 57½ and 82½ W Eleventh Ave. Two two-story and basement (4 in each bldg.) apartments.
Owner—C. and F. Demartini, 619 27th Ave., San Francisco.
Designer—W. R. Lindeman, 619 27th Ave., San Francisco.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco. $10,000 each

RESIDENCE
(4599) N GEARY 150 W Eighth Ave. Two-story concrete Class C residence.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—John O. Lofquist. $30,000

DWELLING
(4600) S LAUSSAT 30 W Buchanan. One-story and basement frame dwelling.
Owner—Henry Aggens, 543 Fell St., San Francisco.
Architect—None.
Contractor—Munster & Bornholdt, 1530 Broderick St., S. F. $4000

APARTMENTS
(4601) SW LEAVENWORTH AND Union. Three-story and basement frame (15) apartments.
Owner—Niels Schultz, 46 Kearny St., San Francisco.
Architect—Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—Schultz Constr. Co., 46 Kearny St., San Francisco. $20,000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLING
(4602) SW YERBA BUENA AVE 501.86 SE Santa Faula Ave SE 70.02 S 41° 50' W 100 NW 68.67 N 40° 54' 49" E 100 Ptn St. Francis Wood Extn. No. 2. All work for frame dwelling.
Owner—Westgate Park Co., 278 Post St., San Francisco.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Dec. 13, '23. Dated Dec. 12, '23.
Frame up $2368.75
Brown coated 2368.75
Completed and accepted..... 2368.75
Usual 35 days..... 2368.75
TOTAL COST, $9475.00
Bond, $4737.50. Sureties, Theresa Gamma and Jno. A. F. Steimke. Limit, 95 days. Forfeit, $5. Plans and specifications filed.

FRAME FLATS
(4063) E TWENTY-SEVENTH AVE 200 S Clement S 25 E 109-5¼ N 25 W 106-10. All work for two-story frame flats.
Owner—H. O. Lindeman, 619 20th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.
Filed Dec. 13, '23. Dated Nov. 23, '23.
Frame up and enclosed.....$3000
Rough plastered 3000
Completed 3000
Usual 35 days..... 3000
TOTAL COST, $12,000
Bond, none. Limit, 120 days. Forfeit, $3. Plans and specifications filed.

FRAME FLATS
(4604) E TWENTY-SEVENTH AVE 225 S Clement S 25x112-0½ N 25 W 109-5½. All work for two-story frame flats.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.
Filed Dec. 13, '23. Dated Nov. 23, '23.
Enclosed $3000
Rough plastered 3000
Completed 3000
Usual 35 days..... 3000
TOTAL COST, $12,000
Bond, none. Limit, 120 days. Forfeit, $3. Plans and specifications filed.

PORCH
(4605) NW GREEN AND VAN NESS Ave. Construct entrance porch for church.
Owner — Eastern Orthodox (Russian) Church Society, 1520 Green St., San Francisco.
Architect—A. Toluloff & M. Pestroro, 830 Monadnock Bldg., San Francisco. $1000

DWELLING
(4606) S HANCOCK 480 E Noe. 1-sto. and basement frame dwelling.
Owner—F. Asplund, 133 Howard St., San Francisco.
Architect—None.
Contractor—G. F. Doering, 1218 Masonic Ave., S. F. $3500

WAREHOUSE
(4607) E HARRISON 108 S 19th. One-story concrete warehouse.
Owner—John Bender, Monadnock Bldg. San Francisco.
Architect—Meyer & Johnson, 742 Market St., San Francisco.
Contractor — Lindgren-Swinerton, 622 Standard Oil Bldg., S. F. $18,000

SHED
(4608) HOOPER ST. BET. SEVENTH and 8th Sts. 1-story frame shed.
Owner — California Charcoal Co., 311 Calif St., San Francisco.
Plans by owners.
Contractor—D. W. Ross, 1440 15th Ave., San Francisco. $2500

STORE
(4609) N HOWARD 362 E 6th. 1-story and mezzanine floor concrete store.
Owner—L. A. Myers, 68 Post St., San Francisco.
Architect—None.
Contractor—O. W. Britt, 1257 1st Ave., San Francisco. $5500

DWELLING
(4610) E LATONA 125 S Bay View. 1-story and basement frame dwlg.
Owner—Samuel H. & Hazel A. Hansen, 1526 Hudson St., San Francisco.
Architect—None.
Contractor—S. H. Hansen, 1526 Hudson St., San Francisco. $3000

DWELLING
(4611) S MAGELLAN 100 E Cortez. 2-story and basement frame dwlg.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $7000

DWELLING
(4612) SW RUSSIA AND PARIS. 1-story and basement frame dwlg.
Owner—G. B. Rosselli, 473 London St., San Francisco.
Architect—None. $4000

APARTMENT
(4613) N SACRAMENTO 137-6 E Hyde 3-story and basement frame (12) apartments.
Owner—Louis D. Stoff, care architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $30,000

APARTMENT BLDG.
(4614) N ANZA 26-8 W 20th Ave. 26-8 x100. All work for 2-story frame apartment building.
Owner — John Bowen, 118 Woodland San Francisco.
Architect—None.
Contractor—Christiansen Bros 518 25th Ave., San Francisco.
Filed Dec. 14, 1923. Dated Dec. 1, 1923.
Deed of trust for $6700
Frame up 1875
Brown coated 1875
Completed and accepted..... 1875
Usual 35 days 1875
TOTAL COST, $14,200
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

FACTORY
(4615) N HOWARD BET. FIRST & 2nd No. 586 Howard. Plumbing, gas water and steam for a candy factory.
Owner—Benj. J. Baum Co., 415 Battery St., San Francisco.
Architect—Alfred H. Jacobs, 110 Sutter St., San Francisco.
Contractor—A. Lettich, 365 Fell St., San Francisco.
Filed Dec. 14, 1923. Dated Dec. 13, 1923.
Rough plumbing done 2400
Completed and accepted 1200
Usual 35 days 1200
TOTAL COST, $4800
Bond, $2400; Sureties, Standard Accident Ins. Co.; Forfeit, none; Limit, Jan. 24, 1924; Plans and specifications filed.

OFFICE
(4616) PRIVATE OFFICE FOR AGT. in Railroads Ferry Ticket Office.
Owner — Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—None.
Contractor—Ostlund & Johnson, 1901 Bryant St., San Francisco.
Filed Dec. 14, 1923. Dated Dec. 10, 1923.
End each month 75%
Usual 35 days 25%
TOTAL COST, $1192.65
Bond, $1192.65; Sureties, Union Indemnity Co.; Forfeit, none; Limit, 35 days; Plans and specifications filed.

GLAZING
(4617) SW GRANT AVE. & BEACH W 275 x S 137-6. Glazing for office & factory bldg.
Owner—Otis Elevator Co., premises.
Architect—None.
Contractor—W. P. Fuller & Co., Beale & Mission Sts.
Filed Dec. 14, 1932. Dated Dec. 10, 1923.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $2779
Bond, $1390; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, May 1, 1924; Plans and specifications filed.

RESIDENCE
(4618) LOTS 13 & 15 BLOCK 24 ST Francis Wood Extn. No. 2. All work for 2-story frame residence and garage.
Owner—Gerald C. and Cordelia P. Halsey, 275 Bush St., San Francisco.
Architect—Harold G. Stoner, Flatiron Bldg., San Francisco.
Contractor—George W. Boxton & Walter C. Zweig, Flatiron Bldg., San Francisco.
Filed Dec. 14, 1923. Dated Dec. 13, 1923.
Payments of actual cost of labor and material on 1st and 15th each mo.
TOTAL COST—Cost plus 10%; not to exceed $14,728.
Bond, $7500; Sureties, D. M. Hueter & E. C. Hueter; Forfeit, none; Limit, 180 days after Jan. 2, 1924; Plans and specifications filed.

WAREHOUSE
(4619) SW HOWARD AND ERIE STS. One-story reinforced concrete warehouse.
Owner—Siegen Realty Co., 233 Lick Bldg., San Francisco.
Plans by Owner.
Contractor—H. L. Peterson, Lick Bldg., San Francisco. $20,000

DWELLINGS
(4620) E TWENTY-THIRD AVE 200 and 225 N Balboa. Two one-story and basement frame dwellings.
Owner—Louis May, 603 First National Bank Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $4000 ea

INDUSTRIAL PLANT
(4621 N HOWARD 125 W Russ. One-story concrete light manufacturing plant.
Owner—Morgan H. Lloyd, 185 Stevenson St., San Francisco.
Architect—None.
Contractor—Buschke & Brown, 185 Stevenson St., San Francisco $4000

ALTERATIONS
(4622) NO. 970 MARKET. Extend show windows; construct stairs to basement.
Owner—Rosenthal Sales Stores, 49 Battery St., San Francisco.
Architect—None.
Contractor—Louis Kragen, 661 Golden Gate Ave, San Francisco. $6000

CHURCH
(4623) N MISSION bet. Third and Fourth Sts. Granite work for 3 flights of stairs and recutting buttresses for St. Patrick's Church.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—Grace & Bernieri, Claus Spreckels Bldg., San Francisco.
Contractor—Angus McIver & Co., 754 De Haro St., San Francisco.
Filed Dec. 15, '23. Dated Nov. 23, '23.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $2915
Bond, $1457.50. Surety, Globe Indemnity Co. Limit, 60 days. Forfeit, none. plans and specifications filed.

DWELLING
(4624) SE BROMPTON 275 SW Bosworth. One-story and basement frame dwelling.
Owner—O. Franmeni, 125 Wool St., San Francisco.
Architect—None. $2000

SHOP
(4625) S CLARA 225 W Fifth. One-story frame shop.
Owner—John O'Connor, 383 Elsie St., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg, San Francisco.
Contractor—Arthur Elvin, 180 Jessie St., San Francisco. $2750

DWELLING
(4626) W CAPITOL 1700 N Holloway. One-story and basement frame dwelling.
Owner—Oscar Lind, 1162 Capitol Ave., San Francisco.
Architect—None. $2800

AWNING
(4627) N CHANNEL bet. Third and Fourth Sts. Erect steel awning over platform.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—J. H. Christie, 65 Market St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $6000

FLATS
(4628) E DOLORES 34 and 49 S Duncan. Two two-story and basement frame flat buildings (2 flats each).
Owner—Ward C. Brown, 2945 Harrison St., San Francisco.
Architect—None. $4000 each

DWELLING
(4629) N DE MONTFORD 50 W Capitol. One-story and basement frame dwelling.

Owner—H. B. Cranurding, 356 Sanchez St., San Francisco.
Architect—None. $4000

FLATS
(4630) N FULTON 52-6 E Fifteenth Ave. Two-story and basement frame (2) flats.
Owner—S. Raskin, 731 Baker St., San Francisco.
Architect—None. $9000

FLATS
(4631) N FULTON 57-6 W Sixteenth Ave. Two-story and basement frame (2) flats.
Owner—Geo. Viets, 5954 16th Ave, San Francisco.
Plans by Owner.
Contractor — Erickson & Beyson, 844 Cabrillo St., San Francisco. $9000

DWELLINGS
(4632) W JULES AVE 157 and 175 N Holloway. Two two-story and basement frame dwellings.
Owner—S. Larsen, 146-A Highland Ave. San Francisco.
Architect—None. $3500 each

DWELLING
(4633) N RICHLAND AVE 275 E Murray. One-story and basement frame dwelling.
Owner—Wm. H. Doud, 3128 21st St., San Francisco.
Architect—None. $3850

FLATS
(4634) E TWENTIETH AVE 125 S Cabrillo. Two-story and basement frame (2) flats.
Owner—W. W. Magill, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $6500

DWELLING
(4635) W TIFFANY AVE 657 N 29th. One-story and basement frame dwelling.
Owner—Jas. S. Brogan, 3226 Mission St., San Francisco.
Architect—A. G. Rizzoli, 2897 Folsom St., San Francisco. $3000

ALTERATIONS
(4636) NO. 558 THIRTY-FOURTH Ave. General alterations and repairs to dwelling.
Owner—S. Cornelia, Premises
Architect—E. A. Evans, 454 California St., San Francisco.
Contractor—S. Buono, 42 Curtis St., San Francisco. $1800

FLATS
(4637) N GREENWICH 25 E Broderick. 2-story and basement frame (2) flats.
Owner—J. S. Steinuer and E. A. Neumarkel, 544 Market St., San Francisco.
Architect—E. A. Neumarkel, 544 Market St., San Francisco. $9000

ADDITION
(4638) 1996 GREEN ST. Add sleeping porch and bay window for dwlg.
Owner—M. J. Tansey, premises.
Architect—None.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco. $1400

RESIDENCE
(4639) LOT 16 BLK 21 RESUB. BLK. 18 & 21 & Ptn Lettered Blks P, Q, R, S St. Francis Wood Extn 2. All work for frame residence.
Owner—Vivian B. Blinn, 100 Edgewood Ave., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Dec. 17, 1923. Dated Dec. 11, 1923.
Frame up $2115
Brown coated 2115
Completed and accepted 2115
Usual 35 days 2116
TOTAL COST, $8461
Bond, Sureties, none; Forfeit, $5 day; Limit, 100 days; Plans and specifications filed.

TICKET OFFICE
(4640) NO. 65 GEARY. All work for construction of ticket office.
Owner — Southern Pacific Co. S. P. Bldg., San Francisco.
Architect—None.
Contractor—A. Wegner, 180 Jessie St., San Francisco.
Filed Dec. 17, 1923. Dated Dec. 12, 1923.
Each month 75%
Usual 35 days 25%
TOTAL COST, $20,012
Bond, $20,012; Sureties, United States Fidelity & Guaranty Co.; Forfeit, none; Limit, 35 days; Plans and specifcations filed.

DWELLING.
(4641) NE BRAZIL 50 NW Madrid. One-story and basement frame dwelling.
Owner—A. Marchi, 6836 Mission St., San Francisco.
Architect—None. $2950

DWELLING.
(4642) E BENNINGTON 25 N Highland Ave. One-story and basement frame dwelling.
Owner—Mary R. and D. M. Dickson, 333 Cortland Ave. San Francisco.
Architect—None.
Contractor—C. J. Carlin, 334 Richland Ave., San Francisco. $4600

DWELLINGS.
(4643) E ELEVENTH AVE., 225 N Noriega. Two 1-story and basement frame dwellings.
Owner—Fred Warden, 1515 11th Ave., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $3800 each.

GARAGE.
(4644) S GEARY 100 W Boyce. One-story brick public garage.
Owner—Manfred Johnson, 1920 Pine St., San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco. $6000

SHOP.
(4645) S HARRISON 30 NE Tenth. One-story class C reinforced concrete shop.
Owner—Merton J. Price, 850 Pacific Bldg., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco. $5000

DWELLINGS.
(4646) W HOFFMAN AVE., 85 110 135 N 25th. Three 1½-story and basement frame dwellings.
Owner—L. Ferrerios, 3289 Mission St., San Francisco.
Architect—None.
Contractor—New Era Bldg. Co., 3289 Mission St., San Francisco. $3000 ench.

ALTERATIONS.
(4647) 1463-65 POWELL ST. Install plate glass front; hardwood oors in show windows.
Owner—G. Clark, Berkeley, Calif.
Architect—W. H. Ratcliff, Berkeley, California.
Contractor — David Nordstrom, 4146 Emerald St., Oakland. $2000

ADDITION.
(4648) 1170 JACKSON ST. Construct 3-room apartment in basement.
Owner—Albert Thomson, 1170 Jackson St., San Francisco.
Architect—Plans by owner.
Contractor—Fred Miller, 225 Dolores St San Francisco. $1500

FLATS.
(4649) E SIXTH AVE., 275 N Balboa. Two-story and basement (2) ats.
Owner—Dr. F. A. Gawthorne, 708 Phelan Bldg., San Francisco.
Architect—None. $6000

ALTERATIONS & REPAIRS
(4650) W JONES 90' 9" S Chesnut. General alterations and repairs for ats.
Owner—P. Barzone.
Architect—None.
Contractor — Fracchia & Rosini, 36 Cunningham Place, San Francisco. $1500

DWELLING.
(4651) W LISBON 100 N Russia. One-story and basement frame dwelling
Owner—G. Battini, 66 Bauer St., San Francisco.
Architect—None. $5000

BUNGALOWS
(4652) N STAPLES AVE. 100 E Foerster E 50 N 112-6 Lots 10 & 13 Blk 18 Sunnyside. All work for 2 4-rm. bungalows.
Owner—M. A. Austin.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Dec. 18, 1923. Dated Dec. 1, 1923.
30 days after frame up.....25%
Brown coated 25%
30 days after comp. & accept.....25%
Usual 35 days 25%
TOTAL COST $5300
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

BUNGALOW
(4653) E HAROLD AVE 200 S Bruce Ave. S 25 x E 112-6. All work for 4-room bungalow.
Owner—The McCarthy Co., 316 Bush St . San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son.
Filed Dec. 18, 1923. Dated Dec. 18, 1923.
Payments same as above.
TOTAL COST, $3000
Bonds, Sureties, Forfeit, none; Limit 90 days; Plans and specifications filed.

BUNGALOW
(4654) E HAROLD AVE. 150 S Bruce Ave. S 25 x E 112 Lot 26 Blk B Lakeview. All work for 4-room bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son.
Filed Dec. 18, 1923. Dated Dec. 18, 1923.
Payments same as above.
TOTAL COST, $3000
Bond, Sureties, Forfeit, none; Limit 90 days; Plans and specifications filed.

BUNGALOW
(4655) S DE MONTFORD AVE 25 E Faxon Ave. E 25 x S 100 Lot 27 Blk 18 Lakeview. All work for 4-room bungalow.
Owner—The McCarthy Co., 316 Bush St San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son.
Filed Dec. 18, 1923. Dated Dec. 6, 1923.
Payments same as above.
TOTAL COST, $3000
Bond, Sureties, Forfeit, none; Limit 90 days; Plans and specifications filed.

BUILDING
(4656) W LARKIN BET. BUSH AND Fern. All work for 3-story bldg. known as New Franklin Office.
Owner—Pacific Telephone & Telegraph Co., 333 Grant Ave., San Francisco.
Engineer—E. V. Cobby, 333 Grant Ave., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco.
Filed Dec. 18, 1923. Dated Dec. 13, 1923.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $206,774
Bond, $103,387; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, 120 days after Dec. 19, 1923; Plans and specifications filed.

STORE
(4657) E FOURTH 75 N Harrison. One-story concrete store.
Owner—Barrett & Hilp, 918 Harrison St., San Francisco.
Architect—R. W. Jenkins. $12,000

FRAME FLATS
(4658) E EIGHTH AVE 275 S Judah. Two-story and basement frame (2) flats.
Owner—Ohlson & Almquist, 2695 Bryant St., San Francisco.
Architect—None. $7000

DWELLING
(4659) N JUDAH 100 W Fifteenth Ave. One-story and basement frame dwelling.
Owner—Rose Lipman, Russ Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1st National Bank Bldg., S. F. $4000

ADDITION
(4660) NE MARKET AND STOCKTON Oone-story Class C addition to store and offices.
Owner—Roos Bros., Premises.
Architect—S. Heiman, 57 Post St., San Francisco.
Architect—Macdonald & Kahn, 130 Montgomery St., S. F. $35,389

DWELLING
(4661) E NINETEENTH AVE 150 S Judah. One-story and basement frame dwelling.
Owner—John A. Pereira, 1430 19th Ave., San Francisco.
Architect—None. $4000

RESIDENCE
(4662) S PORTOLA DRIVE 99 W San Lorenzo Way. Two-story and basement frame residence.
Owner—Mrs. C. H. Blinn, 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $5000

FACTORY
(4663) E RUSS 110 N Folsom. One-story concrete factory and stores.
Owner—L. H. Nishkian.
Engineer—L. H. Nishkian.
Contractor—J. H. Hjul, 1122 Folsom St., San Francisco. $22,000

RETAINING WALL
(4664) NO. 1150 SACRAMENTO. Construct reinforced concrete retaining wall.
Owner—Mrs. Marie Sproule
Architect—Bliss & Faville, Balboa Bldg., San Francisco. $1200

DWELLING
(4665) NW TIFFANY 682 N Twenty-ninth. One-story and basement frame dwelling.
Owner—Jas. S. Brogan, 3226 Mission St., San Francisco.
Architect—A. G. Rizzoli, 2897 Folsom St., San Francisco. $3000

ALTERATIONS
(4666) E BARTLETT 70 N Twenty-second. Move; raise and remodel flats.
Owner—William & Pfeifer, 2539 Mission St., San Francisco.
Architect—None. $2000

FRAME FLATS
(4667) S CABRILLO 95 E Twenty-second. Two-sctory and basement frame (2) flats.
Owner—Robert G. Black, 240 Waller St., San Francisco.
Architect—None. $7000

FRAME FLATS
(4668) S FULTON 106-3 and 131-3 W Ashbury. Two two-story and basement frame (2 in each) flats.
Owner—Dr. F. A. Gawthorne, 708 Phelan Bldg., San Francisco.
Architect—None.
Contractor—B. Jones, 707 Phelan Bldg. San Francisco. $6000 each

ALTERATIONS
(4669) NO. 3349 PACIFIC AVE. General alterations and additions to residence.
Owner—Nathan Moran, 41 Sutter St., San Francisco.
Architect—Nahaniel Blaisdell, 255 California St., San Francisco.
Contractor — Mattock & Feasey, 251 Kearny St., San Francisco. $4950

REPAIRS
(4670) NO. 353 SUTTER. General repairs for store; replastering, etc.
Owner — Women's Exchange, 68 Post St., San Francisco.
Architect—Howard & White, Lick Bldg., San Francisco.
Contractor—Taylor & Goericke, Sharon Bldg., San Francisco. $1500

BUILDING
(4671 S HARRISON 30 NE 10th St. All work for 1-story class C reinforced concrete bldg. (shop).
Owner—Merton J. Price, 630 20th Ave., San Francisco.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor—Wm. Martin, 180 Jessie St. San Francisco.
Filed Dec. 19, 1923. Dated Dec. 18, 1923.
Footings poured $1000
Concrete walls poured 2000
Completed and accepted 1416
Usual 35 days 1470
TOTAL COST, $5886
Bond, Sureties, Forfeit, none; Limit, 40 days; Plans and specifications filed.

GRANITE WORK
(4672) N FILBERT 137-6 E Powell E 137-6 x N 160, Granite work for S.S. Peter & Pauls Church.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—Charles Fantoni, 550 Montgomery St., San Francisco.
Contractor—Raymond Granite Co., Inc. 3 Potrero, San Francisco.

Filed Dec. 19, 1923. Dated Dec. 13, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $6000
Bond, $3000; Sureties, Wm. H. Hamilton, H. L. Knowles; Forfeit, $10 day; Limit, 60 days; Plans and specifications filed.

PAINTING
(4673) LOCATION NOT GIVEN. Painting Grand Hotel.
Owner—Realty & Rebuilding Co., 631 Market St., San Francisco.
Architect—None.
Contractor—The J. H. Kay Co., Monadnock Bldg., San Francisco.
Filed Dec. 19, 1923. Dated Dec. 14, 1923.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $1850
Bond, Sureties, Forfeit, none; Limit, 30 days; Plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Dec. 13, 1923—LOTS 12, 13, 14 AND 15 Blk Bd by Balboa, Anza Sts, 24th and 25th Aves. Pacific Gas & Electric Co to Conlin & Roberts.....Dec. 12, 1923

Dec. 13, 1923—E ARLINGTON 363 S Roanoke. Robert Hallenbarter to whom it may concern..Dec. 13, 1923

Dec. 13, 1923—E EIGHTH AVE 107-6 N Geary N 25xE 120. Annie M Greely to John Burns..Dec. 12, 1923

Dec. 13, 1923—S DE MONTFORD 50 W Capitol Ave 25x100. Thos J Sullivan to whom it may concern .....Dec. 7, 1923

Dec. 13, 1923—N POST 137-6 W Stockton W 37-6xN 137-6. Wm M and Mary E Fitzhugh to Sibley Grading & Teaming Co..Dei. 4, 1923

Dec. 14, 1923—N CHESTNUT 112-6 W Gough W 25xN 112. Alfred E Hind to whom it may concern.....Dec. 14, 1923

Dec. 14, 1923—NW KIRKHAM AND Fourth Ave N 75xW 95. Nu Sigma Nu Assn of University of Calif to Wm Martin.....Dec. 4, 1923

Dec. 14, 1923—W EIGHTH AVE 63 S Clement. Mrs. J Davidson to whom it may concern..Nov. 22, 1923

Dec. 14, 1923—E FRANKLIN 113-6 S Bay S 25xE 75. Alfred E Hind to whom it may concern..Dec. 11, '23

Dec. 14, 1923—LOT 18 BLK 19 St. Francis Wood No. 70 Yerba Buena Ave. Emily C McKnery to A G Hamerton.....Dec. 14, 1923

Dec. 14, 1923—NE EIGHTH AND Heron. Merton J Price to Wm Martin.....Dec. 14, 1923

Dec. 14, 1923—W TWENTY-SIXTH Ave 85 S Geary 25x120. L B Hammond to whom it may concern.....Dec. 14, 1923

Dec. 14, 1923—S GREEN 271-6 W Baker W 25xS 99-6. A F Nielsen to whom it may concern...Dec. 14, 1923

Dec. 14, 1923—SE HANOVER 103 SW Guttenberg SW 25xSE 81-6 Ptn Lot 192 West End Hd Assn Wm R McKnight to whom it may concern .....Dec. 14, 1923

Dec 14, 1923—E TWENTY-SEVENTH Ave 150 N Clement N 75xE 120. Harry Wissman to Meyer Bros.....Dec. 10, 1923

Dec. 14, 1923—SE BALBOA AND Forty-second Av E 82-6xS 50. Thos Hamill to whom it may concern.....Dec 13, 1923

Dec. 14, 1923—N BALBOA 33-6 E 20th Ave E 25xN 100. Ed Adair to whom it may concern..Dec. 13, 1923

Dec. 15, 1923—N McALLISTER 137-6 W Jones — 68-9xN 137-6. The Salvation Army to Vukicevitch & Bagge.....Dec. 1, 1923

Dec. 15, 1923—N RIVERA 29-10 W 18th Ave N to pt NW to pt 64-10 W 18th S to N Rivera E 35. Byrd O and Caroline Smith to whom it may concern.....Dec. 15, 1923

Dec. 15, 1923—N FULTON 57-6 W 21st C F Fleming to whom it may concern .....

Dec. 15, 1923—W TAYLOR 106-3 N Greenwich N 31-3xW 137-6. Battesta Toso to whom it may concern .....Dec 15, 1923

Dec. 15, 1923—W ELEVENTH AVE 250 N Noriega N 25xW 120. Albert S Gagnon to J H Jenkins. Sept. 12, '23

Dec. 15, 1923—W SEVENTEENTH AV 175 S Cabrillo S 25xW 120. O M Oyen to whom it may concern.....Dec. 15, 1923

Dec. 17, 1923—W TWELFTH 112 S Howard 49x100. J H Hjul to whom it may concern.....Dec. 10, 1923

Dec. 17, 1923—NE SHAFTER AVE 75 NW Keith. C Johanson to whom it may concern.....Dec. 12, 1923

Dec. 17, 1923—W RUSS 180 N Folsom J H Hjul to whom it may concern .....Dec. 11, 1923

Dec. 17, 1923—NW McALLISTER & Breen 30x137-6. J Greenbach to whom it may concern..Dec. 12, 1923

Dec. 17, 1923—N FRANCISCO 175 W Franklin 25x137-6. John Bowen to John Harder.....Dec. 10, 1923

Dec. 17, 1923—NW NAGLEE AVE & Ellingtgn Ave 29x80. Jeffro Ginsto to G Moretton and L Garino.....Nov. 15, 1923

Dec. 17, 1923—SE THIRD AVE AND Cabrillo S 32-1¾xE 100. Charles A Roller to Conlan Bros..Dec. 15, 1923

Dec. 17, 1923—E SEVENTEENTH AV 85 N Cabrillo — 27. Henry C Schmitt to Emil Wiander.Dec. 15, '23

Dec. 17, 1923—LOTS 20 AND 21 BLK "G" Mission Terrace Walter E Hansen to whom it may concern.....Dec. 13, 1923

Dec. 18, 1923—LOT 17 BLK "O" Mission Terrace. Amanda A Olsen to whom it may concern..Dec. 17, 1923

Dec 18, 1923—LOT 12 BLK 20, Amended Map Ingleside Terraces. Gordon W and Linnie Morris to whom it may concern.....Dec. 10, 1923

Dec. 18, 1923—E GUERRERO 222-6 S 18th S 25xE 105. Gustav and Emilie Gerloff to J W Gillogley.....Dec. 15, 1923

Dec. 18, 1923—LOT 4 BLK 2817, Forest Hill Court. A S Edwards to C. F Parker .....Dec. 10, 1923

Dec. 18, 1923—S IRVING 52-6 E 8th Ave E 50xS 100. Fred M Kaye and D L Bienfield to whom it may concern.....Dec. 17, 1923

Dec. 18, 1923—N GREEN 137-6 E Webster E 25xN 137-6. Robert Wallace Jr to C F Parker.....Dec. 18, 1923

Dec. 18, 1923—N GREEN 137-6 E Webster E 25xN 137-6. Robt Wallace Jr to whom it may concern.....Dec. 23, 1923

Dec. 18, 1923—N GREEN 137-6 E Webster E 25xN 137-6. Robert Wallace Jr to M A Bernstein.....Dec. 18, 1923

Dec. 18, 1923—NO. 881 CLAYTON ST. Josephine de J Dempster to whom it may concern.....

Dec. 18, 1923—N SACRAMENTO 120-6 W Montgomery N 119-6 W 22-11½ S 59-8 E 0-5 S 59-10 E 22-6¾. Mergenthaler Linotype Co to Charles H Nilson, Nov. 5; M B McGowan.....Nov. 10, 1923

Dec. 19, 1923—S 25 FT. LOT 5 and N 25 ft. Lot 6 Blk 1, St. Francis Wood Extn No. 1. St. Francis Wood Co to Boxton & Zwegg.....Dec. 17, 1923

Dec. 19, 1923—E TWENTY-EIGHTH Ave 50 S Anza S 75xE 75. Herbert Meyer to Meyer Bros....Dec. 19, 1923

Dec. 19, 1923—LOT 5 BLK 6439, Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern.....Dec. 14, 1923

Dec. 19, 1923—LOT 7 BLK "P" Addn to Castro St. Addn and Glen Park Terrace. Crocker Estate Co to whom it may concern.....Dec. 7, 1923

Dec. 19, 1923—LOT 19 BLG "M" Add to Castro St. Addn and Glen Park Terrace. Crocker Estate Co to whom it may concern...Dec. 7, 1923

Dec. 19, 1923—LOT BLK "P" Addn to Castro St. Addn and Glen Park; Terrace. Crocker Estate Co to whom it may concern...Dec. 7, 1923

Dec. 19, 1923—LOT 20 BLK "M" Addn to Castro St. Addn and Glen Park Terrace. Crocker Estate Co to whom it may concern....Dec. 7, 1923

Dec. 19, 1923—LOT 6 BLK 6439, Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern.....Dec. 7, 1923

Dec 19, 1923—LOT 2 BLK 9, Crocker Amazon Tract. Crocker Estate Co to whom it may concern.Dec. 14, 1923

Dec. 19, 1923—E THIRTY-NINTH AV 55 S Clement. Theodore Christensen to Willian Leny.....

Dec. 19, 1923—W CHURCH 65 S 23rd S 32-6xW 117. Lawrence and Lydia Walter to I E Ulrich and John Beymnen .....Dec. 18, 1923

Dec. 19, 1923—S BRYANT 80 E Fourth E 30xS 80. Myers & Schwartz to Louis J Cohn. Dec. 13, '23
Dec. 19, 1923—W FOERSTER 25 N Hearst Ave N 25xW 90 Ptn Lot 43 Blk 11, Sunnyside. Moneta Invst Co to James Arnott & Son.....Nov. 13, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

Dec. 13, 1923—LOT 11 Crocker Amazon Tract. Acme Lumber Co vs A Orlandi and H E Hansen. $774.21
Dec. 13, 1923—W TWENTIETH AVE 200 S Balboa S 33-7xW 120. No. 635 20th Ave. Davis Hardwood Co vs B S Berry and B S Berry and Harry Berry (as Berry Bros.).....$719.08
Dec. 13, 1923—W SECOND AVE 225 N Clement N 25xW 120. Perfection Fixture Co vs Henry Lyons and Mrs. Ray Abrahams.....$681.33
Dec. 14, 1923—NE WASHINGTON & Gough N 139-4½xE 130. Uhl Bros vs Jos L Stewart, Monson Bros and E F Peterson Co.....$252.92
Dec. 14, 1923—NE WASHINGTON & Gough N 139-4½xE 130. Eri H Richardson vs Joseph Stewart, Olaf Monson and H E Rahlman (as Monson ros).....$234.59
Dec. 15, 1923—W GUERRERO 33 N Dorland N 25xW 80. Frank Portman vs Fred S Johnson, and Thos W Sullivan $2672.55
Dec. 17, 1923—E FORTY-EIGHTH AV 100 N Judah N 75xE 120. Christenson Lumber Co vs A C Campbell and Chas Delmarter.....$61.60
Dec. 17, 1923—E PLYMOUTH 275 N Lakeview N 25xE 112-6. J H Kruse vs John Wakrom. and M C Coffer $1071.69
Dec. 17, 1923—W SECOND AVE 225 N Clement N 25xW 120. Christenson Lumber Co vs Mrs. Ray Abrams Ray Abrams & Henry Lyon. $1671.05
Dec. 17, 1923—W FRANKLIN 137-6 N Lombard 25x100. Wm Smith, Reginald Smith, H Firmstone and P V Laury (as Wm Smith Co) vs Y Filippis and Antonio Catona..$502.82
Dec. 17, 1923—N FELL bet. Central Ave and Masonic Ave 25 m or l by 137-6 No. 1686 Fell. John C Pugh vs A H Baily $255.65
Dec. 18, 1923—SE WASHINGTON & Franklin E 137-6xS 49-8. San Francisco Wall Paper Co vs Zerker Bros, E K Nelson and Wm Eitner $233.65
Dec. 18, 1923—LOT 16 BLK 3107, Westwood Park. Henry Ernst & Sons vs Jos and Madga Dobrodenka and H B Bernhardt $300
Dec. 18, 1923—E TWENTIETH AVE 176 S Judah S 25xE 120. Joseph Lubatti vs John A Pereira $249
Dec. 19, 1923—S MARKET 135 m or l E Sixth S 170 m or l E 98-6 N 170 th 98-6 to beg. Peerless Ornamental Iron & Bronze Co vs Lesser Realty & Invst Co, Henry G Meyer and Geo Farrell $920.17

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Dec. 13, 1923—N CHESTNUT 112-6 E Gough E 25xN 137-6. Acme Lumber Co to Achille and Sadie Ragghianti and F S Johnson.....
Dec. 13, 1923—N CLIFFORD TERRACE 107-1¼ E Upper Terrace E 27-6xN 83. Reinhart Lumber & Planing Mill Co to McCauley & Weber and Edw H and Edna M Hanson $268.03
Dec 15, 1923—N CABRILLO 30 W 47th Ave W 30xN 100. J H Mcallum to Harry J Frank $433.31
Dec. 15, 1923—N CABRILLO 60 W Forty-seventh Ave W 30xN 100. J H McCallum to Harry J Frank.....$616.15
Dec. 15, 1923—N CABRILLO 30 W Forty-seventh Ave W 30xN 100. J H McCallum to Harry J Frank.....$433.31
Dec. 15, 1923—N CABRILLO 60 W Forty-seventh Ave W 30xN 100. J H McCallum to Harry J Frank.....$616.15
Dec. 17, 1923—E TWENTIETH AVE 230 N Irving N 25xE 120. E M Hundley to J C Gibson.....
Dec. 17, 1923—SE McALLISTER & Octavia. American Trading Co to Emile M Pissis and Inlaid Hardwood Co. $50
Dec. 19, 1923—N SACRAMENTO 83-6 E Scott No. 2772. George Christy to J Jones .....
Dec. 19, 1923—W CURTIS 250 S Rolph W 107 S 37-6 E 107 N to beg. M G Peek to A Orlandi.....$592.65

CESSATION OF LABOR

SAN FRANCISCO COUNTY

Dec. 17, 1923—N CLINTON PARK 117 W Guerrero W 25xN 75. Julia and Valentine Krysiak with Wm Remmers. Work ceased....Nov. 12, 1923

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
5865	Werner	Owner	2500
5866	Ingalabe	Burks	6000
5867	Cadamortori	Duval	5800
5868	Dunn	Monroe	5000
5869	Sprague	Owner	10500
5870	Fox	Matteson	12000
5871	Harris	Owner	3500
5872	Harris	Owner	4800
5873	Abbott	Owner	3000
5874	Whitehouse	Owner	3500
5875	Harrison	Peters	2800
5876	Sprague	Owner	3500
5877	Damgaard	Owner	3500
5878	Frankle	Owner	3000
5879	Buschini	Corley	3000
5880	Henderson	Owner	2500
5881	Zolling	Brown	6990
5882	Marshall	Owner	4000
5883	Duerr	Owner	12000
5884	Hall	Stanley	7500
5885	Reed	Muller	18000
5886	Johnson	Oakley	6390
5887	Goodhill	Carson	8000
5888	Swift	Dunn	1600
5889	Parry	Griffith	2500
5890	Ferelra	Anderson	3800
5891	Mayberry	Duval	14000
5892	Hoffman	Sharp	5500
5893	Nall	Owner	4000
5894	Roberts	Jewell	3500
5895	Fredrickson	Owner	3000
5896	Alder	Owneh	3500
5897	Hodge	Owner	1000
5898	Long	Westlund	10640
5899	Berkeley	Owner	3500
5900	Jordan	Owner	4000
5901	Burritt	Burritt	5000
5902	Young	Owner	2250
5903	Wells	Owner	2800
5904	Jensen	Owner	1750
5905	Roy	Dlestel	1000
5906	Elliott	Nickerson	8000
5907	Griffith	Owner	1200
5908	Masonic	Malott	8375
5909	Reeves	Owner	4000
5910	Bucklin	Lyon	2550
5911	Fish	Owner	4500
5912	Masonic	Malott	8375
5913	Clow	Knight	18000
5914	Anacleria	Perry	2500
5915	Russell	Gettys	4000
5916	Fletcher	Barham	5500
5917	Pollard	Owner	12000
5918	Russell	Gettys	2000
5919	Dunscomb	King	3500
5920	Marquis	Owner	5600
5921	Behrens	Owner	5700
5922	Kessler	Owner	2650
5923	Squires	Martin	7500
5924	Dukle	Owner	4000
5925	Walker	Brown	2000
5926	Hadley	Burke	1000
5927	McCop	Owner	3000
5928	Frank	Buckland	2050
5929	Biensteiner	Petersen	19860
5930	Carlson	Marshall	5800
5931	Swalley	Stewart	5500
5932	Druhe	Owner	8000
5933	Dolan	Owner	5790
5934	Silver	Kochendorfer	8000
5935	Stone	Owner	1500
5936	Peterson	Moseback	2800
5937	Schmidt	Owner	1000
5938	Shervey	Owner	4800
5939	Lo Prest	Lo Prest	25000
5940	Gillespie	Owner	12000
5941	Heaton	Critchett	7000
5942	Pfrang	Owner	6000
5943	Davis	Cox	6200
5944	Bullock	McDuffie	8000
5945	Tupper	Owner	4500
5946	Van de Mark	Fowler	5000
5947	Goldwater	Muller	42000
5948	Lyman	Dinnie	8000
5949	Saulpaugh	Scott	1600
5950	Leonard	Owner	1000
5951	Moor	Owner	1800
5952	Haines	Owner	4000
5953	Kick	Owner	2500
5954	Anderson	Owner	3000
5955	Shell	Owner	1200
5956	Shell	Owner	1200
5957	Clarke	Andrews	3850
5958	Heyer	Legault	11775
5959	McElhinney	Petersen	8250

DWELLING
(5865) NO. 2138 BYRON, Berkeley. One-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2500

DWELLING
(5866) NO. 1849 SONOMA ST., Berkeley. Two-story 7-room dwlg.
Owner—Mrs. A. Ingalabe.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Berkeley. $6000

DWELLING
(5867) 593 KENWYN ROAD, Oakland. 1-story 7-room dwelling.
Owner—P. Cadamortori, 3907 14th Ave., Oakland.
Architect—None.
Contractor—P. Duval, 914 E-22nd St., Oakland. $5800

DWELLING
(5868) 4648 DOLORES AVE., Oakland. 1-story 5-room dwellng.
Owner—Mrs. M. Dunn, Everett & Hampel, Oakland.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont, Oakland. $5000

DWELLINGS
(5869 2106 2112 2118 E-NINETEENTH St., Oakland. 3 1-story 6-rm dwlgs.
Owner—J. E. Sprague, 4518 Edgewood Ave., Oakland.
Architect—None. $3500 each

DWELLINGS
(5870) S SANTA CLARA OPP. CRESCENT St., Oakland. 2 2-story 6-room dwellings.
Architect—None.
Contractor—Matteson & Gould 355 12th St., Oakland. $6000 each

DWELLING
(5871) N WALNUT 160 W Lilac. Oakland. 1-story 5-room dwelling.
Owner—D. R. Harris, 2105 Harrington Ave., Oakland.
Architect—None. $3500

DWELLING
(5872) 587 KENWYN ROAD, Oakland. 1-story 6-room dwelling.
Owner—D. R. Harris, 2105 Harrington Ave., Oakland.
Architect—None. $4800

DWELLING
(5873) 2600 NINETY-NINTH AVE., Oakland. 1-story 5-room dwelling.
Owner—E. K. Abbott, 3452 School St., Oakland.
Architect—None. $3000

DWELLING
(5874) 55 RAMONA AVE., Oakland. 1-story 5-room dwelling.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

Owner—J. F. Whitehouse, 124 Moraga Rd., Oakland.
Architect—None. $3500

DWELLING
(5875) 4014 WEST ST., Oakland. 1-story 5-room dwelling.
Owner—B. H. Harrison, 919 53rd St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3458 Davis St. Oakland. $2800

DWELLING
(5876) 1918 E-TWENTY-FIRST ST., Oakland. 1-story 6-room dwelling.
Owner—J. E. Sprague, 4518 Edgewood Ave., Oakland.
Architect—None. $3500

DWELLING
(5877) E-SIXTY-FOURTH AVE. 900 N E-14th St., Oakland. 1-story 5-room dwelling.
Owner—S. Damgaard, 1352 89th Ave., Oakland.
Architect—None. $3500

DWELLING
(5878) NO. 3033 ACTON ST., Berkeley One-story 5-room dwelling.
Owner — K. Frankle, 9812 Burr Ave., Oakland.
Architect—None. $3000

DWELLING
(5879) NO. 1267 SIXTY-FIFTH ST., Berkeley. One-story 5-room dwlg.
Owner—Antonio Buschini, 1046 65th St., Berkeley.
Architect—None.
Contractor—M. J. Corley, 4505 Grove St, Oakland. $3750

DWELLING
(5880) 3056 ARIZONA, Oakland. 1-story 5-room dwelling.
Owner—Chas. Henderson, 3500 Maple Ave., Oakland.
Architect—None. $2500

DWELLING
(5881) W ALMA 80 N Excelsior, Oakland. 1-story 6-room dwelling.
Owner — Gilbert Zolling, 1331 E-22nd St., Oakland.
Architect—None.
Contractor — Guy L. Brown, 601 Am. Bank Bldg., Oakland. $6990

DWELLING
(5882) W BRYANT 220 S Manila, Oakland. 1-story 5-room dwelling.
Owner—Howard Marshall, 581 48th St. Oakland.
Architect—None. $4000

DWELLINGS
(5883) 3006-12-18-24 CALIFORNIA, Oakland. 4 1-story 5-room dwlgs.
Owner—Hewton Duerr Const. Co., 3735 Maple Ave., Oakland.
Architect—None. $3000 each

STORES
(5884) N E-FOURTEENTH ST. 50 E 45th Ave., Oakland. 1-story 4-room stores.
Owner—George Hall.
Architect—None.
Contractor — J. A. Stanley, 1434 45th Ave., Oakland. $7500

STORES
(5885) E GRAND AVE. 210 N Lake Park. Oakland. 1-story 6-room tile stores.
Owner—Fred E. Reed Co., Syndicate Bldg., Oakland.
Architect—None.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $18,000

GARAGE
(5886) S HOPKINS ST. 190 E 38th Ave., Oakland. 1-story concrete garage.
Owner—Johnson & Bruce 4024 Hopkins Oakland.
Architect—None.
Contractor—Oakley & Kolmodin, 1911 65th Ave., Oakland. $5390

DWELLING
(5887) N HOLLYWOOD AVE. 162 W Park Blvd., Oakland. 2-story 7-room dwelling.
Owner—Geo. Goodhul, 2541 Wakefield Ave., Oakland.
Architect—None.
Contractor—John Carson, 50 Yosemite Ave., Oakland. $8000

DWELLING
(5888) NW COR. NINETIETH AVE & Hillcrest, Oakland. 1-story 4-room dwelling.
Owner — E. F. Swift, 9832 Scott St., Oakland.
Architect—None.
Contractor — Wm. Dunn, 9835 Burr, Oakland. $1600

DWELLING
(5889) E 101ST AVE. 300 N Plymouth, Oakland. 1-story 4-room dwelling.
Owner—W. J. Parry, 1526 96th Ave., Oakland.
Architect—None.
Contractor—Thos. Griffith, 4601 Walnut Ave., Oakland. $2500

DWELLING
(5890) 1071 SIXTY-SIXTH ST., Oakland. 1-story 5-room dwelling.
Owner — E. Fereira, 707 Washington, Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $3800

APARTMENTS
(5891) S FOOTHILL BLVD. 100 W Fruitvale, Oakland. Two-story 10-room apartments and stores.
Owner—J. K. Mayberry, 1811 San Pablo Ave., Oakland.
Architect—None.
Contractor—Oliver Duval & Son, Dalziel Bldg., Oakland. $14,000

DWELLING
(5892) NO. 5225 BELVEDERE, Oakland. One-story 7-room dwelling.
Owner—Mrs. R. Hoffman, 5227 Belvedere St., Oakland
Architect—None.
Contractor—A. C. Sharp, 1327 E-28th St., Oakland. $5500

GARAGE
(5893) E SAN PABLO AVE 60 S 35th St., Oakland. One-story tile garage
Owner—Geo. C. Nall, 930 41st St., Okd.
Architect—None. $4000

DWELLING
(5894) S LOGAN 41 W Twenty-seventh Ave., Oakland. One-story 5-room dwelling.
Owner—E. and W. Roberts, 3216 Fruitvale Ave., Oakland.
Architect—None.
Contractor—Jewell & Turpen. $3500

DWELLING
(5895) NO. 1624 VISTA ST., Oakland. One-story 5-room dwelling.
Owner—Karl S. Fredrickson, 16 Bonita Ave., Piedmont.
Architect—None. $3000

DWELLING
(5896) N FLORIDA 300 W Maple Ave., Oakland. One-story 5-room dwlg.
Owner—Alder & Clark, 2907 Florida St., Oakland.
Architect—None. $3500

ALTERATIONS
(5897) NO. 926 E-EIGHTEENTH ST., Oakland. Alterations and repairs.
Owner—John R. Hodge, 1711 E-14th St., Oakland.
Architect—None. $1000

GARAGE, ETC.
(5898) HAZEL LANE, Piedmont. All work for brick garage and alter dwelling.
Owner—Mrs. Oscar Fitzallan Long, Premises.
Architect—Albert Farr and J. E. Ward, Foxcroft Bldg., San Francisco.
Contractor—Fred J. Westlund, 367 12th St., Oakland.
Filed Dec. 15, '23. Dated Dec. 11, '23.
Each month 75%
Usual 35 days 25%
TOTAL COST, $10,640
Bond, $5320. Sureties, New Amsterdam Casualty Co. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

DWELLING
(5899) NO. 781 ROCK LANE, Berkeley One-story 6-room dwelling.
Owner — Berkeley Building Co., 2029 Shattuck Ave., Berkeley.
Architect—None. $3500

DWELLING
(5900) NO. 912 SPRUCE ST., Berkeley Two-story 5-room dwelling.
Owner—M. Jordan, 5844 Broadway, Oakland.
Architect—None. $4000

DWELLING
(5901) NO. 1928 YOLO, Berkeley. One-story 6-room dwelling.
Owner — W. H. Burritt, 5469 College Ave., Berkeley.
Architect—None.
Contractor—O. L. Burritt, 427 63rd St., Berkeley. $5000

DWELLING
(5902) 1914 E-TWENTY-EIGHTH ST. Oakland. 1-story 5-room dwelling.
Owner—C. S. Young, 3837 Fruitvale Ave., Oakland.
Architect—None. $2250

DWELLING
(5903) E FORTIETH AVE. 500 S 35th Ave., Oakland. 2-story 5-rm dwlg.
Owner — Thomas Wells, 3850 Quigley St., Oakland.
Architect—None. $2800

DWELLING
(5904) S FOOTHILL BLVD. 100 E Durant Ave., Oakland. 1-story 4-room dwelling.
Owner—M. C. Jensen, 667 Dutton Ave., San Leandro.
Architect—None. $1750

GARAGE
(5905) 537 MANDANA BLVD., Oakland. Garage.
Owner—C. B. Roy, 474 Stow Ave., Oakland.
Architect—Diestel & Veziner. $1000

DWELLING
(5906) 1028 1032 1036 1040 NINETY-eighth Ave., Oakland. 4 1-story 4-room dwellings.
Owner—E. J. Elliott, 77 Alcatraz Ave., Oakland.
Architect—None.
Contractor—G. E. Nickerson, 1316 97th Ave., Oakland. $2000 each

DWELLING
(5907) W ONE HUNDRED SECOND Ave. 354 Sunnyside, Oakland. 1-story 3-room dwelling.
Owner—C. W. Griffith, 1323 26th Ave., Oakland.
Architect—None. $1200

APARTMENTS
(5908) 1206-8-10 PARK BLVD., Oakland. 2-story 10-room apartments.
Owner—Miss M. Erbentrant, Central Natl. Bank, Oakland.
Architect—None.
Contractor—Leroy M. Baird, 1031 Bay View Ave., Oakland. $9800

DWELLINGS
(5909) 4040 4046 PORTER ST., Oakland. 2 1-story 4-room dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $2000 each

DWELLING
(5910) W SIXTY-SIXTH AVE. 350 N Trenor, Oakland. 1-story 4-room dwelling.
Owner—Ray Bucklen.
Architect—None.
Contractor—C. D. Lyon, 22 Murdock Court, Oakland. $2500

DWELLING
(5911) 4021 WOODRUFF AVE., Oakland. 1-story 5-room dwelling.
Owner—L. C. Fish, 2453 Park Blvd., Oakland.
Architect—None. $4500

ALTERATION ETC.
(5912) PORT PLOTS 10, 12, 14, 16 Map Rancho Arroyo de la Alameda Washington Tp. Tile and comp. floors and walls for alt. and add. to hospital and dormitories.
Owner—Masonic Homes of California.
Architect—None.
Contractor—Malott & Peterson, 2412 Harrison St., San Francisco.
Filed Dec. 17, 1923. Dated Des. 5, 1923.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $8375
Bond, $4200; Sureties, New Amsterdam Casualty Co.; Forfeit, $10 day; Limit, 60 days; Plans and specifications filed.

APARTMENTS
(5913) S TWENTY-NINTH ST. 223.67 E Grove St. E 136 S 143.21, Oakland. 2-story apts (4 5-rm) and 3 garages.
Owner—E. K. Clow, 609 29th St., Oakland.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland.

Filed Dec. 17, 1923. Dated Nov. 27, 1923.
Roof on $4500
Brown coated 4500
Completed and accepted 7000
Usual 35 days 2000
TOTAL COST, $18,000
Bond, Sureties, Forfeit, none; Limit, 75 days after mud sills laid; Plans and specifications filed.

DWELLING
(5914) 2126 CURTIS, Berkeley 1-sto. 4-room dwelling.
Owner—Chas. Anacleric, 2113 7th St., Berkeley.
Architect—None.
Contractor—Vincent Perry, 1127 Washington St., Albany. $2500

DWELLINGS
(5915) 830 832 836 849 GILMAN, Berkeley, 4 1-story 3-room dwellings.
Owner—E. H. Russell, 383 63rd St., Oakland.
Architect—None.
Contractor — W. C. Gettys & T. R. White, 3892 35th Ave., Oakland. $1000 each

DWELLING
(5916) 1920 LOS ANGELES, Berkeley. 1-story 6-room dwelling.
Architect—None.
Contractor—Barham Co., 1916 Broadway, Oakland. $5500

DWELLINGS
(5917) 2243 2245 2247 2249 OREGON, Berkeley. 4 1-story 5-room dwlgs.
Owner—A. L. Pollard, 77 Plaza Drive, Berkeley.
Architect—None. $3000 each

DWELLINGS
(5918) 845 & 847 PAGE ST., Berkeley. 2 1-story 3-room dwellings.
Owner—E. H. Russell, 385 63rd St., Oakland.
Architect—None.
Contractor—W. C. Gettys & T R White 3892 35th Ave., Oakland. $1000 each

DWELLING
(5919) 1541 VIRGINIA, Berkeley. 1-story 6-room dwelling.
Owner—C. E. Dunscomb.
Architect—None.
Contractor—Geo. F. King, 1920 Vine St., Berkeley. $3500

DWELLINGS
(5920) E SEVENTY-SECOND AV. 900 N E-14th St., Oakland. 2 1-story 5-room dwellings.
Owner—E. M. Marquis, Berkeley.
Architect—None. $2800 each

DWELLING
(5921) S REDDING ST. 248 284 E 39th Ave., Oakland. 2 1-story 4-room dwellings.
Owner—H. Behrens, 1030 Fruitvale Ave Oakland.
Architect—None. $2850 each

DWELLING
(5922) 3416 E-SEVENTEENTH ST., Oakland. 1-story 4-room dwelling.
Owner—E. Kessler, 1616 Bridge Ave., Oakland.
Architect—None. $2650

APARTMENTS
(5923) 3204-6-8-10 E 23rd St., Oakland. 2-story 10-room apts.
Owner—C. R. Squires, 5927 Foothill Blvd., Oakland.
Architect—None.
Contractor—T. P. Martin, 5927 Foothill Blvd., Oakland. $7500

DWELLING
(5924) 1442 EIGHTIETH AVE., Oakland. 1-story 5-room dwelling.
Owner—Walter B. Dickie, 917 62nd St., Oakland.
Architect—None. $4000

DWELLING
(4925) 1211 EIGHTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner—Mrs. L. A. Walker, 1207 83rd Ave., Oakland.
Architect—None.
Contractor—J. F. Brown, 1920 Seminary Ave., Oakland. $2000

FLATS
(5926) 2027 FRUITVALE AVE., Oakland. 2-story 8-room flats.
Owner—F. Hadley.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. $6000

DWELLING
(5927) 2301 SIXTY-FOURTH AVE., Oakland. 1-story 5-room dwelling.
Owner—C. P. McCoy, 4314 View St., Oakland.
Architect—None. $3000

DWELLING
(5928) S WALNUT AVE. 100 W 96th Ave., Oakland. 1-story 4-rm. dwlg.
Owner—Mrs. M. J. Frank, 1541 96th Ave., Oakland.
Architect—None.
Contractor—N. J. Buckland, 1801 89th Ave., Oakland. $2050

APTS. & STORES
(5929) SE COR. FORTY-THIRD AND Grove Sts. S 50 E 90, Oakland. All work for apts. & Stores and garages.
Owner—Martin Blensteiner, 2427 35th Ave., Oakland.
Architect — Paul Lavergne, 3119 San Pablo Ave., Oakland.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland.
Filed Dec. 17, 1923. Dated Dec. 17, 1923.
Roof on $4965
Ready for int. finish..... 4965
Completed and accepted 4965
Usual 35 days 4965
TOTAL COST, $19,860
Bond, Sureties, none; Forfeit, $10 day; Limit, 120 days; Plans and specifications filed.

DWELLING
(5930) E-TWENTY-EIGHTH ST AND Park Blvd., Oakland. 2-story 6-room dwelling and 3 garages.
Owner—Alfred Carlson.
Architect—B. E. Rammel.
Contractor—Alex F. Marshall Co., 1136 10th Ave., Oakland.
Filed Dec. 18, 1923. Dated Dec. 17, 1923.
1st floor laid $1087.50
Frame up 1087.50
Brown coated 1087.50
Completed and accepted ... 1087.50
Usual 35 days 1450.00
TOTAL COST, $5800
Bond, Sureties, Forfeit, none; Limit, 90 days after Dec. 20; Plans and specifications filed.

DWELLING
(5931) NO. 112 MAGNOLIA AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—H. M. Swalley, 668 Walker Ave., Oakland.
Architect—None.
Contractor—B. A. Stewart, 102 Magnolia Ave., Piedmont. $5500

DWELLING
(5932) NO. 55 CROCKER AVE., Piedmont. Two-story 9-room dwelling and garage.
Owner—G. W. Druhe, 1323 Market St., Oakland.
Architect—None. $8000

DWELLING
(5933) NO. 72 WILDWOOD AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—Leo J. Dolan, 400 Syndicate Bldg., Oakland.
Architect—None. $5790

DWELLING
(5934) 1308 BAY ST., Alameda. 2-sto. 7-room dwelling.
Owner—Ed. J. Silver, 1035 Central Ave Alameda.
Architect—None.
Contractor—L. F. Kochendorfer, 2204 Lincoln Ave., Alameda. $8000

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

DWELLING
(5935) BAY FARM ISLAND, Alameda. 1-story 3-room dwelling.
Owner — E. B. & A. L. Stone, Claus Spreckels Bldg., San Francisco.
Architect—None. $1500

DWELLING
(5936) 1711 EVERETT, Alameda. 1-story 4-room dwelling.
Owner—O. A. Peterson.
Architect—None.
Contractor — G. H. Mosebach, 2323½ Santa Clara Ave., Alameda. $2800

ALTERATION
(5937) 1243-47 PARK ST., Alameda. Alterations.
Owner—Frank Schmidt, 1247 Park St., Alameda.
Architect—None. $1000

DWELLING
(5938) 911 UNION ST., Alameda. 1-sto. 6-room dwelling.
Owner — G. C. Shervey, 2252 Central Ave., Alameda.
Architect—None. $4800

APARTMENTS
(5939) 1612-20 EUCLID AVE., Berkeley. 2-story 30-room apts.
Owner—Mrs. Ida L. Prest, 2214 Haste St., Berkeley.
Architect—None.
Contractor—A. Lo Prest, 2214 Haste St., Berkeley. $25,000

FLATS
(5940) 2922 22-A 24-A FLORENCE Berkeley. 2-story 13-room flats.
Owner—M. Gillespie, 2906 Regent St., Berkeley.
Architect—E. Field. $12,000

DWELLING
(5941) 1930-32 FRANCISCO, Berkeley. 1-story 8-room 2-family dwelling.
Owner—N. T. Heaton, 2339 E-14th St., Oakland.
Architect—None.
Contractor—Frank Critchett 139 Grand Ave., Oakland. $7000

DWELLING
(5942) 2027 LOS ANGELES, Berkeley. 2-story 6-room dwelling.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $6000

DWELLING
(5943) 1525 SCENIC, Berkeley. 2-story 6-room dwelling.
Owner—A. R. Davis.
Architect—None.
Contractor—Cox Bros., 2121 Shattuck Ave., Berkeley. $6200

DWELLING
(5944) 803 SANTA BARBARA, Berkeley. 2-story 8-room dwelling.
Owner—Fred D. Bullock.
Architect—None.
Contractor—Mason McDuffie Co., Shattuck & Adison, Berkeley. $8000

DWELLING
(5945) 2425 VINE LANE, Berkeley. 2-story 6-room dwelling.
Owner—John C. Tupper, 2254 Fulton St., Berkeley.
Architect—None. $4500

DWELLING
(5946) 1921 YOSEMITE, Berkeley. 1-story 6-room dwelling.
Owner—Mrs. C. W. Van de Mark, 881 Contra Costa Ave., Berkeley.
Architect—None.
Contractor — Fowler Mallett, Acheson Bldg., Berkeley. $5000

STORES & OFFICE BLDG
(5947) SE COR. BROADWAY AND 21st St., Oakland. 2-story brick stores and office bldg.
Owner—Mandel Goldwater.
Architect—None.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $42,000

GARAGE
(5948) 3751 BROADWAY, Oakland. 1-story tile garage.
Owner—F. J. Lyman, premises.
Architect—None.
Contractor—Dinnie Const. Co., premises. $8000

ALTERATIONS
(5949) 2132 BDWY, Oakland. Alterations.
Owner—W. E. Saulpaugh.

Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $1600

GARAGES
(5950) W ERIE 200 S Prince, Oakland 2 concrete garages.
Owner—E. B. Leonard, 589 Kenmmore Ave., Oakland.
Architect—None. $1000

ALT & ADDITION
(5951) 5304 MARKET ST., Oakland. Alter and add.
Owner—R. B. Moor, premises.
Architect—None. $1800

DWELLING
(5952) 2736 SEVENTY-FIFTH AVE., Oakland. 1-story 5-room dwelling.
Owner—J. Haines, 550 Fell St., Oakland
Architect—None. $4000

DWELLING
(5953) E SIXTY-EIGHTH AVE. 177 N Arthur, Oakland. 1-story 4-room dwelling.
Owner—P. L. Kick, 2325 Humboldt Ave Oakland.
Architect—None. $2500

DWELLING
(5954) 2314 SIXTY-THIRD AVE, Oakland. 1-story 5-room dwelling.
Owner—A. T. Anderson, 2248 62nd Ave. Oakland.
Architect—None. $3000

SERVICE STATION
(5955) NE COR. TWENTY-FOURTH and San Pablo, Oakland. Steel service station.
Owner—Shell Co. of Cal., Ft. 61st St., Oakland.
Architect—None. $1200

SERVICE STATION
(5956) NW COR. THIRTY-SECOND & Grove Sts., Oakland. Steel service station.
Owner—Shell Co. of Cal., Foot 61st St., Oakland
Architect—None. $1200

DWELLING
(5957) NE COR. THIRTY-EIGHTH Ave. and Nevil St., Oakland. 1-sto. 5-room dwelling.
Owner—H. V. Clarke, 3242 E-14th St., Oakland.
Architect—None.
Contractor — Andrews & Hagen, 4106 Bayo, Oakland. $3850

STORES & APTS.
(5958) S BOND ST. 90 E Fairfax Ave. E 80 S 120, Oakland. All work for 2-story stores and apartments.
Owner—H. A. Heyer, 707 Stratford Ave Oakland
Architect—None.
Contractor—Oliver Legault, 96 Montell St., Oakland.
Filed Dec. 19, 1923. Dated Dec. 18, 1923.
Frame up $2900
Brown coated 2900
Completed and accepted 3075
Usual 35 days 2900
TOTAL COST, $11,775
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

STORE BLDG.
(5959) NE FOOTHILL BLVD. AND Steinway being Lots 1 & 2 Blk 10 Map Steinway Terrace, Oakland. All work for 1-story frame and brick veneer store building.
Owner—C. M. McElhinney, 10 Loretta Oakland.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland.
Filed Dec. 19, 1923. Dated Dec. 12, 1923.
Frame up .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $8250
Bond, $4125; Sureties, Globe Indemnity Co.; Forfeit, $1 day; Limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Dec. 13, 1923—PTN LOT 5 BLK "B" Map East Piedmont Heights, Oakland. Charles E Bardwell Jr to whom it may concern.....Dec. ——

Dec. 13, 1923—LOT 16 and Ptn Lot 17 Blk "D" Map Northbrae Business Pptv, Berkeley. Herbert K Schulz to whom it may concern... .....Dec. 10, 1923

Dec 13, 1923—S FLEMING AVE 675 E Courtland Ave E 40xE 100, Okd. Frank Vilhauer to J B Petersen.. .....Dec. 10, 1923

Dec. 13, 1923—NW THIRTEENTH & Clay N 37¼ W 40-9¾ N 2-1¼ W 60-3¾ S 39-1½ E 101⅞, Oakland. Chas J Heeseman to E T Leiter & Son.....Dec. 6, 1923

Dec. 13, 1923—NW IRVING AVE 120 SW E-20th St. SW 50xNW 110, Oakland. Frank M and Amanda J Davidson to F A McCausland... .....Dec. 4, 1923

Dec. 13, 1923—LOT 110 and ½ Lot 111 Blk 22, Havenscourt, Oakland. Lewis Graham to whom it may concern.....Dec. 13, 1923

Dec. 13, 1923—SW SIXTEENTH & Telegraph Ave S 100xW 100, Oakland. Kahn Bros, Inc to MacDonald & Kahn.....Dec. 12, 1923

Dec. 14, 1923—PTN LOTS 14 AND 17 Blk "U" Revised Map Oakland Heights, Oakland. Gladys H McElhinney to F A Muller...Dec. 8, 1923

Dec. 14, 1923—NE MOSS AVE AND New Broadway N 178.75 E 150 N 192 E 250 S 443 W 322-8, Oakland. Fabiola Hospital Assn to Ne Page-McKenny Co.....Dec. 8, 1923

Dec. 14, 1923—ELLSWORTH ST., bet. Adeline St. and Allston Way, Berkeley. Southern Pacific Co to Eaton & Smith.....Dec. 10, 1923

Dec 14, 1923—SEVENTH & CEDAR Oakland. S. P. Co to Hutchinson Co.....Dec. 10, 1923

Dec. 14, 1923—NEAR CARLTON ST, Delaware St. and Gillman St., Berkeley. S. P. Co. to Hutchinson Co. .....Dec. 7, 1923

Dec. 14, 1923—E PERALTA AVE, bet Foothill Blvd. and E-27th St., Oakland. A P Hildebrandt to whom it may concern.....Dec. 13, 1923

Dec. 15, 1923—LOT 1 BLK 10 Hollywood, San Leandro. S Victor Davidson to R E Neikerk..Dec. 15, 1923

Dec. 15, 1923—1661 SIXTY-EIGHTH Ave., Havenscourt, Oakland. Edith G Wise to whom it may concern. .....Dec. 14, 1923

Dec. 15, 1923—LOT 15 BLK 2, Dwight Way Gardens, Berkeley. Mrs. C E Collins to Roy O Long Co..... .....Dec. 14, 1923

Dec. 15, 1923—SW ENTRADO AVE 190 SE Piedmont Ave SE 38xSW 73.87, Oakland. Susie L Belden to whom it may concern..Dec. 14, 1923

Dec. 15, 1923—LOT 5 Map Meadow Brook, Oakland. Fredrik and Elisa Gervolstad to whom it may concern.....Dec. 9, 1923

Dec. 15, 1923—N ½ LOT 7 and S ½ Lot 8, Sbdvn Lots 22, 23, 24 and 25 Snyder's Tract, Berkeley. F Bongiovanni to F Tomasello.Dec. 14, 1923

Dec. 17, 1923—E HIGHLAND 150 S Chabot Road S 40xE 120, Oakland. F Owen Pearce to L L Lucas..... .....Dec. 8, 1923

Dec. 17, 1923—LOT 18 MAP 4th Ave Terrace, Oakland. John S Hagist to Waldman & James..Dec. 15, 1923

Dec. 17, 1923—CONTAINING 2.225 Acres being Ptn 8-acre tract described deed recorded Liber. 1021 Deeds Page 391, Oakland. James H Cobbledick to Charles H Lawrence.....Dec. 15, 1923

Dec. 17, 1923—LOT 12 BLK 3, Neiva Monte Tract, Berkeley. Harold de Normandie to whom it may concern .....Dec. 15, 1923

Dec. 17, 1923—NE E-TWENTY-second St. 40 NW Mitchell 38x88.9, Oakland. Thomas P Sanders to whom it may concern..Dec. 15, 1923

Dec. 17, 1923—SE EIGHTY-SECOND Ave 40 NE Birch NE 40xSE 95, Oakland. Zeno Gwerder to Jos Flittner.....Nov. 21, 1923

Dec. 17, 1923—LOTS 8 AND 9 BLK "B" Edith Tract, Berkeley. Chas C Swafford to Harry C Knight..... .....Dec. 12, 1923

Dec. 17, 1923—PTN LOTS 89 AND 90 Blk 1564 Colby Tract, Berkeley. Mrs. Chester H Rowell and Cora R Olney to Mason McDuffie Co..... .....Dec. 12, 1923

Dec. 17, 1923—NO. 2476 KINGSLAND Oakland. Jennie Matheyer to L B Matheyer Co.....Dec. 14, 1923

Dec. 18, 1923—LOTS 15 AND 16 Map Claremont Crescent Tract, Berkeley. James W Brazier to whom it may concern.....Dec. 17, 1923

Dec. 18, 1923—PTN LOT 140 Map 4th Ave Terrace Extension, Oakland. John H Nelson to whom it may concern.....Dec. 10, 1923

Dec. 18, 1923—LOTS 4 AND 5 and 47 feet in Blk 4, Oakland. T I Belway to whom it may concern..... .....Dec. 17, 1923

Dec. 18, 1923—(1) SE ALCATRAZ & Racine; (2) E Racine 35 S Alcatraz 66.59x105, Oakland. Nellie C Beltz to California Builders Co... .....Dec. 17, 1923

Dec. 18, 1923—LOT 28 and Ptn Lot 29 Blk 6 Map Berkeley Heights, Berkeley. Albert Hammarberg to whom it may concern..Dec. 18, 1923

Dec. 18, 1923—SW HYDE 240.66 SE Fruitvale Ave SE 45 SW 82 73 NW 43.85 NE 93, Oakland. Thomas J and Maude E Bartlett to whom it may concern.....Dec. 15, 1923

Dec. 18, 1923—NW SHATTUCK AVE and Addison, Berkeley. The College National Bank to Ostlund & Johnson, Dec. 1, 1923; American Marble & Mosaic Co, Dec. 1, 1923; California Artistic Metal & Wire Co .....Dec. 1, 1923

Dec. 18, 1923—SW SEVENTH AND Campbell N 25 S 100.7 W 50 S 25 E 75 W 125.7, Oakland. Theo Spiropaulos to J S Hauri....Dec. 18, 1923

Dec. 18, 1923—NO. 6020 CAMDEN ST., Oakland. Daniel W Sargent to George Engs .....Dec. 15, 1923

Dec. 18, 1923—PTN LOTS 45 AND 46 Map Fortieth Street Tract, Oakland. Paul Bellnomini to John Passarino.....Dec. 12, 1923

Dec. 17, 1923—S E-TWELFTH 77½ W Fifth Ave., Oakland. Roy J Burks to Marshall & Burks.... .....Dec. 13, 1923

Dec. 17, 1923—S WALLACE AVE 100 E San Pablo Ave E 60 S 50 E 15 S 25 W 75 N 75, Emeryville. Joseph H Crose to George C Nall.Dec. 10, '23

Dec. 17, 1923—NO. 1539 SEVENTY-eighth Ave., Oakland. Grace E. Hickok to N M Strobel..Dec. 10, '23

Dec. 19, 1923—LOT 26 BLK 15 Resubdivision Hollywood, Oakland. Chas W Slack to whom it may concern .....Dec. 17, 1923

Dec. 19, 1923—W BAY 667.5 S San Antonio Ave., S 50xW 100, Ala. Frank C. Stratford to H M Frostholm .....Dec. 10, 1923

Dec. 19, 1923—W BROADWAY 113.5 N College Ave., 60x98, Oakland. Mrs. May Myers to J W Monroe.. .....Dec. 14, 1923

Dec. 19, 1923—S FIFTY-FIFTH 50 W Shattuck Ave., Oakland. J E O'Connor to F A Andrews.Dec 19, '23

Dec. 19, 1923—S FIFTY-FIFTH 88 W Shattuck Ave., Oakland. J E O'Connor to F A Andrews....Dec. 19, 1923

Dec. 19, 1923—LOT 44 BLK 4 Map Berkeley, Mabel M Bramlage to E D Bramlage.....Dec. 18, 1923

Dec. 19, 1923—3401 THIRTY-EIGHTH Ave., Oakland. Wallace H Locke to whom it may concern..Dec. 19, '23

Dec. 19, 1923—NW GARLAND AND Fairmont, Oakland. Lars Olsen to Trammal & Bradhoff....Dec. 17, 1923

Dec. 19, 1923—LOTS 32 AND 34 BLK 17 North Cragmont, Berkeley. Wm W Jabes to E F Henderson.Dec. 18 '23

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Dec. 13, 1923—LOT 15 BLK "N" New Map Lyon Homestead, Oakland. C A Birth vs Gustaf and Hilma Sater and John Doe & Richard Roe.$110.56

Dec. 13, 1923—SW 15 FT. LOT 2, all Lot 3 Blk 4 Map Key Route Heights Oakland. C A Birth vs Marguerita W Hayes and Jane Doe and Richard Roe $818.82

Dec. 13, 1923—LOT 18 and E 20 Lots 1, 2 and 3, Thompson Park Tract, Alameda. George H Tay Co vs Walter More and W J Meyers.$138.82

Dec. 13, 1923—NE 26.94 LOT 32, all Lots 33, 34 and 35 Blk "H" Map Broadway Terrace, Oakland. Maxwell Hardware Co vs Oakland, San Francisco Improvement Co, W A Knowles and J C Downey.. $459.59

Dec. 13, 1923—NW FOURTEENTH Ave 65 NE E-18th St. NE 45xNW 84, Oakland. Maxwell Hardware Co vs Mary Augello.....$178.60

Dec. 13, 1923—N 26.94 LOT 32, all Lots 33, 34 and 35 Blk "H" Map Broadway Terrace, Oakland. Sutcliff & Hitchcock vs W A Knowles, Oakland San Francisco Improvement Co, J C Downey and Irene Van De Carr.....$1531.25
Dec. 14, 1923—NE 26 94 LOT 32, all Lots 33, 34 and 35 Blk "H" Map Broadway Terrace, Oakland. R G Jewell (Jewel Electric Co) vs W A Knowles, Irene Van De Carr $350
Dec. 14, 1923—NE 26.94 LOT 32, all Lots 33, 34 and 35 Blk "H" Map Broadway Terrace, Oakland. Spott Electrical Co vs Irene Van de Carr $996.89
Dec. 14, 1923—W VICENTE 836.45 N Fifty-sixth N 32 W 102.74 S 20.22 E 100.69, Oakland. Rhodes-Jamieson Co vs S R Gaddis and Mary Lee Kelly $52.15
Dec. 14, 1923—NO. 5421 BROADWAY, Oakland. W Wesley Hicks vs Irene Van de Carr, W A Knowles and J C Downey $913
Dec. 14, 1923—LOTS 3, 4, 5, 6, 17, 18, 19, 20, 23, 24, 25, 26, 27 and 28 Blk "J" Map doing resbdvn portion Ptn Blks E, F, G, H & I, Huntington Tract, Oakland. Otis Elevator Co vs Westgate Metal Products Co $1681.65
Dec 15, 1923—S CENTRAL AVE 50 W of land of Teutonia Park and Homestead Assn W 200 S to Lots 17 and 18 Sec 16 Tide Land Surveys, Alameda. A Angelo vs Geo H & Bertha C Masters and Joseph and Mary Leal.....$661.88
Dec. 15, 1923—LOTS 11 AND 12 BLK "G" Sbdvn Blks E, F and G Mary E Mortimer Addition to Niles. Roy Nickerson, $110; John Taliaferro, $85; Elmer G Graybill, $114.48 vs Chas Peterson .....
Dec. 15, 1923—S 45 LOT 36 Map Bowie Ppty., Piedmont. Hogan Lumber & Mill Co vs L D Denton and Paul D Smith.....$104.16
Dec. 15, 1923—LOTS 1 AND 2 BLK "G" Map Sbdvn Blks E, F and G Mary E Mortimer Addition to Town of Niles. Elmer G Graybill, $58.43; Roy Nickerson, $85 vs Salvatore and Egizia de Julio.....
Dec. 15, 1923—E THOMAS 85 S Munroe S 40 E 90 N 55 W 65, Oakland. C C Carman vs R L and L E Robins $320.50
Dec. 15, 1923—NE 26.94 LOT 32, All Lots 33, 34 and 35 Blk "H" Map Broadway Terrace, Oakland. W and J Sloane vs J C Downey, W A Knowles and Oakland and S F Improvement Co $94 17
Dec. 17, 1923—PTN LOT 7 BLK 1, Map North Cragmont, Berkeley. G R Heath, G H Wendt (as Heath & Wendt) vs Laura V and Eugene B Klyce $329.73
Dec. 17, 1923—S CENTRAL AVE 50 W land Teutonia Park & Homestead Ass'n W 200 S to Lots 17 and 18 Sect 10 Tide Land Surveys, Alameda. Scott Co $2169.72; Emeryville Hardware & Tool Co, $122.68 vs George H and Bertha C Masters, Poseph and Hary Leal and J F Maganmi .....
Dec. 17, 1923—E MADERA 500 N Fleming, Oakland. Oakland Lime & Cement Co vs W B Wilson and E R Dunn $239.45
Dec. 17, 1923—LOTS 1 AND 2 BLK "G" Map Sbdvn Blks E, F, G, Mary E Mortimer Addition to Town of Niles. J F Amaral vs Salvatore & Egizia De Julio.....$55
Dec. 17, 1923—LOT 200 Map 4th Ave. Terrace Extension, Oakland. J L Todd and J Z Todd (Western Door & Sash Co) vs Gus Johansen, F J and Mary England $265
Dec. 17, 1923—W 36 OF N 80 Lot 1 Blk 2, Teachers' State University Homestead Assn. Berkeley. A Eichner vs Walter W and Hilja Ekendahl $145
Dec. 17, 1923—LOTS 79 AND 80 BLK "A" Map Ptn Alta Vista Tract, Oakland. Neighbor's Lumber Yard vs W B Wilson.....$183.78
Dec. 17, 1923—SE MADERA AVE 86 NE Fleming Ave NE 40xSE 105, Oakland. Neighbor's Lumber Yard vs W B Wilson.....$232.26
Dec. 18, 1923—S CENTRAL AVE 141-6 W Fifth St. W 200 S to Lots 17 and 18 Sec 10 Tide Lands Survey, Alameda. Sluren & Arneson vs Geo H and Bertha C Masters, Joseph and Mary Leal and J F Maganini....$195
Dec. 18, 1923—S CENTRAL AVE 141-6 W Fifth W 200 S to Lots 17 and 18 Sect 10, Tide Land Surveys, Alameda. Scott-Buttner Elec Co vs George H and Bertha C Masters, Joseph and Mary Leal and J F Maganini.....$180.21
Dec. 18, 1923—LOT 85 BLK "A" Map Ptn Alta Vista Tract, Oakland. E L Macy vs W B Wilson and E R Dunn $325
Dec. 17, 1923—S CENTRAL AVE 50 W of Teutonia Park and Homestead Assn Lands W 200 S to Lots 17 and 18 Sec. 10 described Liber 92 Decds Page 323, Alameda. J F Maganini vs Joseph Leal $3625.41
Dec. 19, 1923—LOT 200 Map 4th Ave Terrace Extension, Oakland. A K Goodmundson vs Fred J and Mary England and Gustaf Johanson...$91

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Dec. 15, 1923—LOT 19 and S 15 Lot 18 Blk 1, Map Broadway Terrace, Oakland. Pacific Mfg Co to W A Knowles $843.39
Dec. 15, 1923—LOT 11, A. J. Snyder's Resbdvn Blk "H" Map No. 2, Linda Vista Terrace, Oakland. W C Kinggett to Nels J Nelson.....$585
Dec. 15, 1923—LOTS 14, 15 AND 16 and Ptn Lot 17 Map Hillside Park, —. H A Hechtman, $153.45 and $324 to Geo W Eliasson & William King .....
Dec. 17, 1923—LOTS 14, 15 AND 16 & Ptn Lot 17 Map Hillside Park, Piedmont. A Hernandez to Geo W Eliassen and William King.....$595
Dec. 17, 1923—LOTS 11 AND 12 BLK "F" Peralta Heights, Oakland. Geo C Garcia to C C Williams.....$442

Notice of Non-Responsibility

ALAMEDA COUNTY

Dec. 13, 1923—NE 12-6 LOT 38, all Lot 39 and SW 17-6 Lot 40 Blk 13, Map Key Route Helghts, Oakland. Alameda Investment Co as to improvements on property.....

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

ALTERATIONS
NO. 1826 L ST., Fresno. All work for alterations and additions.
Owner—Chris Zampathas.
Architect—None.
Contractor—Frank M. Corey.
Filed Dec. 11, '23. Dated Dec. 10, '23.
TOTAL COST, $600

BUILDING
LOTS 22 AND 25 BLK 92, Fresno. All work for one-story concrete building.
Owner—Annie L. Wallace.
Architect—None.
Contractor—R. F. Felchlin Co., T. W. Patterson Bldg., Fresno.
Filed Dec. 8, '23. Dated ——.
TOTAL COST not to exceed $32,000 on 10% com.
Bond, none. Limit, 4 months. Forfeit, plans and specifications none.
NOTE—Second party to sub-contract.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

STORE
PINEDALE, Fresno. All work for concrete block store.
Owner—Casella Bros.
Architect—None.
Contractor — L. Russo, 26 White's Bridge, Fresno.
Upon signing contract.....$ 500
Outside walls 7 ft. high..... 1000
Roof on 1000
Plastering completed 1000
Building completed 900
Usual 35 days..... 2000
TOTAL COST, $6400
Bond, limit, forfeit, plans and specifications, none.

BUILDING
LOTS 1, 2 AND 3 BLK 208, Fresno. All work for one-story brick building.
Owner—J. M. Menend, 1319 Broadway, Fresno.
Architect—H. F. Starbuck, 2550 Merced St., Fresno.
Contractor—Carl D. Hovsepian, 640 L St., Fresno.
Filed Dec. 18, '23. Dated Dec. 8, '23.
As work progresses..... 75%
Usual 35 days.....Balance
TOTAL COST, $8300
Bond, none. Limit, 60 working days. Forfeit, $10 per day. Plans and specifications filed.

TWO dwellings and garages, $7200; No. 1043 Third St., and 3303 Lowe Ave., Fresno; owner, Jack M. Bandy, 605 Roosevelt St., Fresno.
ADDITIONS and alterations, $6000; No. 1725 Broadway, Fresno; owner, Natatorium Co.; contractor, Jas. L. Daly, 702 G-McK Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Dec. 6, 1923—LOTS 15 AND 16 BLK 51, Reedley. E K Smith to whom it may concern.....Nov. 30, 1923
Dec. 6, 1923—LOTS 5 AND 6 BLK 7, Boyd Addn., Fresno. Harriet Thompson to whom it may concern .....Dec. 5, 1923
Dec. 6, 1923—LOTS 7 AND 8 BLK 80, Sierra Vista Addn No. 4, Fresno. Geo. G Wood to whom it may concern.....Dec. 5, 1923
Dec. 7, 1923—LOTS 45, 46, 39 AND 40, Blk 79, Sierra Vista Addn No. 4, Fresno. Jack W Bandy to Whom it may concern.....Dec. 7, 1923
Dec. 8, 1923—S 5 FT LOT 6, all Lot 7 N 15 ft. Lot 8, Blk 1, Central Park, Fresno. W B Watson and A F Lambert to whom it may concern.. .....Dec. 7, 1923
Dec. 8, 1923—LOT 10 BLK 11, North Park Terrace, Fresno. G B Colburn to whom it may concern..... .....Dec. 8, 1923
Dec. 8, 1923—LOTS 45 AND 46 BLK 9, La Sierra Tract, Fresno. K O Kesler Co to whom it may concern .....Dec. 7, 1923
Dec. 10, 1923—E ½ LOT 8 LOT 9 BLK 23, Arlington Heights, Fresno. C C Williams to whom it may concern .....Dec 7, 1923
Dec. 10, 1923—LOTS 15 AND 16 and adjoining 10 ft. Lot 14 Blk 28, Fresno. Hom Ah Quai to Fisher & McNulty.....Dec. 8, 1923
Dec. 11, 1923—S ½ OF W 50 FT. LOT 14, Normal 9cres, Fresno. E L Todd to whom it may concern... .....Dec. 3, 1923
Dec. 12, 1923—SW INYO AND VAN Ness Ave., Fresno. F P Black to R F Felchlin Co.....Dec. 6, 1923
Dec. 12, 1923—SW KERN ST. AND Van Ness Ave, Fresno. Sun-Maid Hotel Corpn to A Knowles.Dec. 6, '23
Dec. 12, 1923—LOTS 31 AND 32 BLK 10, New High Addition, Fresno. Grace Herrera to whom it may concern .....Dec. 11. 1923
Dec. 13, 1923—LOTS 1 AND 2 BLK 2, Pinedale. G and A Casella to L Russo.....Dec. 10, 1923
Dec. 13, 1923—LOTS 45 AND 46 BLK 74, Sierra Vista Add No. 4, Fresno. H T Wallers to whom it may concern.....Dec. 13, 1923
Dec. 13, 1923—LOTS 17 AND 18, Nishkian Tract, Fresno. J A Schlotthauer to whom it may concern... .....Dec. 12, 1923
Dec. 13, 1923—LOTS 7, 8 AND 9 BLK 1, Torrance Terrace, Fresno. Geo W Ryman to whom it may concern .....Dec. 11, 1923

Dec 14, 1923—LOTS 19 AND 20 BLK 5, Alhambra Tract, Fresno. F D Sweeney to whom it may concern .....Dec. 5, 1923
Dec. 14, 1923—LOT 20 BLK 11, North Park Terrace, Fresno. Alfred A Folton to C E Millhollen. Dec. 12, '23
Dec. 14, 1923—H AND SAN BENITO Sts., Fresno. P A Wolff Bldg Co to W P Green and Independent Electric Co. (3 compltion notices) Oct 1, 1923, Nov. 1, 1923 Nov. 2 1923
Dec. 15, 1923—LOTS 29 AND 30 BLK 5, Dean Park, Fresno. M T Markle to W A Beran. .....Dec. 14, 1923
Dec. 17, 1923—LOTS 9, 10 AND 11 Blk 5, College Addition, Fresno. Adolph Jauss to whom it may concern.....Dec. 11, 1923
Dec. 18, 1923—LOTS 1 AND 2 BLK 49, Fresno. D Rampone et al to whom it may concern.....Dec. 15, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
Dec. 6, 1923—LOTS 7 AND 8, Whitehouse Tract, Fresno. G L Coulter vs Walter B Berton.....$324
Dec. 11, 1923—LOTS 11 TO 16 BLK 6, Fresno. W R Thomas vs Frank Y Wong and C N McKnight.....$225
Dec. 12, 1923—LOTS 16 AND 17 BLK 10, College Addition, Fresno. R O Deacon, Inc vs P A Wolff.....$172
Dec. 13, 1923—LOTS 7 AND 8, Whitehouse Tract, Fresno. J L Jones vs Walter B Berton.....$73
Dec. 14, 1923—LOTS 19 AND 20 BLK 2, Duncan Add, Fresno. John Beebe vs Al Urbach et ux $13
Dec. 15, 1923—LOT 6 E 17 ft. Lot 7 Blk 2, St. Francis Wood, Fresno. J D Halstead Lumber Co vs P A Wolff $1761
Dec. 15, 1923—N 84 FT. LOTS 12 and 13 Blk 15, Blackstone Villa, Fresno. Fresno Bldrs Supply Co vs C M Bomer $127
Dec. 15, 1923—LOTS 19, 20 AND 21 Blk 1, Recreation Park, Fresno. Maisler Bros vs L C Jurczek and Dorothy Potts.....$230

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 1-story 5-room and garage, $3300; No. 1209 7th Ave., Sacramento; owner, Konauh Ichimura 5th and L Sts., Sacramento; contractor, P. R. Opdyke.
CLUB room, one-story, $4500; No. 2316 12th St., Sacramento; owner, Frank L. Dixon, 1015 23rd St., Sacramento.
DWELLING, 1-story 6-room and garage, $6200; No. 2926 26th St., Sacramento; owner, F. L. Andrews, 2424 L St., Sacramento; contractor, G. W. Peasgood.
DWELLING, 1-storly 6-room and garage, $3000; No. 3157 E St., Sacramento; owner, E. Stultz, 2000½ K St., Sacramento;.
DWELLING, 2-story 7-room and garage, $7500; No. 1414 44th St., Sacramento; owner, M. C. Bolts, 1335 40th St., Sacramento.
DWELLING, one-story 5-room and garage, $3250; No. 3957 Miller Way, Sacramento; owner, W. T. Martin and D. E. Andras, 3343 43rd St., Sacramento; contractor, W. T. Martin.
DWELLING, one-story 5-room and garage, $4500; No. 852 43rd St., Sacramento; owner, Mrs. G. A. Pierce, 515 19th St., Sacramento; contractor, W. T. Foster, 3400 4th Ave., Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 1848 43rd St., Sacramento; owner, W. Deldnea, 1908 42nd St., Sacramento.
DWELLING, one-story 4-room and garage, $2500; No. 2614 20th St., Sacramento; owner, Blanche Edgar, 2200 J St., Sacramento.
DWELLING, one-story 5-room and garage, $3775; No. 1432 35th St. Sacramento; owner, Mrs. Alice Brier, 1909 X St., Sacramento; contractor, Geo. W. Martin & Con, 1417 19th St., Sacramento.
THREE flats, 2-story 5-rooms each and garage, $8400; No. 1348 38th St., Sacramento; owner, H. Bidwell, 1005 H St., Sacramento; conaractor, W. R. Saunders. 2614 I St., Sacto.
DWELLING, 1-story 5-room, and 2-stall garage, $5000; 3013 K, Sacramento; owner, A. G. Pape, 2409 L, Sacramento; contractor, F. A. S. Foale, 508 Ochsner Bldg., Sacramento.
DWELLING, 1-story 5-room, and garage, $3500; 2724 Donner Way, Sacramento; owner, Alpine Const. Co.
FIRE HOUSE NO. 1, $29,205; 124 L, Sacramento; Owner, City of Sacramento; contractor, J. T. Gormley.
DWELLING, one-story 5-room, $4300; 3963 Downey Way, Sacramento; owner, Mr. and Mrs. L. J. Tracy, 1316 18th, Sacramento; contractor, A. H. Norris, 3012 G, Sacramento.
DWELLING, 2-story 8-room, and garage, $6500; 1430 44th, Sacramento; owner, E. A. Sayre, 1541 34th, Sacramento; Contractor, L. F. Gould, 1623 O, Sacramento.
DWELLING, 2-story 10-room, and garage, $14,300; 1069 45th, Sacramento; owner, F. E. Lauppe; contractor, Jos. T. Randall, 1055 41st, Sacramento.
DWELLING, 1-story 5-room, and garage, $3000; 1033 35th, Sacramento, owner, J. A. McIntyre.
DWELLING, 1-story 4-room, $3500; 3232 L, Sacramento; owner, O. E. Smith, 1200 33rd, Sacramento; contractor, M. A. Frantis, 1728 S, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Dec. 13, 1923—E ½ LOT 6, X, Y, 25th and 26th Sts., Sacramento. George Atkinson to whom it may concern .....Jan 1, 1923
Dec 14, 1923—LOT 33 Golf Terrace, Sacramento. A V McDonald to Ed R Beebe to whom it may concern.. .....Dec. 3, 1923
Dec. 15, 1923—W 90 FT. LOT 4, J St. Sub Tract 4, Sacramento. Flora C Harvey to whom it may concern... .....Nov. 14, 1923

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Dec. 13, 1923—LOT 10 BLK 7, Woodlake. Sunset Lumber Co vs Maud Grace Voorhies $1722.94
Dec. 13, 1923—LOT 11 BLK 8, Woodlake. Sunset Lumber Co vs Clarence C Johnson $1026.28
Dec. 14, 1923—LOT 8 BLK 28, North Sacramento Sub. Max A Mobley vs Oliver C Smith.....$100
Dec. 15, 1923—LOT 15 BLK 2, Maple Park, Sacramento. Superior Lumber & Fuel Co vs J L and A Johnson $62.05
Dec. 15, 1923—S ½ OF W ½ LOT 2, F. G, 15th and 16th Sts., Sacramento Superior Lumber & Fuel Co vs Elmer E and Emma E Dearborn.. .....$365.12

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

HOTEL
TWELFTH AND L STS., Stockton. To deliver and sell at times mentioned f. o. b. cars of per prop. for Hotel Senator.
Owner—Hotel Senator by Cahill Bros., Inc., 110 Sutter St., San Francisco, General Contractor.
Architect—None.
Contractor—Richmond Sanitary Mfg. Co., 441 2nd St., San Francisco.
Filed Dec. 4, '23. Dated Nov. 10, '23.
TOTAL COST, $——
Bond, limit, forfeit, none. Plans filed.

ORNAMENTAL IRON AND BRONZE work on above.
Contractor—Peerless Ornamental Iron & Bronze Co., 1528 Folsom St, San Francisco.
Filed Dec. 4, '23. Dated Nov. 22, '23.
TOTAL COST, $18,107
Bond, limit, forfeit, none. Plans filed.

SCHOOL
JACKSON SCHOOL, Stockton. All work to complete two rooms of the Jackson School building.
Owner—Board of Education of the City of Stockton by J. R. Humphreys, Pres. and Ansel S. Williams, Secy.
Architect—None.
Contractor—F. R. Shutes and F. R Zinck (Shutes & Zinck), Exchange Bldg., Stockton.
Filed Dec. 13, '23. Dated Dec. 7, '23.
TOTAL COST, $2395
Bond, none. Limit, 30 working days Forfeit, none. Plans only filed.

RESIDENCE, $3000; No. 2111 E-Sonora St., Stockton; owner, O. Bramsley.
RESIDENCE, $3800; No. 242 E-Third St., Stockton; owner, E. L. Bodiner.
DUPLEX house, $8000; No. 1320 N-Stockton St., Stockton; owner, I. B. Langdon, Wilhoit Bldg., Stockton.
REMODEL, $2500; No. 334 E-Market St., Stockton; owner, Masonic Temple Association, Market and Sutter Sts., Stockton.
GARAGE, $3500; No. 1327 W-Park St., Stockton; owner, C. K. Pasma, 1803 S-Grant St., Stockton.
RESIDENCE, $3500; No. 1170 W-Walnut St., Stockton; owner, R. G. Polson.
GARAGE, $8000; No. 21 N-Aurora St., Stockton; owner, L. Stagnaro, 1280 E-Lindsay St., Stockton.
RESIDENCE, $45,000; No. 28 W-Main St., Stockton; owner, P. Valorie.
RESIDENCE, $5500; No. 453 Bristol St., Stockton; owner, Professor Werner

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Dec 6, 1923—GEORGE ASHLEY RD., No. 88, Located 6 miles NE of Stockton. Carlo Leale to Paolo Nomellini.....Dec. 3, 1923
Dec. 11, 1923—LOTS 1, 2, 3, 4, 5 and 6 Castiau Tract, Stockton. Arthur J Castiau to whom it may concern.. .....Aug. 15, 1923
Dec. 11, 1923—LOT 8 BLK 5, Lomita Park, Stockton. E E Bravo to T E Williamson.....Dec. 6, 1923
Dec. 12, 1923—W 47 FT. LOTS 2 AND 4 Blk 26, Stockton City Homestead Association, Stockton. Ansel I Roberts to Arthur Hollenbeck..... .....Dec. 8, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Dec. 13, 1923—PTN SEC. 18 in T 2 S R 9 E, Stockton. S J Irwin and C C Moorhead (Irwin Lumber Co) vs William R Lewis.....$955.65

BUILDING CONTRACTS

SANTA CLARA COUNTY

$1,000 and Over Reported

COTTAGE, 6-room, $3980; Hollywood nr First, San Jose; owner, L. A. Long; contractor, Johnson & Rodinguez.
COTTAGE, 5-room, $1985; 20th near Antonio, San Jose; owner, Mrs. Emma Larson.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Dec. 4, 1923—SARATOGA SCHOOL, Sartago. Saratoga School Dist (by Trustees) to E D Hooker..Dec. 4, '23
Dec. 4, 1923—PTN LOT 4 BLK 21, University Park, Palo Alto. Alfred J and Mary K Engle to F W Fox .....Nov. 26, 1923
Dec. 5, 1923—BLK 8 RANGE 1, West Overbough & Roberts Survey on Lyman Lots, San Jose. Lena Oneto to Looman & Brimhall..Nov. 26, 1923
Dec. 6, 1923—LOT 12 BLK 16, East San Jose Homestead Ass'n Tract, San Jose. Raymond W and Mildred P Wagner to D H Main and S C Evans .....Dec. 6, 1923

Dec. 6, 1923—PTN LOT 4 BLK 35, City of Palo Alto. Alice B McCoy to whom it may concern..Dec. 4, 1923
Dec. 6, 1923—ALL LOT 26 Ptn Lot 27 Blk 47, City of Palo Alto. Lewis N Taylor to whom it may concern.. .....Dec. 3, 1923
Dec. 7, 1923—LOT 9 BLK 2, Acacia Park, San Jose. William H O'Neil to whom it may concern..Dec. 6, '23
Dec. 7, 1923—W THE ALAMEDA bet. Lnezen Ave. and Pershing Ave., San Jose. Hester School Dist (by Trustees) to J B Balcomb....Dec. 6, 1923
Dec. 7, 1923—LOT 63 Clara Vista Tct. Palo Alto. Kate H Brandon to whom it may concernNDec. 16, 1923
Dec. 7, 1923—LOT 11 BLK 2, Hester Park, San Jose. Vincent Maggio to whom it may concern..Dec. 7, 1923
Dec. 8, 1923—LOTS 25 AND 26 BLK 14, Evergreen Park, San Jose. Sadie Stiles to whom it may concern.....Dec. 7, 1923
Dec. 10, 1923—LOT 7 BL% G "South Gate." C Waleer Tozer to The S A Born Bldg Co.....Dec. 10, 1923
Dec. 11, 1923—PTN LOTS 1 AND 2 Rhoades Tract, San Jose. A M Elliott to A M Elliott...Nov. 30, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Dec. 5, 1923—SE LEWIS AND MONterey Roads, San Jose. Jas Simpson vs Angie A Abraria and Vincent Mabbio $207
Dec. 5, 1923—LOT 2 O'Banion-Kent & Bruce Sbdvn, San Jose. S H Chase Lumber Co vs Angie A Abraria and Francisco Passantino$600 .....
Dec. 5, 1923—SE LEWIS & MONTErey Roads, San Jose. The Firm of Merritt & Parlier and as copartners vs Angie A Abraria $202.96
Dec. 5, 1923—SE COR. LEWIS AND Monterey Roads, San Jose. Toney Caccamo vs Angie A Abraria....$235
Dec. 5, 1923—SE COR. LEWIS AND Monterey Roads, San Jose. Hubbard & Carmichael Bros vs Angie A Abraria $1201
Dec. 10, 1923—ST. JOHN ST., bet. 14th and 15th Sts. known as 675 and 677 East St. John St., San Jose. J S Odell and G A Wilson vs Adelaide Lamoureux $118
Dec. 10, 1923—ST JOHN ST..b et. 14th and 15th Sts., known as 675 and 677 E St. John So., San Jose. J S Odell and G A Wilson vs Adelaide Lamoureux $3350
Dec. 10, 1923—LOTS 11, 12 AND 13 Blk 25, College Terrace, City of Mayfield. Robert Bruce and W G Bell (Bruce Constr Co.) vs Anna L Wright $217.46

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Dec. 4, 1923—27.302 ACRES ON SW line of San Francisco-San Jose Rds and SE line of Town of Mayfield. Samuel A Pease to Sebastian C Jones $50.62
Dec. 7, 1923—LOT 18 Map Estrada Park, San Jose. The Minto Co to Mercantile Trust Co of California and Carl Hilpisch.....$1158.01
Dec. 11, 1923—LOT 8 BLK 14, Hanchett Residence Park, San Jose. Southern Lumber Co to Peninsula Land & Imp Co and Jack D Barbe $559.84
Dec. 11, 1923—LOT 8 BLK 14, Hanchett Residence Park, San Jose. E Levin to Peninsula Land & Imp Co and Jack D Barbe.....$353.41
Dec. 10, 1923—LOT 2 BLK 10, Hanchett Residence Park, San Jose. Bert Dosh to Paul Rudolph.....$51
Dec. 10, 1923—LOT 2 BLK 10, Hanchett Residence Park, San Jose. J C Hackett to Paul Rudolph.....$72

BUILDING CONTRACTS

SAN MATEO COUNTY

STORE BLDG., brick $10,000; Lot 2 Blk 22 B St., San Mateo; owner, C. H. Castle, San Mateo; contractor, S. A. Borne, Glazenwood, San Mateo.
DWELLING, $4000; Lot 21 Blk A S. M. Heights, San Mateo; owner, W. Spencer 611 Prospect Row, San Mateo.
ALTERATIONS, $1000; 620 S. M. Drive, San Mateo; owner, B. Larsen, 620 S. M. Drive, San Mateo; contractor, Chas. Peterson, San Mateo.
BUNGALOW and garage, $5000; Lot 29 Blk 50 Balboa Ave., Burlingame; owner, Mrs. L. G. Mac Bain, 234 Myrtle, Burlingame.
BUNGALOW and garage, $4000; Lot 23 Blk 44 Eastern Drive, Burlingame; owner, H. L. Pierce.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Dec. 7, 1923—LOMITA PARK, San Mateo. Milbrae School District to C C Hall.....Nov. 28, 1923
Dec. 7, 17923—LOT 38 BLK 49, Easton No. 4, Burlingame. J B and Lillian Tourny to whom it may concern.. .....Nov. 1, 1923
Dec. 10, 1923—LOT 5 BLK 9, Burlingame Terrace, Burlingame. A W Dumn to Oscar Cavanagh..Dec. 3, 1923
Dec. 10, 1923—PTN LOT 29 BLK 30 Easton No. 1, Burlingame. Thos and Sarah Helen Bradbury to Theodore T Kanjepen....Dec. 8, 1923
Dec. 11, 1923—LOT 25 BLK 15, Burlingame Grove, Burlingame. W G and Alice Cornelius to Ed Shaver... .....Dec. 1, 1923
Dec. 12, 1923—LOT "N" BLK 1, Burlingame Terrace, Burlingame. Byrne & Chesney to whom it may concern .....Dec. 12, 1923
Dec. 12, 1923—LOT 11 BLK 4, Burlingame Villa Park, Burlingame. W Victor Their to W Olund.Dec. 12, '23
Dec 12, 1923—LOT V BLK 4, Burlingame Terrace, Burlingame. Byrne & Chesney to whom it may concern.....Dec. 12, 1923
Dec. 13, 1923—N ATHERTON AVE., Atherton. Winchester Estate to J J McLeod, L A Hinson, National Electric Co and Tormey Co, Nov. 20, 1923; and National Elec Co.... .....Dec. 17, 1923
Dec. 13, 1923—LOCATION NOT Given. Mills Estate Inc to H E Casey Co .....Uov. 24, 1923
Dec. 13, 1923—BLK 4 LOT 12, Menlo Heights. Dina Hagevall to V E Hayward.....D..ec. 6, 1923
Dec 13, 1923—LOS LOMITAS SCHOOL Los Lomitas School District to D C Lawson.....Nov. 15, 1923
Dec. 13, 1923—LOT 5 BLK N Hayward Park, San Mateo. G C and Emma R Elwood to Charlie Hansen and Hugo Hulhen.....Dec. 3, 1923
Dec 14, 1923—LOTS 6 AND 7 BLK 1, Lot 2 Blk 1, Lot 8 Blk 7, Lots 5 & 6 Blk 7 Ptn 14, 20 and Lot 1 Blk 8. Redwood Highlands. Redwood Highlands Co to Louis N Pollard. .....Dec. 8, 1923
Dec. 14, 1923—PTN LOTS 8 AND 10 Blk 20, Redwood Highlands. Redwood Highlands Co to Louis N Pollard.....Dec. 8, 1923
Dec. 18, 1923—LOT 8 BLK 17, Easton, Burlingame. Miles M Eldu to whom it may concern.....Dec. 10, 1923
Dec. 19, 1923—LOT 3 BLK 12, Burlingame Terrace, Burlingame. Herman Rumpf to Daley Bros..... .....Dec. 14, 1923
Dec. 19, 1923—"EDGECOURT," Hillsborough. George A Pope to F H Boring .....Dec. 4, 1923
Dec. 19, 1923—LOTS 1 TO 14, Inc, Blk 13, Millbrae Tract. Millbrae School District to Williams Radiator Co... .....Dec. 19, 1923

LIENS FILED

SAN MATEO COUUTY

Recorded Amount
Dec.11, 1923—LOT 247 San Mateo Park. Jahn Looman Looman & Brimhall vs John Eshia $2502.31
Dec. 13, 1923—LOTS 2 AND 3 BLK 12, Burliungame Terrace, Burlingame. San Mateo Feed & Fuel Co. vs H Rumpf $71.75
Dec. 13, 1923—LOT 21-A BLK 26, Lyon & Hoag, Burlingame. M Lourensen vs James W and Amelia J Blythe $538.53
Dec. 14, 1923—N ½ LOT 9 BLK 3-B, West Addition, San Mateo. Peninsula Electric Co vs C Koop et al.$56
Dec. 15, 1923—LOT 9 BLK 3-B, Western Addition town of San Mateo. R A Miller vs C Kopp and James Keegan $750

BUILDING CONTRACTS

MARIN COUNTY

DWELLING, $1600; owner, F. Schroder, Mill Valley.
DWELLING, $3300; owner, Kent-Minto Locust Ave., Mill Valley.
DWELLING, $3500; owner, C. H. Dexter Locust Ave., Mill Valley.
DWELLING, $7500; owner, W. B. Maling, Coronet Ave., Mill Valley.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
JERROLD AVE. & VERNEVELD AVE.
Mission 901-902-903-904 San Francisco

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO
Member
Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND
SACRAMENTO
STOCKTON
FRESNO

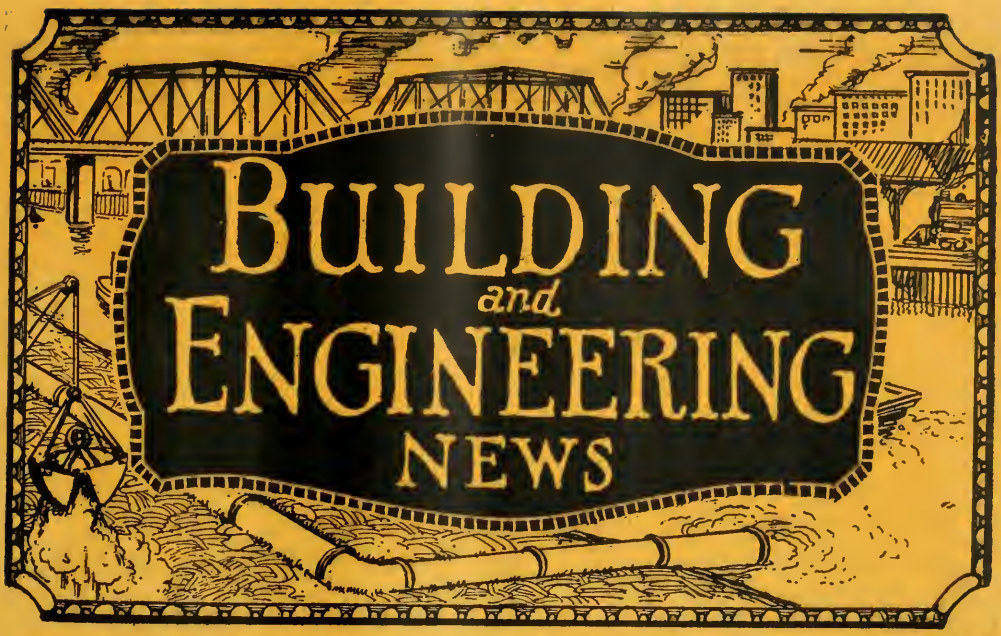
LOS ANGELES
HOLLYWOOD
PASADENA
LONG BEACH

SAN DIEGO
SANTA MONICA
SAN BERNARDINO
SANTA ANA

PORTLAND
BOISE
WALLA WALLA
SALT LAKE CITY

SEATTLE
TACOMA
SPOKANE
YAKIMA

SAN FRANCISCO
PUBLIC LIBRARY



Publication Office
816 Mission Street

SAN FRANCISCO, CALIF., DECEMBER 29, 1923

Published Every Saturday
Twenty-third Year No. 52

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

KOEHRING HEAVY DUTY

Remixes Concrete

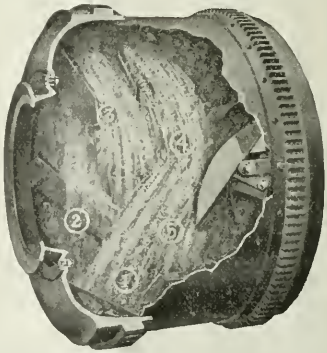
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., DECEMBER 29, 1923 — Twenty-third Year No. 52

No. 818 Mission Street,
San Francisco, Calif.
Telephone Garfield 3140

THE MERCURY PRESS
(E. J. Cardinal & J. I. Stark)
Publishers and Proprietors

J. P. FARRELL, Editor
E. J. CARDINAL, General Manager
J. E. ODGERS, Advertising Manager

Devoted to the Engineering, Architectural, Building and Industrial Activities of the Pacific Coast.

OFFICIAL PAPER OF
Stockton Architects' Association
Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

Subscription terms payable in advance
U. S. and Possessions, per year..$5.00
Canadian and Foreign, per year.. 6.00
Single Copies 25c

Entered as second-class matter at San Francisco Post Office under act of Congress of March 3, 1879.

NOVEL COMPETITION

The City Planning Commission of Pasadena, Calif., with the approval of the Board of City Directors, has invited 10 representatives of architects in California to submit plans for the civic group in Pasadena.

Designs for the proposed city hall, municipal auditorium and public library, for which bonds for $3,500,000 were recently voted for purchase of sites, and construction of buildings, must be submitted to the board on or before Feb. 15.

No design will be accepted that bear any note revealing their authorship, it is said.

$20,000,000 BOND ISSUE IS PROPOSED FOR ARIZONA ROADS

A bill has been drafted to be presented to the legislature of Arizona providing for a constitutional amendment to be submitted to the people authorizing the issuance of $20,000,000 bonds to complete the highway system of the state. Governor Hunt has announced he will not favor the proposed plan of issuing the bonds unless it can be shown that the interest on the bonds can be paid and the bonds can be redeemed out of the fund created by the 3-cent gasoline tax. The governor says that this has not yet been done.

TIMBER INCREASE OF 230% MAY BE EFFECTED

The practice of intensive forestry will increase the annual growth of saw timber in California from its present low rate of 156,000,000 board feet to 3,600,000,000 board feet, asccording to experts of United States Forest Service. The present growth in the pine region of the state is estimated at 76,000,000 feet per year, which can be raised to 2,700,000,000 feet by the scientific management of the 16,800,000 acres of potential forest in this region. In the redwood belt, on the 400,000 acres of forest land, intensive forestry should produce 900,000,000 board feet a year.

This stupendous increase, foresters say, shows the great need for an experiment station in California, where the methods which will result in this increased growth may be developed and worked out. Our agriculture was largely a hit or miss proposition until the argicultural experiment stations developed new methods of handling the land and new practices which greatly increased the production per acre. Forest experiment stations, it is asserted, will do the same thing for forestry, and the time to develop intensive methods is now while California still has many thousand acres of virgin forest in which, with proper methods of management, planting will not have to be done as in a great part of the forest regions of the East.

Crude forestry, or merely fire protection on our forest lands after cutting, will not produce the desired increase in growth, it is said. Under the crude methods of forestry now practiced in our California timber, we can get only about 120,000,000 board feet of pine by 1950, and about 240,000,000 feet of redwood, a total of 360,0000,000 feet. This is but one-tenth of the growth that is possible under the best forest management. With an average value of $3 a thousand feet for lumber, crude forestry would produce an annual growth worth $10,800,000 or more than double what is being grown at the present time. Under intensive forestry such as would be worked out at a forest experiment station, the timber lands of the state should grow annually a produce worth $81,000,000 in the pine region, and at least $27,000,000 in the redwood region along the coast. With such wealth possible under intensive forestry the small amount of money necessary to maintain a forest experiment station in California would be a most promising investment for the future prosperity of the state, say the foresters.

CLAIMS LUMBERING METHODS ARE DESTRUCTIVE

M. A. Benedict, forest supervisor of Northfork, in an address at Fresno before the Federal Business Association, charged that the Sugar Pine Lumber Company of Fresno is logging privately owned timber land in the hills in such a way as to kill immature tree growth and make the land unproductive for a long term of years. Benedict declared the company often fells large trees into clumps of smaller ones to break the fall of the larger logs, thus wrecking the small growth and retarding future growth. Logging cables dragged through the smaller trees also contribute their quota of destruction, he said.

SACRAMENTO COUNTY CANNOT HIRE SPEED OFFICERS

Sacramento County cannot employ traffic officers to patrol the highways for speeders.

This is the opinion handed down by Chief Deputy District Attorney Ben F. Tabor, in a letter on file with the Sacramento County Board of Supervisors.

Tabor was requested some time ago by the supervisors to present an opinion as to the legality of employment of county speed officers and his opinion has been anxiously awaited by those interested in the question.

The request was made by the board when four motorcycle officers presented a claim for their salaries.

The letter of Tabor reads as follows:

"After a study of the law relating thereto, I am of the opinion there exist no provision under which a traffic officer can be appointed and paid by this county.

"It is true that the county government act of 1923 as applied to counties of the seventh class, fixes the salaries which may be paid to a traffic officer and his deputies.

"But the act, while 'creating' the offices of deputy traffic officers, does not 'create' the office of traffic officer. And the act expressly provides that its provisions in the respect shall apply whenever the office of traffic officer is created by law. This has not been done and, of course, if there be no traffic officers, there can be no deputies."

District Attorney J. J. Henderson previously handed down an opinion that it was illegal to engage traffic officers for Sacramento out of the secret fund given to his office by a law, notwithstanding the fact that several other counties of the same class as Sacramento are following this practice.

$2,200,000 ROAD BUDGET FOR CALIFORNIA

According to information received by the State Automobile Association, a comprehensive three-year road-building program, involving an expenditure of $7,500,000, one-third of which will be spent in California, has been approved by President Coolidge and the director of the national budget. The program thus approved provides $1,500,000 for Yosemite, $600,000 for Sequoia National Park, $100,000 for Lassen National Park, $100,000 for Lassen Volcanic National Park and lesser amounts for the various national monuments in this State. H. J. Brunnier, chairman of the Automobile Association's good roads committee, said that if this program is approved by Congress the appropriation for Yosemite would be used for paving the highway into the valley and for rebuilding the Tioga Pass road.

BROOKLYN BREAKS ALL U. S. BUILDING RECORDS

Building construction in Brooklyn for 1923 is expected to aggregate $300,000,000, according to officials of the building bureau in that city. For the eleven months ending December 1 plans had been filed aggregating $261,240,377. This breaks all recent Brooklyn records and is believed to exceed the amount of building of any other city in the United States for the same period.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Construction cost has dropped somewhat during the last month, the declines occuring principally in iron, lumber, cement and brick, according to Engineering News-Record of New York. These recessions, the publication says, are seasonal, but the gain in the volume of late autumn permits indicates an unusually extensive winter construction program. In the New York district, November contracts awarded were the heaviest of the year. Now comes the question of building materials scarcity, from 60 to 90 days hence. Cement mill stocks since August have been heavier than for the same months last year; there are more burned brick on hand than at any time in 1922; lumber production has exceeded shipments since April. Present lumber mill stocks, however, are approximately 360,000,000 feet, under the quantity on hand one year ago, owing to the extremely heavy demand

---

United States Senator McNary has introduced in congress his bill for perpetuation of the forests of this country through forest fire protection and reforestation. The measure provides for an appropriation of $5,500,000 to establish an adequate system of fire prevention and fire protection in the various states in which there are forest areas; co-operation between the federal government and the states and private owners in fire patrol work; transfer of certain areas from private interests to the government for protection of watersheds, and reforestation in burned over or logged off areas where natural reforestation cannot be accomplished.

Contractors doing work under the state laws for improvement of streets must notify each individual property owner of assessments, according to a ruling made by Judge J. M. York in the Los Angeles superior court. The court does not consider the posting of notices along the street improved sufficient to inform the property owners of his assessment. This ruling was made on a demurrer entered by property owners to the suit of Steddom & Blanchard to collect asssessments for improvement of Los Feliz road in Glendale.

Resolutions authorizing City Attorney Lull to petition the State Railroad Commission to place valuations on the power distributing properties of the Pacific Gas & Electric Company and the Great Western Power Company as the initial step toward final acquistition by the city of San Francisco for Hetch Hetchy hydroelectric power have been recommended by the Public Utilities Committee of the Board of Supervisors.

Recent articles of incorporation filed with the Secretary of State follow: Empire Construction and Finance Corp., capitalized at $200,000; Construction Engineering Finance Corp., capital, $25,000; California Panel & Veneer Co., capital $250,000; Putman Bldg. Corp., capital $50,000, all of Los Angeles.

Senator Shortridge seeks an appropriation of $1,500,000 to finance construction of a new marine hospital at San Francisco

Walter B. Lomax, Monadnock Bldg., San Francisco, announces that he has taken over as successor to the John R. Steffens-Lomax Co. or Steffens-Perry-Lumber, all agency lines previously handled by them. Eugene R. Perry, for many years Fenestra agent at Boston, Mass., is retained in charge of the engineering department, and Frank E. Vernall remains as engineer at the Los Angeles office. Mr. Steffens has retired from the business. Building material lines handled by Mr. Lomax include steel sash and doors, window operating devices, interior metal trim and metal partitions.

Detailed plans and specifications to improve the proposed hydro-electric project of the city of Sacramento on Silver creek are being prepared by engineers who, during the past summer months, were engaged in gathering data for submission to the Federal Power Board in support of the application for the permits for the project. The plans are being prepared from the data thus gathered. The step is being taken to facilitate construction when either the temporary or the permanent permits for the development have been granted by the Washington office of the power commission.

Contracts on public works must contain a clause limiting the daily hours of labor to eight, and providing for $10 an hour overtime in case of violation, according to a decision handed down by Judge Shields of the Superior Court at Sacramento. The decision was the result of action brought by the Reclamation Board of Sacramento and San Joaquin drainage district to determine the legality of a contract with the W. E. Callahan Construction Company, which omitted the clause providing for the penalty of overtime.

Approximately 19,000,000 common brick were imported into the U. S. through the port of New York during the third quarter of the current year, as against 10,379 for the preceding quarter. According to the Bureau of Foreign and Domestic Commerce the actual total was 18,953,000 (valued at $155,502), 18,365,000 of which came from Holland.

A record of nearly a million requests for assistance for American firms engaged in foreign trade is announced in the annual report Dr. Julius Klein, Director of the Bureau of Foreign and Domestic Commerce of the Department of Commerce. This figure for 1922-23 is just double that for 1921-22, the previous high record.

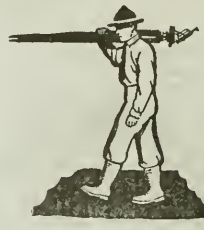
Seattle city council votes to postpone election until 1925 to decide on the adoption of the city manager form of government. It was proposed to hold the election March 11, 1924 but was postponed on recommendation of the Judiciary Committee of the council.

Representatives of Henry Ford are negotiating for the purchase of a 40-acre site at Long Beach on which it is proposed to erect an auto building plant.

Pacific Gas & Electric Co. will expend $275,000 in additions to San Francisco sub-station buildings.

Continued on Page 13)

ALONG THE LINE



Professor Elwood Meade of the University of California has accepted an appointment on Secretary Works' fact finding commission investigating the reclamation service. Professor Meade was offered the appointment several months ago, but deferred acceptance until the consent of the university was obtained. This has been received and Professor Meade expects to take up his work with the new commission in the near future. The appointment is temporary and will not interfere with his duties at the university. Professor Meade expects to join the members of the fact finding commission early next spring when they reach the West for their personal inspection of the various reclamation projects.

H. G. Corwin and E. H Merrill, Los Angeles architects, has dissolved their partnership by mutual agreement. Architect Merrill will continue practice at 3981 West Sixth street and Mr. Corwin at 129 West Wasbington street, Los Angeles. The latter desires to receive catalogs and literature on building materials and appliances.

Louis S. Stone, Stockton architect, has resigned as a member of the Stockton Architectural Commission, which is in charge of preparing plans for the proposed municipal auditorium. W. J. Wright and Glen Allen, the other members of the commission, have agreed to complete plans for the structure in accordance with the original contract.

Architect W. B. Faville of San Francisco, president of the American Institute of Architects, has consented to serve on the committee appointed by Los Angeles board of public works to prepare a program for the architectural competition on the $5,000,000 city hall to be erected in Los Angeles civic center.

G. B. Ocheltree of Berkeley has been named vice-president of the State Immigration and Housing Commission, succeeding Col. John S. Chambers of Sacramento, who died recently.

Frederick Heimlein, 60, an architect living in Oakland, was run down by a street car in San Francisco Dec. 19, and suffered the loss of his right leg.

Santa Rosa city council will call an election shortly to vote bonds of $150,000 to finance construction of an activated sludge sewage disposal plant.

City council of Walla Walla, Wash., will call election to vote bonds of $750,000 to finance construction of municipal power plant.

A. O. Nelson has resigned as Los Angeles representative for the Santa Fe Lumber Co.

J. Calvin Jones, road contractor, was killed in an explosion of dynamite in Tuolumne county, Dec. 7.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

S. F. GENERAL CONTRACTORS HOLD BANQUET

The General Contractors' Association of San Francisco held its annual Christmas banquet in the French Room of the Palace Hotel, Thursday evening, December 20. Approximately 100 persons attended.

With Ralph McLeran acting as toastmaster a pleasant evening was spent.

Mayor Jas. Rolph Jr., whom Toastmaster McLeran introduced as the "builder of big things," was the principal speaker and selected as his topic the Hetch Hetchy project and the upbuilding of San Francisco. Other speakers included Chief of Police Daniel J. O'Brien, Warren Shannon, John Monk, Chas. Gompertz, Edw. Ginley and Fred Lindgren.

Entertainment was presented under the supervision of Roy Frasier, who featured Dr. McMahon of the Olympic Club, Warren Shannon, Mike Lawley and Michael Patrick Brennan.

The feature of the evening was presented by Frank Barrett with a radio concern from New York, the apparatus being installed for the occassion by the Electric Appliance Company.

The committee in charge of the affair consisted of E. T. Thurston, John Biller, Ira W. Coburn, Ralph McLeran, O. Monson, Frank Barrett and A. H. Bergstrom.

LONG BEACH BUILDERS ELECT OFFICERS

New officers were elected for the coming year by the Long Beach Builders' Exchange at its last meeting, as follows: W. E. Allen, president; Chas. A. Reed, vice-president Harold E. Ketchum, secretary; George A. Bowman, treasurer; Stephen L. Ford, Horace W. Green and George M. La Shell, directors. All seven members constitute the exectuive board. Mr. Allen, the new president, is well known in the building business in Southern California, having been engaged in contracting in this section for 15 years. He was formerly a member of the Allen-Knight Construction Co., operating in Los Angeles, and is also a member of the Associated General Contractors of America. For the last two years Mr. Allen has limited his contracting business to Long Beach, his home city. Karl L. Ludwick is manager, with headquarters at 814 American Ave., Long Beach.

ALAMEDA COUNTY COURTHOUSE SKETCHES ORDERED

Henry H. Meyers, San Francisco architect, has been commissioned by the Alameda County Supervisors to prepare preliminary sketches for the proposed county courthouse and hall of records buildings to be financed through a $2,000,000 bond issue, the election for which will be held early in 1924. Should the issue fail to carry architect Meyers will not collect a fee for his work.

APPRENTICE LACK HURTS CONSTRUCTION INDUSTRY

What the restriction of apprentices as practiced by labor unions has done to limit the supply of skilled workers in various trades is shown clearly by some telling figures compiled by John M. McIntosh, of the Federated Industries. He says:

"Our population from 1910 to 1920 increased 14,000,000, but our building trades lost 80,000 skilled workers. Here are the statistics as to specific trades:

"In 1910 there were 161,000 bricklayers; in 1920 there were only 131,000.

"In 1910 there were 47,000 plasterers; in 1920 there were only 38,000.

"In 1910 there were 14,000 roofers and slaters; in 1920 there were only 11,000.

"In 1910 there were 35,000 stone cutters; in 1920 there were only 22,000.

"In 1910 there were 273,000 painters, glaziers, etc.; in 1920 there were only 248,000.

"The union limitation of apprentices and the practical closing of the trades to all but present members is for the purpose of maintaining and perfecting the union monopoly, they can impose any restrictions they see fit. And remember that aside from the good percentage represented in materials, direct labor represents about 34 per cent of the cost of building."

STONE-SAND-GRAVEL MEET

The National Crushed Stone Association and the National Sand and Gravel Association have both chosen St. Louis as their convention city and will hold their meetings at the same time, January 21-23. The Crushed Stone Association will have an exhibit of material and equipment in conjunction with its meeting and practically all of the manufacturers who are members will be represented at the convention. The program is being developed with the idea of devoting the maximum amount of time to discussion of subjects raised by quarrymen.

The National Sand and Gravel Association has scheduled W. J. McGarry, manager of the open-top car service division of the American Railway Association, to address the convention, and a second speaker will be secured to discuss federal aid legislation. Both conventions are expected to attract an unusual number of delegates and to provide exceptionally interesting programs.

MAPLE FLOORING ASSOCIATION ORDERED DISSOLVED

Dissolution of the Maple Flooring Manufacturers' Association was decreed by District Judge C. W. Sessions of Grand Rapids, Michigan, on December 19. The court held the association and its twenty-one member concerns to have violated the Sherman anti-trust law by restraint of trade, control of the hardwood flooring market, and increase in prices of flooring.

SAN FRANCISCO MASTER PAINTERS BANQUET AND INSTALL OFFICERS

About one hundred persons attended the annual banquet and installation of officers of the Master Painters' Association of San Francisco, held Saturday evening, December 22 in the Palace Hotel.

B. H. Gurnette, introduced by A. D. Sutherland, the retiring president, acted as toastmaster.

Max Kuhl, counselor for the Industrial Association of San Francisco, was the principal speaker of the evening. Mr. Kuhl talked on conditions in the building business as regards the American Plan and outlined the work of the Industrial Association.

Robert Newton Lynch of the San Francisco Chamber of Commerce spoke on the building business in San Francisco. He reviewed the rapid growth of the industry in this section.

Mr. Paul Eliel of the Industrial Association spoke on "Apprenticeship" and urged the training of the youth of today to make the mechanic for tomorrow.

Chas. W. Gompertz of the San Francisco Builders' Exchange spoke on the activities of that organization and commented upon its rapid growth during the past few years.

Other speakers included: Harry McManus, president of the State Master Painters' Association; David Zelinsky; Frank La Torres; Sam Cohn; Russel Hinton, and A. D. Sutherland.

Frank LaTorres, secretary of the local association, was presented with a wrist watch for his active work in promiting the ideals of the association. Retiring President Sutherland was presented with a set of silverware.

An interesting program of entertainment was arranged by Alex. Pape, a member of the Builders' Exchange.

Officers installed wer: President, B. G. Gurnette; First Vice-President, Geo. T. Bowen; Second Vice-President, H. J. Axt; Third Vice-President, L. J. Neal; Fourth Vice-President, H. Brace; Secretary, Frank La Torres; Treasurer, M. Cohn; Statistician, Robt. Postler; Sergeant-at-arms, J. Freeman; Trustees—J. F. Provoo, Frank Dixon and C. R. Stern.

The installing officer was Henry Kern, assisted by D. Zelinsky, Russell Hinton, A. D. Sutherland and Sam Cohn.

WAGE INCREASE GRANTED IN NOVEMBER

Wage changes noted by the National Industrial Conference Board for the month ended November 14 reveal that there were a greater number of increases granted than since last June. Wage reductions numbered five while 151 increases were granted, the latter largely among the railways, street railway and printing industries. Readjustment in the metal trades fixed wages for certain skilled labor on a new range of from $125 to $150 a week.

BUILDERS EAT DUCK

Members of the Contra Costa County Builders' Exchange, with headquarters in Richmond, were guests of Charlie Brown, Richmond plasterer, at a duck dinner held in the exchange quarters, Friday evening, Dec. 21. The duck were cooked by Sam Rogers, Richmond paving contractor.

COLLEGE MEN IN STEEL MILLS

College graduates are found in the new class of men being assimilated in the Cleveland steel industry. With the working day reduced from twelve to eight hours, all steel mills report a notable influx of a different type of employe. Mountain boys from Kentucky and Tennessee are among others.

Previous to the reduction in hours, it is said at mills in Cleveland, only the hardy would apply for positions, which meant that nearly all their working hours would be spent around hot metal. When the shorter day was adopted, however, there was a number of applications from college graduates who were willing to begin by cleaning the stoves of a blast furnace. Men formerly employed in offices and stores also have decided to try their hand at production.

L. A. ZONING ORDINANCE UNCONSTITUTIONAL

Los Angeles zoning ordinances which seek to prohibit erection of certain types of structures in certain parts of the city were declared unconstitutional in a decision handed down by the second district court of appeals.

Only in cases where the public health, safety or welfare is concerned can the city exercise arbitrary police powers, the decision stated. Where these are not concerned the individual should be given the "unrestricted right to use and enjoy" his property, the court held, adding that inasmuch as zoning ordinances are primarily intended to further the esthetic appearance of the city they can not be regarded as necessary to the public health, safety or welfare.

The decision was handed down in the case of George Lee Miller and Frances Miller, who appealed from a decision by the superior court denying their application for a writ of mandate to compel the board of public works to grant them permission for construction of a four-story flat in a district restricted by zoning ordinances to two family structures.

NEBRASKA PASSES A RIGHT TO WORK ACT

The legislature of Nebraska has passed a "Right to Work" law which provides that:

"It shall be unlawful for any person or persons acting singly or jointly with another or others, by means of any kind of force, threats, coercion, intimidation or violence, to cause or induce, or to attempt to cause or induce, any person engaged in a lawful occupation to quit such employment, or to refuse or to decline to accept or begin a lawful employment."

Violators of the law, "shall be guilty of a misdemeanor and upon conviction thereof shall be punished by fine in any sum less than Three Hundred Dollars ($300) or by imprisonment in the county jail not exceeding six (6) months or by both."

Utah has previously enacted a similar statute.

PAINT PRODUCTION

Production of paint and varnish, which was 37 per cent greater in volume in 1922 than in 1921, was 32 per cent greater during the first half of 1923 than in the same period in 1922, 49 per cent larger than half the total production in 1920, and 76 per cent larger than half the production in 1921.

Standardization Is Factor In Germany's Industrial Activity

Standardization of industrial production has been one of the important factors in enabling Germany to maintain its industrial machine intact, in the face of the multitude of obstacles now confronting that country, states a bulletin of the American Engineering Standards Committee issued today.

"The extent to which Germany has so far succeeded in keeping her industrial machine intact, is due in no small part to the elaborate scale on which her standardization work is performed," it is stated in the bulletin, which was prepared by Dr. P. G. Agnew, secretary of the American Engineering Standards Committee, who recently returnd from Europe, where for two months he made a study of the standardization movement and the manner in which European developments in this direction are likely to affect American industry.

"The elaborateness of the organization for the work its activity, and the scale on which it is being carried out constitute a new development in industrial organization.

"Practically every important manufacturing concern in Germany is officially participating in the industrial standardization program of that country. More than a thousand German companies have formal standardization organizations within their own works. These organizations are called 'standard bureaus'. The larger firms have branch bureaus in the separate departments, or in the separate factories. One of the well known companies has twenty-one such branch bureaus, employing in all a special staff of more than one hundred. Another firm has a permanent full-time staff of over two hundred in its various branch bureaus. In all of the great firms the bureau reports directly to the general manager."

The extent to which industrial life in Germany has been coordinated, it is stated, is shown by the fact that more than seven hundred German national standards have been adopted. This includes only those in which several different industries are concerned, and which are approved by the central national body. These include fundamental engineering standards as: standard diameters, tapers, sizes of keys, threads, fits, etc., materials; tools; measuring instruments and gages; machine parts, including handles and journal bearings, etc.; gears; and sizes of paper.

In addition to this work of the central body, and closely correlated with it are no less than sixty-five special industry committees actively working on such subjects as: the standardization of pipe fittings, piping, and accessories; welding; steel construction; concrete and reinforced concrete; fire fighting equipment; windows, doors and stairways; foundry practice; merchant marine; locomotives; motor trucks; laboratory apparatus; non-ferrous metals; precision tools; sand, gravel and street paving material; highway bridges; rolling mills; and railway car construction.

A striking example is cited of the efficiency of national standardization as it has been developed in Germany, in the case of a rush order placed with German manufactureres for 200 locomotives for delivery to Russia. "Production of different parts was allotted to seventeen different manufacturers to be produced strictly upon the plan of interchangeable parts, no one manufacturer making a complete locomotive. No serious practical difficulty was encountered in filling the order. The inspectors made a particularly striking test of the feasibility and accuracy of the plan by ordering a complete locomotive to be assembled from parts chosen at random from the parts furnished by the seventeen manufacturers. It proved to be ready for service immediately after assembly without the necessity of any disassembling for readjustment.

Standardization engineering is now a recognized profession in Germany. The rapid development of standardizations organizations within the companies has made a large demand for such work. Advertisements for standardization engineers and for such positions regularly appear in the engineering press.

An interesting development of the last few years is the appearance of consulting engineering firms specializing in standardization work. There are now five such firms in Germany. This work is closely connected with industrial or efficiency engineering, in which there is now great and growing interest in Germany. In general, it appears to be much more closely connected with the movement for industrial standardization than is the case in this country. The largest of these firms devotes about half of its time to standardization work, employing a staff of over forty. They have as their clients trade associations as well as individual firms, the latter including both large and small companies.

One of their clients is the trade association representing the motor vehicle industry. In this work they perform many of the services that would be done by any ordinary headquarters standardization staff.

Of the companies which are their clients, some maintain their own standards bureaus, which take care of the greater part of the detailed work, leaving to the consulting firm only the more important and difficult questions. In other cases, the consulting firm does a large amount of the detailed work.

Another most interesting development is the work of consulting engineers on trade catalogs for companies. This is particularly significant, as it is carrying standardization a step farther than is usual, by introducing it into the sales organization and sales policy. In this, careful consideration is given to the question of limiting the number of types, ranges and sizes offered for sale, placing proper emphasis in the catalog on these particular items on which the company wishes to concentrate, and, in general, in featuring and often advertising the relation of the firm's products to the standardization movement.

PLUMBER GETS AWARD

The old adage that "it's an ill wind that blows nobody and good," was given a literal interpretation when the State Industrial Accident Commission decided that Edward Branaham, a plumber, 1224 Vermont street, San Francisco, was entitled to an award of $101.17. Last September Branaham peered into a well or which he was working just in time to receive a gust of wind in the face. An infection to his right eye, caused by cement and dust carried by the breeze, became the basis of the compensation granted by the commission.

ENGINEERING EDUCATION FUND AVAILABLE

In an effort to raise the standard of engineering education in the United States, the Carnegie Corporation of New York has appropriated $108,000 for the study of the subject. W. E. Wickenden, assistant vice-president of the American Telephone & Telegraph Company, has been appointed director of the study. He will report to a committee of the Society for the Promotion of Engineering Education.

This appropriation is the direct result of effort by a development committee appointed in the summer of 1922 to study for three years the development of the Society for the Promotion of Engineering Education and to formulate an answer to the question "What can the society do in a comprehensive way to develop, broaden and enrich engineering education?"

EISELE & DONDERO TO OPEN PLANT

Eisele & Dondero Marble Co., dealers in foreign and domestic marble, will establish a plant in San Francisco, according to an announcement of the Southern Promotion Association.

With an area of more than 30,000 square feet, the company will establish a plant at the northeast corner of Third and Twenty-fifth streets. It is expected the plant will be in operation before the close of January. Approximately $50,000 is to be expended in machinery and equipment.

Charles F. Eisele of New York is president of the company. A. B. Dondero, San Francisco business man and clubman and president of the Industrial Athletic Association, is vice president, and A. George Dondero of the Carrara Marble Quarries in Pine Grove, Calif., is secretary and treasurer.

OREGON HIGHWAY FUND EXCEEDS ESTIMATES

Experience of 1923 indicates the Oregon highway fund revenues for the present biennium will far surpass the estimates made by state officials before the legislature met. Receipts from automobile license fees will run more than $1,000,000 above the estimates, but gasoline tax returns will not come up to expectations.

When the highway revenues were estimated it was expected the 2-cent gasoline tax would become effective early this year, and the 1923 revenues were estimated at $1,800,000. Instead, the 2-cent tax will not take effect until January 1 next. However, on the 1-cent rate the state received nearly $1,016,000 for the first ten months. Next year's business is expected to exceed the estimate of $2,000,000.

It was estimated $3,350,000 would be received from automobile licenses in 1923. The collections now exceed $3,894,580 being more than a half million dollars above the estimates. As the 1924 figures were set at $3,400,000, it is expected the gain next year will be fully as large as in 1923. The 1-mill tax levy of 1923 will add approximately $1,124,000.

Senator Shortridge has introduced a bill to Congress seeking $2,000,000 appropriation to finance construction of Federal building in Oakland.

Apprentice Training Is Backed by Pittsburgh Unions

That labor unions as well as employers are growing more and more concerned about the apprentice problem is shown in two recent developments toward the training of apprentices at Carnegie Institute of Technology in Pittsburgh. In both of these developments, which have the one ultimate purpose of better training, but which are along different lines of work, the significant parallel has been the fact that the local labor unions have taken the initiative in seeking the apprentice training.

One of these organizations is the local of the International Wood, Wire and Sheet Matel Lathers union which has effected a working agreement with Carnegie Tech whereby the union apprentices to the union will be trained there. As a result of this agreement, 15 apprentices have been recently enrolled at the Institute and are compelled by the union to attend night school classes at three nights a week for the next two years.

The other development is the result of an agreement between the Local Union No. 12, Amalgamated Sheet Metal Workers' International Alliance and the Sheet Metal Contractors' Association of Pittsburgh. Subsequent to this important partnership between organized labor and the employers, a group of more than 60 sheet metal apprentices is now enrolled at Carnegie Tech to receive training one full day a week for the last four years of the five-year apprenticeship period. The agreement takes on added sigsifcance from the announcement that the employers have agreed to pay the apprentices their full wages for the day they spend in classes; and the union officials have taken the responsibility of compelling attendance to classes.

While both of these movements are unique, officials of Carnegie Tech and others interested in apprentice training consider them as indicative of a growing among both labor union officials and capitalistic interests to cooperate toward the solution of the apprenticeship problem. Pittsburg now holds the distinction of being the only city in the country to take definite steps in the training of apprentices by organizing of labor, employers, and educational interests into a common cause.

The final enrollment of the sheet metal lathers' apprentices took definite shape at a recent meeting of the local union of the International Wood, Wire and Sheet Metal Lathers when C. B. Connelley, Director of Industrial Relations at Carnegie Tech, conferred with the members and addressed them in opening meeting. The plan has already received the endorsement of the international officials of this union when the tri-annual convention of this union unanimously endorsed Carnegie Institute of Technology as the official institution to train its apprentices who reside east of the Mississippi River.

A report from the Institute indicates that the training of the 15 apprentices is already progressing rapidly. The two-year course for the class as outlined includes elementary mathematics, mechanical drawing, and shop work.

Among the novel and somewhat radical terms of the agreement between the local sheet metal workers union and the Pittsburgh sheet metal contractors association for the training of apprentices is the stipulation that every apprentice attached to the union "must and shall attend Sheet Metal Class at Carnegie Institute of Technology the last four years of his apprenticeship, or until he has finished the course for Sheet Metal Apprentices." The extent of co-operation to which the employers have committed themselves to assist in the training is recorded in the section of the agreement which says: "The employer shall send the apprentice to the Carnegie Institute of Technology for trade instruction one day each week from October 1 to May 1 during the last four years of his apprenticeship. The apprentice shall be allowed his regular wage for days while attending shool."

A special course for the apprenticeship training has been outlined at Carnegie Tech, the subjects including shop work, pattern drafting and mathematics. The class has been separated into four sub-classes, each group attending the Institute one full day each week. Each apprentice pays his own tuitioon fee.

As a reward for high scholarship in their studies at Carnegie Tech, special terms have been written into the agreement by means of which it has been made possible for a studious apprentice to receive increased wages. "As a reward of merit," says the agreement, "any apprentice receiving grade "A" marks at the end of any school year shall receive two month's credit on his next eight month's period, thus reducing that period to six months." As all of the apprentices are paid a definite scale of wage that is automatically increased every eight months, the scholarship plan gives each an opportunity to secure his next regular increase two months earlier each year.

A joint committee consisting of three members of the Contractors Association, and three union officials, has been selected to act in an advisory capacity between apprentice and school, to adjust all differences that may arise, to terminate the apprenticeship and services of the apprentice if necessary, and to pass upon the admission of the apprentice applicant to journeymanship.

SEPTEMBER STEEL OUTPUT

Production of steel ingots totaled 3,313,354 long tons in September, it is shown in an official announcement of the U. S. department of commerce following a nation-wide canvass of the industry.

September output is thus shown to represent an increase of 17 per cent in comparison with the production of the same month, 1922, and a decline of nine per cent in comparison with August, 1923.

In the twelve months ended with September, output averaged 3,655,000 tons monthly, a record. In 1917, the biggest year in the history of the steel industry, production averaged 3,635,000 tons a month.

Output twice exceeded four million tons in a single month in the period ended with September. The first occasion was in March, 1923, when production totaled 4,047,000 tons and the second was in May, 4,196,000 tons.

The present rate of output of ingots exceeds by 50 per cent that of 1913 when production averaged 2,523,000 tons a month.

TRADE NOTES

Benjamin F. Blair has joined the sales force of the Pacific Sanitary Manufacturing Company, to fill the place just vacated by Foster Glaspell. Ben has been with Haines Jones & Cadbury for a number of years, having come to the coast from the Philadelphia office of that company. With the title of San Francisco district sales manager, Blair will have for his territory all of the country from Bakersfield to the Oregon state line.

Steel Tank & Pipe Co. of California, foot of Fourth Street, Berkeley, reports the completion of additions to its plant which will permit an output of a capacity quadruple that of any previous year. The company manufactures storage tanks, smokestacks, heavy pressure pipe-lines and structural steel.

Swayne & Holt, lumber merchants, will open branch offices at Portland, Ore., and Seattle, Wash. H. S. Brown will be general agent at Seattle with offices in the Central Bldg. The Portland offices will be located in the Spalding Bldg., with W. P. Bowling in charge.

Entire stock of the Montgomery Elevator Co., 709 Second Ave., Seattle, formerly owned by Montgomery Bros. and P. S. Dashnow, has been purchased by the latter who will continue to operate under the old name.

California Art Title Co., has filed articles of incorporation at Martinez. Company is capitalized at $500,000 with the following directors: J. W. Hislop, W. A. Hislop, L. J. Hislop, A. C. Myers and E. C. Cummings.

Offices and stock quarters of the C. F. Weber Co., manufacturers of school and office furniture, 2nd and Mission streets, San Francisco, suffered a $200,000 fire loss on Dec. 22.

Stockham Pipe & Fitting Co. of Los Angeles has had plans made for new one-story plant to be erected in that city at a cost of $30,000. The structure will cover an area of 100 by 145 feet.

Wakefield Building, Inc., capitalized at $500.00, has been incorporated in Oakland. Directors are: A. M. Wohenden, Berkeley; E. R. Leach, Piedmont and W. H. Wakefield, Oakland.

Spencer Elevator Co. of San Francisco, capitalized at $150,000 has been incorporated. Directors are: A. F. Martin, Gertaut Martin and Richard Schmidt.

Anderberg & McCaron, sheet metal contractor, have moved from 1998 Polk street to new and larger quarters at 2041 Polk street, San Francisco.

Main offices of Clark & Henery Construction Co. will be moved from Stockton to San Francisco. A branch office will be maintained at Stockton.

California Door Co. has purchased 40 acres of John Chapman ranch at Diamond Springs, El Dorado County, for plant expansions.

G. L. Burger and J. D. Pedersen, hardwood floor specialists, have opened new quarters at 538 Twenty-fourth St., Oakland.

Cook Bros. Plumbing Co. has opened quarters at 308 North Fifth Street, Coalinga.

Associated General Contractors Program Annual Meet For Chicago

Contractors throughout the entire country now are laying plans to attend the fifth annual meeting of the Associated General Contractors of America, to be held January 21, 22, 23 and 24 in Chicago. Officials of the organization state that indications already assure a record breaking attendance.

The convention is to be held during the week immediately following the annual sessions of the American Road Builders' Association and the Road Show, and a joint meeting of this body with the Executive Board of the contractors' organization will be held January 17.

"Cut Construction Costs";' this is to be the key note of the convention. The attack upon costs mainly will be launched through the medium of efforts aiming at fullest capitalization of weather conditions favorable to construction operations, an increased volume of winter building, and storage of building materials during periods of the year when construction is at its lowest ebb. By utilization of these means, it is being pointed out, the contractors' overhead will be reduced. They will be able to avoid the extra expense entailed by the present "sprint and spurt" character of the year as regards construction. They also will be able to hold skilled organizations together.

Not only will contractors who are anxious to secure the benefit of detailed discussion leading to conclusions attend these sessions, officials declare, but engineers and architects in large numbers will be present to make first-hand observations of the developments.

Though strong emphasis is to be placed upon the subject of cost reduction, largely because of the public service involved, many other subjects have advanced through the past twelve months to the point where they are ready to be acted upon by the national assembly of contractors.

The list of speakers carried on the tentative program includes many leaders of the construction industry and noted observers of economic conditons peculiar to construction operations.

The program for the joint session with the Road Builders' Association follows:

Chairman: John W. Cowper, president Associated General Contractors of America.

The Purpose and Progress of Equipment Standardization: Address by C. E. Bement, president, Novo Engine Co., Lansing, Michigan.

Standard Highway Contracts a Public Service: Address by General R. C. Marshall Jr., general manager, Associated General Contractors of America.

Economic Aspects of Day Labor Construction: Address by Arthur S. Bent, Bent Brothers, Los Angeles, Calif.

Bonds as a Gauge of Responsibility: Address by N. F. Helmers, of Siems, Helmers & Shaffner, St. Paul, Minn.

The program for the general sessions is being prepared with the aim of allowing no subject of importance to pass without receiving its proper quota of emphasis, attention and discussion. The speakers all are acknowledged to be clear of vision and able of expression.

Addresses will be delivered on the following and other subjects, according to the tentative program: Economic aspects of day labor; The trend of construction; Operation of the income-tax law; Views on building labor; How to cut construction costs; Purpose and progress of equipment standardization; How to make concrete mixer standards effective; Trade associations; Collegiate preparation for contractors.

Addresses on the following subjects are to be delivered before the indicated division of the organization at their separate meetings: Quantity surveys; Relationships between the highway commission and the contractor; Resumption of railway construction; Central concrete mixing plants; Bonds as a gauge of responsibility.

Annual report of joint committee of American Association of State Highway Officials and the Associated General Contractors.

Applications for reduced railroad rates have been filed by Washington headquarters with the railway passenger associations, and favorable action in the very near future is expected. These rates will carry the usual one-half reduction on return trip.

Requests for hotel reservations are being handled at the Washington headquarters of the organization. Provision in this connection has been made by block reservations at the La Salle Hotel, which will be convention headquarters. These reservations will accommodate approximately 500 people, a total of 300 rooms being set aside for the A. G. C. members during the period from January 21 to the close of the convention. Reservation of 30 rooms has been made to begin with January 17, to date of the joint meeting of the Road Builders' Association and the A. G. C. Executive Board.

Contrast to the work-a-day side of the convention will be furnished in the extensive entertainment program. Naught more than that need be said in this connection. The General Contractors' Association of Chicago will be host to the visiting contractors and their ladies.

The annual banquet will be held on the night of the last day of the meeting, January 24, and plans already laid indicate that it will assume a notable position in the history of the organization. One week before this event, on the night of January 17, the stag banquet of the American Road Builders' Association will be held, the allotment of tickets for this function to be made on the 15th, with previous application necessary.

The La Salle Hotel has 1,026 rooms. The rates per day follow: One person, with detached bath, $2.50 to $3.00; with private bath, $4.00 to $7.00. Two persons: Detached bath, $4.00 to $5.50; private bath, $6.00 to $9.0. Two connecting rooms with bath; two persons, $6.50 to $9.50; three persons, $8.50 to $11.50; four persons, $10.00 to $23.00.

Milton Ruggles, consulting architect and structural engineer of New York and C. B. McKee, well known construction engineer in the Middle West, have opened offices in the Playter Building, Oakland, and will operate under the firm name of Ruggles & McKee. They will specialize in structural steel and reinforced concrete design and details in the construction of office buildings, schools, garages, power and industrial plants and bridge work. Ruggles is a member of the Am. Soc. M. E. and Asso. Mem. Am. Soc. C. E. and has had twenty-three years' experience in heavy structural design and as consulting architect on many large projects throughout the Eastern States.

PUBLICATIONS

National Lime Association has issued bulletin No. 304-B "Whitewash and Cold Water Paints," containing several simple formulas for weather-proof and non-rubbing mixtures. This bulletin will be valuable to engineers architects and contractors who frequently require a durable cold water paint or whitewash for use in basements, field offices, and bunkhouses. The formulas given were based on experimental work conducted by the chemical laboratory of the National Lime Association and have all been subjected to practical tests. Free copies of the pamphlet may be secured from any member of the association, from the division offices, or from the headquarters of the association at 918 G Street, N. W. Washington, D. C.

"Door-Ways," the interesting publication of the Richards-Wilcox Company, Aurora, Illinois, contains, in the current issue, a complete description of the Forestry building, a unique monument to the lumber industry that stands forth as the single structure of its kind in the United States. It is on the Lincoln Highway at the entrance of the Central States Exposition, near Aurora, Illinois, and was built of tamarack logs and constructed by lumberjacks from the northern woods.

Armstrong Cork and Insulation Company has published an attractive 63-page booklet illustrating and describing high pressure covering for steam pipes, oil refinery equipment, and various other forms of insulaton. Illustrations show how Nonpareil blocks and cements are used in many plants throughout the country and a number of heat loss and efficiency tables are included showing the relative efficiency of Nonpareil high pressure covering insulation in various thicknesses. Copies of the booklet and list prices of the products may be secured from the Armstrong Cork and Insulation Company, Twenty-fourth street and Allegheny river, Pittsburgh.

The Central Committee on Lumber Standards, Washington, D. C., is distributing in pamphlet form its recommended American lumber standards as reported to the United States Department of Commerce, together with the revised drafts of several paragraphs which were corrected and clarified. Four other paragraphs of the original were eliminated as being not within the scope of the yard lumber standards.

The Koehring Company, Milwaukee, Wisconsin, is distributing to highway engineers, builders, and other persons interested in highway construction, a framed engrossment, 17 by 23 inches, entitled "I Am a Concrete Road," poetically phrased by B. K. Burns and standing out forcefully against a painted background of concrete road winding through a colorful riot of green fields, blue skies, and yellow sunshine.

"Observations on an Outstanding American Industry-Cement," is the title of a booklet of which Edward Hungerford is the author. It is an interesting half hour well spent to read the facinating story of portland cement—its origin, development, rise in output, and method of manufacture—as told by Mr. Hungerford. Copies may be secured from the Portland Cement Association, 111 W. Washington St., Chicago.

Campaign Launched To Secure Federal Aid For "Primary Roads"

Federal construction of "primary route" transcontinental highways across western states without state participation in the costs may be made possible as a result of a movement launched in Washington recently by Harvey M. Toy, chairman of the State Highway Commission. On his return from Washington, Toy informed the California State Automobile Association that the senators and representatives from the eleven Western Public Land States had promised to support the project by backing a bill which will be introduced at the present session of Congress.

If the contemplated bill becomes a law it will permit the United States Bureau of Public Roads to construct these "primary route" highways across western states entirely with Federal Aid funds and without any financial assistance from the states through which the highways pass.

A committee consisting of one Congressman from each of the eleven interested western states has been appointed to draft the bill, Toy said. Representative John B. Fredericks of California is a member of the committee.

Congressional action making possible the carrying out of such a program will greatly facilitate the completion of the transcontinental highways according to officials of the Good Roads Bureau of the Automobile Association.

"If Federal funds which are available for construction work on the 'primary routes' across the western states could be made available for use without waiting for state assistance, these highways could be completed at an early date," Arthur E. Loder, manager of the Association's Good Roads Bureau declared recently. "Otherwise completion of these projects must be undertaken in small units as state funds are made available by taxation. This course will take a good many years."

"While the Automobile Association believes that eventually the Federal government must aid the Western Public Land States in meeting the eternal bill for maintenance of these Federal aid highway projects," Loder said, "the problem of highway development would be materially lessened in these states, for the time being at least, if the Federal government would assume the entire burden of constructing the 'primary routes' across the sparsely settled states."

Loder said that in taking the lead in the program which Toy launched at Washington, California has the interests of the other Western States at heart rather than any immediate benefit which would accrue to highway development in this state, as the Federal aid projects in this state have been practically completed.

The program to secure 100 per cent Federal aid in completing the 'primary route' highways was launched by Toy in Washington before a meeting of all the Representatives and most of the Senators from the eleven Western Public Land States.

While in Washington Toy confered with the President and urged him to support the program of Federal aid and Forest road construction endorsed at the annual convention of National Association of Highway Officials. At the convention highway officials from every state in the Union unamiously endorsed a resolution asking Congress to appropriate $100,000,000 dollars for Federal aid work during the next two years and $10,000,000 dollars for Forest road construction. The resolution asked that 70 per cent of the Forest road appropriation be spent on the uncompleted units of the Federal aid system within the National Forests.

Annual Iron Loss Estimated at $3,500,000,000 Due to Corrosion

The annual wastage in iron and steel is placed at nearly $3,500,000,000 by British authorities, according to Alfred D. Finn, director of the Engineering Foundation (New York) in a description of recent conquests of engineering research in efforts to eliminate the ravages of softening iron through graphite corrosion. Important revelations in this field have been made in a report to the foundation by J. Vipond Davies of New York, president of the United Engineering Society.

"Millions of tons of cast-iron have been put under ground and under water in pipes, tunnel linings and other engineering structures," said Director Finn, "and it has been observed that certain kinds of soil and water act upon some kinds of cast iron, slowly softening them so that the objects can be cut with a penknife. Strang to say, iron thus softened grows hard again when exposed to the air."

One of the interesting stories brought to light by the historical branch of the study has to do with several wrought iron guns raised in 1835 from the Mary Rose, an English man-of-war, sunk by the French in a battle near Portsmouth in 1545. Some of the cast-iron balls, with which the cannon were loaded, should have weighed 30 pounds, but actually weighed only 19, while others that should have weighed 70 pounds tipped the scales at only 45. On being exposed to the air they became red hot and fell to pieces.

In 1822 cast-iron cannon that went down with a pirate ship off Holyhead, Wales, nearly a century before, were raised. They were soft when recovered, but hardened upon being exposed to the air. Later when used to fire salutes they were said to have made louder reports than any other guns.

Several cast-iron guns of the Florida, one of the Spanish Armada, sunk in 1588, were raised in 1740, and upon scraping away the corroded surface became so hot they could not be touched.

Some of the phenomena mentioned, it is explained, are due to the fact that "gray" cast-iron, the kind most readily attacked contains several percent of carbon by weight. The carbon is not dissolved by salt or alkaline water, which eats away the iron, and hence, although the dimensions of the castings may remain unchanged, its specific gravity and its weight will be reduced.

Protective measures, it is explained, consist of keeping the injurious water away from the surface of the casting or of neutralizing its action. Failing in these, it is pointed out, if the castings are of a kind of iron subject to attack, one can only follow the example of the circus man who exhibited a lion and a lamb peacefully occupying the same cage and found it necessary occasionally to renew the lamb.

ENGINEERS APLENTY

Engineering is the most popular trade or profession among the high school boys of Fresno.

Few youths in that city prefer to follow the vocations of their fathers.

Boys are more inclined to discuss their future careers with their mothers than with their fathers and they talk the matter over very little with school authorities or with business men. Very few of them have done any reading upon the subject of the vocations which they have chosen.

These are a few of the facts brought out in a questionnaire issued to 567 boys at the Fresno High School by Assistant Superintendent of Schools Walter Hepner.

Fifty-eight different occupations were listed. No preference was stated by 12.87 per cent of the boys. The professions, including dentistry, engineering, journalism, law, medicine, music, optometry, social service and teaching, were named by 47.43 per cent, while 4.58 per cent named mechanical trades and 7.93 per cent agriculture or livestock work.

In answering questions as to higher education, 79.69 per cent told their intention to go to college after high school graduation, 16.74 per cent do not plan to go to any school, and 3.53 per cent plan to attend special institutions.

One boy wants to be a chef and one wants to be a detective. Army and aviation careers appeal to two.

STATE ARCHITECTURAL BOARD VACANCIES TO EXIST

Terms of thirty-nine Stephens appointees to various state boards and commissions have expired and their successors will be named in the immediate future by Governor Richardson, according to word from Sacramento.

Included in the list of State appointive officers, the following expirations are shown: Northern Board of Architecture, terms of all members (five) expired; Southern Board of Architecture, terms of all members (five) expired; Land Settlement Board, Attorney General holds that four members are in office under invalid commissions; State Agricultural Society, terms of three members expired, (On February 1 three more will expire); Building and Loan Commission, departmental head (3,600 a year), to be appointed by Governor due to resignation of George H. Walker; San Diego Harbor Commission, terms of all members (three) expired.

CITY MANAGERS TO MEET

For the purpose of creating better unity among cities of the bay district which have adopted and are operating under the city manager form of government, a luncheon will be held Saturday, January 19, in the Hotel Oakland with eight city managers in attendance, according to Clifton E. Hickok, president of the California State Association of City Managers and City Manager of Alameda.

Following the luncheon, the visiting city managers will inspect the various municipal projects in Alameda. The luncheons will be held once a month. Hickok has sent out invitations to J. H. Edy of Berkeley, J. A. McVittie of Richmond, B. A. Green of Martinez, R. M. Dorton of Pittsburg, C. B. Goodwin of San Jose, C. F. Price of San Mateo, and H. K. Brainard of San Rafael.

Maintain Forest Productivity Is Plea of A. S. M. E. to Congress

The Forest Products Division of the American Society of Mechanical Engineers, the largest single organization of professional engineers in the country, will urge the adoption by Congress and by the legislatures of the various states of a "definite, constructive program for maintaining the productivity of our forests and forest lands under government auspices and at public expense."

The division, according to an announcement made by Chairman Thos. D. Perry of Grand Rapids, Mich., at the society's national headquarters in New York City, will recommend that this society place its sources at the command of the Federated American Engineering Societies in arousing the interest of the nation's engineers, in timber conservation and reforestation "as absolutely necessary to continue our timber supply and to perpetuate our water power and inland navigation."

The Federated American Engineering Societies, of which Dean Mortimer E. Cooley of the University of Michigan is president, has a reforestation committee actively at work in co-operation with the U. S. Forest Service and state agencies under the chairmanship of Charles H. MacDowell of Chicago.

"Engineers recognize that the problem of timber conservation and reforestation is one of the most serious confronting the American people today," says she announcement of the Forest Products Division. "The engineering profession regards the continuation of an adequate supply of the products of timber in its various forms as necessary to the practice of engineering in its various professions and industrial branches.

"The objectives of the program recommended to Congress and to the states are:

"First, to assure to future generations the continued supply of wood, one of nature's greatest commodities and one indispensable to the future well-being of our country.

"Second, to preserve the natural environment of the head waters and tributaries of our streams and navigable rivers, thus equalizing their flowage for hyrdo-electric purposes, preventing periodical flood damage and facilitating commercial navigation.

"Third, to utilize waste or cutover lands otherwise abandoned or used to less advantage, and to prevent erosion and other deterioration of denuded lands, not including fire protection.

"Fourth, to aid in protecting all woodlands, both public and private, from the hazard and risk of devastating forest fires that annually destroy thousands of scores of forests and valuable adjoining property."

The Forest Products Division seeks the enactment by state legislatures of laws "for the equitable taxation of the timber crop when harvested, thus relieving it from the impossible burden of the annual property tax, and thereby encouraging and fostering the perpetuation of present and the development of future reforestation by private interests."

Active participation by the engineering profession in the present program of standardization of lumber grades and sizes, under the leadership of the Central Committee on Lumber Standards, and with the co-operation of the United States Departments of Commerce and Agriculture, is also sought.

The engineering plan contemplates the co-operation of the National Manufacturers Association, the American Paper and Pulp Association, the Chamber of Commerce of the United States and other organizations in associated fields. The activities of the Forest Service and its Forests Products Laboratory in its research work in reforestation and economical utilization of our present timber supply are commended by the Forest Products Division, whose statement adds:

"Substantial encouragement should be given to the establishment and maintenance of applied laboratories, on the part of industry, where such research can be directed into channels of efficiency and economy."

Communication explaining the action of the Forest Products Divison will be sent to President Coolidge, the president of the Senate, the speaker of the House of Representatives, the governors of all the states as well as the officers of the State Legislatures.

Reforestation will be a chief topic of discussion at the annual meeting of the American Engineering Council of the Federated American Engineering Societies in Washington, D. C., January 10-11, preceding which a national public works conference will be held.

ADDITIONAL QUARTERS FOR ROAD SHOW DISPLAY

The demand for space at the road show of the American Road Builders' Association to be held in Chicago January 14 to 18 has proved so great that it has been necessary to add the Wilson Building to the group of structures which will house the show. Every inch of space in the Coliseum, the Coliseum Annex and the Greer Building was taken several weeks ago and since that time C. M. Upham, Convention and Show Manager, has been trying to get additional room for those for whom it was impossible to provide when the original allotment was made.

Through an arrangement with the Austin Machinery Corporation, the Wilson Building has been obtained and will add 4600 square feet to the floor area of the road show, making it the greatest exhibit of road machinery and materials in the history of the country. The Austin Machinery Corporation will occupy part of the Wilson Building and the remainder will be given over to the exhibit.

DYNAMITE FILM COMPLETED

A new one reel motion picture has just been completed by the du Pont Company entitled "Dynamite At Work," which shows the use of that explosive in various parts of the country and under various conditions. Views of some of the largest dynamite shots made during the past year, where thousands of pounds of the explosive were used, are featured. One highly interesting view is that of a slow motion picture shot of some 45,000 pounds of dynamite taken in a quarry. Other interesting views show the breaking of an ice jam, tearing down an old building, digging ditches in mosquito control work, blowing out stumps, and clearing roads of snow in the Rocky Mountains. Another picture entitled "Dynamite in Quarry Work," has also been prepared. This is also a one-reel picture. Both pictures are available on request to the company.

HOW THICK IS AN INCH BOARD?

Disagreement over a thirty second part of an inch in the thickness of an ordinary board is the obstacle that may block a nation wide movement to bring lumber standardization with a resultant saving of nearly 250 million dollars annually to the American home building public, according to C. P. Winslow, director of the United States forest products laboratory at Madison, Wis.

The question, "how thick is an inch board?" will be discussed at a meeting of lumber producers, retailers and consumers in Washington for the purpose of arriving at permanent American lumber standards, Winslow said. If an agreement as to thickness is reached he declared, then standardization becomes an actuality, if not, the movement, in his opinion, may die.

Director Winslow said that the need for standardization of lumber grades is shown by the fact that the same kind of pine is now ld at various prices under thirty different grades.

MUNICIPAL APARTMENT HOUSES

Says the Oakland Post-Enquirer:

Married people with children must live somewhere and not all of them can live in little homes of their own unfortunately.

They go out looking for an apartment to live in, and when they step up to press the button for the landlord they see the sign, neatly printed: "If you have children, don't apply."

Cluhwomen of Oakland think this is an unhealthy, unnatural condition. They propose to do something about it.

Just what they can do is not clear. The landlords will have much to say about their constitutional right to run their property as they please, etc. In Paris this same problem was vexing; and apartment house landlords were very independent, very sure of their right to do as they pleased.

Nobody contradicted them. But Paris began to build fine, modern municipal apartment houses where rent was cheap and children were not excluded. Paris is still building them. The landlords of apartment houses are not so cocky any more—in Paris.

PUBLIC UTILITIES GROWING

The growth of public utilities in California during the fiscal year ending Junt 30, 1923, is disclosed by the figures contained in the annual report of the Railroad Commission representing the amount of securities authorized by the Commission for the purpose of financing the cost of acquiring and constructing public utility propertics. The total was $88,677,609, segregated as follows:

Steam railroads	$13,860,000
Electric railways	375,000
Gas and electric companies	64,292,731
Water companies	826,600
Tel. and Tel. companies	859,295
Warehousemen	5,535,350
Water carriers	969,000
Automotive companies	1,959,633

GOOD RESISTANCE

Electrician—"Watt" reaction do you get from your "ohm" brew?

Engineer—Well, it has a "load factor" of about 7 per cent, but it doesn't "phase" me.—Southern Public Utilities Magazine.

8,820 Miles Federal-Aid Roads Completed in Last Fiscal Year

Eight thousand eight hundred and twenty miles of roads of all types were completed with Federal aid during the fiscal year which ended June 30, 1923, according to the annual report of Thomas H. MacDonald, Chief of the Bureau of Public Roads, United States Department of Agriculture, just published. This added to the mileage completed prior to the fiscal year, brought the total of completed projects up to 26,536 miles or more than enough to encircle the earth

The projects under construction at the close of the year amounted to 14,772 miles and were estimated as 53 per cent complete. In addition to the 26,536 miles completed and the 14,772 miles under construction, there were at the close of the year a number of projects approved but not yet placed under construction, the aggregate length of which was 6,917 miles.

An outstanding achievement of the year has been the work done in selecting the roads to constitute the Federal-aid highway system. This has been done in accordance with the provisions of the Federal Highway Act which requires that a system of roads consisting of not more than 7 per cent of the total rural mileage in each State be designated and that all Federal aid be spent on such a system. The total mileage of rural roads in the United States, as certified by the various States, is 2,859,575 miles which will limit the Federal-aid highway system to 200,170 miles. At the end of the fiscal year 35 State systems comprising 111,699 miles had been approved by the Secretary of Agriculture and it was not thought likely that the initial program woll exceed 180,000 miles.

Analysis of the approved system for 35 States shows that of the 1,111 cities of 5,000 or more population in these States 1,048 lie directly on the system and there is probably not one but will be connected with the system by an improved road.

A detailed study of the system indicates that it is safe to say that 90 per cent of the total population lives within 10 miles of some route on the system. In designing the routes to be included in the Federal-aid system, the chief aim of the States and the Federal agency has been to select routes which will give the maximum of local service and connect with one another to form a great national system of highways.

The bureau is charged with the construction of roads for the protection and utilization of our national forests. It is reported that 197 miles of forest road were completed at a cost of $1,737,000, bringing the total mileage completed to 1,536 miles. At the close of the fiscal year 952 miles were under construction and surveys were in progress for 1,014 miles in 62 projects.

On account of the large areas of forest land in some of the Western States, the development of a system of main highways that will properly serve the State and local communities has made it necessary that the forests highways and he Federal-aid highways be properly co-ordinated and they will finally form one continuous system of roads.

In the field of highways economics important investigations have been conducted and are still being carried one The reemergence of the highway as a factor in the transportation of people and goods has brought forth problems to be solved if the use and development of the highways is to be along the mose economic lines. Observations have been made in Connecticut to determine the character and amount of commodities hauled by highway, the method of hauling and length of haul for commodities moving over the roads of the State.

It is estimated that 1,019,686 net tons of commodities were transported over the Connecticut highway system during the three months' period beginning September, 1922. A large part of this movement was directly a service that could be rendered only by improved highway as a more than a third of the tonnage moved only from 1 to 9 miles and nearly another third from 10 to 29 miles.

In recent years there has been much discussion as to methods of highway financing. In some quarters there has been expressed a feeling that the distribution of the cost to property owners and motor-vehicle operators has not been equitably adjusted. To ascertain the facts, the bureau has undertaken to make a thorough study of the sources of highway revenue. Attention has first been given to county and local road funds, four counties in Wisconsin being selected for study.

Among the significant findings some of which are at variance with opinions widely held are the following:

1. The major portion of the total highway funds are raised by township and county units rather than by the States.
2. Real property taxation produces 62 per cent of the highway revenue derived from these counties.
3. Vehicle license fees produce 9 per cent of the total funds raised in the counties.
4. Significant reduction of real property taxation can only be made by reduction of county and local taxes.

Much progress has been made during the year in researches to supply data for use in the design of roads. Sections of bituminous 'washboard" wrinkles which sometimes appear in bituminous surfaces. A great many road slabs are being tested by means of an impact machine which duplicates the pounding action of a truck wheel after it strikes a small obstacle on the road. In another experiment a circular track of many sections of concrete, each built of different materials or ir a different way, has been tested under traffic to determine the amount of surface wear.

The bureau has co-operated with univxersities and State highway departments in a number of special investigations such as traffic tests on road surfaces, gasoline consumption of motor vehicles and tractive resistance of various road surfaces.

STUDY STREET LIGHTING SYSTEMS

The United States Bureau of Standards, Washington, D. C., is making a study of the various systems of street lighting used in cities and towns throughout the country. This work is now well under way and is receiving the hearty co-operation of municipalities and operating utilities. Several hundred replies to questionnaires on engineering practice and contract requirement have been received and are being carefully analyzed. Very full engineering data has been furnished by thirty or more of the larger operating companies on the basis of which a survey of the best practice is being prepared as a part of a comprehensive report on street lighting service.

LONG BEACH LICENSES AND BONDS CONTRACTORS

The Builders' Exchange of Long Beach, as the first step in its campaign to eliminate unscrupulous contractors attracted to Southern California by the extensive building operations in that section, has succeeded in having passed a city ordinance licensing and bonding all general contractors.

The ordinance provides for a license fee of $5.00 and a surety or personal bond of $1,000. No person (excepting an owner who is building a residence for his own occupancy) can take out a building permit without securing a license.

Briefly the benefits derived by the public and responsible contractors are more or less indirect and accrue as follows:

Since no construction can be done without a permit and since no permit can be issued unless the builder has a license and again since no license can be issued unless a city bond is posted, it naturally follows that a great many unscrupulous contractors are eliminated because they cannot furnish a bond for even a thousand dollars. Then too in view of the fact that an applicant for a license must give his addresses and business for five years past a great many unscrupulous contractors rather than put themselves on record will not attempt to operate. Therefore, by the foregoing it is seen that a great many unscrupulous contractors will be entirely eliminated from the community and as the unscrupulous contractor invariably puts in a bid below cost so that he can land a job and make a "clean-up" before he skips, by his elimination, the responsible contractor, will have an opportunity to get the job and make on that job the reasonable profit which he is entitled to by law.

ARCHITECT HITS LACK OF ARTISTIC SENSE

Ernest Flagg, a New York architect, speaking at the housing conference in philadelphia, attacked America "as a nation of liars, so far as buildings are concerned," in crude, inadequate structures, covered outside by ornate camouflage. Railroad stations, for instance, are not suited to their purposes. They are inadequate and uncomfortable, but supply plenty of gargoyles.

"Art is bought for the name. A statue by Leonardo de Vinci brings $100,000; take its name off and it is not worth 30 cents in the eyes of the materialists.

"Art and architecture should be judged in each instance by the combination of beauty and efficiency. Except for heating, lighting and plumbing, there has been no improvement in building for four hundred years, designs being no better and construction flimsier.

"In home building there is no more need of special parts than there is of different letters every time the alphabet is used, and standardization of parts is possible, plus beauty of design."

REPORT BIG FOREIGN BRICK IMPORTATIONS

Foreign brick imported in the last year at extremely low figures are reported to represent practically 10 per cent of the entire annual production of the Hudson river plants. It is said that 30,000,000 brick have come into the country this year, and of these, 68,000,000 were landed at the port of New York. The average price of 31,052,000 common brick imported duty-free into the United States was $7.85 per thousand, and that of 41,188,000 brick imported from Germany was $5.80 per thousand.

Wage Dispute May Tie Up Santa Rosa High School Projects

The dark cloud of labor trouble is hovering over the new Fremont and high schools at Santa Rosa.

Rumors of differences between Hannah Brothers, contractors on the two schools, and the Santa Rosa labor unions, were confirmed, together with the fact that the Sonoma County Building Trades Council is to hold a special meeting to consider what policy it may take in the matter.

The point at issue is the wage scale allowed laborers on the two construction jobs Hannah Brothers are alleged to be paying $5 a day for labor while the local union scale is $6.

Strike Possible

Fred Bauer, secretary of the council, says that organized labor will make no snap decisions in the matter and will not precipitate trouble if it can be avoided, but be admitted the possibility of a strike unless a settlement can be reached.

In the meantime non-union labor is working at $5 a day, which Hannah Brothers are alleged to have declared is the highest price they will pay. Along with the non-union laborers are a number of union carpenters and other mechanics on the job at the present itme.

Five or six union laborers were called off the job several days ago upon the definite refusal of the plaintiffs to pay the local scale, and it is said they will not go back without instructions from the building trades council.

Might Import Labor

The trouble developed about two weeks ago, when Hannah Brothers announced that they would import labor from San Francisco and other cities at $4 or $4.50 a day rather than pay the local union men $6. They declared that there is plenty of labor available at the former figures.

A compromise was effected, however, whereby Hannah agreed to pay $5 a day, but this was unacceptable to the unions. Bauer declares that $6 is being paid by Santa Rosa contractors and that there is no reason to reduce the scale for Hannah Brothers. The $6 scale, he said, has been in effect since April 15, and has been met in all construction cases until the two school jobs now under construction.

The Lincoln school, which was built by the same contractors, did not come under the increased scale, as a $5 scale was in effect when the contract for the building was let.

The position of the Board of Education is understood to be opposed to the importation of labor under any circumstances, as the school bond issues were passed on the promise that local labor would be hired for the work.

If the building trades should decide to call off its men from the two jobs the work would be thrown on a non-union basis.

Dickey, Oakland Architect, Asks Probes To Quiz School Critics

That all persons known to have made insinuations either in public or private tending to connect Architect C. W. Dickey with alleged fraud in recent Oakland school contracts be questioned by the special committee that is now probing the contracts, is requested in a letter sent by Dickey to William Mooser, San Francisco architect, chairman of the committee.

Dickey especially urged the committee to question Marston Champbell, former chief of construction for the Board of Education. Both Campbell and Wilfred N. Ball, Campbell's successor, Dickey charged with having tried to "get something on the architect," as a result of "bitter jealousy" toward him. This jealousy, he declared, made co-operation impossible, and work suffered in consequence.

It was Ball who precipitated the grand jury investigation that brought about Dickey's dismissal a month ago from his position as architect for the school board.

Denials Repeated

Dickey, in his letter, repeated his denials, which he made following the investigation, that there had been any "fraud, neglect, or collusion in connection with the school building program."

"Nevertheless," he said, "the public have been given to understand through inferences in the grand jury report and in the public press that there has been fraud and collusion. It is of the greatest importance to me and to the others affected, as well as to the good name of the architectural profession, that this matter be cleared up.

"In the first place, all those known to have been making insinuations either in private or public should be called before your committee and closely questioned. In this connection, I would especially urge that Mr. Marston Campbell, the former head of the construction department, be questioned. I would also urge that the contractors whose figures have been questioned be called and requested to show their figures in detail, and how much profit they are making on the changes."

Dickey expressed agreement with the grand jury's findings that "the attempt at dual control and supervision over the work by the architect and the various chiefs of construction for the board has been the primary cause of the confusion, and is unnecessary, extravagant, and has resulted in general inefficiency.'

Dual Control Rapped

"There should have been no dual control," he declared. "The architect, in his usual field, should have been suupreme. There was no reason why the work and the responsibility could not have been properly and definitely divided between the architect and the chief of construction. These relationships are common in building construction, and cause no confusion or inefficiency when there is proper co-operation.

"There was a tendency on the part of both Mr. Campbell and Mr. Ball to 'get something on the architect.' This was due to bitter jealousy and was shown in many instances, such as making a secret of the fact that sixteen-ounce glass had been delivered and installed in the windows at the University high school, and that plastering had been omitted from the storerooms in the basement of the same school. This jealousy made co-operation impossible, and the work suffered in consequence."

Dickey said he would write other letters to the committee, setting forth certain details of the work in the building program as an aid to the committee in their investigation.

THE OBSERVER

(Continued from Page 4)

Jos. B. Struass, Chicago bridge builder and inventor, has accepted the position of consulting engineer for the Alaska railroad, according to an announcement made by Col. Lee H. Landis, general manager of the railroad. Colonel Landis stated that under the terms of the appointment agreement, Strauss would visit Alaska when deemed necessary. In giving out the announcement Colonel Landis declared that the first visit of Strauss to the government's line will be made soon after the first of the year.

The Department of the Interior has announced by the advance statements of the Geological Survey that mines in Alaska produced $20,300,000 worth of minerals in 1923, as against $19,500,000 in 1922. The total value of the mineral output of Alaska since 1880 is $518,000,000. These figures are taken from the annual report of Alfred H. Brooks, Chief Alaskan Geologist, now in preparation.

George E. Hardenbergh has accepted the position of general manager for the Hofius Steel & Equipment Company of Seattle, with offices in the L. C. Smith Bldg., that city. M. Hardenbergh was formerly secretary-treasurer of the Puget Sound Bridge & Dredging Company, Inc. of Seattle. He was associated with that organization for 23 years.

Analysis of twenty-eight irrigation projects in the West given out by Secretary Work show that a new policy must be adopted or some projects will have to be abandoned because of inability to meet construction and maintenance costs far above the original estimates. The original estimates were about $30.57 an acre, while actual costs amounted to $83.76.

State Highway Commission has approved plans for the proposed $2,000,000 Dumbarton bridge to span San Francisco bay from a point out of Redwood City in San Mateo county to a point in Newark, Alameda county. The plans have already received the approval of the War Department.

Wm. H. Lewis, pioneer contractor of Seattle, Wash., formerly a member of the firms of Lewis & Wiley, general contractors, died in that city Dec. 19.

Oakland Building Boom Held City's Need—$40,000,000 For Year

Huge increase in Oakland building activities for 1924 is necessary, in spite of the record made in the last year, in order to keep pace with the rapid advance in population, according to a housing and building survey made by S. W. Straus & Co.

The survey shows that, although the city has increased in population by 63,739 since 1920, investments in new construction average only $1179 for each new resident, which is below the average in other cities. Oakland building permits for the first 11 months of 1923 totaled $25,044,913, and since January, 1920, aggregate $75,194,638. But the growth in population has outstripped this activity, it is pointed out.

"With all signs pointing to a greater growth in population and business activity in 1924 than in any prevous year, and with the building program barely keeping pace to date, those best informed hold that conditions will force a greater activity in building throughout the East Bay cities during 1924 than ever before," the survey announcement says.

The building program has been active enough so far to prevent appreciable advance in rental schedules except in the case of especially desirable apartments and commercial buildings, the report asserts.

With an estimated total of $40,000,000, all building records for Alameda county will be smashed during 1923, an eleventh-hour survey by E. W. Shaw, Secretary of the Oakland Builder's Exchange, discloses.

During the first 10 months of this year an approximate total of $36,000,000 was expended in building construction.

Oakland leads all Alameda county municipalities in building with an estimated total for the year of $27,000,000. Berkeley takes second place with an estimated total of $6,500,000. Piedmonth with $1,500,000 takes third place.

Other totals follow: Alameda, $1,000,000; Emeryville, $811,000; San Leandro, $780,000; Albany, $445,000.

Building promises to continue at its present rate during 1924, according to Shaw.

R. H. Ober, member Am. Soc. C. E. and Jos. Jacobs, member Am. Soc. C. E. Water Works Assn., associated, have opened offices for the practice of civil engineering at 613 Thompson Bldg., Seattle. The firm will specialize in irrigation, water powers, dams, water works, sewerage systems, drainage and diking, river and harbor improvements, docks and terminals, foundations, bridges and viaducts, valuations of public utilities, investigations for banks and bond houses, and consultation in connection with engineering arbitratons and cases before the courts.

Eighty-seven thousand acres of timberland on McCloud river in Shasta and Siskiyou counties has been sold to the McCloud River Lumber Company by the Red River Lumber Company for $5,000,000. The timber will be worked from McCloud.

Alfred C. Bossom, New York architect, has been elected a fellow of the Royal Institute of British Architects. He is the first American to receive the honor.

Build in 1924. These three words comprise the slogan of lumbermen throughout the state. It is an optimistic cry, meant to be such since the belief of all interested in the lumbering industry is that it will have its effect on the 1924 supply and demand. Lumbermen of California feel optimistic over the building outlook for 1924.

A new 1275-foot tunnel, constructed at a cost of about $200,000 has been placed in operation by the Southern Pacific Company on its coast line at Rocky Point, about twelve miles north of King City. The tunnel was built in order to eliminate a curve, thereby improving train service.

City of Seattle will vote March 18 on the question of issuing bonds of $2,000,000 to finance construction of two bridges and $750,000 for a municipal auditorium.

The E. K. Wood Lumber Company's new mill at Anacortes is about ready to start. It will be electrically driven and have a daily capacity of 300,000 ft.

CALIFORNIA PLATE & WINDOW GLASS COMPANY.
1477 EDDY ST.
SAN FRANCISCO.
PHONE. WEST 3810.

When in need of
Glass Work
Repair or New Work of any kind
CALL ON US
Phone West 3810
and become one of our SATISFIED CUSTOMERS
All Work Guaranteed

Building News Section

APARTMENTS

Plans Being Prepared.
APT. HOUSE Cost, $45,000
SAN FRANCISCO, Filbert St. near Van Ness Ave.
Three-story and basement frame and stucco apt. house (3 2-room, 1 3-room and 1 4-room apts. on each floor).
Owner—Withheld.
Architect — Richard R. Irvine, Call Bldg., San Francisco.
The roof steam heat, wall beds, hardwood finish, etc.

Plans Being Prepared.
APARTMENTS Cost, $175,000
SAN FRANCISCO, Jones St. near Turk.
Six-story steel and reinforced concrete apartment house 67-6x105 (48 2 and 3-room apts.)
Owner—Withheld.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
Electrical equipment, passenger and freight elevators, etc.

Planned.
APARTMENTS Cost, $175,000
SAN FRANCISCO, S California St., 154 W Jones St.
Six-story reinforced concrete apartment bldg. (95 rooms, 2 & 3-room apartments)
Owner—Chris. Peterson, 390 6th St., San Francisco.
Architect not given.

Plan Completed.
APARTMENTS Cost, $17,000
SAN FRANCISCO, NW Judah and 9th Avenue.
Two-story and basement frame (10) apartments.
Owner—Fred Warden, 1515 11th Ave., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Plans Being Prepared — Contract Awarded
APARTMENTS Cost, $90,000
SAN FRANCISCO — N Eddy St. E Hyde Street.
Six-story and basement reinforced concrete Class C apartments and store building (30 2-room apts.)
Owner—Reilly & Collins.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—M. A. Little, 535 Geary St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $12,800
SACRAMENTO, Cal., 1421 12th St.
Two-story frame apt. bldg. (4 4-room)
Owner—Mrs. M. A. Landsburg, 1003 "J" Sacramento.
Contractor—G. E. Harvie, 2212 T St., Sacramento.

To Be Done By Day's Work
APARTMENTS Cost, $10,000
SACRAMENTO, Cal., 3416 J St.
Two-story frame (4) apts. and garage.
Owner—J. A. Saunders, 2819 1 St., Sacramento.

Contract Awarded.
APARTMENTS Cost, $13,000
SAN FRANCISCO, W 27th Ave. 175 S Lake.
Two-story and basement frame (4) flats.
Owner—T. O. Anstott.
Contractor—Klaus Adler, 493 22nd Ave. San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $10,000
SAN FRANCISCO, W 9th Ave. 325 S Geary.
Two-story & basement frame (4) apts.
Owner—R. J. Stempel, 5331 Geary St., San Francisco.
Contractor Taking Sub-Contracts.
REMODEL Cost, $15,000
SAN FRANCISCO, 2422 Mission St.
Remodel for stores and apts. (interior stairways).
Owner—Klopstock Bros., 3320 18th St., San Francisco.
Architect—S. L. Hyman & A. Appleton Foxcroft Bldg., S. F.
Contractor—J. Spargo, 240 Montgomery San Francisco.

NEWPORT BEACH, Orange Co., Cal. —Hugh McMillan and W. A. Irwin are taking bids on a 2-story brick business bldg. (combination of two bldgs., separate owners) to be erected at Ocean Front and 22nd St. The bldg. will contain stores with apts and offices above. The bldg. will front 150 ft. on Ocean Front. Est. cost of both bldgs. $100,000.

GLENDALE, L. A. Co., Cal.—Archt. Alfred F. Priest, 719 Fay Bldg., is preparing plans for a 3-story class C brick store and apt. house to be erected at s.e. cor. of Brand Blvd. and Lexington Dr., Glendale, for B. C. Grossman. Three stores, 26 apts., dimensions 50x128 ft; brick walls, press. brick and cast stone facing, plate glass, steel beams, comp. rfg., pine trim, wall beds, oak flrs., tiled baths, water htrs., gas rads.

LOS ANGELES, Cal.—Archt. H. G. Corwin, 129 W Washington St., is preparing sketches for a 3-story class C brick apt. house to be erected on Hudson Ave. north of Selma Ave.; owner's name withheld. Dimensions, 107x113 ft; 102 rms., 51 apts.; press. brick facing, comp. rfg., pine trim, oak flrs., tiled baths and sinks, steam htg., electric elevator, wall beds, incinerator; $130,000.

LOS ANGELES, Cal.—T. C. Kistner, Co., archts., 616 Pantages Theater Bldg. has completed preliminary plans for a 4-story class C apt. bldg., to be erected on Bonnie Brae St. near 7th St., for a local client; it will contain 43 single apts. Brick or hollow tile walls, 4-sto. and basement, 42x140 ft., comp. rfg., hardwood, cement and tile flrs., probably steam htg. system, tiled baths, elevators, etc.

HERMOSA, L. A. Co., Cal. — Archt. Myron Hunt, 1107 Hibernian Bldg., has been commissioned to prepare plans for a 7-story class A store and apartment bldg. to be erected at n.e. cor. of Hermosa Ave. and 11th St., Hermosa Beach, for F. S. Vreeland. It will be a community apartment bldg. and J. H. Kihler Co. will act as selling agents. The bldg. will be reinf. concrete construction and will cost $350,000.

LOS ANGELES, Cal.—Sidney L. Peiser and Milton Jones, San Francisco merchants, have purchased the property at the n.e. cor. of Wilshire Blvd. and New Hampshire St. from Jos. Schenck and A. C. Blumenthal and contemplate the erection of a 12-story class A apartment house. The site is 150x135 ft. and the bldg. will cost approximately $1,000,000. Plans will in all probability be prepared by a San Francisco architect, although the selection has not been made.

LIGNI-SALVOR
Best Wood Preserver
50 Gal. Bbl. $2.00 Gal.
5 GAL. CANS 11.25 Net F.O.B. SF
Contains 60% Crude Carbolic Acid in Insoluble Form
Douglas Woodhams & Co.

BONDS

SPARKS, Nevada—Bonds of $125,000 were voted at recent election to finance construction of additional school buildings.

BRAWLEY, Imperial Co., Cal.—A petition is being circulated to call a bond issue for a new city jail and city hall Bldg., together with the remodeling of the present city hall into a community welfare bldg. Est. cost $80,000. G. R. Wade, city engr.

CHURCHES

Contract Awarded.
ALTERATION ETC Cost, $20,000
FRESNO, 2500 Mariposa St.
Alter and add to church.
Owner—Adventist Church.
Contractor—Church & Nelson, Fresno.

SACRAMENTO, Cal. — First Baptist Church, Rev. Bryant Wilson, pastor, has purchased site at s.w. corner of L and 24th Sts., and will erect new edifice. Present church is located at 9th and L Sts.

LOS ANGELES, Cal. — Milwaukee Building Co., 315 Wright & Callender Bldg., has prepared plans and has the contract to erect a new church bldg. at s.e. cor. of Pasadena Ave. and Ave. 52 for the Fourth Church of Christ Scientist. Two-story, 80x119 ft., brick const., plas. exter., cast stone trim, clay tile rfg., steel roof trusses, pine trim, art glass, heating, marble and tile work; $112,000.

LOS ANGELES, Cal.—A. C. Mort 1121 S Ardmore Ave., has the contract to erect a new church bldg. on New Hampshire St. near Hollywood Blvd. for Hollywood Lutheran Church. Dimensions, 56x60 ft., frame and plas. construction, comp. rfg., art glass, pine trim, oak and pine flrs., gas htg.; $35,000. Plans were prepared by the De Luxe Building Co., 521 Union League Building.

FACTORIES AND WAREHOUSES

Contract Awarded.
STORAGE BLDG. Cost, $10,000
SAN FRANCISCO, San Bruno Ave. near 15th St.
One-story brick storage building.
Owner—R. Nason, Poterro Ave. near 15th St.
Contractor—W. A. Rainey, 180 Jessie St., San Francisco.

Contract Awarded.
STORES & WAREHOUSE Cost, $23,000
SAN FRANCISCO, S Howard 328 W 4th
Two-story and basement class C stores and warehouse.
Owner—Walter H. Sullivan Inc., Alexander Bldg., San Francisco
Contractor — Geo. Wagner, 181 South Park, San Francisco.

Contract Awarded.
LOFT BLDG. Cost, $54,000
SAN FRANCISCO, S Howard 400 W 4th.
Two-story and basement reinforced concrete loft bldg. for printing plant.
Owner—Alexander Dulfer, 560 Mission St., San Francisco.
Engineer—R. W. Jenkins, 918 Harrison St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St. ,San Francisco.

Contract Awarded.
MFG. BLDG. Cost, $14,747
OAKLAND, E San Pablo Ave. 100 N 32nd St.
Two-story brick and frame manufacturing building.
Owner—R. A. Kronke, 1039 Aileen St., Oakland.
Contractor—Ben Pearson, 2403 Grant St., Oakland.

Figures To Be Taken Next Week.
LAUNDRY BLDG. Cost, $50,000
SAN FRANCISCO, 21st St. near Treat.
Two-story brick laundry building.
Owner—Louis R. Lurie.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.

Bids Sent Past for Approval.
ADDITION Cost, $300,000
EMERYVILLE, Alameda Co., Cal. Powell and Sixty-second Sts.
Three-story reinforced concrete addition to plant.
Owner—Westinghouse Electric Co.
Engineer—Bernard H. Frack, 62nd and Green Sts., Emeryville.
The bids have been sent to Pittsburgh, Penn. for approval. The following is a list of the firms who were selected to bid:
MacDonald & Kahn, 130 Montgomery St., San Francisco.
Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
R. McLeran Co., Hearst Bldg., San Francisco.
K. E. Parker, Clunie Bldg., San Francisco.
Lindgren-Swinerton Co., Standard Oil Bldg., San Francisco.
Coast Constr. Co., Crocker Bldg., San Francisco.
Clinton Constr. Co., 923 Folsom St., San Francisco.

Plans Being Figured.
FACTORY Cost, $15,000
SACRAMENTO, Cal., 20th & G Sts.
One-story reinforced concrete factory.
Owner—W. A. Rapp & Co.
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.

PORTLAND, Ore.—Archt. Orlo R. W Hossack, Worcester Bldg., Portland, has completed plans for 2-story heavy mill construction factory addition, 40 by 145 ft., to be erected at E-33rd and Broadway, for Beaver State Furniture Mfg. Co., est. cost $22,000. Work will be done by day labor.

FRESNO, Fresno Co., Cal.—Benham Ice Cream Co., 1420 H St., Fresno, will erect two ice cream plant in San Joaquin Valley early in 1924. Locations are yet to be determined. L. W. Wilson is mgr. of company.

BEVERLY HILLS, L. A. Co., Cal. — Anton Johnson & Co., rm. 209, 1007 S Grand Ave., has been awarded the contract at $130,000 to erect a 1-story and part 2-story bakery bldg., at Beverly Hills, for the Standard Bakeries, 1802 Hooper St.; it will contain offices, locker-rooms, mixingrooms, toilets, lunchrooms, bakerm. and loading platform. Plans by the McCormick Co., engineers, New York and Pittsburgh. Brick walls, 155x153 ft., plaster exter., tile and comp. rfg., cem. and hardwd. fls., elec. elevator, part basement, boilers, conveyors, ventilating system, hollow tile partitions, steel sash, wood and steel rolling doors, wire glass, enam. brick inter. walls.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

SAN FRANCISCO — The following bids were received on December 27th by the Board of State Harbor Commissioners for furnishing materials and constructing an extension of shed at Islais grain terminal, on the waterfront. Bids were taken under advisement for a week.

Grant & Hart	$45,623
Louis J. Cohn	47,605
Schulz Constr. Co.	48,500
A. B. Vogt	51,443
Lange & Bergstrom	55,287
J. A. Bryant	59,222

AZUSA, L. A. Co., Cal.—Paramount Motors Corp., of which Fred S. Lack, 507 California Bank Bldg., L. A., is president, will erect an automobile factory on a 160-acre site which they have recently purchased at cor. Broadway and Irvindale Ave., Azusa. The main bldg., the first of a large group that will be erected, will be 3-sto. with mezz fls. and balconies, steel frame constr., brick walls, 250x300 ft., cement fls., overhead cranes and hoists, comp. rfg., steel sash, wire glass, boilers; the plant when completed will cost $1,500,000. Following is a list of officers of the corporation, Fred S. Lack, pres.; Donald J. Bell, vice-pres; Charles S. Norton, sec.; Nelson E. Bliss, treas., and Clarence Barker, S. S. Smith, William Akin, R. S. Oakford, Dr. G. F. Harding and Fred R. Berbower, directors.

SACRAMENTO, Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, operating the Sacramento street car system, has purchased property at 28th and M Sts., and will erect machine shops and car barns at a cost of approximately $100,000. The site is 160 by 160 ft. E. W. Florence is division manager for the company at Sacramento.

LOS ANGELES, Cal. — Archt. Albert C Martin, 228 Higgins Bldg., is completing plans for a 5-story class A warehouse to be erected at s.w. cor. of Market and Alameda Sts. for L. A. Warehouse Co. Dimensions, 125x175 ft., reinf. conc. construction, steel sash, metal skylights, steel rolling doors, elevators; $300,000.

FLATS

Contract Awarded.
FLATS Cost, $14,000
ALAMEDA, NW Concordia St. & Pacific Avenue.
Two-story frame flats.
Owner — Louis Bruzzone Estate, 1519 Central, Alameda.
Architect—M. V. Politeo, 1st Natl. Bk. Bldg., San Francisco.
Contractor—G. A. Scott, 351 12th St., San Francisco.

Are you purchasing your PAINTING SERVICE with the same discrimination that you would exercise in the purchase of any other important item—are you getting the full value of every dollar spent?
For nearly forty years we have been cooperating with Architects and Builders in bringing to successful execution their visions of color and texture and the maximum protection to the property by the correct application of the best materials.
OUR WORK is the best guarantee of the QUALITY of OUR SERVICE and the assurance of VALUE RECEIVED.
A. Quandt & Sons
Painters · Decorators
Since 1885
374 GUERRERO STREET · MARKET 1709
SAN FRANCISCO
Los Angeles

LOS ANGELES, Cal. — Commercial Fixture, 914 S Alameda St., contemplate the erection of a large factory to cost about $60,000.

LOS ANGELES, Cal.—Blake, Moffitt & Towne, 242 S Los Angeles St., are taking bids for erecting a 4-story and basement class A paper warehouse in the rear of their present location. Plans were prepared by J. D. Galloway, engineer, First National Bank Bldg., San Francisco. The bldg. will be irregular in shape; dimensions, 216x187x221x90 ft., reinf. conc. frame and fls., brick filler walls, fireproof doors and windows, comp. rfg., metal skylights, automatic sprinkler system, 4 elevators compressed air and vacuum sweeping plants. Bids are being taken separately on the general contract, metal window frames, glazing, doors, wiring, plumbing, painting, elevators, sprinkling system, compressed air plant, vacuum cleaning, sump pump.

Contract Awarded.
FLATS Cost, $14,000
SAN FRANCISCO E San Jose Ave 227-6 N 28th St.
Two-story & basement frame (4) flats.
Owner—John J. Delucchi, 14 Eugenia Ave., San Francisco.
Contractor—J. Carrara, 780 Felton St., San Francisco.

Contract Awarded.
FLATS Cost, $12,000
SAN FRANCISCO, S Francisco 112-6 E Gough.
Two-story & basement frame (2) flats.
Owner—J. R. Neuraumont, 345 Battery St., San Francisco.
Contractor—John Harder, 870 39th Ave San Francisco.

GARAGES

Plans Being Prepared.
Garage. Cost, $130,000
SAN FRANCISCO, E Embacadero, bet. Commercial and Clay Sts.
Three-story and basement reinforced concrete garage.
Owner—Cowell Estate Co.
Architect—Henry H. Meyers, Kohl Bldg., San Francisco.

GOVERNMENT WORK AND SUPPLIES

SACRAMENTO, Calif.—Until Jan. 14 12 M., bids will be rec. by Supervising Superintendent, U. S. Postoffice Bldg., 7th and Mission Sts., San Francisco, for new lighting etc., in postoffice and courthouse at Sacramento. Specifications and further information obtainable from above office. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—Until Dec. 28, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5014-Oak. 1, for fur. and del. Rio Vista, Solano county: 2 pipe sleeves, black, 2½-in.; 2 elbows, black, 1½-in.; 6 Globe valves, high pressure, ½-in.; 6 pipe plugs, black, ⅜-in.; 2 adjustable set screw flanges for ½-in. hose bibb. N. P. No. C31493. Further information obtainable from above office.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

WASHINGTON, D. C.—Until Jan. 11, 10 30 a. m., bids will be rec. by Purchasing Agent, Panama Canal, for fur. and del. Balboa (Pacific Port), under Circular No. 1581: Switchboards, pinions, air compressor, composition flooring, insulated cable, lamp cord, heater cord, steel conduit, electric motor, transformers pneumatic drills and parts, paving breakers and clay scoops, fans, storage batteries, water heaters, switches, sockets, mouthpieces, spark plugs, insulating varnish, lawn mowers, screws, nuts, rivets, chain bolts, pipe jointers, padlocks, hinges, tracks, file handles, grindstones, rubber tires, brushes, copper sulphate, water coolers, asbestos wood, crayons, etc. Further information obtainable from Assistant Purchasing Agent for Commission at Fort Mason, San Francisco.

PORTLAND, Ore.—Until Jan. 24, 11 a. m., bids will be rec. by U. S. Engineer Office, 216 New Postoffice Bldg., Portland, to fur. and del. 4 wooden stone barges. Further information obtainable on request to above.

HALLS AND SOCIETY BUILDINGS

Plans Being Completed.
SOCIETY BLDG. Cost, $——
SAN JOSE, Santa Clara Co., Cal. Fifth and San Fernando Sts.
Four -story and basement reinforced concrete society building.
Owner — Catholic Women's Community Center, Mrs. Ella C. Graham, Secretary.
Architect — Binder & Curtis, 255½ S-First St., San Jose.
First floor will contain cafeteria, gymnasium, swimming tank, locker and laundry rooms. Second floor will contain secretary's office, living room, auditorium and lodge rooms. Third and fourth floors will be given over to dormitories, single and double rooms for approximately 75 persons.

Contracts Awarded.
LODGE BLDG. Cost, $——
SAN JOSE, Santa Clara Co., Cal. Third and St. James Sts.
Two-story and basement reinforced
Owner—Scottish Rite Temple Association.
Architect—Carl Werner, Santa Fe Bldg San Francisco.
General contract—Ira W. Coburn, 180 Jessie St., S. F., $48,300.
Structural steel to Golden Gate Iron Works, 1541 Howard St., San Francisco, $7173.
Reinforcing steel to Edw. L. Soule & Co., $13,400.
Concrete to Chas. Sartorio, 180 Jessie St., San Francisco, $63,982.
Metal lath & furring to Wm. F. Cody, Call Bldg., S. F., $7450.
Ornamental cast stone and ornamental plaster to P. Grassi, 1945 San Bruno Ave., San Francisco, $15,275.
Travertite to P. Grassi, 1945 San Bruno Ave., San Francisco, $23,285.
Roofing tile to Gladding, McBean & Co., San Francisco, $2955.
Plumbing to Burnham Plumbing Co., San Francisco, $11,390.
Heating and ventilating to Ideal Heating & Engineering Co., 192 Erie St. San Francisco, $24,990.
Painting to D. Zelinsky & Sons, 165 Grove St., San Francisco, $7050.

KING'S ORIENTAL STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco

Figures To Be Taken Next Week.
BUILDING Cost, $250,000
SANTA BARBARA, Santa Barbara Co., Cal., E Cabrillo.
Three-story reinforced concrete masonic Temple bldg.
Owner—Masonic Hall Association.
Architect—Carl Werner, Santa Fe Bldg San Francisco.

Contracts Awarded.
ALTERATIONS Cost $30,000
SAN FRANCISCO, Arguello Blvd. and Geary St.
Alter frame and stucco church into club (cardrooms, billiard room, stage, etc.)
Owner — Independent Order of B'na B'rith, S. F. Lodge.
Architect—S. Heiman, 57 Post St., S. F.
General contract awarded to Barrett & Hilp, 918 Harrison St., at $3350.
Other bidders were I. M. Sommer $35,-775 and L. J. Cohn $39,600.
Electrical work to Beach Elec. Co., 2369 Mission St. at $1834. Other bidders were Central Elec. Co., $2175; Shipman & Lauer $2200; & Butte Elec. Mfg. Co., $2735.

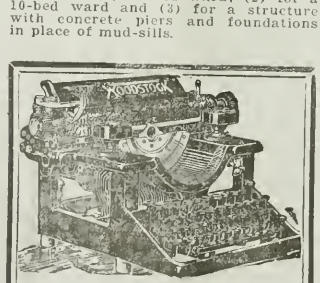
HOSPITALS

Plans Being Prepared.
HOSPITAL Cost, $30,000
BELMONT, San Mateo Co., Cal.
One-story frame and stucco cottage style children's hospital.
Owner—Chas. S. Howard Foundation. Inc., headed by Dr Max Rothchild and Harry C. Warren of San Francisco.
Architect—Henry H. Meyers and Geo. R. Klinkerdt, Associated, Kohl Bldg., San Francisco.

Carpentry & Mill Work Contr. Awarded
HOSPITAL Cost, $300,000 or more
SAN FRANCISCO, S Sutter E Larkin.
Ten-story and basement class A reinforced concrete and steel hospital bldg. 56x137-6 (college of Electronic Medicine).
Owner—Dr. Albert Abrams.
Architect — Mel. I. Schwartz, Nevada Bank Bldg., San Francisco.
John Spargo & Son, 240 Montgomery St., have been awarded the carpentry and mill work at approx. $60,000.

LOS ANGELES, Cal.—H. T. Johnson Co., 304 Bradbury Bldg., has the contract to erect a 3-story class A hospital bldg. on Lake St. bet. 2nd and Valley Sts., for Dr. August Larsen, Consolidated Realty Bldg. Plans by Joseph F. Rhodes, Central Bldg. Dimensions, 128x84 ft., 71 rms.; reinf. conc. constr., plas. exter., comp. rfg., pine trim, hollow tile partitions, marble and tile work, elevator, steam htg.; $175,000.

REDWOOD CITY, San Mateo Co., Cal. —Architect William H. Toepke, Call Bldg., San Francisco, has prepared plans for a tuberculosis pavillion at old county farm and following the approval of the drawings by the State Board of Health bids will be asked for construction. Alternate bids will be taken for (1) 14-bed ward; (2) for a 10-bed ward and (3) for a structure with concrete piers and foundations in place of mud-sills.



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

SAN FRANCISCO — Senator Shortridge seeks $1,500,000 appropriation from Congress to finance construction of new hospital at San Francisco.

SAN MATEO COUNTY, Calif.—City and county of San Francisco purchases 300-acre tract in vicinity of Redwood City and will erect a tuberculosis preventorium. John Reid, Jr., First National Bank Bldg., San Francisco, is city architect.

MERCED, Merced Co., Cal. — Until Jan. 8, 10 a. m., bids will be rec. by P. J. Thornton, county clerk, to erect tuberculosis ward at county hospital. Cert. check 10% payable to Chairman of Bd. of Sups. req. with each bid. Plans obtainable from County Surveyor W. E. Bedesen on deposit of $10, returnable. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—Board of Supervisors appropriates $5000 to install radiators in Nurses' Home at S. F. Hospital and for necessary mains and risers to connect same with present hospital steam plant. For alterations to battery of steam kettles and cooking utensils in the main kitchen of the hospital, the board has appropriated $1515.

HOTELS

Plumbing, Heating and Electrical Contracts Awarded.
HOTEL Cost, $500,000
MONTEREY, Monterey Co., Cal.
Three and five-story reinforced concrete hitel (about 200 rooms)
Owner—Romie Jacks, Monterey, Cal.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 815 Bryant St., San Francisco.
Plumbing and Heating to H. G. Newman, 2004 Telegraph Ave., Oakland, at approximately $48,000.
Electrical work to Crown Electric Co., 153 Eddy St., San Francisco, at approximately $18,000.

Contractors Taking Sub-Figures.
ADDITION Cost, $—
SAN FRANCISCO, S Post W Powell.
Five-story class A addition to hotel.
Owner—St. Francis Hotel Co.
Architect—Bliss & Faville, Balboa Bldg San Francisco.
Contractor — Lindgren-Swinerton Co. Inc., Standard Oil Co., S. F.
Sub-Figures are being taken for the following:
Heating
Plumbing
Electrical work
Painting
Mill work
Glass
The terra cotta has been purchased from N. Clark & Son, the stone from McGillivray Raymond Granite Co. and the rock, sand and gravel from the Bay Dev. Co.

POMONA, L. A. Co., Cal. — Archts. Marston, Van Pelt & Maybury, 25 S Euclid Ave., Pasadena, have prepared drawings for a $300,000 apt. hotel to be erected in the business district of Pomona for a group of Pomona owners, names not disclosed. Design and construction similar to the new hotel in Fullerton. Carved stone and iron grille facades.

CROWE GLASS CO.
1055 Post.
Phone Franklin 7445
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

Bids to Be Called For in a Few Days.
HOTEL Cost, $250,000
PALO ALTO, Santa Clara Co., Cal. Cor. Hamilton Ave. and Ramona St.
Three-story reinforced concrete hotel with cement exterior and tile roof (150 rooms).
Owner—Company of Palo Alto Businessmen, A. B. Peterson, Pres. O. L.
Architect—W. H. Weeks, 369 Pine St., San Francisco, and Birge Clark, 600 Embarcadero, Palo Alto, Assoc
Bids will be taken for a general contract, plumbing, heating and electrical work.

SAN BERNARDINO, San Bernardino Co., Cal.—The Big Bear Realty Corp. has purchased 160 acres of timber land on the s. shore of Big Bear Lake, bet. that lake and Baldwin Lake. The site was purchased from B. C. Clark of Los Angeles for about $250,000. The company plans to erect a $200,000 mountain hotel. F. W. Bilyeu is pres. of the Big Bear Realty Corp.

LOS ANGELES, Cal.—Butler Constr. Co. and E. M. Sanders, Long Beach, have been awarded the contract to erect a class A hotel bldg at Santa Monica Blvd. and Western Ave. for Mrs. Garrigus; it will contain 104 rms., each with bath, and 3 stores. Leonard L. Jones, 603 Grosse Bldg., archt. Reinforced concr. constr., 92x104 ft., press. brick facing, comp. rfg., stone trim, plate glass, cem., O. F. and hardwd fls., steam htg. system, tile baths, metal store fronts, basement, water softener.

SANTA BARBARA, Santa Barbara Co., Cal.—Veronica Springs Co. has increased its capital stock from $225,000 to $300,000 and is planning extensive developments. One of the projects under consideration is the construction of a hotel and sanitarium at the springs, Las Positas Rd. near Arroyo Burro beach. Ben A. Rooks is pres. of the company.

POWER PLANTS

LOS ANGELES, Cal. — The So. Cal. Edison Co. will expend $26,288,000 during 1924 for development construction and extensions, according to a recent announcement by the board of directors.

CALIFORNIA—Pacific Gas & Electric Co., 445 Sutter St, San Francisco, authorize following work:
Reconstruct high voltage power lines from Colgate power house to Vernon, approx. 50 mi., $44,450 appropriated to finance first 10 mi. from Nicolaus to Vernon.
Reanild and extend power lines in San Bruno rd., San Mateo county; est. cost, $6355 . ,
Reconstruct Cordelia-Petaluma power line, Napa county, est. cost, $6445.
Reconstruct Petaluma-Santa Rosa power lines. In Cotati section 35 ft. poles will be replaced with 50 ft. poles.

SAN DIEGO, Cal.—San Diego Consol. Gas & Elec. Co., applies to state railroad commission for authority to sell $500,000 pfd. shares. Projected improvements, alterations and additions will amount to $2,500,000. H. H. Jones, manager.

SAN FRANCISCO—As previously reported, Westinghouse Elec & Mfg. Co., 1st National Bank Bldg., submits low bid to Bd. Pub. Wks. to fur. electric transmission insulators for Hetch Hetchy project. Complete list of bids follows: (a) standard per unit; (b) heavy standard per unit:
Westinghouse Electric & Mfg. Co. (a) 2.26; (b) 2.665.
Garland Affolter Engr. Co. (a) 2.49; (b)

Ohio Brass Co. (a) 2.44; (b) 5.35.
Western Electric Co. (a) 2.40; (b) 3.14.
Pacific States Electric Co (a) 2.39; (b) 3.11.

SAN FRANCISCO—Westinghouse El. & Mfg. Co., at $89,407.50 awarded contract by Board of Public Works to fur. and del. electric transmission insulators for Hetch Hetchy project.

TACOMA, Wash.—Until Jan. 21, bids will be rec. by city council for purchase of $4,000,000 of light utility bonds recently authorized to construct the first unit of the Lake Cushman power project.

SACRAMENTO, Cal. — Until Jan. 3, 9:15 p. m., separate bids will be rec. by H. G. Denton, city clerk, for:
Fur. electric current and electrical equipment to light streets, parks and other public places and heating and lighting public buildings, and fur. electric power to public buildings and city departments during year 1924.
Fur. electrical power and electrical equipment for operating pumping unit and auxiliary equipment and lighting and lighting and heating the building known as sewage pumping station No. 1, located at Front and U Sts., during year 1924.
Fur. electrical power and electrical equipment to the City of Sacramento for operating pumping units, and auxiliary equipment and lighting and heating the building known as sewerage pumping station No. 2, located on 11th Ave. near Riverside Blvd., during year 1924. Further information obtainable from city clerk.

SAN LUIS OBISPO, Cal. — Midland Counties Light & Power Co. will build a $14,000, 15 kilowatt sub station at the Walker St. plant. C. J. Kelly, dist. manager.

PUBLIC BUILDINGS

SEATTLE, Wash.—March 18 is date set by city council to vote bonds of $750,000 to finance construction of municipal auditorium.

EUGENE, Ore.—Archts. Lawrence & Holford, Chamber of Commerce Bldg., Portland, preparing plans for 2-story and base., 50 by 70 ft., library addition at University of Oregon; est. cost $40,000.

SACRAMENTO, Cal. — See "Government Work and Supplies," this issue Bids wanted for postoffice and courthouse lighting, etc.

TULARE, Tulare Co., Cal. — Until Jan. 2, bids will be rec. by city council for alterations to city hall building. Est. cost $8000. J. R. Henderson, architect, Tulare. Plans obtainable from city clerk of architect.

SAN BERNARDINO, San Bernardino Co., Cal.—County supervisors will delay work on the new addition to the court house for 60 days in order to give supporters of the movement for a complete new county bldg. time to organize. Est. cost of site and bldg. proposed, $400,000.

OAKLAND, Cal.—Architect Henry H. Meyers, Kohl Bldg., San Francisco, has been commissioned by the Alameda County supervisors to prepare preliminary sketches for the proposed court-house and hall of records buildings to be financed through a $2,000,000 bond issue, the election for which will be held early in 1924. Should the issue fail to carry Architect Meyers will not collect a fee for his work.

SAN FRANCISCO—Until Jan. 10, 2 P. M., bids will be rec. by Harbor Commission, Ferry Bldg., Frank G. White, Chief Engineer, to lay approx. 31,700 sq. ft. of tile or marble flooring in Ferry Building. **See call for bids under official proposal section in this issue.**

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $13,000
SAN FRANCISCO, W Santa Paula 120 N Yerba Buena.
Two-story and basement frame residence.
Owner—Leon C. Garcia.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—Edw. Johnson, 1225 Lowell St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $25,000
SAN FRANCISCO, N Broadway 92-6 E Baker.
Two-story and basement frame residence.
Owner—A. L. Meyerstein, 311 California, San Francisco.
Contractor—M. Fisher, 711 Mission St., San Francisco.

Contract Awarded
RESIDENCE Cost, $9300
BERKELEY, Alameda Co., Cal., Thousand Oaks Blvd.
Two-story frame and stucco residence.
Owner—Mrs. S. J. Sill.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.
Contractor—Frank F. Huefner, S. F.

Contract Awarded.
RESIDENCE Cost, $16,200
SAN FRANCISCO, S Pacific Ave., bet. Baker and Lyon Sts.
Two-story and basement frame and plaster residence with tile roof.
Owner—Hugh Porter.
Architect — Erle J. Osborne, Balboa Bldg., San Francisco.
Contractor — Ed. Zinkand & Son, 434 10th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,614
BERKELEY, Alameda Co., Cal., Scenic Avenue.
Two-story frame and plaster residence.
Owner—Helen L. Martin and Margaret Webb, 1511 Spring St., Berkeley.
Architect — Wm. E. Milwain, Pacific Bldg., Oakland.
Contractor—F. W. Maurice, 1362 E 25th St., Oakland.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
BONESTELL & CO.
118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Excavating and Concrete Work Contract Awarded.
RESIDENCE Cost, $30,000
SAN FRANCISCO, N Geary St. 150 W Eighth Ave.
Two-story concrete Class C Rectory for Star of the Sea Church.
Owner—Roman Catholic Archbishop of S. F., 1190 Franklin St., San Francisco.
Architect — John O Lofquist, 1399 Tamalpais St., Berkeley.
The excavating and concrete work has been awarded to Andrew Lynch, 180 Jessie St., at $13,350.

Low Bidder.
RESIDENCE Cost, Approx. $19,000
PIEDMONT, Alameda Co., Cal.
One-story steel frame and concrete conservatory building for residence
Owner—Withheld.
Architect — Chas. W. McCall, Central Bank Bldg., Oakland.
Low Bidder—H. Andresen, 1229 Pearl St., Alameda.

SCHOOLS

SANTA ROSA, Sonoma Co., Cal. — The following bids were received on December 24th by the Board of Trustees of the Santa Rosa Union High School District for plumbing, heating, ventilating and electrical work for the new high school building. W. H. Weeks, 369 Pine St., S. F., is the architect. Bids were taken under advisement until December 28th.

Plumbing

E. Sugarman, 3624 Geary St., San Francisco $16,643
W. H. Picard, Oakland..... 16,700
Latourrette-Fical Co., Sacto.... 16,934
Carl T. Doell, Oakland..... 18,157
Christenson & Anderson, Palo Alto 23,680

Electrical Work

F. E. Newbery, S. F. $20,225
Geo. Foss, S. F. 21,375
Crown Elec. Co., S. F..... 21,600
Roberts Mfg. Co., S. F..... 22,995
Butte Elec. & Eq. Co., S. F..... 23,275
Latourrette-Fical Co., Sacto..... 25,000
M. E. Ryan, S. F. 24,000

Heating

(1) Cast iron boilers; (2) Pacific boilers; (3) Birchfield boilers; (4) Kewanee boilers; (5) oil burning eq. add, on 1, 2, 3 & 4; (6) split sys. cast iron boilers; (7) split sys. Pacific boilers; (8) split sys. Birchfield boilers; (9) split sys. Kewanee boilers; (10) oil burning eq. add 6, 7, 8, 9; (11) foot warmers (add); (12) split sys. and exhaust ducts.

W. H. Picard, 5656 College Ave., Oakland, (1) $24,390; (2) $24,500; (3) $24,410; (4) $2445; (5) $1279; (6) $40,264; (7) $40,464; (8) $40,275; (9) $40,300; (10) $1600; (11) $1084; (12) $4890.

Scott Co., (1) $26,330; (2) $25,190; (3) $25,280; (4) $25,620; (5) $1820; (6) $38,220; (7) $37,370; (8) $37,380; (9) $37,490; (10) $1895; (11) $1375; (12) $3480.

Latourrette-Fical Co., Sacramento; (1) $28,267; (2) $27,412; (3) $27,349; (4) $27,512; (5) $1251; (6) $41,710; (7) $41,464; (8) $41,398; (9) $41,142; (10) $1502; (11) $1275; (12) $3150.

Christenson & Anderson, Palo Alto, (1) $32,700; (2) $31,895; (3) $31,703; (4) $31,862; (5) $1685; (6) $47,750; (7) $47,168; (8) $46,973; (9) $46,653; (10) $1845; (11) $1395; (12) $13,450.

Carl Doell, Oakland, (1) $33,035; (2) $32,510; (3) $32,333; (4) $32,277; (5) $1456; (6) $1559; (7) $44,934; (8) $44,444; (9) $44,111; (10) $1486; (11) $—; (12) $—.

Figures To Be Taken In About Three Weeks.
SCHOOL Cost, $200,000
SAN RAFAEL, Marin Co., Cal.
One-story reinforced concrete high school with flat roof (25 rooms and auditorium).
Owner—San Rafael School District.
Architect — Shea & Shea, Chronicle Bldg., San Francisco.
Plans will be prepared by the same architects for two grammar schools to cost approx. $100,000 each.

Contracts Awarded.
HIGH SCHOOL Cost, $200,000
LOS GATOS, Santa Clara Co., Cal.
Two-story and basement reinforced concrete high school (approx. 20 rooms).
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General contract to Herndon & Finnigan, 1814 17th St., Sacramento, $148,670.

Plumbing to Fred Berryman & Son, Los Gatos, $8997.
Electrical work to M. E. Ryan, 259 Tehama St., S. F., $6850.
Heating (Split system, oil burner) to Scott Co., 243 Minna St., S. F., at $15,330.
Blackboards to Stewart School Supply Co., Rialto Bldg., S. F., $1805.
Window shades to D. N. & E. Walter Co., 562 Mission St., S. F. $1467.20.
Linoleum to Palo Alto Furniture Co., Palo Alto, $2668.72.

This is Sandy Pratt, Producer of Sand, Rock and Gravel

SANDY PRATT, producer.
• • •
OF CLEAN, sharp sand.
• • •
AND HARD rock and gravel.
• • •
WISHES ALL the readers.
• • •
OF THE Building and Engineering News.
• • •
AND THE others.
• • •
IN THIS good old world.
• • •
A VERY Happy New Year.
• • •
AND A prosperous one also.
• • •
CLARENCE SAND Pratt, President.
• • •
OF THE Pratt Building Material Co.
OF SAN Francisco, Marysville.
• • •
SACRAMENTO, PRATTCO (Monterey County).
• • •
AND PRATTROCK, near Folsom.
• • •
IS VERY grateful.
• • •
FOR ALL the business.
• • •
THAT HIS company.
• • •
HAS ENJOYED.
• • •
DURING 1923.
• • •
AND IN telling 1923 good bye.
• • •
SANDY SAYS to all.
• • •
"I THANK you."

Completing Plans—Ready for Figures in About a Month.
SCHOOL Cost, $60,000
ALVARADO, Alameda Co., Cal.
One-story hollow tile school (6 rooms and an auditorium).
Owner— Alvarado Grammar School District.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.

Plans Complete—Figures To Be Taken In About a Month.
HOUSE Cost, $20,000
PALO ALTO, Santa Clara Co., Cal.
One-story frame and stucco parish house (auditorium, 4 classrooms, chapel, stage, etc.)
Owner—All Saints Episcopal Church.
Architect—John Branner, 251 Kearny St., San Francisco.
The trustees of the church will have a meeting after the first of the year, when they will probably call for bids.

MADERA, Madera Co., Cal. — Until Jan. 10, 8 p. m., bids will be rec. by M. H. Tyrrell, clerk, Madera School District to fur. following playground apparatus:
1 set stationary circle traveling rings, complete, Patterson-Williams goods;
2 Rock-A-bye Swings, Patterson-Williams goods;
3 horizontal ladders, equipped with aluminum bronze fittings, Patterson-Williams goods.
Further information obtainable from above.

SAN FRANCISCO—Wm. Bruce, 270 McAllister, at $6350 awarded contract by Board of Public Works for general alterations to Sarah B. Cooper school, J. E. O'Mara, 218 Clara St., at $1744 awarded contract for heating alterations on same structure.

NEWMAN, Stanislaus Co, Cal.—Trustees of Orestimba High School District are taking bids to erect one-sto. brick roachine shop for manual training department; est. cost $3500 exclusive of equipment.

NAPA, Napa Co., Cal.—Ernest Moyer Machine Shops, Napa, at $1080 awarded contract by Napa Union High School District to fur. and install hot water heater and storage tank at high school. Other bids were: Hately and Hately, Sacramento, $1290; Walter C. Kinder, Napa, $1.77; H. Shwartz Co., Napa, $1125.

OJAI, Ventura Co., Cal. — Rt. Rev. John J. Cantwell, Bishop of the Diocese of Monterey and Los Angeles, and authorities of the St. Augustine College, Philadelphia, have announced that the new Augustine College will be built at Ojai, on a 130-acre tract donated by local citizens. The college bldg. will cost $200,000 and will accommodate between 200 and 250 students. Work will start soon.

SEBASTOPOL, Sonoma Co., Cal.—Until Jan. 5, bids will be rec. by Wright School District, Girault S. Wright, Clerk, Rt. 1, Santa Rosa, to install pressure water system at Wright school. Further information obtainable from Clerk.

ESCALON, San Joaquin Co., Cal.—Until Jan. 4, 7:30 p. m., bids will be rec. by Escalon Grammar School District, to install heating system in school. Davis-Heller-Pearce, archts, Delta Bldg., Stockton. Plans obtainable from clerk of district or architects.

YUBA CITY, Sutter Co., Cal.—Until Jan. 4 8 P. M., bids will be rec, by V. W. Cooley, Clerk, Yuba City Union High School District, to fur. and install teachers' desks and chairs, door mats and fire extinguishers for high school. Lists of materials desired obtainable from principal of school.

NAPA, Napa Co., Cal.—Until Jan. 14, 8 P. M., bids will be rec. by Howard E. Roper, Clerk, Napa School Board, to fur. and install stage equipment in the Lincoln and John L Shearer schools. Spec. and further information obtainable from Clerk.

MODESTO, Stanislaus Co., Cal.—Until Jan. 8, 8 P. M., bids will be rec. by Luther Crabtree, Clerk, Roberts Ferry Union School District, to erect frame school building. Jas. H. Hoose, architect, Ramont Bldg., Modesto. Cert. check 5% payable to Clerk, Roberts Ferry Union School District req Plans obtainable from architect on deposit of $10, returnable.

COVINA, L. A. Co., Cal. — Archts. Train & Williams, 226 Western Mutual Life Bldg., are completing plans for a new science bldg. and for alterations and additions to the auditorium bldg. at Covina high school. The science bldg. will be 2-story and high basement, 156x66 ft., 15 rooms, cafeteria, etc.; reinf. conc. construction, cast stone and stucco exterior, comp. rfg., wood flrs., reinf. conc. stairways and corridor fls., pine trim; $150,000. The addition to the auditorium will be 55x 73 ft., increasing seating capacity to 1000.

LOS ANGELES, Cal.—Archt. Loy L. Smith, 218 Byrne Bldg., has completed plans for an addition to Alexandria Ave. school bldg., n.w. cor. of Alexandria Ave. and Oakwood, tile rfg., $47,-000. The board of education will advertise for bids shortly.

BERKELEY, Alameda Co, Cal.—Until Ja. 8, 4 P. M., bids will be rec. by Clyde Blanchard, Sect'y., Board of Education, 2133 Allston Way, to erect a two-room school bungalow at University Elementary School, Rose and Walnut Sts. Cert. check 10% payable to Board of Education req. Plans obtainable from office of Sect'y.

LOS ANGELES, Cal.—Archt. Harold Cross, 905 Merchants National Bank Bldg., is preparing plans for college bldg., to be erected on Echo Dr., Highland Park, for the Southern California Bible College. It will contain 100 dormitory rooms, auditorium to seat 200, 4 large classrms., kitchen, diningroom, laundry, offices, etc. Frame and plaster constr., 3-story and half basement, comp. rfg., hardw., tile and cement fls., pine trim, etc.; $100,000.

BANKS, STORES & OFFICES

Excavating Contract Awarded—Sub-Figures Being Taken.
OFFICE BLDG. Cost, $350,000
OAKLAND, Alameda Co., Cal. N 17th St., bet. Broadway and Franklin.
Seven-story and basement reinforced concrete physicians' office bldg.
Owner—Dr. W. H. Wakefield.
Architect — Chas. W. McCall, Central Bank Bldg., Oakland.
Contractor — Chas. Heyer Jr., Mills Bldg., S. F. and Dalziel Bldg., Oakland.
Excavating awarded to J. Catucci, 351 12th St., Oakland.

Contract Awarded.
STORES Cost, $17,735
OAKLAND, S 8th St. 150 W Webster.
One-story brick stores.
Owner—O. M. Farwell, 435 Van Dyke Ave., Oakland.
Architect—A. W. Smith, American Bk. Bldg., Oakland.
Contractor—S. G. Johnson 4652 Dolores Ave., Oakland.

Owners To Take Figures Next Week.
STORE BLDG. Cost, $25,000
EUREKA, Humboldt Co., Cal., Corner 4th and G Sts.
One-story frame store bldg. (6 stores).
Owner—Daly Bros., Eureka.
Architect—Wm. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.

LOS ANGELES, Cal. — Archt. J. M. Cooper, 321 Marsh-Strong Bldg., is preparing plans and has the contract to erect a 6-story class A store and loft bldg. at 732 S Los Angeles St. for Malman & Silverman, leased to Grether & Grether, Inc., 752 S Los Angeles St. It will have 4 stores on first fl. with lofts above. Reinf. conc. constr., 100x140 ft., press. brick and terra cotta facing, comp. rfg., conc. and maple fls., gas steam rads., steel sash, metal skylights wire and plate glass, 1 elec. freight and 2 elec. passenger elevators, ornam. iron work, basement, sprinkler sys.; $250,000.

PASADENA, L. A. Co., Cal.—A. C. Blumenthal and D. M. Linnard have secured a long term lease on Kenwood hotel property at Madison Ave. and Colorado St., Pasadena. The site is 100x245 ft. The lessees contemplate the erection of an 8-story and basement class A office bldg. on the corner and a theatre on the remainder of the site. Work will be started next April upon expiration of present leases.

SANTA BARBARA, Santa Barbara Co., Cal.—Archts. Roland F. Saunter & E. Keith Lockard, San Marcos Bldg., Santa Barbara, are completing plans for a 3-story reinf. conc. Spanish type store and office bldg., 227x296 ft., at the cor. of State and Figueroa Sts. for A. C. Blumenthal, Los Angeles. Est. cost, $1,000,000. The bldg. will contain stores on first and second stories, with cloister effect on the street fronts. There will be a patio inside with filling station, and parking space on the roof. There will also be a driveway through the bldg. from State St. to Anacapa St. The exter. of the bldg. will be stucco with red tile rf. Work is planned to start at once.

DELANO, Kern Co., Cal. — Building Committee of Growers' Security Bank has approved plans for one story brick or reinforced concrete, 75 by 150 ft., bank and theatre building to be erected at 9th St. and 11th Ave.; est. cost $50,-000. Theatre will have a seating capacity of approx. 500 persons.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

THEATRES

Planned.
THEATRE Cost, $200,000 or more
BERKELEY, Cal., Telegraph Ave.
Class A motion picture theatre.
Owner—Frank Atkins et al, 724 Spruce St., Berkeley.
The name of the architect will be announced in about ten days.

NAPA, Napa Co., Cal.—See "Schools," this issue. Bids wanted for stage equipment.

DELANO, Kern Co., Cal.—See "Banks Stores and Offices," this issue. Bank and theatre building.

WHARVES AND DOCKS

LOS ANGELES, Cal—Application has been made to U. S. Engr. to construct wharves in Alamitos Bay, California, as follows:
(a) Belmont Shore Development Co. for a quay wharf near State Highway Bridge, Long Beach.
(b) Warren F. McGrath and S. A. Selover, for a T-wharf at Bay Shore Avenue and Second Streets, Long Beach.
(c) S. A. Selover for a quay wharf near Ocean Boulevard, Long Beach.

MISCELLANEOUS BUILDING CONSTRUCTION

WILMINGTON, L. A. Co., Cal.—The Milwaukee Building Co., 315 Wright-Callender Bldg., L. A., is preparing plans for a 2-story and basement restaurant and cafeteria bldg. to be erected on Fries Ave., n. of B St., Wilmington, for a group of owners headed by A. R. Gearhart, proprietor of the Dearborn cafe, Detroit. Service accommodations to seat 2200. Cost, includ. equipment, $200,000.

LOS ANGELES, Cal.—Archts Morgan, Walls & Clements, 1124 Van Nuys Bldg have prepared plans for a class A newspaper publishing building to be erected on Trenton St. near Pico St. for the Evening Herald. The bldg. will be three-story and part basement, designed for four-story, L-shaped, 200 ft. front on Georgia St., 100 ft. on Trenton St. and 282 Ft. deep; reinf. conc. const., brick filler walls, stucco and cast stone exterior, steel sash, plate and wire glass, metal skylights, marble and tile work, steam htg., elevators.

LOS ANGELES, Cal.—Southern California Telephone Co. has purchased the property at s.e. cor. of Washington St. and Grand Ave. and will erect a class A telephone exchange bldg. It will be 150x90 ft., steel frame constr., 9-story, 150 ft. high; the first four stories to be erected at present. Plans will be prepared by the company's engineers in San Francisco.

SANTA BARBARA, Santa Barbara Co., Cal.—Presbyterian ministers of So. Cal. are endeavoring to secure a $500,000 home for retired Presbyterian clergymen. Among the members of the committee are Rev. Hugh K. Walker, Herbert B. Smith and G. A. Briegleb of Los Angeles.

NURSES HOME Cost, $—
SAN FRANCISCO, Sutter St., bet. Scott and Divisadero Sts.
Six-story class A nurses' home with roof garden and auditorium.
Owner—Mt. Zion Hospital.
Architects—Sylvain Schnaittacher, 233 Post St., and S. Lightner Hyman, 68 Post St., San Francisco.
General contract to Barrett & Hilp, 918 Harrison St., $208,400.
Plumbing to Alex. Coleman, 706 Ellis St., $22,470.
Painting to M. Cohn & Co., 1036 Golden Gate Ave., $10,400.
Heating to Scott Co., 243 Minna St., at $22,390.
Electrical work to H. S. Tittle, 85 Columbia, $8450.
Elevator work to Spencer Elev. Co., 166 7th St., $5850.

SAN FRANCISCO—I. R. Kissel, 1747 Sacramento St., at $1300 awardded contract by Board of Public Works to paint Stockton street tunnel.

Sub-Contracts Awarded.
TEL. EXCHANGE $225,000 approx
SAN FRANCISCO, SW Bush and Larkin Streets.
Three-story and basement class A telephone exchange building.
Owner—Pacific Tel. & Tel. Co.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Contractors—Monson Bros., 251 Kearny St., San Francisco.
Structural steel to Golden Gate Iron Works, 1541 Howard.
Sheet metal work to Forderer Cornice Works.
Reinforcing steel to Badt-Falk Co. Call Bldg., San Francisco.
Excavating to Carlin Grading Co., 180 Jessie St., San Francisco.

Grading Contract Awarded—Sub-Figures To Be Taken In Ten Days.
ORPHANAGE Cost, $350,000
SAN FRANCISCO, Ten acres, lying between 28th and 30th Aves. and Vicanti and Wawona Sts
Group of 8 buildings for orphanage (3-story administration building and 6 2-story cottages, concrete, frame and stucco construction and a one-story reinforced concrete laundry and power house.
Owner—San Francisco Protestant Orphanage Society.
Architect — Bliss and Faville, Balboa Bldg., San Francisco.
Contractor — Lindgren-Swinerton Co., Inc., Standard Oil Bldg., S. F.
The grading has been awarded to Price.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-989—Prescott, Ariz. Party is in position to furnish a good tonnage of magnasite ore and dolomite.

D-990 — Selma, Calif. Party wishes novelty machine shops who buy and sell patents, patent brokers or patent selling agents to handle two valuable U. S. patents.

D-991—Minneapolis, Minn. Firm desires representation of cereal sterilization machines on the Pacific Coast and in China and Japan.

D-992 — Philadelphia, Pa. Party desires to secure sales agency or represent local concern.

D-993 — Portland, Oregon, Manufacturers' agents and representatives for the Pacific Northwest wish to handle distribution of products of local concerns, either automobile accessories or some other line.

D-1000—Oakland, Calif. Firm wishes connection with firm in Oakland and San Francisco that does all kinds of construction work, particularly structural steel jobs.

7730—Tepic, Mexico. Manufacturer of turpentine seeks an outlet in the San Francisco market.

7731—San Francisco, Calif. Gentleman with twenty years foreign trade experience in Philippines, Cuba and South America, acting in buying and selling capacty, desres to associate himself with San Francisco house contemplating expansion in Latin America. Best references from local concerns furnished.

7732 — San Francisco, Calif. Firm having for sale miscellaneous railway equipment, new and second hand, such as locomotive, cars, rail, etc., suitable for export, desire to communicate with buyers of such equipment.

7733 —South America. Party having a large deposit of high grade gypsum desires to get in touch with consumers in this locality.

7734—San Francisco, Calif. Salesman seven years experience in Latin-American countries, knowledge of Spanish, English, German, and French, desires to establish connection with San Francisco import and export house.

7739—Rio de Janeiro, Brazil. Firm of commission agents desire to secure the representation of San Francisco firms interested in Brazilian trade, that are not already represented there.

7740—Crescenzago, Milano. Firm desires to communicate with manufacturers of pencils also dealers in hair, fibre, and bristles.

7743—New York, N. Y. Firm is interested in purchasing magnesite calcined (ground or unground), for export to Japan, to be used in stucco and flooring mixture.

7744—Altadena, Calif. Party wishes to communicate with importers of gums used in the manufacture of varnish. Desires to purchase the straight bananna oil.

7745—San Francisco, Calif. Experienced hardware and machinery man, five years executive position in Far East trade desires position in an American hardware export trade doing business with the Far East, or to represent same in Manila or Japan on a salary or a commission basis.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

Notice: **This product, originally announced as "Floorseal," will hereafter be known as "Fuller Floor Preservative."**

Fuller Floor Preservative

for Magnesite

MAGNESITE must be sealed because of its porous, crystalline structure. Fuller Floor Preservative penetrates deeply and seals magnesite thereby making it non-porous, oil and water-proof without affecting its color.

But Fuller Floor Preservative does more than seal. By filling the voids between the particles of magnesite a continuous, durable surface is formed which resists wear and tear. It prevents grinding-in of dust and dirt which causes the dark stains so often seen on magnesite. The eggshell gloss surface of Fuller Floor Preservative is easily kept clean and can be waxed, painted or varnished if desired.

Fuller Floor Preservative dries over night. If used on magnesite or any porous surface it can be walked on immediately without harming the finish. No skill is required to apply Fuller Floor Preservative. A night watchman or janitor can do it with a rag or brush making the cost of material the only cost.

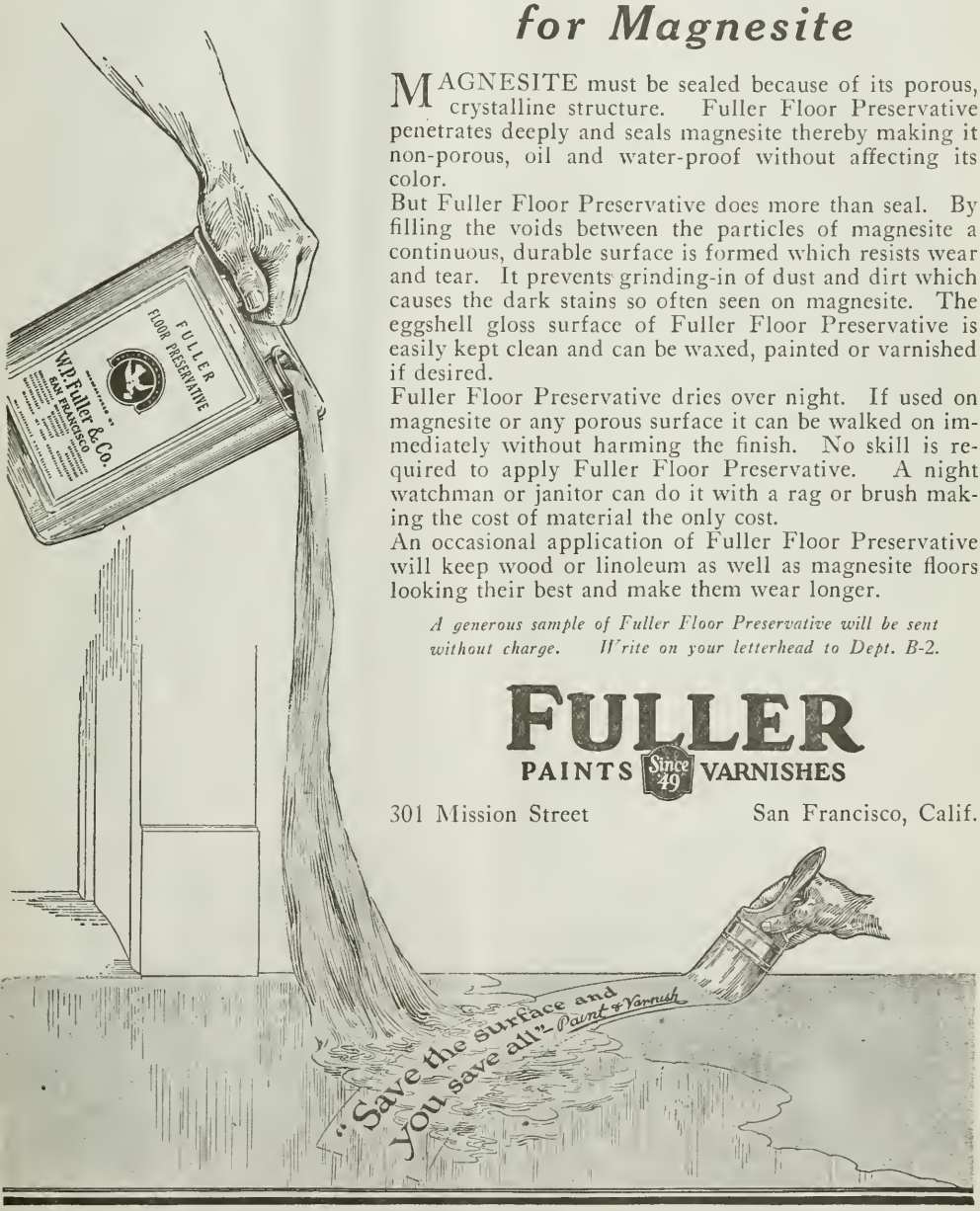
An occasional application of Fuller Floor Preservative will keep wood or linoleum as well as magnesite floors looking their best and make them wear longer.

A generous sample of Fuller Floor Preservative will be sent without charge. Write on your letterhead to Dept. B-2.

FULLER

PAINTS Since '49 **VARNISHES**

301 Mission Street San Francisco, Calif.



Leads for Business

MFRS. AGENTS—Lyon Metallic Mfg. Co., 582 Market.
MARKETS—Auditorium Market, 24 8th.
Kenney & Green (meat) 221 14th.
MEN'S FURNISHINGS—Reeds Toggery 3 Gough soon.
PAINTS — D. H. Rhoades & Co. (546 Valencia) branch 169 11th.
REAL ESTATE—Calif. Subdivision Co., 833 Market to Loew's Bldg.
Cowan Realty Co., 5745 Geary.
SEEDS — Sunset Seed & Nursery Co., 1720 Occan.
SHEET METAL WORK—Anderberg & McCaron, 1998 to 2041 Polk.
STUDIOS — John Canapa (music) 408 Columbus Ave.
TAILORS—D. S. Panker, 292 7th Ave.
Progress Tailors, 760 Market.
E. O. Breglia, 1712 Church to 437 Duboce Ave.
MISCELLANEOUS — Gaston Giraud (Commercial Attache Indo-China) French Bank Bldg.
Milk Dealers Assn. (1020 Valencia) 1095 Market.
J. L. Stuart Mfg. Co., 160 Russ.
LEASES—F Carlson to Austin Fell—1309 Solt St 1 or 2 yrs $55 per mo.
Dec. 13, 23—Thomas F. Mulcahy to John T Mee, W Leonard Mee and Gregory D Long as Water Service Co—S Clara 225 E 5th E 25 x S 80 10 yrs $7800.
LEASES—Dec 14, 23—Charles Witt and Louise Witt to R D Lang—NW Irving & 10th Ave No 900 Irving St 10 yrs $60 per mo etc.
Dec 5, 23—Eugenie M Esperance to Moskau Sato—S Filbert 162-6 E Fillmore E 24 x S 137-6 W A 323 5 yrs $3900.
ART METAL — Wrought Iron Shop (Otto Husler) 1364 Pacific.
AUTOMOTIVE—B. H. Baird (tires and accessories) 555 Van Ness Ave.
Guarantee Ford Service Co., 861 Ellis
A. & H. Vulcanizing Works (252 Hyde) 4233 Geary.
BAKERIES—B. H. Grewe, 6598 Mission
BOILED HAMS — Norton-Wolter Co., 287 12th.
BUILDING MATERIALS—San Francisco Gunite Co. (N. D. Riddle) 525 Market.
CANDY—Egyptian Candy Store, 5348 Geary.
CHOCOLATES AND COCOA — Boldemann Chocolate Co., 521 Brannan to new factory 432 Townsend.
CLEANING & DYEING—The Star, 510 Powell.
H. Posner, 38 29th.
COFFEE MILLS—A. J. Deer Co., Inc. (E. B. Beck) 17 Spear to 689 Mission.
DRAYAGE—Cartside Express Co., 1399 Haight to 975 McAllister.
DRUGS — Johnston-Jordan Pharmacy, 4701 Geary.
ELECTRICAL—W. B. Spencer (shop) 1758 Church.
FURNITURE—J. Hammeralough succeeding N. Basin, 2nd hand furniture, 750 Howard Dec. 26.
Wilson & Jansen (mattresses) 273 to 212 12th.
GROCERS—The High Grade Grocery, 1431 Clement.
HARDWARE—Joseph Haloff 1320 Fillmore.
HOTELS — Sam'l. Pagamocci buying Hotel Shannon, 356 3rd Dec. 24.
IMPORTERS — S. Sokiguchi & Co. (Eastern Trading Co.) 417 Montgomery to 153 Kearny.
INVESTMENTS—G. W. Price, 201 Sansome.
MFRS. AGENTS—Henry J. B. Colliott, Call Bldg.
Ira Glasaman Inc. & Westgate Laboratories, 172 5th to 333 5th.
MARKETS—New market opening Van Ness Ave. and Union.
Star Kosher Market, 1025 McAllister.
PRODUCE—John M. Ratto & Bro. (F. S. Eacs, W. H. Egaal) 88 Clay to 187 Drumm.
REAL ESTATE — Madden Realty Co., 639 Irving.
RESTAURANT—Swiss Restaurant, 750 Pacific.
SCHOOL BOOKS—Milton Bradley Co., 20 Second to about 540 Mission.
SECOND HAND GOODS — Esther Blumenthal succeeding Frank Rose, 746 Howard Dec. 26.
STATIONERS—Paul Bruch, 2824 California.
STUDIOS—Mrs. Edna Buckbee 533 Sutter.
TAILORS—S. Prawolski, 1020 Golden Gate Ave.
L. Hyman, 1140 Hyde.
THEATRE — Howard Theatre, 738 Howard.
MISCELLANEOUS—C. E. Hawkins, 821 Market.
J. Slaten (with N. H. Mahor) 105 Montgomery to 564 Market.
Herring & Kavanaugh, 2125 Polk.
E. B. Henry Co., 227 Stevenson to 996 Mission.
LEASES—Dec. 20, 23 — Marguerite Minjoulet to Charles and Sadie Buecheler—120 10th St 5 yrs $6000.
Dec. 18, 23—Nathaniel Thompson to Martin W Levy and Helen R Levy—346 27th Ave 1 yr with option of 1 yr more $60 per mo.
ARTISTS—Earl Godwin (advertising) 582 Market.
ANTOMOTIVE—Bearing Specialty Co., agency, 1424 Bush.
A. M. Anstead (auto repairs) 975 Geary to 1035 Post.
Guaranty Sales & Auto Rental Co., 521 Van Ness Ave.
BAKERIES—Vinjo Baking Co. (D. S. Vinjo) 361 8th.
BROKERS—E. L. Strauss (stock) 353 Bush to 409 Pine.
CANDY—Orange Sweet Shop, 483 Ellis.
CHINESE MERCHANDISE — Suey Chong Co. (curious) 415 Grant Ave.
CIGARS—W. J. O'Neill, 129 5th.
CLEANING AND DYEING—A. T. Griffin, 112 Mason.
CONTRACTORS—P. L. Burr, 430 Natoma to 549 Market.
DRYAGE — C. W. Baltic & Son, 5040 Fulton.
DRUGS—W. J. Jones, 2399 Greenwich to 3165 Steiner.
FURNITURE—Hansen Co., 2111 Market
GROCERS — Sunshine Stores, branch 5325 Sacramento.
Fred Castellitte, 1900 Greenwich.
HATS AND CAPS—United Cap Works, 1471 Eddy to 1205 Divisadero.
IMPORTERS—A. C. McCallister Co., 570 Phelan Bldg. to 601 Royal Ins. Bldg.
A. W. Young, 565 Folsom.
JEWELERS—F. B. Grism, 760 Market.
LEASES—Store 1416 Market leased
MFRS. AGENTS—Jas. J. Noble Co., 1262 Howard.
MARBLE AND GRANITE—Kisels & Dondero Marble Co., 2696 Third.
MARKETS—New St. Francis Market (John Petriat(930 Hyde.
MOTION PICTURES — Marriett Production, 252 Turk.
PUBLISHERS — Masonic World Publishing Co., Inc. (J. E. Houston) 681 Market to 785 Market.
REAL ESTATE—Guessen & Mulrihill, 1206 20th Ave.
RESTAURANT—Diller's Kosher Restaurant, 1233 Golden Gate Ave.
STEEL EQUIPMENT—E. R. Clark, Sharon Bldg to 582 Market.
STUDIOS—A. & G. Studios, 220 Post.
TAILORS — Solomon Schneck, 1597 Fulton.
THEATRES — Otto Reedeh Building, $60,000 theatre S Third N Quesada.
MISCELLANEOUS—C. O. Hall, 317 Stockton.
National Certificate Corp., Golden Gate Bldg.
Kennedy Blade Holder Co., 861 Sutter.
D. L Leahy, Call Bldg.
Construction started $225,000 tel. exchange building, Pacific Tel. & Tel. Co., SW Bush and Larkin.
Construction started on $60,000 Union High School, Durham.
Nims Pump Co. plan addition to plant at Stockton.
LEASES—Dec. 1, 1923—Stuart C Way to E. P. Richards—No. 711 47th Ave., 1 year, $75 per month.
APPRAISERS—J. A. Wright (Cargo), Dollar Bldg.
ATTORNEYS—Samuel Hamburg, 155 Montgomery to 703 Market.
BEAUTY PARLORS — Tansey Beauty Shoppe, 166 Geary.
CANDY—Orange Sweet Shop, 483 Ellis.
CHINESE MERCHANDISE—Hop Chong Co. (general), 905 Kearny.

CHIROPRACTORS — J. F. Chronister, 5153 Mission.
CLEANING AND DYEING — Salvador Kanca, 801 Cortland.
CLOTHING—H. Aband, 203 6th.
DENTISTS—Dr. S. D. Orwitz, 821 Ulloa
DRUGS—Lewin's Park-Presidio Pharmacy, 661 Clement.
ELECTRICAL—Mazda Electric Co., 2309 to 2387 Market.
FINANCE—W. R. McComb, 946 Market.
FORGE AND SPRING WORK—Depew & Arndt, 580 Fulton.
GROCERS — Timothy F. O'Brien, 108 Lundy to 207 Prospect.
HABERDASHERY — C. A. Anderson, 5410 Geary.
LEASES—Store, 1416 Market leased.
MACHINERY — Miller Saw Trimmer Co., 145 2nd to 413 Howard.
MOTION PICTURES—Marriott Productions, 242 Turk.
REAL ESTATE—Jack F. Moss Realty Co., 5808 to 5911 Geary.
RESTAURANT — Entalla Restaurant, 915 Columbus.
SECOND HAND GOODS—Esther Blumenthal succeeding Frank Rose, 746 Howard.
STUDIOS—Universal Scenic Studio, 471 Clementina.
THEATRES—Otto Roeder building $60,000 theatre S 3rd N Quesada.
MISCELLANEOUS — San Francisco Gunite Co. (H. D. Riddle), 525 Merket
New business, 901 Alexander Bldg.
Mead to open Marvin Restaurant, 24 California.
Hotel California (Mrs. R. G. Mitchell) to be ready in April, O'Farrell and Taylor.
Roos Bros. to construct $40,000 addition to store NE Market and Stockton.
LEASES—Dec. 14, 23—William R Bivens to L C Wieth—2039 Sutter St at cigar stand 4 yrs 4 mos $2200.
Nov 9, 13—Catello Pastore to Albert Weber—5957 Geary St 5 yrs $6600.
ACCOUNTANTS—F. G. Phillipps & Co. (and T. E. Atkinson), Alaska Coal Bldg. to 215 Market.
ATTORNEYS—S. B. Russell, Mills Bldg
AUTO HEADLIGHTS—Woodlite Corp., Kohl Bldg. to Mills Bldg.
AUTOMOTIVE—E. L. Trevett (garage) 2414 San Bruno Ave.
BEAUTY PARLORS — San Francisco Beauty Shops Co., 29 Mason.
CANNERIES—National Canners Assn., 112 Market.
CIGARS—Henry Mahikoa, 200 3rd.
CLEANING & DYEING — S. T. Makemura, 1408 Webster.
DRAYAGE—A. A. Arrow Express and Transfer Co., 1202 Sutter.
DRY GOODS—F. C. McInerney, 2104 Hayes.
ELECTRICAL—Keystone Electric Co., 2786 California to 1632 Divisadero.
ENGINEERS—Frank S. Sinnicks (mining) to 564 Market.
GENERAL MERCHANDISE — Oregon concern operating chain of general merchandise stores wishes to purchase from local wholesale houses.
HAIR SPECIALTIES—C. W. Tilbrook, 101 Post to 259 Geary.
Miss Russell, 358 Sutter.
HOTELS—Hotel California (Mrs. R. G. Mitchell) to be ready in April, O'Farrell and Taylor.
JEWELERS—Fred Schouten 135 Geary to 1603 Polk.
LINSEED OIL—Spencer Kellogg and sons Inc., 681 Market to 565 Folsom.
MFRS. AGENTS — Kasson-Hornbaker Co., Consular Bldg.
MARKETS — Alexandria Market (groceries and meats), $5507 Geary.
PLUMBING—G. L. Watson, 1827 Sutter.
C. F. Watson, 1912 to 1909 Divisadero
W. Auld, 209 Clement.
PRODUCE—Pennsylvania selling agt. wishes contact with California produce growers.
REAL ESTATE—W. P. Huth, 3047 Mission.
Milton Meyer Co., 25 Sutter.
RESTAURANT—Mead to open Marvin Restaurant, 24 California.
SHOES—A. Sellar & Co., (orthepedic), 948 Leavenworth.
TAILORS—Louis Wertheim, 96 McAllister.
WOODWORKING—P. Schultz, 501 4th.
MISCELLANEOUS — Economy Repair Shop, 1150 Geary.
Russian Relief Society, 1990 California.
H. V. Herndon, 1112 Market.
Langford Sales Audit Machine Co., Claus Spreckels Bldg.
Westinghouse Electric Co. erecting $300,000 three-story reinforced concrete addition to plant, Powell and 62nd Sts., Emeryville.
LEASES—Oct. 1, 23—Eugene N Fritz Jr to The Pacific Telephone & Telegraph Co—N Market bet Sansome & Montgomery No 580 Market St 2 yrs $60,000.
Oct 25, 28—H Levi & Co to Austin Manufacturing Co—SE Brannan 275 SW 3rd SW 97-6 SE 262-6 NE 99 m or 1 NW 250 to SE Brannan & point of beg. And joint use of driveway 40 x 265 extending from SE Brannan SE to Southern Pacific r of w with The Paraffine Companies Inc 10 yrs $72,000 and option to purchase.
ARCHITECTS — Henry H. Gutterson, 278 Post to 526 Powell.
ATTORNEYS—J. E. McClellan, 310 Sansome to Chronicle Bldg.
AUTOMOTIVE—R. C. Mayer Co. (accessories), 276 Golden Gate Ave. to 116 Hyde.
BEAUTY PARLORS — Mannette Shaw, 883 Bush.
BROKERS—J. C. Hall, 315 Montgomery
CIGARS—D. J. Toboni, 16 Clay.
CLEANING & DYEING—City Cleaning & Dyeing Co., 1162 Scott.
DRAYAGE — American Transfer and Storage Co., 609 Larkin to 554 Eddy.
DRUGS—Brownlee's Drug Store, 1262 Mason.
ELECTRICAL—Aetna Electric Co 2731 Pine to 1337 Webster.
ENGINEERS — Hickok & Hickok (sales), 605 Market to 459 Bryant.
FRUIT—J. Polonsky (1312 Fillmore), 1175 Market.
INVESTIGATIONS—C. V. Brown Detective Service, 793 to 821 Market.
LADIES' Apparel — Spirella Co. Inc. (corsets and garters), 1900 Eddy.
LEASES—L. C. Wieth, 2039 Sutter. Albert Weber 5957 Geary.
MACHINERY—Austin Mfg. Co., 20 Fremont to 435 Brannan.
MARKETS—Costaguta & Danz, 5008 3d
PAINTS—R. N. Nason & Co. constructing $10,000 one-story brick warehouse, 151 Potrero Ave.
PHOTOGRAPHERS — Boston Photo Shop, 1742 Divisadero.
PLUMBING—S & W Plumbing & Elec. Works, 1827 Sutter.
PRINTING—Alex Dulfer Printing Co., (560 Mission) erecting $55,000 printing plant S Howard 400 W 4th.
REAL ESTATE — A. Kennedy, 5953 Geary.
L. B. Ham, 105 Montgomery to 110 Sutter.
RESTAURANT—Marine Grill & Oyster House, 3306 Mission.
SHOW CARDS—A. Fiori, 406 Sutter.
SODA FOUNTAIN SUPPLIES—Tonkon Distributing Co. (969 Mission) to occupy $25,000. Class C building to be erected S Howard 228 W 4th in March.
TAILORS—M. Siegel, 1515 California.
MISCELLANEOUS—High Peat, 327-315 Montgomery.
P. J. Canavan, 3522 20th.
Amsterdam Food Shop, 1085 Pine.
Western Wheeled Scraper Co. agency 20 Fremont to 435 Brannan.
Growers' Security Bank, Delano, to erect $50,000 bank and theatre bldg.
MOVED—The California Door Co. (Sash, Door & Blinds) have moved from 2127 University Ave. to 1926 Shattuck Ave., Berkeley. Phone Berkeley 7900.

STEEL AND IRON EXPORTS SHOW DECREASE

October exports of iron and steel products from the United States were 154,079 gross tons, a decrease of more than 11 per cent from 173,664 tons of the exports for September and nearly 6 per cent less than the monthly average of 165,380 tons for the first 9 months of 1923. Shipments of rails and structural material, plain and fabricated, in October showed marked reductions. compared with the figures for September.

The United States imported 29,884 tons of iron and steel products during October, compared with 36,612 tons in September. Pig iron increased approximately 1000 tons and scrap showed a reduction of over 7000 tons.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Official Proposals

IDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

ALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on January 21, 1924,** at which time they will be publicly opened and read for construction in accordance with the specifications hereafter to which special reference is made, of portions of State Highway as follows:

Ventura County, between Southerly boundary and Camarillo (VI-Ven.-2-A B), about fifteen and one-tenth (15.1) miles in length; fifteen and one-tenth (15.1) miles to be graded and nine and eight-tenths (9.8) miles to be paved with Portland cement concrete.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors," annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. Morton,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: December 24, 1923.

NOTICE TO CONTRACTORS

(Tubercular Ward, Merced County)

Office of the Clerk of the Board of Supervisors,
Merced County, California.

Notice is hereby given that sealed bids for the construction of a Tubercular Ward at the Merced County Hospital will be received at the office of the Clerk of the Board of Supervisors of Merced County, at the Merced County Court House, in the City of Merced, up to **10 o'clock a. m. of Tuesday, January 8th, 1924.**

Plans and specifications for the work can be seen at the office of the County Clerk of County Surveyor or copies of same can be obtained from W. E. Bedeen, County Surveyor, upon making a deposit in the sum of $10 for each set of the plans and specifications, which will be refunded upon return of the plans and specifications in good condition.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

Each bid must be accompanied by a certified check drawn to the order of the Chairman of the Board of Supervisors of Merced County, California, amounting to 10 per cent of the bid as a guarantee that the successful bidder will within ten days after being awarded the contract enter into the necessary contract and bond to construct said Ward according to the plans and specifications.

The Board reserves the right to reject any and all bids.

P. J. THORNTON,
Clerk of the Board of Supervisors
of Merced County, California.

INVITATION FOR PROPOSALS FOR NEW LIGHTING, ETC., AT THE U. S. POST OFFICE AND COURT HOUSE, SACRAMENTO CALIF.

Office of the Supervising Superintendent, U. S. Post Office Building, San Francisco, California.

December 20, 1923

SEALED PROPOSALS will be opened in this office at **12 o'clock M., January 14th, 1924,** for New Lighting, etc., at the U. S. Post Office and Court House, Sacramento, California, in accordance with specification and drawing, copies of which may be had at this office or at the office of the Custodian, U. S. Post Office and Court House, Sacramento, California, in the discretion of the Supervising Superintendent.

WM. ARTHUR NEWMAN,
Superintendent.

NOTICE TO CONTRACTORS

State Board of Harbor Commissioners

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, December 24, 1923.

Sealed proposals or bids will be received at this office at or prior to **2 o'clock P. M., Thursday, January 10, 1924,** for furnishing materials and labor for the work of laying tile or marble floors in the first floor waiting rooms in the Ferry Building, on waterfront of the City and County of San Francisco, in accordance with plans and specifications prepared therefor by the Chief Engineer of the Board and adopted by the Board December 20, 1923, and on file in this office to which special reference is hereby made.

The work to be done under these specifications consists in furnishing all materials (except Portland cement, which will be furnished to the Contractor by the Board), and labor for the work of laying tile or marble floors in the first floor waiting rooms in the Ferry Building. The estimated area of floor to be covered is 31,700 square feet.

The Portland cement used in this work will be furnished to the Contractor by the Board. All other materials shall shall be furnished by the Contractor.

All materials used must be of the best of their respective kinds if not otherwise specified herein. All materials used in the structure will be subjected to a rigid examination and test, and if found defective, under size, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the Contractor at his expense. Materials may be rejected at any time for defects which may be disclosed, or which may develop in the course of the work, nothwithstanding any previous test or inspection, and removed by the Contractor as indicated above.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect, and shall be paid into the San Francisco Harbor Improvement Fund.

The contractor shall be required to give a bond unto the Board of State Harbor Commissioners for not less than one-half of the total amount payable by the terms of the contract, with a corporation, thereunto duly authorized by law and commonly known as a surety company, as surety (such surety company to be one of those approved by the State Board of Control, a list of these approved surety companies being on file in the office of the Secretary), and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof. Said bond shall also provide that if the contractor, person, company or corporation to whom said contract is awarded, fails to pay for any materials or supplies furnished for the performance of the work contracter to be done or for any work or labor done thereon of any kind, said surety will pay the same in an amount not exceeding the sum specified in said bond; and said bond shall also be made to inure to the benefits of material men, mechanics and laborers as provided by that certain act of the Legislature of the State of California, approved May 1, 1911 (Stats. 1911, p. 1422). Said bond must be acceptable to and approved by said Board both as to surety and form.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to 2 o'clock P. M., on Thursday, Jan. 10, 1924, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specificaions for this work to be had at Room 18, Union Depot and Ferry House, upon depositing $10.00 for same, which will be returned on return of plans and specifications.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Bidders are requested to mark envelope containing bid: "Bid for Laying Tile or Marble Floor in First Floor Waiting Rooms of the Ferry Building."

CHAS. H. SPEAR,
M. F. COCHRANE,
JOHN B. SANFORD,
Board of State Harbor Commissioners.
FRANK G. WHITE,
Chief Engineer.
J. L. PHELPS, Secretary.

NOTICE TO BIDDERS

(City of Sacramento—Cast Iron Pipe)

Bids will be received by the City Council of the City of Sacramento in the Council Chamber of the City Hall on I Street between 9 th and 10th Streets, between the hours of **8:15 and 9:15 o'clock p. m., on Thursday, January 3rd, 1924,** for the furnishing of 57,000 feet of 6 inch cast iron pipe to be used for the extension of water mains, in accordance with specifications adopted by the City Council on December 6, 1923, and now on file in the office of the City Clerk.

All proposals must comply with requirements of the City Charter of the of Sacramento, effective June 30, 1921, and bidders are hereby cautioned that no bid which fails to comply therewith can be considered.

Bids must be submitted upon printed proposal and affidavit form supplied by City Clerk, without charge, to prospective bidders.

A certified check made payable to the City Controller of the City of Sacramento as prescribed in Section 256 of said Charter for not less than five per cent (5%) of the aggregate of the proposal must accompany each bid, which must be enclosed in a sealed envelope marked "Proposal for Cast Iron Pipe," before filing with City Clerk.

The right to reject any and all bids is reserved to the City Council by provisions of said charter.

H.G.DENTON,
City Clerk of the City of Sacramento.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., Until 2 o'clock P. M., on January 14, 1924,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor which special reference is made of portions of State Highway as follows:

Monterey County, a bridge 240 feet long and 21 feet wide between curbs across San Lorenzo Creek near King City (V-Mon-2-F), consisting of three 60-foot and two 30-foot reinforced concrete girder spans supported on piers and bents, together with about two-tenths (0.2) mile of approaches to be graded.

Orange County, between Huntington Beach and Corona Del Mar (V11-Ora-60-A&B), about eight and two-tenths (8.2) miles in length; eight and two-tenths (8.2) miles to be graded and three and five-tenths (3.5) miles paved with Portland Cement Concrete.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to de done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON,
Secretary.

Dated: December 17, 1923.

BIDS WANTED FOR EXTENSION TO STOREHOUSE

NOTICE TO CONTRACTORS

SEALED PROPOSALS, indorsed "Proposals for Extension to Storehouse, Pearl Harbor, Hawaii, Specification No. 4911" will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 o'clock A. M., February 6, 1924, and then and there publicly opened, for an extension to storehouse, at the Naval Operating Base (Supply Depot), Pearl Harbor, T H. The extension will be two-story reinforced concrete, 171 feet 6 inches by 62 feet, with platform along one side and will have built-up roofing, elevator, steel sash, metal covered doors, plumbing, and electric light and power systems. Drawings and Specification No. 4911 may be obtained on application to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif. Deposit of a check or postal money order for $20, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau, November 2, 1923.

NOTICE TO BIDDERS

(Chico Union High School District)

Pursuant to a resolution of the Board of Education of the City of Chico as a High School board in and for the Chico High School District, adopted in adjourned regular session December 11, 1923, notice is hereby given that the Board will receive sealed bids until the hour of **5 o'clock p. m., of January 2, 1924,** for laying approximately 1200 lineal feet of twelve-inch concrete irrigation pipe equipped with necessary stands and gate valves, for the Chico High School District, located on Sacramento Avenue and the Esplanade, Chico, California.

All plans and specifications for such construction work may be obtained at the office of the Clerk of the High School Board of Trustees in and for Chico High School District, Municipal Building, Chico, California.

Bids must be made on proposal blanks obtained at the office of the Clerk, and said bids shall be signed by the bidder and accompanied by a certified check for at least five per cent of the amount of the bid or proposal, certified to by some responsible bank or banker and made payable to the Clerk of the High School District, or order, said certified check to be forfeited to and retained by the Chico High School District should the party or parties to whom the contract shall be awarded fail to enter into the contract after awarding, or to give bonds, as required.

Bids must be plainly marked on the exterior: Proposal for Laying Irrigation Pipe.

The successful bidder will be required upon the signing of the contract to furnish all necessary bonds for compliance with the laws of the State, both in the matter of guaranteeing the execution of the contract and in the matter of protection to material men and labor; also will be required to furnish all necessary compensation protection.

The High School Board of the Chico High School District reserves the right to reject any or all bids.

CHICO HIGH SCHOOL BOARD OF THE CHICO HIGH SCHOOL DISTRICT. By CHAS. H. CAMPER, Clerk

Hardware and implement dealers from Oregon, Washington and northern Idaho will meet in annual convention at Spokane, Wash., February 6, 7 and 8, according to announcement of Secretary E. E. Lucas of the Pacific Northwest Hardware and Implement Dealers' Association. Z. Y. Toppenish is president of the association.

Engineering News Section

BRIDGES

TEHAMA COUNTY, Cal.—Following bids rec. Dec. 24, by State Highway Commission, Forum Bldg., Sacramento, (R. M. Morton, State Highway Engineer) to const. six reinf. conc. girder bridges across Mill Race, Salt Creek, Craig Creek, Salt Creek Overflow, Butler Slough and New Creek, involv 2100 cu. yds. roadway excav. unclass.; 720 lin. ft. subgrade (preparing and shaping); 220 scu. yds. Class A concrete (roadway pavement); 880 cu. yds. A conc. (in superstructure) 535 cu. yds. A conc. in frame bents; 2700 cu. yds. excav. for bridge structures; 2600 cwts. reinf. steel. Alternative items: 132 cu. yds. A conc. in pile caps; 100 30-ft. rel inforced conc. piles; 24 34-ft. reinf. concrete piles (these items to be considered alternative items for items 5 and 6).

	Concrete Piles
T. H. & M. C. Polk, Chico	$54,904
Boardwell & Zimmerman, Napa	58,189
Rocca & Colleti, San Rafael	59,459
Lord & Bishop, Napa	61,380
J. L. Webster	67,484
Jenkins & Elkins, Sacto	86,662
Engineer's estimate	$62,184

	Frame Bents
T. H. & M. C. Polk, Chico	$53,992
McKenzie & Pollard, Gerber	$48,645
Boardwell & Zimmerman, Napa	60,397
Rocca & Colleti, San Rafael	69,794
Proctor & Cleghorn, Santa Rosa	64,048
Lord & Bishop, Napa	68,764
J. L. Webster	67,835
Skeels & Hudson, Auburn	68,081
Engnieer's estimate	62,662

FRESNO, Fresno Co., Cal. — City Commissioner of Finance, Thos. E. Risley, will introduce resolution to city commission seeking appropriatons to fnance construction of three bridges over Dry Creek. Wm. Stranahan, city engineer.

WILLOWS, Glenn Co., Cal. — Until Jan. 15, 10 a. m., bids will be rec. by W. H. Sale, county clerk, to const. rein. conc. bridge over Central Irrigation Canal on state highway, road 111-gle-7-a, at approx. Station 460 Plus. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from Bayard Knock, county surveyor.

WILLOWS, Glenn Co., Cal. — Until Jan. 15, 10 a. m., bids will be rec. by W. H. Sale, county clerk, to const. rein. conc. bridge over Central Irrigation Canal on state highway, road 111-gle-7-a, at approx. Station 29 Plus. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from Bayard Knock, county surveyor.

EUREKA, Humblodt Co., Cal.—Until Jan. 15, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to reconst. cable suspension bridge over Klamath river at Weitchpec. Spec. on file in office of clerk. A. J. Logan, county surveyor.

SEATTLE, Wash.—March 18 is date set by city council to vote bonds of $2,000,000 to finance construction of two bridges.

COMPTON, Cal.—County Flood Control Engr. J. W. Reagan has accepted plans for U. P. Ry. bridge across flood control channel north of Hill St. and S of Burnett St. This bridge will give the U. P. Ry. a direct line into the harbor from Willowville, eliminating the tracks on Ocean Blvd. The plans will probably be approved by the supervisors at once.

RIVERSIDE, Cal. — Supervisors will start preliminary surveys for bridge over the Colorado river at Blythe.

LOS ANGELES, Cal.—Until 11 a. m., Jan. 14, bids will be rec. by supervisors to const. comb. wood trestle bridge over new channel of Los Angeles river at Clara St.; will consist of eight 38-ft. spans, making a total length of 304 ft., 22 ft. wide.

DREDGING, HARBOR WORKS AND EXCAVATIONS

MONTECITO, Cal.—Bids rec. to lay pipe, includ. trenching and backfilling, for Montecito County Water Dist., were rejected. Work will probably be done by force account. Leeds & Barnard, Central Bldg., Los Angeles, consulting engineers.

LOS ANGELES, Cal.—Wm. Wrigley, Jr., owner of Catalina Island, announces he will expend $2,500,000 at los Angeles harbor and Catalina Island.

IRRIGATION PROJECTS

SANTA MARIA, Cal. — Residents of Santa Maria have raised $5000 toward a preliminary survey for the proposed $4,000,000 irrigation dist. in the Santa Maria valley. Members of the commltee are: R. E. Easton, vice-pres. of the First National bank; W. W. Stokes, pres. of the Chamber of Commerce; L. P. Scaroni, manager of the Pacific Southwest branch bank; Mayor E. B. Rubel, T. C. Asmus, A. D. Church and F. D. Baker.

MERCED, Merced Co., Cal.—Starr-Thebo-Anderton, consulting engineers, for the Merced Irrigation District, with offices in the Sharon Bldg., San Francisco, will tender their resignation to the directors of the district at once. The directors are considering several applications among which are those of John D. Galloway, of San Francisco; Geo. W. Borden, state highway engineer for Nevada; M. B. Pratt and R. V. Meikle, engineer for the Turlock Irrigation District. It is probable that Mr. Meikle will be selected for the position.

THE DALLES, Ore.—Wm. J. Roberts, irrigation engineer, Tacoma, Wash., estimates cost of North Dalles Irrigation District at $425,000. The district recently organized, will comprise approx 5000 acres. An election will be called at once to vote bonds to finance the project.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

MERCED, Merced Co., Cal. — R. C. Starrett, chief engineer, Merced Irrigation District, has resigned as has Star-Thebo-Anderton of San Francisco, consulting engineers for the district.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Until 11 a. m., Jan. 7, bids will be rec. by supervisors to const. lighting system on Washington Blvd., bet. Rimpau Ave. and east boundary of Culver City, involving 130 ornam. lighting posts, with conduits, ets., complete. County Imp. No. 80.

VENICE, Cal. — D. S. McEwan, 127 Pier Ave., Ocean Park, submitted low bid to city trustees at $17,854 to const. ornam. lighting system in Washington Blvd., bet. Westminster Ave. and Ven- $18,621.

LOS ANGELES, Cal. — Council declares inten. to const. 41 conc. ornam. lighting posts in Kenmore Ave., bet. Beverly Blvd. and Third St., with conduits, etc; 1911 act.

SAN LEANDRO, Alameda Co., Cal.—H. Frank, Hayward, at $2175 awarded cont. by city trustees to install lighting standards in portions of East Fourteenth, Hayes and Davis Sts.

LOS ANGELES, Cal.—Council declares inten. to const. under 1911 act, lighting systems in following sts.:

Topango Canyon Ave., bet. Ventura Blvd. and Ybarra Rd., etc., involv. 58 conc. ornam. lighting posts.

Canal Ave., bet. J and Anaheim Sts., involv. 20 conc. ornam. posts.

Norton Ave., bet. Beverly Blvd. and First St., involv. 13 cast iron posts.

BURLINGAME, San Mateo Co., Cal.—City trustees, J. R. Murphy, clerk, declares inten. to imp. Park Rd. and Howard Ave., by erecting electroller standards. Work will be done under 1911 Improvement Act. Protests Jan. 7. Carl Torello, city eng.

LOS ANGELES, Cal. — City Council declares inten. to const. ornam. lighting system in 6th St. bet. Grand Ave. and Figueroa St., involv. 24 cast iron posts; 1911 act.

LOS ANGELES, Cal.—C. W. Sparks, 457 S Lake St., L. A., submitted low bid to Bd. Pub. Wks. at $41,631 for const. ornam. lighting system in Jefferson St. bet. Main St. and 3.5 ft. west of Vermont Ave. Other bids were: H. H. Walker, $42,406; Newbery Electric Corp., $43,920; J. C. Rendler, Inc., $46,666.

SACRAMENTO, Cal.—H. C. Reid Co., 115 Mission St., San Francisco, at $14,-200 awarded cont. by city commissioners to install electroliers in portions of 12th street.

COMPTON, Cal.—City trustees plan to have 250 c. p. suspension type light located over every street intersection spaced according to directions of the board of trustees.

MACHINERY & EQUIPMENT

CHICO, Butte Co., Cal.—City will purchase motor truck for use of city engineer's office. F. A. Lammiman, city engineer.

MANTECA, San Joaquin Co., Cal.—South San Joaquin Irrigation District will purchase new dragline ditcher for use in district. Representatives of various companies have submitted offers.

ALHAMBRA, Cal.—Austin Western Machinery Co. awarded cont. by city trustees at $1885 to fur. 4-ton road roller.

SAN BERNARDINO, Cal—Pawling & Harnischfeger, 930 Central Bldg., L. A., awarded contr. by council at $10,767.99 for one power shovel. Other bids were: Austin Machinery Corp., $10,402; Orten & Steinbrenner, $8900; Harron, Rickard & McCone (Koehring), $11,595; Smith-Booth-Usher Co. (Thew), $11,727; Garfield & Co. (Erie oil burner), $10,950; Northwest Engineering Co., $11,294; Bucyrus Co., $13,310.

FULLERTON, Cal.—Until 7:30 p. m., Jan. 2, bids will be rec. by city trustees for one power, pickup, street sweeper. Cert. chk., 5%. F. C. Hezmalhalch, city clerk.

EUREKA, Humboldt Co., Cal.—Until Jan. 2, 8 p. m., bids will be rec. by A. Walter Kildale, city clerk, to fur. one 60 h.p. caterpillar tractor, either new or used. Further information obtainable from clerk. Harry Hannah, city clerk.

MODESTO, Stanislaus Co., Cal.—City council authorizes purchase of asphalt heater to be used in street improvements. F. W. McCarton, city eng.

LOS ANGELES, Cal.—Until 2:30 P. M., Jan. 11, bids will be rec. by harbor comm., 312 Byrne Bldg., for fur. equipment, etc., as follows:

Rail bending machine under spec. 561.
Manila rope under spec. 566.
Heavy duty portable concr. mixer under spec. 569.
Boiler plate punchings under spec. 573.
Warehouse scales under spec. 570.
Spec. on file at the office of the Secy., Guy W. Wade. Cert chk. or bond, 10% in each case.

RAILROADS

HAVRE, Montana—A. Guthrie & Co., Portland, Ore., awarded cont. by Great Northern R.R. to double track 7-mi. of railroad between Troy and Kootenai Falls.

LOS ANGELES, Cal.—Santa Fe Ry. is considering the contr. of a 200-mi. line tapping the San Juan dist., New Mexico, north of Gallup. Est. cost, $10,000,000. The purpose of the proposed road is to provide transportation for mineral products to the coast.

SACRAMENTO, Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, will erect $100,000 structure at 28th and M Sts., for machine shop and car barn quarters.

KLAMATH FALLS, Ore.—Utah Construction Co., Phelan Bldg., San Francisco, and Stewart-Welch Co., Seattle, awarded cont. by Southern Pacific Co. to const. third unit of Natron Cut-Off in Oregon. This contract covers 32-mi. of roadbed and 3700 ft. tunnel. Geo. W. Boschke, ch. eng. for S. P. R. R. Co., 65 Market St., San Francisco.

FIRE ALARM SYSTEMS

FRESNO, Fresno Co., Cal.—Thos. E. Risley, city commissioner of finance, will introduce resolution to city commission seeking appropriation to install 250 additional fire alarm boxes in addition to completion of police telegraph and flashlight system. Wm. Stranahan, city eng.

FIRE EQUIPMENT

LOS ANGELES, Cal. — Preliminary steps toward supplying fire fighting apparatus for Los Angeles county's newly created fire districts are being taken by County Fire Warden Flintham, who will have charge of the districts. The districts recently approved by the supervisors are Belvedere, Laguna, Norwalk, Palmdale, San Dimas, Santa Monica canyon, Signal Hill, La Junta, Lawndale, Lomita, Maywood Bellflower, Clearwater, La Crescenta, Hynes, Downey and Green Meadows. The approval of the proposed Sunland-Tujunga Dist was withheld, pending further investigation, owing to protests from business men and civic organizations.

HUNTINGTON BEACH, Cal. — Until 7:30 p. m., Jan. 7, bids will be rec. by city trustees to fur. city with two 40-gal. Foamite tanks or equal; 2 2½-gal. Foamite tanks or equal. Spec. in office of Fire Chief, city hall. W. R. Wright, city clerk.

RESERVOIRS AND DAMS

SEATTLE, Wash.—Jahn & Bressi, Seattle and Los Angeles, Calif., at $1,210,759 submit low bid to Bd. Wks. to construct Lake Youngs reservoir project. The bid, however, may be rejected due to the fact that the certified check of $60,000 accompanying the bid was $600 too low. The award, it is expected, will be made to the next lowest bidders, Goetz &Brennan, Seattle, at $1,226,471.

PHOENIX, Ariz.—Actual constr. on Diamond Creek dam project of Colorado river has been started with Engr. James B. Girard, of Phoenix, in charge according to an announcement of the Colorado River Engineering & Development Co. The dam, which will be the first unit of project, will develop 200,000 h.p. electrical energy; will be located on the Colorado about 100 mi. up river from Boulder Canyon dam site, and 21 mi. n. of Peach Springs. It will be 390 ft. high and will be of straight gravity section constr., of reinf. concr. anchored in the granite walls and bed of the river. The maximum depth to bed rock is 35 ft. at the pivot of the dam. The canyon at this point is 225 ft. wide at water level.

GLENDALE, Cal.—Kinne & Westerhouse, 636 H. W. Hellman Bldg., Los Angeles, submitted low bid to council to const. 15,000,000 gal. reservoir at $61,650 for grading and reinf. concrete work, and $16,540 for roofing. There were 19 bidders.

PIPE LINES, WELLS, ETC.

SANTA ANA, Cal.—National Oil Export Corp. applies to county supervisors for a franchise to const. oil pipe line to connect with a 4000-ft. loading wharf at Sunset Beach. The line will connect with Signal Hill, Santa Fe Springs and Huntington Beach fields. Edw. W. Kelly, Los Angeles, is one of the men back of the company.

SAN LUIS OBISPO, Cal.—Producers Pipe Line Co. will start work at once on 8-in. pipe line to connect the Hovey Hills field with the Sunset Station of the Union Oil Co. Est. cost, $60,000. Lafe Todd, supt. of the pipe line company.

NEWPORT BEACH, Calif. — See "Streets & Sewers," this issue. Bonds sold.

WATER WORKS

LOS ANGELES, Cal.—Haines Canyon Water Co. been authorized by the Railroad Comm. to issue $110,000 of its first mtg. 7 per cent bonds, due Dec. 1, 1943, and to use the proceeds to refund $30,000 outstanding bonds, and for extensions, improvements and betterments to applicant's plants and properties amounting to $80,000.

KELSO, Wash. — Until Jan. 2, bids will be rec. by A. J. Branscom, City Clerk, to const. pumping and water purification plant with capacity of approx. 1,000,000 gals. per 24-hrs. Further information obtainable from clerk.

SEBASTOPOL, Sonoma Co., Cal.—Until Jan. 5, bids will be rec. by Wright School District, Girault S. Wright, Clerk, Rt. 1, Santa Rosa, to install pressure water system at Wright school. Further information obtainable from clerk.

SUSANVILLE, Lassen Co., Cal.—Susanville Water Works contemplates improvements to system costing $24,000. Application has been filed with Railroad Commission seeking authority to execute mortgage to finance work.

COVINA, Cal.—Until 8 p. m., Jan. 7, bids will be rec. by city trustees to const. san. sewer system in the city, involv 6000 ft. 8-in., 3600 ft. 10-in. and 200 ft. 12-in. sewer; 49 manholes; 1 flush tank; 220 service connections. Bids will be taken on both conc. and vit. pipe and conc. or brick manholes. Plans obtainable from consulting engr. F. G. Dessery, 619 Central Bldg., L. A. A charge of $6 will be made for plans. Cert. check $300. John C. Hutchinson, city clerk.

SANTA MONICA, Cal. — City council will soon select engineer to have charge of const. on new water distributing system. H. E. Elrod and the firm of Olmsted & Gillelen are both under consideration, although other engrs. will be given a chance to present their claims.

ALHAMBRA Cal. — National Cast Iron Pipe Co. awarded contr. by city trustees for cast iron bell and spigot Class B water pipe and Class D fittings, as follows: 5148 ft. 4-in. pipe; 1164 ft. 6-in. pipe; tees, crosses, etc.

SANTA MONICA, Cal.—City commissioners vote to employ H. E. Elrod, head of a large engineering firm in Dallas, Texas, as engr. on the new $1,000,000 water works system. City Atty. Chester L. Coffin has been instructed to prepare a contract with Mr. Elrod covering all engineering fees and expenses at about 3½% of the total cost. This is exclusive of the $5000 paid to Olmsted & Gillelen for preliminary services. Work is to be started as soon as possible. Not less than 300 more inches must be furnished by next summer. It is estimated that the new distributing system and the construction of three reservoirs will take about 12 mos. to complete.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

38 Stanford San Francisco Phone Kearny 1885

PLAYGROUNDS AND PARKS

MADERA, Madera Co., Cal. — Until Jan. 10, 8 p. m., bids will be rec. by M. H. Tyrrell, clerk, Madera School District to fur. following playground apparatus:

1 set stationary circle travel rings, complete, Patterson-Williams goods;

2 Rock-A-Bye Swings, Patterson-Williams goods;

3 horizontal ladders, equipped with alumtnum bronze fittings, Patterson-Williams goods.

Further information obtainable from above.

SEWERS & STREET WORK

VENTURA COUNTY, Cal.—Until Jan. 21, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. 15.1 mi. of highway in Ventura county bet. south boundary and Camarillo; 15.1 mi. to be graded and 9.8 mi. to be paved with Port. cem. conc. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal. — Consumers Rock & Gravel Co. awarded contr. by Bd. Pub. Wks. for 24,000 tons sand at Playa Del Rey, for Secs. 4 and 5, North Outfall Sewer.

Fewel-Webb Co., Culver City, awarded contr. for 48,000 tons of sand distributed along the line of Sections 6, 7 and 8. This firm was also awarded contrs. for 34,000 tons rock at Playa Del Rey for Secs. 4 and 5; and for 69,000 tons rock distributed along the line of Secs. 6, 7 and 8.

Tropico Potteries, Inc. was awarded contr. at $184 per M for 55,000 vit. clay sewer lining blocks for Sec. 9, north outfall sewer.

LOS ANGELES, Cal.—Bid of Western Reinf. Conc. Pipe Co. for fur. concrete pipe for Sec. 9, North Outfall sewer rejected by the board of public works.

GARDEN GROVE, Cal. — Matter of formation of a sanitary dist. for the purpose of connecting that city with the joint outfall project of Fullerton and other Orange county cities, is before the county supervisors. Est. cost of Garden Grove work, $30,000.

PHOENIX, Ariz.—Until 2 p. m. Jan. 10, bids will be rec. by state highway dept., cars Graham county highway commission, Safford, to const. federal aid project No. 67 on the Geronimo-Solomonville highway, involv. approx. 7500 cu. yds. excav.; 22,000 cu. yds. borrow; 2000 cu. yds. gravel cushion; 74,000 sq. yds. paving; 1200 cu. yds. struc. conc. steel bridge, 105 ft. clear span; 2000 cu. yds. struct. excav; and other incidental items. Plans obtainable from county highway comm., Safford, upon payment of $5 to F. R. Goodman, state engr. Cert. check 5%.

SAN BERNARDINO, Cal.—Supervisors declare inten. to imp. Big Bear Boulevard under R. D. 1. No. 25, involv. grading and paving with 8-in. macad. Roadway to be graded 40 ft. wide and paved part 16-ft. and part 18-ft. wide. There will also be some cem. conc. pavement, corru. iron culverts, conc. end walls, etc. Harry Allison, clerk of the board.

LOS ANGELES, Cal.—Petitions are being circulated to pave Sunset Blvd. bet. Normandie Ave. and the west city limits with 8-in. conc. and 2-in. asph. surface.

PORTLAND, Ore.—Wm. von der Hellen, Eagle Point, Ore., at (a) $165,770 for class C concrete and (b) $165,270 for dry rubble, contractor to furnish explosives, submits low bid to Dist. Eng. U. S. Bureau of Public Roads to const. Scottsburg-Reedsport road in Suislaw Forest, Douglas, Ore. Government furnish explosives, the bid was (a) $157,770, (b) $157,270.

SEBASTOPOL, Sonoma Co., Cal. — Bids will be asked at once by city trustees to construct sewer in Dutton Ave. C. E. Mueller, city eng.

LOS ANGELES, Cal.—Until 10 a. m., Jan. 14, bids will be rec. by Bd. Pub. Wks. to imp. under 1911 act:

Beverly Blvd., bet. 201 ft. east of Juanita Ave. and Vermont Ave., involv. 57,108 sq. ft. asph. paving; 20,769 sq. ft. -in. conc. paving; 960 sq. ft. oiling and rolling; 2813 ft. curb; 11,376 sq. ft. walk; 2334 sq. ft. gutter; 1554 ft. hse. sewers; storm drain; san. sewer.

Grafton St., bet. Echo Park Ave. and Lucretia Ave., involv. 13,301 sq. ft. oiling and rolling; 988 ft. curb; 4529 sq. ft. walk; 2159 sq. ft. conc. gutter.

Separate bids to imp. under Vrooman Act, the following streets:

14th St., bet. Wilson and Alameda Sts., involving 50,658 sq. ft. oil and roll; 745 sq. ft. 6-in. conc. paving; 2356 ft. light curb; 11,074 sq. ft. walk; 6411 sq. ft. gutter.

Lucretia Ave., bet. 40 ft. s.w. of Avalon St. and Echo Park Ave., involv. 609 sq. ft. conc. paving; 31,815 sq. ft. oil and roll; 3062 ft. light curb; 13,706 sq. ft. walk; 6060 sq. ft. gutter; san. sewer.

SAN FRANCISCO — Board of Public Works completes spec. to imp. Jerrold Ave., bet. Newhall and Phelps and Phelps bet. Jerrold and Kirkwood Aves involv. 11,100 cu. yds. fill. Est. cost $8375.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Block, Santa Monica, awarded contr. by council at 18,019 to imp. 4th St. bet Central Ave. and S city limits. Grade and pave; constr. curbs and walks.

LOS ANGELES, Cal. — The $430,000 Westgate street improvement bond issue carried at the recent election. About 10 mi. of streets will be improved. The dist. is in West Los Angeles.

SAN FRANCISCO — Jas. M. Smith, Ocean Ave. and Tara St., at $30,552.50 awarded cont. by Bd. Pub. Wks. to construct Ocean View extension of municipal railway system, involv. 64,900 cu. yds. excavation, haul under 400 ft.; 188,000 cu. yds. excavation, equivalent to 100 ft. overhaul; 100 cu. yds. excavation, or embankment for culvert; 28,000 sq. yds. top soil removed, store and replaced; 70 lin. ft. 8-in. dia. No. 16 gauge pipe culverts; 200 lin. ft. 18-in. dia. No. 14 gauge pipe culverts; 155 lin. ft. 24-in. dia. No. 14 gauge pipe culverts; 50 lin. ft. 36-in. dia. No. 36 gauge pipe culverts; 50 cu. yds. conc. in headwalls, wings and aprons.

SAN FRANCISCO—Board of Public Works, completes spec. to imp. Colby St., bet. Bacon and Woolsey S.s., involv. 330 lin. ft. 8-in. ironstone pipe sewer with 26 8-in. wye branches; 460 lin. ft. 12-in. pipe sewer (portion to be encased in. rein. conc. with conc. piers); 32 12-in. wye branches; 4 br. manholes. Est. cost, $3,250.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. Ivy St., bet. Shorb Ave. and Ruoff St. under City Boundary Imp. No. 3, involv. 1480 cu. yds. excav. incl. shaping, 3578 ft. curb, 12 059 sq. ft. gutter, 6261 sq. yds. 3-in. asph. conc. base, 6261 sq. yds. 2-in. Willite plastic composition top. Est. contr. price, $19,396.50; 1911 act.

SAN FRANCISCO—Eaton & Smith Ocean and Tara Sts., at $38,667.65 awarded cont. by Bd. Pub. Wks. to imp. Wilde Ave., bet. Delea and San Bruno Aves. Project involv. 7100 cu. yds. cut, 1035 cu. yds. fill; 75 lin. ft. 12-in. sewer with 2 wye branches, 1 br. manhole, 16 br. catchbasins, 500 lin. ft. 10-in. culvert, 4388 lin. ft. conc. curb; 1610 sq. ft. art. stone walks; 19,200 sq. ft. conc. pavement and 71,225 sq. ft. asph. conc. pavement.

BURLINGAME, San Mateo Co., Cal.—City trustees, J. R. Murphy, clerk, declare inten. to imp. Broadway bet. El Camino Real and San Mateo Dr., grade; pave with 4½-in. asph. conc. with 1½-in. asph. conc. surface; conc. curbs and gutters; 4-in. ironstone lateral sewers with wyes. 1911 Act & Bond Act 1915. Protests Jan. 7. Carl Torello, city eng.

LOS ANGELES COUNTY, Cal.—State highway comm. will provide $150,000 in 1924 for building roads in the Angeles national forest. Los Angeles county will provide an equal sum, making $300,000 in all. The roads to be built will be for commercial and utilitarian purposes.

LOS ANGELES, Cal.—Geo. J. Bock, 1250 S Gramercy Pl. awarded contract by Bd. Pub. Wks. at $11,665 to imp. Park Dr., bet. Morton Ave. and 482.96 ft. north, involv. grading $4325 (lump sum); 22,160 sq. ft. conc. paving 26c ft; 2191 ft. curb 72c ft.

SAN FRANCISCO—Board of Pub. Wks. completes spec. to imp. Chilton Ave. from Bosworth St. southerly, involv. 2150 cu. yds cut; 800 lin. ft. conc. curb and 10,000 sq. ft. conc. pavement. Est. cost, $6000.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

GLENDALE, Cal.—Cornwell & Henderson, 120 S Glendale Ave., Glendale, submitted low bid to council at $8050 to pave Hill Dr. and Sycamore Canyon Rd., Involv. 75,500 sq. ft. grading 1c ft; 3150 ft. curb 50c ft.; 52,000 sq. ft. 3-in. macad. 11c ft.

Cornwall & Henderson low bidders at $13,645 to pave Watson Ct. and Elm Ave., involv. 103,900 sq. ft. grading 25c ft; 3660 ft. curb 50c ft; 4810 sq. ft. gutter 21c ft; 14,370 sq. ft. 5-in. macad. 14c ft; water pipe complete $4273; 38,700 sq. ft. 3-in. macad. 11c ft.

Charles Thompson and Charles U. Heuser, 1130 Loew State Bldg., Los Angeles, low bidder at $194,125 to pave Sycamore Canyon Rd., Lexington Dr., Verdugo Rd. and portions of other streets, involv. 758,000 sq. ft. grading 6.9c ft; 16,750 sq. ft. B curb 50c ft; 32,480 sq. ft. gutter 25c ft; 476,000 sq. ft national pavement 23c ft; 270 ft. A curb 60c ft.; culvert at Sinclair $1455; culvert at Acacia, $1780; culvert at Verdugo Rd., $100; water pipe, $12,350.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares Inten. to imp. 6th St., bet. Jackson and Taylor Sts., involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. sidewalks, curbs and gutters. 1911 Act and Bond Act 1915. Protests Jan. 14. Wm. Popp, City Eng.

SANTA MONICA, Cal.—Council declares inten. to imp. Washington Blvd. bet. Strand St. and S city limits. Grade; pave with 2-in. Warrenite-Bitul. on 3-in. asph. conc., const curb, vit. hse. sewers; 1911 act. Howard B. Carter, City Eng.

SALINAS, Monterey Co., Cal.—Until Jan. 7, 7:30 p. m., bids will be rec. by M. R. Keef, city clerk, to imp. portions of Main, involv. 110,980 sq. ft. removal of present bituminous pavement including grading; 1225 tos asph. conc. binder course; 110,980 sq. ft. Warrenite-Bit. surface pavement and portions of North Main and Market Sts.; 55,326 sq. ft. grading; 55,326 sq. ft Warrenite-Bit. surface pavement; 4365 sq. ft. Port. cem. conc. gutters; 336 lin. ft. Port. cem. conc. curbs; 500 tons base rock. 1915 Bond Act. Cert. check 10% payable to city req. Howard Cozzens, city eng.

PORTERVILLE, Tulare Co., Cal.—Valley Paving & Constr. Co., Visalia, which was awarded cont. to imp. portions of Fourth, Henrehan Sts., etc., at approximately $135,262.30 has sub-let the contract to N. M. Ball of Porterville who was next low bidder on the project at $130,879. Work consists of grading; const. conc curbs, gutters, walks and culverts; cement conc. condnit; storm water drains; pave with 5 inch hyd. concrete.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Jan. 7, bids will be rec. by council to imp. Chestnut St., bet. Mt. Vernon Ave. and Grape St., grade and pave with 4-in. conc.; const. 6-in. curb., 5-ft. walk; 1911 Act. J. H. Osborn, city clerk.

SAN ANSELMO, Marin Co., Cal. — S. P. Brownlee, San Rafael, at $1550 submits low bid to town trustees to const. cem. sidewalks in portions of Midway rd. and Maple Lane. Other bids: G. B. DeLucca, $3550; J. Ghilotti, $1915.

GLENDALE, Cal.—Cornwell & Henderson, 120 S Glendale Ave., Glendale, submitted low bid to council at $8050 to pave Hill Dr. and Sycamore Canyon Road.

Cornwell & Henderson low at $13,642 to pave Watson Ct. and Elm Ave. Other bids were: W. J. Curren, $14,889.30; E. L. Fleming, $15,052.50; Peter L. Ferry, $16,303.20.

GLENDALE, Cal.—Charles Thompson and Charles U. Heuser, 1130 Loew State Bldg., Los Angeles, submitted low bid to council at $194,124 to pave Sycamore Canyon Rd., Lexington Dr., Verdugo Rd., etc., involve. 442,636 sq. ft. 1½-in. National pavement on 4-in. asph. conc. base, and other incidental items. Other bids were: Braun, Bryant & Austin, $203,891.40; E. L. Fleming, $206,606; George R. Curtis, $210,708.70; Gibbons-Reed Co., $214,005.70.

LOS ANGELES, Cal. — Chalmers & Ford, 728 H. W. Hellman Bldg., awarded contract by Bd. Pub. Wks. at $48,495 to imp. Hi-Point St., bet. Pico and Airdrome Sts., involv. grading at $14,850.43 (lump sum); 153,194 sq. ft. oil and roll 6c ft.; 11,183 ft. curb 60c ft; 56,199 sq. ft. walk 18c ft.; 22,648 sq. ft. conc. gutter 32c ft.

C. W. Shafer, 3301 S Hill St., awarded cont. at $21,865 to imp. Armstrong Ave., bet. 130 ft n.w. from Edgewater Terrace and Ayr St., involv. grading at $4000 (lump sum); 52,516 sq. ft. cem. conc. paving 23.7c ft; 3510 sq. ft. curb 70c ft; 14,103 sq. ft. walk 21c ft.

CALIFORNIA.—R. M. Morton of the state highway comm. states that an appropriation of $5,000,000 for widening and thickening state highways will be expended during the next few months. The contracts to be advertised will include paving of some nine miles south of Sacramento on the Stockton road; paving south of Stockton in the Manteca district; rebuilding of the highway bet. Oceanside and San Diego; rebuilding of the Rincon highway in Ventura county; widening of the highway in the Calabasas section of Los Angeles county; widening and grading of the Pacific highway north of Redding, in Shasta and Siskiyou counties. Other work contemplated in number of units of the Truckee River cludes paving of 9.5 mi. of the highroute between Auburn and the Nevada state line; work on the Redwood highway north of Eureka to make a connection with the Oregon State Highway to Grants Pass, and connections with Yuma, Ariz., in Southern California. The latter work is primary construction and will be paid for from bond funds.

FRESNO, Fresno Co., Cal—City Commissioners contemplate $500,000 bond election to finance construction of storm sewer system. Wm. Stranahan, city engineer.

OROVILLE, Butte Co., Cal.—Chico Contracting Co., Chico, at $44,546 submits low bid to city trustees to pave portions of Lincoln, Oak, Pine sts., etc., involv. (a) $100 cu. yds. excavation, $1.50 cu. yd.; (b) 220 cu. yds. embankment, $1 cu. yd.; (c) 170,400 sq. ft. Warrenite-Bit. surface on 2½-in. asph. conc. base pavement, $0.215 sq. ft; (d) 1100 ft. conc. curb, $.60 ft; (e) 1100 ft. gutter $.80 ft.

Municipal Improvement Co., Oakland only other bidder at $47,322, (a) $1.50; (b) $1.50; (c) $0.23; (d) $.70; (e) $.80.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St. awarded contr. by Bd. Pub. Wks. at $12,891 to Imp. Crenshaw Blvd., bet. 8th and 9th Sts., involving grading $1350; 44,658 sq. ft. conc. paving 23.9c ft; 60 ft. curg 60c ft; 525 ft. hse sewers $1.50 ft; 370 sq. ft. bitum. base pavement 12c ft.

C. W. Shafer, 3301 S Hill St., awarded contr. at $12,181 to imp. Edgewater Terrace, bet. Ayr St. and 450 ft. south from Deane St., involv. grading $900 (lump sum); 901 sq. ft. conc. paving 30c ft.; 33,370 sq. ft. oil and roll 7c ft.; 3183 ft. curb 70c ft; 15,281 sq. ft. walk 21c ft; 6459 sq. ft. conc. gutter 32c ft; storm drain comptlee, $1150.

Geo. H. Oswald, 366 E 58th St., awarded contr. at $62,375 to Improve Lakme Ave., bet. M St. and 7.2 ft. n of Anaheim St., involv. grading $6300 (lump sum); 173,988 sq. ft. asph. paving 24c ft; 6017 ft. curb 70c ft; 30,262 sq. ft. walk 20c ft; 6742 sq. ft. conc. gutter $1.40 ft.

TURLOCK, Stanislaus Co., Cal.—City Eng. Horace Hall preparing spec. to imp. Mitchell St., bet. North Center and Canal Dr. and portions of Fifth St.

WATSONVILLE, Santa Cruz Co., Cal.—City Board of Aldermen contemplates extension of Peck St., at est. cost of $17,000. H. B. Kitchen, city eng.

LOS ANGELES, Cal.—Wm. Liddington, 420 E. 60th St., awarded contr by Bd. Pub. Wks. at $51,492.08 for improving Vernon Ave., bet. 1st alley w. from Van Ness Ave. and n. w. line of Angeles Mesa Dr., involv. grading, $4990; 166,477 sq. ft. conc. paving, 23.5c ft.; 865 sq. ft. bitum. base paving, 12c ft.; 125 ft. curb, 70c ft.; 18,410 ss. ft. walk, 18.75c ft.; reinf. conc. pipe culvert, $340; 2542 ft. hse sewers, $1.50 ft. Engr.'s est., $53,790.10. Other bids were Geo. H. Oswald, $53,884.75; Geo. R. Curtis, $53,602.73; Griffith Co., $55,584.83; Ed. Johnson & Sons, $55,829.20.

OAKLAND, Cal.—City Council, E. K. Sturgis, Clerk, declares inten. to imp. portions of Quince and Pearmain Sts., and 105th Ave., involv. grade and pave; const. curbs, gutters and walks; one culvert 1911 Act. Protests Jan. 10. W. W. Harmon, City Eng.

MERCED, Merced Co., Cal.—Merced Concrete Pipe Co., Merced, awarded cont. by city trustees to imp. alley in Block 104, Involv. grading, $.039 sq. ft.; 4-in. hyd. conc. pave. $.16 sq. ft.

LODI, San Joaquin Co., Cal.—Until Jan. 7, 8 p. m., bids will be rec. by J. F. Blakely, city clerk, to imp. Railroad Ave. and Harold St., involv. grading and paving with 2½-in. asph. conc. base with 1½-in. Warrenite-bit. surface; conc. curbs and gutters. 1911 Act & Bond Act 1915. L. F. Bartzellotti, city engineer.

SAN DIEGO, Cal. — Geo. R. Daley, 4430 Boundary St., submitted only bid to council to imp. Girard Ave. and Coast Blvd., involving 118,601 sq. ft. paving with 5-in. conc. at 28c ft.; 291.4 sq. ft. cem. conc. walk at 24c ft.; 120 ft. curb at 70c; three corru. iron culverts complete, $680; iron pipe guard railing, 336 ft. long, at $1200; miscellaneous, $225.

Geo. R. Daley, low to imp. Louisiana St., bet. Upas and Lincoln Aves., Involv. 139,576.76 sq. ft. 1½-in. asph. conc. top on 3-in. bitum. base at 18.5c ft.; seven 6-in. cem. conc. sewer laterals at $38.50 each; five 4-in. cem. conc. sewer laterals at $32.50 ea; 11.7 ft. curb at 70c ft.

Griffith Co., 25 14th St., San Diego, low to imp. 24th, 25th and B Sts., involving 253,819.66 sq. ft. 1½-in. asph. conc. paving on 2½-in. bitum. base at 16.4c ft.; 8 4-in. cem. conc. sewer laterals at $38.50 each; 746.8 lin. ft. conc. curb at 65c ft.

PASADENA, Cal.—Until 10 a. m., Jan. 2 bids will be rec. by City Clerk Chamberlain to imp. Grove St., bet. Terrace Dr. and Vernon Ave., involv. grading, paving with 2-in. oil macad; const. curb, gutter, walk. W. C. Earle, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., Jan. 7, bids will be rec. by Bd. Pub. Wks. to fur. vit. clay sewer lining blocks for Sec. 9, North Outfall sewer.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

Printing

Modern, Efficient Methods, Up-to-date Machinery and Highly Skilled Workmanship plus an Honest Desire to Please assure

Quality and Service

Telephones
Garfield
3140
3141
3142

The Mercury Press
818 Mission Street
San Francisco

SAN BERNARDINO, Cal.—City Engr. C. E. Johnson estimates cost of proposed deep sewer and enlarged E St. outfall at $68,783. Of this the deep sewer would cost $51,879.25 and the outfall $16,903.75.

RENO, Nevada. — Nevada Industrial Commission submits best bid to city council for purchase of $35,000 bond issue to finance sewer extensions. The premium offered is $1050. Harry Chism

LOS ANGELES, Cal.—Thomas Kelly & Sons, 815 S Hill St., awarded contr. by Bd. Pub. Wks. at $165,516 to const. section No. 9, of the North Outfall Sewer, using semi-elliptical type construction. Ross Constr. Co., Oschner Bldg., Sacramento, was awarded contr. for section 4, at $303,300; Callahan & Cooney, 528 Laughlin Bldg., were awarded contr. on section 6 at $298,000; Lynn S. Atkinson, Jr., Chapman Bldg., was awarded contr. on sec. 8, at $249,500.

VISALIA, Tulare Co., Cal. — Valley Paving & Const. Co., Visalia, awarded cont. by council to imp. portions of South Bridge, South Garden, South Court Sts., etc., grade (cut) $1.25 cu. yd.; grade (fill) $1.25 cu. yd.; hyd. cem. conc. walks, $.171 sq. ft.; conc. curb, $.50 lin. ft.

LOS ANGELES, Cal.—Bids rec. by Bd Pub. Wks. for crushed aggregate for Section No. 9, North Outfall Sewer, involving (a) 3700 tons sand distributed along the line of Section 9, of the north outfall sewer, and (b) 5400 tons of rock distributed along the line of Sec. 9, North Outfall Sewer, were:

American Crushed Rock Co.—(1, article (a) $1.25 per ton (plus frt. charges to be paid by city); article (b) $1.70 per ton, plus frt. charges to be paid by city.

Blue Diamond Materials Co.—1, article (a) $1.90 per ton; 2, article (b) $2.85 per ton.

Consumers Rock & Gravel Co.—1, article (a) $1.85 per ton; 2, article (b) $2.60 per ton.

Fewel-Webb Co.—1, article (a) $1.42 per ton; 2, article (b) $1.43 per ton (plus frt. charges to be paid by city from Baldwin Park to Culver City.

Wm. Radcliffe — 1, article (a) $1.70 per ton.

BAKERSFIELD, Kern Co., Cal.—W. S. Farley, consulting engineer, Monadnock Bldg., San Francisco, has completed plans for approximately $1,000,000 in highway construction in West Side Road District No. 25, Kern county. The plans embrace approx. 38-mi. of highway improvement and 6½ mi. of new road construction. Present highway will be widened from 15 to 18 ft. and surface replaced to a depth of from 4 to 6 in. The plans will come before the county supervisors at Janu-

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., submitted low bid to Bd. Pub. Wks. to imp. Alvarado St., bet. Glendale Blvd. and Ocean View Ave., involv. grading at $14,990 (lump sum); $28,574 sq. ft. asph. paving 30c ft; 447,856 sq. ft. 7-in. conc. paving 26.5c ft; 18,559 sq. ft. 6-in. conc. paving 23c ft; 8000 sq. ft. bitum. base paving 12c ft; 870 ft. curb 70c ft; 485 sq. ft. conc. gutter 32c ft.; 2412 ft. hse. sewers $1.40 ft.; storm drain, $350; san. sewer $2748.

LOS ANGELES, Cal.—Until 11 a. m., Jan. 7th, bids will be rec. by supervisors to imp. Washington Blvd., bet. Vineyard Ave. and Los Angeles city limits, under City Boundary Imp. No. 4, involv. 2316 cu. yds. excav., includ. shaping; 1798 ft. curb; 6517 sq. ft. gutter; 4235 sq. ft. walk; 5125 sq. yds. conc. base; 5126 sq. yds. asph. conc. top; 1890 ft. conc. curtain wall. Est. contr. price, $22,53355.

Separate bids to imp. Pacific Ave., Hanford Ave., Barbara, Willie, Alma and other streets in Tract No. 4224, approx. 24,978 lin. ft., under County Imp. No. 38, involv. 69,422 cu. yds. excav. including shaping; 25,791 lin. ft. conc. curb; 104,066 sq. ft. walk; 452,000 sq. ft. oil and screenings wearing surface. Average haul 4 mi.

Separate bids for imp. work in Rd. Imp. Dist. No. 181, Las Flores Canyon Rd and Hume Rd., 21,418 lin. ft. or 4.06 mi. (graded roadway 16 ft. wide, rolled and oiled), involv. 91,600 cu. yds. earth excav.; 21,418 lin. ft. shaping roadbed; clearing and grubbing; 38,076 sq. yds. oil and sand surface; 154 ft. 12-in., 35 ft. 18-in., 155 ft. 24-in. and 75 ft. 36-in. corru. iron pipe culvert. Est. contr. price, $65,876.

OREGON—Until Jan. 8, 2 p. m., bids will be rec. by State Highway Commission, 520 Multnomah County Courthouse, Portland, Ore., for following projects:

Coos County: Coquille-Bandon Section of Roosevelt Coast Highway 16.9 mi. of broken stone or crushed gravel surfacing involv. 39,500 cu. yds. of surfacing materials.

Coos County: Coquille-Bandon Section of the Roosevelt Coast Highway, approx. 1200 lin. ft. of standard timber trestle const. near Coquille.

Umatilla County: Umatilla-Echo Section of the Columbia River Highway, 22.7 mi. of broken stone or crushed gravel resurfacing involv. 34,000 cu yds of surfacing materials.

Roy A. Klein, state highway engr.

NEWPORT BEACH, Cal.—District Bond Co. purchases Balboa Island sewer system bond issue of $145,000 also $13,000 pipe line issue. Both issues are at 6%. They were voted by improvement Dist. No. 3.

FRESNO, Fresno Co., Cal.—Until Jan 10, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk, to imp. (Res. of Int. No. 7-D), Lewis Ave., bet. Fresno and Blackstone, involving grade and pave with 1½-in. asph. conc. top course with liquid asph. and rock screenings surface; conc. curbs, gutters and walks; corru. metal culverts with manholes. 1911 act. Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

LONG BEACH, Cal.—Until 9:30 a. m., Jan. 8th, bids will be rec. by council to const. sewer in 12th St., bet. Pacific and Cedar Aves., etc., involv. cem. conc. and reinf. conc. pipe of from 10-in. to 36-in., catchbasins, etc.; 1911 act. R. D. Van Alstine, city engr.

SANTA ANA, Cal.—B. R. Ford, 407 W. 17 St., Santa Ana, awarded contr. by supervisors at $14,081 to resurface Edinger St, bet. Bristol St. and Greenville Rd., involv. 1550 cu. yds. concr.; 50,000 lbs. steel; 1000 sq. ft. removing old pavement; 650 cu. yds. gravel shoulders. County furnishes cement additional; est. value, $6858.

LONG BEACH, Cal.—Until 9:30 A. M., Jan. 8th, bids will be rec. by council to imp. Parker Ave., bet. Ocean and Seaside Blvds., by constructing cem. curb and walks; 1911 act.

Alamitos Ave., bet. Ocean Blvd. and 850 ft. east, and portions of about 12 other streets, involving cem. concr. curb, cem. concr. walk, gutter; 6-in. vit. clay pipe drain, grading and paving with 4-in. asph. macad.; 1911 act.

Sixth St., bet Grand and Termino Aves., by constructing Class B curb and cem. concr. walks; 1911 act. R. D. Van Alstine, city engr.

OROVILLE, Butte Co., Cal.—City trustees reject bids rec. to pave portions of Lincoln, Oak, Pine Sts., etc. Bids were:

Chico Contracting Co., Chico, $44,546, involv. (a) 100 cu. yds. excavation, $1.50 cu. yd.; (b) 220 cu. yds. embankment, $1 cu yd.; (c) 170,400 sq. ft. Warrenite-Bit surface on 2½-in. asph. conc. base pavement, $0.215 sq. ft.; (d) 1100 ft. conc. curb, $.60 ft.; (e) 1100 ft. gutter, $.80 ft.

Municipal Improvement Co., Oakland only other bidder at $47,322, (a) $1.50; (b) $1.50; (c) $0.23; (d) $.70; (e) $.80. S. J. Norris, City Eng

STOCKTON, San Joaquin Co., Cal.—Cy Moreing & Sons, street paving contractors, Commercial Savings & Bank Bldg., Stockton, will open up a new addition just west of Oxford street adjoining Yosemite Lake. Grades are being established by the city engineer's office preliminary to starting street paving, to be done by the owners, at an approximate cost of $200,000. Streets will be 60 ft. wide.

OAKLAND, Cal. — Oakland Sewer Const. Co., 1003 85th Ave., Oakland, awarded cont. by council to imp. portions of Taft Ave., involv. const. vit. pipe sewers, 18-in., $2.50 lin ft.; 16-in., $1.90 lin. ft.; 14-in. $1 lin. ft.; catchbsains, $75 ea.; br. junction chamber, $25 ea.

HUNTINGTON PARK, Cal — City trustees plan to resurface Pacific Blvd. City Attorney Thompson and City Engineer Howard McCurdy, P. E. Bldg., Los Angeles, instructed to prepare papers for proceedings; imp. will extend from Slauson Ave. to Florence Ave.

MODESTO, Stanislaus Co., Cal.—City Eng. F. W. McCarton preparing estimates of cost to construct storm sewer in Jones street, bet. Kimble and McHenry Sts.

SANTA ANA, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, awarded contr. by supervisors at $11,958 to imp. Yorba bridge road, involv. 600 cu. yds. excav.; 2700 lin. ft. shaping; 48,600 sq. ft. 5-in. asph. concr. paving; 1500 cu. yds. gravel and shoulders. County furnishes 1500 cu. yds. gravel for subbase of est. value, $1500, additional to above bid.

Basich Bros., 2103 W. 28th St., Los Angeles, awarded cont. at $43,295 to imp. Orange and Olive Aves., involving 5000 cu yds. concr.; 175,000 lbs. steel; 2000 sq. ft. removing old pavement; 2000 cu. yds. gravel for shoulders. Other bids were: Griffith Co., $44,463; Fleming Constr. Co., $44,827; Wells & Bressler, $45,300; B. F. Ford, $48,390. County furnishes cement additional; est. value, $22,257.

VAN NUYS, Cal.—City Council plans two depressed streets, one in the west side and one in the east side of town, as the most feasible flood control method. The county has appropriated between $200,000 and $300,000 for flood control work and this would be available for the depressing and paving of these two streets. Kester and Tryone Aves. are the streets proposed to be utilized in this manner. Control gates would be located at the head of each street. The average depression planned is 2.5 ft.

VAN NUYS, Cal.—City council orders paving of Oxnard St., bet. Sherman Way and Woodman Ave. with 6-in. cem. concr., 20 ft. wide.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. 24 VAN NESS AVENUE
Junction Valencia Phone Market 8926 Near Market

Architects—Engineers—City and County Officials

How about bids wanted?

Are you satisfied with the bids you received on that last job?

Did you have competition—and plenty of it? If not—why not?

Without charge the BUILDING & ENGINEERING NEWS will place your job before the construction interests of the Pacific Coast. That means competition and—competition means the lowest possible bid.

If you want competition send particulars of your job to BUILDING & ENGINEERING NEWS—also a set of plans and specifications.

Reach the *Independent Bidder* through the columns of BUILDING & ENGINEERING NEWS

The combined news services of BUILDING & ENGINEERING NEWS have a circulation of

2804

—reaching the Engineer, Contractor and Material Dealer.

Can you reach one quarter the amount of interested people through any other news service published in this section? We think not—in fact, we know you cannot.

If you want *competition*—if you want *independent* contractors to figure your job—if you want the *lowest possible bid*—send particulars of your project to

Building & Engineering News

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4674	Anderson	Owner	11600
4675	Powell	Kronquist	6000
4676	Hedburg	Owner	1700
4677	City	Cox	4000
4678	Owl	Duval	2000
4679	Props	Owner	90000
4680	Atlas	Owner	3000
4681	Anderson	Meyer	7336
4682	Pander	Putram	8580
4683	De Martini	Pagano	16460
4684	McCarthy	Arnott	3000
4685	Johnson	Owner	2500
4686	Lewns	Meyer	6000
4687	Paratore	Owner	8000
4688	O'Brien	Kiernan	10000
4689	Leahy	Diestel	5000
4690	Tobin	McCauley	6500
4691	Pottet	Fassla	5200
4692	Same	Badt	1100
3693	S. P. Co.	Barrett	4730
4694	Lewis	Meyer	7760
4695	Ellingson	Owner	3000
4696	Union	Owner	2000
4697	Bancroft	Chase	3000
4698	Saari	Owner	3500
4699	Ellingson	Owner	9000
4700	Tyroler	Botman	7350
4701	R C Archbishop	Lynch	13350
4702	Burns	Owner	4000
4703	Cutter	Owner	3000
4704	Johnson	Owner	4000
4705	Warden	Owner	17000
4706	Henery	Stevenson	4000
4707	Simon	Owner	7000
4708	Helgesson	Owner	3000
4709	Warden	Owner	17000
4710	Price	Owner	4000
4711	Sellman	Thomas	1000
4712	Moran	Mattock	2830
4713	Same	Pinkerton	1685
4714	Burns	Owner	4000
4715	Phelan	Owner	8000
4716	Nason	Rainey	10000
4717	Neuraumont	Harder	12000
4718	Ozanic	Owner	3750
4719	Lewis	Schwarz	2500
4720	Hirschfeld	Schwarz	3000
4721	Sullivan	Wagner	23000
4722	Lally	Mitchell	13500
4723	Delucchi	Carrara	14000
4724	Crane	Mallott	1592
4725	Dickson	Carlson	1600
4726	Dulfer	Barrett	54000
4727	Silverstein	Neish	3685
4728	Same	Same	3965

DWELLINGS
(4674) E THIRTY-THIRD AVE 200 and 225 N Cabrillo. Two two-story and basement frame dwellings.
Owner—A. V. Anderson, 623 21st Ave., San Francisco.
Architect—None $5800 ea

DWELLINGS
(4675) W MAYNARD 150 AND 200 N Congdon. Two one-story and basement frame dwellings.
Owner—William Powell, 158 Maynard St., San Francisco.
Architect—A. J. Kronquist, 725 Elizabeth St., San Francisco.
Contractor—Kronquist & Jacobsen, 725 Elizabeth St., San Francisco. $3000 each

DWELLING
(4626) S STATE 828 E Levant. Two-story and basement frame dwlg.
Owner—Alfred Hedburg, 3 Ord St., San Francisco.
Architect—None. $1700

DWELLING
(4677) NE FIFTH AVE AND KIRKham. Two-story and basement frame dwelling.
Owner—City Realty Co., 46 Kearny St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $4000

ALTERATIONS
(4678) NO. 778 MARKET. Rebuild store front.
Owner—The Owl Drug Co., 611 Mission St., San Francisco.
Architect—None.
Contractor—Oliver Duval & Son, Daziel Bldg., Oakland. $2000

APARTMENTS
(4679) NW FRANKLIN & SACRAmento. Four-story and basement reinforced concrete (18) apartments.
Owner—W. Props.
Architect—E. H Denke, 1317 Hyde St., San Francisco. $90,000

DWELLING
(4680) S ROLPH 75 E Seville. One-story and basement frame dwelling.
Owner—Atlas Home Builders, 4539 Mission St., San Francisco.
Architect—None. $3000

BUNGALOWS
(4681) E FORTY-SEVENTH AVE 275 S Cabrillo S 50xE 120. All work for two one-story and basement bungalows.
Owner—Jonathan Anderson, 423 16th Ave., San Francisco.
Architect—None.
Contracter—Meyer Bros., 603 First National Bank Bldg., S. F.
Filed Dec. 20, '23. Dated Nov. 28, '23.
Side and roof sheathing on....$1834
Brown coated 1834
Completed and accepted..... 1834
Usual 35 days..... 1834
TOTAL COST, $7336
Bond, none. Limit, forfeit, plans and specifications, none.

RESIDENCE
(4682) — PORTOLA DRIVE 178 E San Anselmo Ave, St. Francis Wood All work for frame residence and garage.
Owner—Ezekiel and Julia K. Pander, 3518 Sacramento St., S. F.
Architect—Norberg & Hayne, Balboa Bldg., San Francisco.
Contractor—H. H. Putnam, 2508 Easton Drive, Burlingame.
Filed Dec. 20, '23. Dated Dec. 10, '23.
Frame completed 25%
Plastering completed 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, $8580
Bond, $4290. Sureties, Royal Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(4683) W MASON 34-4½ N Green N 34-4½xW 48. All work except lighting fixtures and shades for three-story and basement frame (3) flats.
Owner—Jos. De Martini, 1836 Mason St., San Francisco.
Architect — Paul F. De Martini, 946 Broadway, San Francisco.
Contracter—E. Pagano, 837-A Union St., San Francisco.
Filed Dec. 20, '23. Dated Dec. 18, '23.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Frame up $4100
Brown coated 4100
Completed and accepted..... 4130
Usual 35 days..... 4130
TOTAL COST, $16,460
Bond, $8250. Sureties, G. Molinari and Natale Capitle. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(4684) E FAXON AVE 125 S De Montford Ave S 25xE 112-6. All work for one-story 4-room bungalow.
Owner—John McCarthy.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Dec. 20, '23. Dated Dec. 15, '23.
20 days after frame up..... 25%
20 days after brown coated... 25%
30 days after comp. and accpt. 25%
30 days..... 25%
TOTAL COST, $3000
Bond, none. Limit, 90 days. Forfeit, $1. Plans and specifications filed.

DWELLING
(4685) E GATES 150 S Eugenia. One-story and basement frame dwlg.
Owner—Gus Johnson, 3870 22nd St., San Francisco.
Architect—None. $2500

DWELLINGS
(4686) E OCTAVIA 92-6 and 115 S McAllister. Two one-story and basement frame dwellings.
Owner—E. Lewis, 334 6th St., San Francisco.
Architect — Mel. J. Schwartz, Nevada Bank Bldg., San Francisco.
Contractor—Meyer Bros., 1st National Bank Bldg., S. F. $3000 each

FRAME FLATS
(4687) S BROADWAY 117 W Leavenworth. Two-story and basement frame (2) flats.
Owner—R. Paratore, 4261 23rd St., San Francisco.
Architect—Albert J. Fabre and Ernest Hildebrand, 110 Sutter St., San Francisco. $8000

ALTERATIONS
(4688) SE FILLMORE AND POST. After store fronts; make provision for additional store; re-arrange interior.
Owner—R. J. O'Brien, Alexander Bldg., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Contractor—Kiernan & O'Brien, Alexander Bldg., S. F. $10,000

ALTERATIONS
(4689) N EDDY 68.9 E Mason. Remove 3 gallery boxes and replace with single box; cut in exit door; restore stage floor for theatre.
Owner—Wm. H. Leahy, 1104 Nevada Bank Bldg., San Francisco.
Architect—Matthew O'Brien, 1104 Nev. Bank Bldg., San Francisco.
Contractor—Diestel & Vezina, 248 Russ Bldg., San Francisco. $5000

DWELLING
(4690) LOT 23 BLK 2975 Claremont Court. All work for frame dwelling.
Owner—Rita L. and Robb D. Tobin, 314 Willard St., San Francisco.
Architect—Arthur C. Griewank, Call Bldg., San Francisco.
Contractor—McCauley & Weber, 1152 Shotwell St., San Francisco.
Filed Dec. 21, '23. Dated Nov. 9, '23.
On signing contract.....$ 660
Enclosed 1460
Brown coated 1460
Completed 1460
Usual 35 days..... 1460
TOTAL COST, $6500
Bond, $3250. Surety, Maryland Casualty Co. Limit, 120 days. Forfeit, $1.50 Plans and specifications sled.

LOFT BLDG.
(4691) NW FOLSOM 250 NE Ninth NE 25xNW 90. Framing, concrete work, dampproofing, cement floors for two-story reinforced concrete loft building.
Owner—Mrs. Olga H. Pottet.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor—V. Fassio (as Mission Concrete Co.)
Filed Dec. 21, '23. Dated Dec. 15, '23.
Concrete poured to 2d floor line.$1950
Completed and accepted..... 1950
Usual 35 days 1300
TOTAL COST, $5200
Bond, none. Limit, 50 days. Forfeit, none. Plans and specifications filed.

(4692) REINFORCING STEEL ON above.
Contractor—Badt Falk & Co.
Filed Dec. 21, '23. Dated Dec. 15, '23.
Completed and accepted.....$825
Usual 35 days..... 275
TOTAL COST, $1100
Bond, none. Limit, 50 days. Forfeit, none. Plans and specifications filed.

AWNING
(4693) N CHANNEL bet. Third and Fourth Sts. All work for steel frame awning of Channel Street warehouse.
Southern Pacific Co., S. P. Bldg., 65 Market St., San Francisco.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Dec. 21, '23. Dated Dec. 17, '23.
At close of each month..... 75%
Usual 35 days 25%
TOTAL COST, $4730
Bond, $4730. Surety, Fidelity & Deposit Co. of Maryland. Limit, 36 days. Forfeitfi none. Plans and specifications filed.

BUNGALOWS
(4694) E OCTAVIA 92-6 S McAllister S 45xE 75. All work for two one-story and basement bungalows.
Owner—Edward and Henrietta Lewis, 432 6th St., San Francisco.
Architect—Mel I Schwartz, Nevada Bk. Bldg., San Francisco.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed Dec. 21, '23. Dated Dec. 19, '23.
Side & roof sheathing in place.$1930
Brown coated 1930
Completed and accepted..... 1930
Usual 35 days..... 1930
TOTAL COST, $7720
Bond, $7720. Surety, Indemnity Insurance Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(4695) W SEVENTEENTH AVE 75 N Irving. One-story and basement frame dwelling.
Owner — E. Ellingson, 180 Jessie St., San Francisco.
Architect—None. $3000

STATION
(4696) SW COLUMBUS AND NORTH Point. One-story steel auto supply station.
Owner — Union Oil Co. of Calif., 287 Mills Bldg., San Francisco.
Plans by Owner. $2000

ALTERATIONS
(4697) NO 200 McALLISTER. Excavate 8 ft. for vault; reinforced concrete slab, columns and beams; construct retaining wall.
Owner—Bancroft-Whitney Co., Prem.
Architect—None.
Contractor—S. A. Chase, 80 Douglas St., San Francisco. $3000

DWELLING
(4698) E GIRARD 100 N Wayland. One-story and basement frame dwelling.
Owner—S. Saari, 155 Brussels St., San Francisco.
Architect—None. $3500

FRAME FLATS
(4699) E EUREKA 190 S Nineteenth. Two-story and basement frame (2) flats.
Owner — E. Ellingson, 180 Jessie St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $9000

FOUNDRY
(4700) W CLEVELAND AND SHERman NW 50xSW 75. All work for on-story reinforced concrete foundry building.
Owner—Oscar and Andy Tyroler, 969 Hayes St., San Francisco.
Architect — Charles F. Strothoff, 2274 15th St., San Francisco.
Contractor—John Botman, 1213-B York St., San Francisco.
Filed Dec. 22, '23. Dated Dec. 20, '23.
Ready to pour concrete.....$1837.50
Roof on and sash glazed..... 1837.50
Completed and accepted.... 1837.50
Usual 35 days..... 1837.56
TOTAL COST, $7350.00
Bond, $3675. Surety, United States Fidelity & Guaranty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

EXCAVATING, ETC.
(4701) N GEARY bet. Eighth and Ninth Aves. Excavating and concrete work for Star of the Sea Rectory.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—John O. Lofquist, 1399 Tamalpais St., Berkeley.
Contractor—Andrew Lynch, 180 Jessie St., San Francisco.
Filed Dec 22, '23. Dated Dec. 22, '23.
On 1st of each month..... 75%
Usual 35 days 25%
TOTAL COST, $13,350
Bond, $13,350. Surety, Fidelity & Deposit Co. of Maryland. Limitfi as fast as possible. Forfeit, none. Plans and specifications filed.

DWELLING
(4702) W FORTIETH AVE 300 S Balboa. One-story and basement frame dwelling.
Owner—John Burns, 2614 McAllister St., San Francisco.
Plans by Owner. $4000

RESIDENCE
(4703) E CORDOVA 50 N Athens. One-story and basement frame residence.
Owner—H. Cutter, 171 Newton St., San Francisco.
Architect—None. $3000

DWELLING
(4704) W FAXON AVE 175 S Holloway. One-story and basement frame dwelling.
Owner—Johnson & Eriendson, 1565 Jackson St., San Francisco.
Architect—None. $4000

APARTMENTS
(4705) NW JUDAH AND NINTH AVE. Two-story and basement frame (10) apartments.
Owner—Fred Warden, 1515 11th Ave., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $17,000

DWELLING
(4706) W TWENTIETH AVE 200 S Santiago. One-story and basement frame dwelling.
Owner—E. G. Henry, 275 San Jose Ave., San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco. $4000

ALTERATIONS
(4707) NO. 989 MARKET. Construct steel frame and fireproof lunch room and roof garden.
Owner—Simon Millinary Co., % Architect.
Architect—Bernard J. Joseph, 74 New Montgomery St., S. F. $7000

DWELLING
(4708) N TWENTY-SEVENTH 265 W Sanchez. One-story and basement frame dwelling.
Owner—Roy A. Helgesson, 450 27th St., San Francisco.
Architect—None. $3000

APARTMENTS
(4709) NW NINTH AVE & JUDAH. Two-story and basement frame (10) apartments.
Owner—Fred Warden, 1515 11th Ave., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $17,000

SHOP
(4710) SE HARRISON AND HARriett. One-story reinforced concrete Class C shop.
Owner—Merton J. Price, 850 Pacific Bldg., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco. $4000

FRAME FLATS
(4711) N BALBOA 77-6 E Sixteenth Ave E 25xN 100 O L 298. All work except hardwood floors for two-story frame flats.

Owner—Ivar D. Sellman.
Architect—None.
Contractor—John C. Thomas.
Filed Dec. 24, '23. Dated ——.
Frame up $2500
Brown coated 2500
Completed and accepted..... 2500
Usual 35 days..... 2500
TOTAL COST, $10000
Bond, none. Limit, 90 days. Forfeit, plans and specifications none.

ALTERATIONS
(4712) S PACIFIC 180 E Laural E 42-6xS 127-8¾. All work for alterations and additions to two-story frame building.
Owner—Nathan Moran, Hearst Bldg., San Francisco.
Architect — Nathaniel Blaisdell, 255 California St., San Francisco.
Contractor—A. F. Mattock and A. H. Feasey, 251 Kearny St., S F.
Filed Dec. 24, '23. Dated Dec. 17, '23.
Concrete work completed and partitions ready for plaster..$1060
Completed and accepted..... 1062
Usual 35 days..... 708
TOTAL COST, $2830
Bond, $1415. Sureties, Clemence B. Feasey and Louis Figeac. Limit, 10 days. Forfeit, none. Plans and specifications filed.

(1713) HOT WATED HEATING SYSTEM on above.
Contractor—James H. Pinkerton, 927 Howard St., San Francisco.
Filed Dec. 24, '23. Dated Dec. 18, '23.
Roughing in completed.....$639
Completde and accepted..... 632
Uscual 35 days.....
TOTAL COST, $1685
Bond, $843. Sureties, Frank H. Stauffacher and Thos. S. Steele. Limit, 30 days. Forfeit, $10. Plans and specifications filed.

DWELLING
(4714) W FORTIETH AVE 300 S Balboa. One-story and basement frame dwelling.
Owner — John Burns, 2614 McAllister St., San Francisco.
Plans by Owner. $4000

FRAME FLATS
(4715) W SECOND AVE 58 S Cabrillo. Two-story and basement frame (4) flats.
Owner—P. J. Phelan, 519 14th St., San Francisco.
Architect—None. $3600

STORAGE BLDG.
(4716) SAN BRUNO AVE. near 15th St. One-story brick storage bldg.
Owner—R. Nason, Potrero Ave. near 15th St., San Francisco.
Architect—None.
Contractor—W. A. Rainey, 180 Jessie St., San Francisco. $10,000

FRAME FLATS
(4717) S FRANCISCO 112-6 E Gough. Two-story and basement frame (2) flats.
Owner—J. R. Neuraumont, 345 Battery St., San Francisco.
Architect—None.
Contractor—John Harder, 870 39th Ave., San Francisco. $12,000

DWELLING
(4718) W NINETEENTH AVE 76 S Judah. One-story and basement frame dwelling.
Owner—Jacob Ozanic, 1800 O'Farrell St., San Francisco.
Architect—H. C. Baumann, 251 Kearny St., San Francisco. $3750

WAREHOUSE
(4719) E ELEVENTH 175 N Mission. One and one-half-story brick warehouse.
Owner—C. and H. Lewis, 342 6th St., San Francisco.
Architect—None.
Contractor — Chas. Schwarz, 1444-A Hyde St., San Francisco. $3500

WAREHOUSE
(4720) E FOURTH 55 N Stillman. One etory brick warehouse.
Owner—Hirschfeld & Harms, 245 Montgomery St., San Francisco.
Architect—None.
Contractor — Chas. Schwarz, 1444-A Hyde St., San Francisco. $3000

STORES AND WAREHOUSE.
(4721) S HOWARD 328' 4" W 4th. Two-story and basement Class C stores and warehouse.
Owner—Walter H. Sullivan, Inc, Alexander Bldg., San Francisco.
Architect—None.
Contractor—George Wagner, 181 South Park, San Francisco. $23000

DWELLINGS.
(4722) W POTRERO AVE., 154 179 204 S 19th. Three 1-story and basement frame dwellings.
Owner—Peter W. Lally, 1386 Utah St., San Francisco.
Architect—None.
Contractor—C. Mitchell, 1384 Utah St., San Francisco. $4500 each.

FLATS.
(4723) E SAN JOSE AVE., 227' 6" N 26th. Two-story and basement frame (4) flats.
Owner—John J. Delucchi, 14 Eugenia Ave., San Francisco.
Architect—None.
Contractor—J. Carrara, 780 Felton St., San Francisco. $14000

TILE WORK
(4724) NE NEW MONTGOMERY AND Jessie. All tile work for Exhibit Bath Rooms in Sharon Building.
Owner—Crane Co., 301 Brannan St., San Francisco.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Mallott & Peterson, 2412 Harrison St., San Francisco.
Filed Dec. 26, '23. Dated Dec. 6, '23.
40% of total when 50% completed
35% of total when 75% completed
Usual 35 days..... 25%
TOTAL COST, $1592
Bond, $796. Surety, New Amsterdam Casualty Co. Limit, 60 days after Dec. 8, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
(4725) E BENNINGTON 25' from Hyland Ave. All work for one-story and basement frame residence.
Owner—Mary R. and D. M. Dickson, 333 Cortland Ave., San Francisco.
Architect—C. J. Carlson.
Contractor—C. J. Carlson, 334 Richland Ave., San Francisco.
Filed Dec. 26, '23. Dated Dec. 18, '23.
Frame up $1150
Rough plaster on..... 1150
Completed 1150
Completed and accepted..... 1150
Uusal 35 days..... 1150
TOTAL COST, $4600
Bond, none. Limit, Mar. 26, 1924. Forfeit, none. Plans and specifications filed.

BUILDING
(4726) S HOWARD 400 W 4th S 85 E 45 S 70 W 95 N 155 E 50. All work for 2-story and basement concrete building.
Owner—Alexander Dulfer, 660 Mission St., San Francisco.
Engineer—R. W. Jenkins, 918 Harrison St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Dec. 26, 1923. Dated Oct. 24, 1923.
Excavation completed $4000
2nd floor concrete in 10,000
Roof concrete in place 10,000
Finished on roof 4000
Completed and accepted 2500
Usual 35 days 13,500
TOTAL COST, $54,000
Bond, $54,000; Sureties, Albert Lachman & Jas. T. Casey; forfeit, Limit, none; Plans and specifications filed.

BUILDING
(4727) SE FELTON 25 SW Brussels SW 25 x SE 100 Ptn Blk 18 University Md. All work for building.
Owner — Louis Silverstein, 2471 San Bruno, San Francisco.
Architect—None.
Contractor—James G. Neish, 726 Sunnydale Ave., San Francisco.
Filed Dec. 26, 1923. Dated Dec. 19, 1923.
Roof on $921.25
Brown coated 921.25
Completed and accepted 921.25
Usual 35 days 921.25
TOTAL COST, $3685
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

BUILDING
(4728) S BRUSSELS & FELTON SW 25 x SE 100 Ptn Blk 18 University Md. All work for building.
Owner — Louis Silverstein, 2471 San Bruno, San Francisco.
Architect—None.
Contractor—James G. Neish, 726 Sunnydale Ave., San Francisco.
Filed Dec. 26, 1923. Dated Dec. 19, 1923.
Roof on $991.25
Roof on 991.25
Completed and accepted 991.25
Usual 35 days 991.25
TOTAL COST, $3965
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Dec 20, 1923—S GILBERT 67-6 E Franklin E 32-6xS 102-8. St. Francis Realty Co to whom it may concern.....Dec. 18, 1923

Dec. 20, 1923—S BRANNAN 137-6 E Third. S F Warehouse Co to McIntosh Bros.....Dec. 10, 1923

Dec. 20, 1923—E BRODERICK 60 S Greenwich S 27-6xE 87-6. Fred E and Hazel M Wilhelm to John C Thomas.....Dec. 19, 1923

Dec. 20, 1923—SW SUTTER & LEAVenworth 50 on Sutter and 80 on Leavenworth L B Ham to whom it may concern.....Dec. 18, 1923

Dec. 20, 1923—SW FOURTEENTH and Sanchez S 105xW 55. A Ernest John to whom it may concern... .....Dec. 17, 1923

Dec. 20, 1923—E FIFTEENTH AVE 140 S Judah S 25 E 90-1½ m or 1 N 9¼ W 25-1½ m or 1 W 87-10½ m or 1. Raymond I Lang Sr and Anita A Lang to Thos F Mitchell. .....Dec. 20, 1923

Dec. 20, 1923—LOT 25 x 86on E Peru 75 N Madrid. Alfred J Kronquist to whom it may concern... .....Dec. 20, 1923

Dec. 20, 1923—S FIFTEENTH 200 E Castro E 25xS 115. Bert Bergstrom to August Magnuson and Adrian Peterson.....Dec. 19, 1923

Dec. 20, 1923—SW LARKIN AND Filbert 50x100. G A Rege to whom it may concern.....Dec. 19, 1923

Dec. 20, 1923—E TWENTIETH AVE 75 N Kirkham E 95 W 25 E 25 N 25 W 120 S 50. Charles and Christian Andersen to whom it may concern.....Dec. 19, 1923

Dec. 20, 1923—W TWENTY-FIRST Ave 275 and 300 S Anza 25x100. O C Holt to whom it may concern... .....Dec. 19, 1923

Dec. 20, 1923—LOT EDED BY STEVenson, Fifth, Jessie and Sixth Sts. Pacific Gas & Electric Co to The Heine Chimney Co.....Dec. 12, 1923

Dec. 21, 1923—S FOLSOM 350 E Sixth E 25x85. F S Wilbert to E L Hansen.....Dec. 20, 1923

Dec. 21, 1923—W GENESEE 25 N Flood Ave N 25xW 100 Lot 43 Blk 3 Sunnyside. Ernest B Backman to whom it may concern...Dec. 30, 1923

Dec. 21, 1923—LOTS 14 AND 15 BLK "L" Mission Terrace. Walter E Hansen to whom it may concern.. .....Dec. 20, 1923

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

Dec 21, 1923—W NINTH AVE 300 S Geary W 120xS 25. R J Stempel to C Magill.....Dec. 19, 1923
Dec. 21, 1923—E CURTIS 400 N Morse. E J Hargrave to whom it may concern.....Dec. 18, 1923
Dec. 21, 1923—LOT 1 BLK 3136, Lot 24 Blk 3174, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Dec. 18, 1923
Dec. 21, 1923—SE SACRAMENTO & Powell S 68-9 E 137-6 S 13-3 E 20 N 82 W 157-6. Sacramento Powell Co to whom it may concern.....Oct. 27, 1923
Dec. 21, 1923—E SANCHEZ 89 S Elizabeth S 23xE 100. H J Trowbridge to C Lindberg...Dec. 21, 1923
Dec. 21, 1923—N BAY 225 E Octavia. John C Becker to Morrow & Garren.....Dec. 10, 1923
Dec. 21, 1923—W CURTIS 100 N Morse 82 and 86 Curtis. Wm E Gressman to whom it may concern.....Dec. 19, 1923
Dec. 22, 1923—E FIFTEENTH AVE 100.45, 135.45, 150.45 and 304.45 N Kirkham. D W Ross to whom it may concern.....Dec. 20, 1923
Dec. 22, 1923—NE POWELL AND Post N 137-6xE 162-9. Wm M and Mary E Fitzhugh to Western Iron Works.....Dec. 17, 1923
Dec. 22, 1923—NW BATTERY AND Sacramento W 275xN 119-6. Federal Reserve Bank to Thomas Day Co.....Dec. 21, 1923
Dec. 22, 1923—N NINETEENTH 151-4 and 177 W Douglas 25-8x114 J C Gibson to whom it may concern.....Dec. 2, 1923
Dec. 22, 1923—N POST 137-6 W Stockton W 37-6xN 137-6. Wm M and Mary E Fitzhugh to Mealey & Collins.....Dec. 10, 1923
Dec. 22, 1923—NW BATTERY AND Sacramento W 275xN 119-6. Federal Reserve Bank of S. F. to The Herman Safe Co.....Dec. 15, 1923
Dec. 24, 1923—NO. 1716 FILLMORE. Peter Kaucher to Cost Fell.....Dec. 1, 1923
Dec 24, 1923—NW HAIGHT & GOUGH 60x77-6. Charles N Conlin to Arthur Elvin.....Dec. 15, 1923
Dec. 24, 1923—SW GEARY AND Tenth Ave W 32-6xS 100. Jacob Weissbein to Meyer Bros..Dec. 22, '23
Dec. 24, 1923—NW VIENNA 150 SW France Ave SW 75 SW 75 NW 100 NE 75 SE 100 — 75. John and Annie Miller to whom it may concern.....Dec. 21, 1923
Dec. 24, 1923—W FRANKLIN 75 S Bay S 35xW 112-6. Axel Johnson to whom it may concern.....—
Dec. 24, 1923—N JACKSON 35 W Laurel. Harold L Zellerbach to MacGruer & Simpson...Dec. 21, 1923
Dec. 24, 1923—S McALLISTER 88-9 W Buchanan W 25xS 137-6. N Weidman and Sam Orchid to J S Malloch.....Dec. 12, 1923
Dec. 24, 1923—W THIRTY-SEVENTH Ave 125 N Anza N 25xW 120. A P Herlihy to Meyer Bros...Dec. 19, 1923
Dec. 24, 1923—W EIGHTH AVE 150 S Geary 25x120. G E Wellman to whom it may concern..Dec. 24, 1923
Dec. 24, 1923—N GREEN 177-6 W Fillmore W 32-6xN 137-6. Milford H and Margie H Schord to whom it may concern.....Dec. 22, 1923..
Dec. 24, 1923—E TWENTY-FIFTH Ave 350 N Fulton. Bryant Feerick to whom it may concern.Dec. 22, 1923
Dec. 24, 1923—SE JONES AND Sterloe Place. D J Clancy to whom it may concern..Dec. 24, 1923
Dec. 26, 1923—S FRANCISCO 100, 125, 150 and 175 E Octavia 25x137-6. Sharboro Detjen & Noonan to whom it may concern...Dec. 26, 1923
Dec. 26, 1923—N CHESTNUT bet. Polk and Van Ness Ave No. 1258-1260 Chestnut. John O'Connor to Christiansen Bros.....Dec. 26, 1923
Dec. 26, 1923—NO. 545 ASHBURY 25x100 on W Ashbury bet. Haight and Page. Frieda Hagelstein to Herman Stelger .....Dec. 26, 1923
Dec. 26, 1923—E NINETEENTH AVE 50 S Norlega S 25xE 95. Albert H and Mary E T Duggin to McCaley & Weber.....Dec. 26, 1923
Dec. 26, 1923—E FILLMORE 150 S Hayes E 100xS 25. A Puccinelli to White & Robinson.....Dec. 21, 1923
Dec. 26, 1923—NO 2974 DIAMOND W line bet. Joost & Bosworth. Geo Hansen to whom it may concern.....Dec. 24 1923
Dec. 26, 1923—S GEARY 55 W 42nd Ave W 20xS 100. Ella and Ernest Fricke to whom it may concern..—
Dec. 26, 1923—W FORTY-SEVENTH Ave 150 N Kirkham N 25rW 120. Thomas A Douglass to whom it may concern.....Dec. 19, 1923
Dec. 26, 1923—E THIRTY-NINTH Ave 55 S Clement. Wm Levy to Theodore Christensen...Dec. 26, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Dec. 20, 1923—N CLINTON PARK 117 W Guerrero W 25xN 75. Mission Lumber Co vs Julia and Valentine Krysiak $246.20
Dec. 21, 1923—W GUERRERO 33 N Dorland N 25xW 80. Acme Lumber Co vs John J Sullivan and Fred S Johnson.....$523.21
Dec. 21, 1923—W FIFTH 240-7½ S Harrison S 34-4½ SW 137-6 NW 34-4½ NE 137-6. Reliable Roofing Co vs Chas F Schuetz, Chas Mindner and — Melskov .....$——
Dec. 21, 1923—SE POWELL AND Sacramento E 157-6 S 82 W 20 N 13-3 W 137-6 N 68-9. H S Tittle vs Sacramtnto Powell Co....$7855.05
Dec. 21, 1923—S BALBOA 82-6 W Sixteenth Ave W 50xS 100. Mark Lally Co vs Frank Kohler (as Kohler Plumbing & Heating Co) and J C Thomas.....$252
Dec. 21, 1923—SE FRANKLIN AND Washington S 49-8¼xE 137-6. Lowry & Haley vs Morris and John Doe Zirker and E K Nelson...$800
Dec. 22, 1923—W GUERRERO 33 N Dorland N 25xW 80. Hanley & McCrellis vs Fred S Johnson and Thos W Sullivan.....$380
Dec. 22, 1923—SE WASHINGTON & Franklin E 137-6xS 49-8¼. Henry Ernst & Sons vs Zirker Bros and E K Nelson.....$2525
Dec. 22, 1923—W SECOND AVE 225 N Clement W 120xN 25. Reinhart Lumber & Planing Mill Co vs Henry Lyon and Mrs. Ray Abrams..$681.33
Dec. 24, 1923—W GUERRERO 33 N Dorland N 25xW 80. Art Tile & Mantel Co vs Thos W Sullivan..$579
Dec. 24, 1923—W GUERRERO 33 N Dorland N 25xW 80. John T Kunst vs Thos W Sullivan.....$415
Dec. 26, 1923—W GUERRERO 33 N Dorland N 25xW 80. Anderson & Rowe vs Fred S Johnson, Thos W Sullivan $229
Dec. 26, 1923—W SECOND AVE 225 N Clement N 25xW 120. A Hallstrom vs Ray Abrams and Lyons & Warm $170

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Dec 20, 1923—SE POST AND POLK 66-10¾x120. American Trading Co of The Pacific Coast to Orville D Baldwin and Frank Neubert..$29.60
Dec. 20, 1923—NE WASHINGTON & Gough N 129-4½xE 130. Uhl Bros to Jos L Stewart, Monson Bros and E F Peterson Co.....$252.92
Dec. 21, 1923—E TWENTIETH AVE 110 N Kirkham N 125 E 120 S 25 W 25 S 100 W 95. M Stulsaft Co to Chas and Christian Anderson and Kohler Plumbing & Heating Co.
Dec. 21, 1923—W FRANKLIN 137.5 N Lombard 25x100. Wm Smith Co to Antonio Catona and V Filippis.....$502.82
Dec. 21, 1923—W NEVADA AVE 125 N Cortland Lots 15 and 16 Blk 5654 Gift Map 1. The Greater City Lumber Co to Alphons Pottett and J Serpa $270.95
Dec. 22, 1923—LOTS 23 AND 24 BLK 20, University Md Survey. Foy & Johnson to Grave Evangelical Lutheran Church .....
Dec. 22, 1923—E MISSION 215 S 19th S 45xE 122.6. Reinhart Lumber & Planing Mill Co to The Rudolph Wurlitzer Co $3734.87
Dec. 24, 1923—S CLAY 180-10½ E Polk E 27xS 127-8¼. American Trading Co. of The Pacific Coast to Jennie C Lindgren and Inlaid Hardwood Co .....
Dec. 26, 1923—W FAXON AVE 375 S De Montford S 25xW 112-6; W Faxon Ave 300 S De Montford S 50x W 112-6. J H Kruse to W H Depew Henry F Rolph, M Reede and W B

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Dec. 21, 1923—E FREMONT AND Market NE 91-8xSE 137-6. City Investment Co as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
5960	Lundgren	Owner	4200
5961	Strain	Owner	15000
5962	Musgrove	McWethy	19000
5963	Farmer	Taylor	4200
5964	Toluboff	Balliet	3000
5965	Same	Same	3000
5966	Hammarberg	Owner	6000
5967	Suoma	Owner	3000
5968	Hibbs	Long	13000
5969	Swett	Rankin	9000
5970	Fox	Long	12000
5971	Icaldi	Owner	3500
5972	Pike	Owner	3500
5973	Eaves	Truscon	2000
5974	Smith	Owner	2000
5975	Walden	Walden	2750
5976	City	Board	6402
5977	Ford	Owner	2000
5978	Denby	Ernst	4000
5979	Kitchell	McCausland	3900
5980	Sconyers	Owner	1850
5981	Sandstone	Harriman	1000
5982	Robertson	Owner	2850
5983	Bolt	Randlett	16000
5984	Haynes	Owner	2000
5985	Hopkins	Hildebrand	9600
5986	Sabotte	Charleston	1950
5987	Moyle	Owner	2000
5988	De Lucchio	Benassini	4510
5989	Henderson	Owner	6500
5990	Plechot	Gaubert	4000
5991	Kronke	Pearson	14747
5992	Davis	Owner	3000
5993	Pfrank	Owner	7000
5994	Beadell	Owner	6000
5995	Crescensi	Owner	3000
5996	Clarke	Allen	11735
5997	Stringer	Owner	3500
5998	Van Vlack	Owner	4500
5999	Reynolds	Wierk	1600
6000	Baker	Owner	5500
6001	Shrader	Owner	7000
6002	Marshall	Stolte	21000
6003	Tickell	Stolte	23000
6004	Johnson	Owner	3750
6005	Walsh	Owner	2500
6006	Lind	Owner	2500
6007	Marquis	Owner	2500
6008	Martin	Maurice	10614
6009	Sill	Heufner	9300
6010	Kronke	Pearson	14747
5011	Stevens	Owner	4000
6012	Furman	Owner	2000
6013	Hale	Hale	3000
6014	Rogers	Owner	4750
6015	White	Taylor	3000
6016	Lutzi	Owner	3000
6017	Feton	Owner	3000
6018	Marin	Runnels	6000
6019	Sequeira	Vares	1900
6020	Belrose	Coward	6000
6021	Holest	Hombleton	5940
6022	Taylor	Taylor	3000
6023	Williams	Shaw	3000
6024	Owl	Dewal	2000
6025	Alder	Owner	3500
6026	Grave	Owner	4400
6027	Carson	Owner	8500
6028	Sequiera	Vares	5200
6029	Matheyer	Owner	3000
6030	Atkinson	Owner	2000
6031	Gonsalves	Owner	3000
6032	Rogers	Owner	3650
6033	Burns	Owner	3000
6034	Engler	Hansen	1000
6035	Pacific Gas	Appel	1035

DWELLING
(5960) 1312 CARLTON, Berkeley. 1-story 5-room dwelling.
Owner—Sam Lundgren, premises.
Architect—None. $4200

APARTMENTS
(5961) 1914-16 CHANNING WAY, Berkeley. 2-story 16-room apartments.
Owner—J. E. Strain, 2402 Roosevelt, Berkeley.
Architect—None. $15,000

APARTMENTS
(5962) 1615-17 EUCLID, Berkeley. 3-story 19-room apts.
Owner—Mrs. Frances Musgrave, 2931 Telegraph, Berkeley.

Architect—None.
Contractor — McWethy & Greenleaf, 2910 Telegraph, Oakland. $19,000

DWELLING
(5963) 1000 FRESNO, Berkeley. 2-sto. 6-room dwelling.
Owner—Raymond T. Farmer, 1818 Marin Ave., Berkeley.
Architect—H. H. Gutterson, Berkeley.
Contractor—Taylor & Jackson, 290 Tehama St., S. F. $4200

DWELLING
(5964) 1503 GROVE, Berkeley. 2-story 5-room dwelling.
Owner—A. Toluboff, Monadnock Bldg. San Francisco.
Architect—None.
Contractor—Geo. Balliet, 4184 17th St., San Francisco. $3000

DWELLING
(5965) 1509 GROVE ST., Berkeley. 1-story 5-room dwelling.
Architect—None.
Contractor—Geo. F. Balliet. $3000

DWELLING
(5966) 855 INDIAN ROCK, Berkeley. 2-story 6-room dwelling.
Owner—Albert Hammarberg, 589 55th St., Oakland.
Architect—None. $6000

DWELLING
(5967) 1778 ROSE, Berkeley. 1-story 5-room dwelling.
Owner—Alex Suoma, 1412½ 66th St., Berkeley.
Architect—None. $3000

DWELLING
(5968) 66 SOUTHAMPTON, Berkeley. 2-story 9-room dwelling.
Owner—Mrs. Janette Hibbs, 2457 Regent Road, Berkeley.
Architect—None.
Contractor—Roy O. Long Co 2114 Shattuck Ave., Berkeley. $13,000

DWELLING
(5969) 2435 VIRGINIA, Berkeley. 2-story 11-room dwelling.
Owner—Margaret S. Sweet.
Architect—None.
Contractor—S. G. Rankin, 712 Haddon Road, Oakland. $9000

APARTMENTS
(5970) 1810 WALNUT, Berkeley. 2-sto. 16-room apartments.
Owner—H. H. Fox, 1709 Beverly Place, Berkeley.
Architect—None.
Contractor—Roy O. Long Co 2114 Shattuck Ave., Berkeley. $12,000

DWELLING
(5971) N AILEEN ST. 200 E Los Angeles, Oakland. 1-story 5-room dwelling.
Owner—Angelo Icardi, 924 Aileen St., Oakland.
Architect—None. $3500

DWELLING
(5972) N BROOKDALE 40 W Renwick, Oakland. 1-story 6-room dwelling.
Owner—A. M. Pike, 1825 Fruitvale Ave Oakland.
Architect—None. $3500

OFFICE
(5973) SE COR. E-TWELFTH ST. & 24th Ave., Oakland. 1-story steel office.
Owner—Dr. James Eaves, 560 Sutter St., San Francisco.
Architect—None.
Contractor—Truscon Steel Co., 709 Mission St., S. F. $2000

DWELLINGS
(5974) E EIGHTY-FIFTH AVE. 260 & 285 S D St., Oakland. 2 1-story 3-room dwellings.
Owner—B. H. Smith, 4428 E-14th St., Oakland.
Architect—None. $2000

DWELLING
(5975) W EASTMAN AVE. 300 N Penniman, Oakland. 1-story 5-room dwelling.
Owner—Joe Walden, 3041 Eastman Ave Oakland.
Architect—None.
Contractor—J. T. Walden, 2312 Courtland Ave., Oakland. $2750

ALT. & ADD.
(5976) W FILBERT ST. BET. TWENTY-sixth and 28th Sts., Oakland. alteration and addition.
Owner—City of Oakland.
Architect—None.
Contractor—Board of Education $6402

DWELLING
(5977) 3564 GRAY ST., Oakland. 1-sto. 3-room dwelling.
Owner—R. W. Ford, premises.
Architect—None. $2000

DWELLING
(5978) N HARBORD DR 500 S Moraga Rd., Oakland. 1-story 5-room dwlg.
Owner—J. Denby, 1849 Clay St., S. F.
Architect—None.
Contractor—George Ernst. $4000

DWELLING
(5979) NE COR. NINETY-FOURTH Ave., and Cherry St., Oakland. 1-story 5-room dwelling.
Owner—M. P. Kitchell, 5115 Foothill Blvd., Oakland.
Architect—None.
ContractorF. A. McCausland, 502 Dowling Blvd., San Leandro. $3400

DWELLING
(5980) S NEY AVE. 300 E 77th Ave., Oakland. 1-story 5-room dwlg.
Owner—G. F. Sconyers, 77th Ave. and Ney Ave., Oakland.
Architect—None. $1850

ADDITION
(5981) SE COR. SIXTY-EIGHTH AVE and Arthur St., Oakland. Addition.
Owner — Mrs. Helen Sandstone, 2570 68th Ave., Oakland.
Architect—None.
Contractor—O. M. Harriman, 2615 68th Ave., Oakland. $1000

DWELLING
(5982) E SIXTY-EIGHTH AVE. 35 S Flora, Oakland. 1-story 5-room dwelling.
Owner—J. Robertson, 911 Lincoln Ave. Alameda.
Architect—None. $2850

SHED
(5983) SW COR. SECOND & JACKson Sts., Oakland. 1-story tile shed and 1-story tile stable.
Owner—Wm. Bolt.
Architect—A. W. Smith, Amer. Bank Bldg., Oakland.
Contractor—E. A. Randlett, 1534 Chestnut St., Alameda. $16,000

DWELLING
(5984) 7206 WELD ST., Oakland. 1-story 4-room dwelling.
Owner—H. H. Haynes, premises.
Architect—None. $2500

DWELLING
(5985) S HUBERT RD. 335 E GROSvenor Place being Lot 6 Blk 8 Lakeshore, Highlands Oakland. 2-story 9-room dwelling.
Owner—Leslie C. Hopkins, 2634 E 19th, Oakland.
Architect—None.
Contractor—C. G. Hildebrand 1700 Fremont Way, Oakland.
Filed Dec. 20, 1923. Dated Dec. 20, 1923.
Ready for roof ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $9600
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications filed.

APARTMENTS
(5986) 5760-68 ADELINE ST., Oakland. Alterations.
Owner—J. Sabatte, 875 58th Ave., Oakland.

OLGA HERZ
Public Stenographer
Multigrapher and Translator
ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH
Confidential Service
Quality
Punctuality
Economy
Estimates Furnished
402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Architect—None.
Contractor — C. E. Charleston, 6627 Genoa St., Oakland. $1950

ADDITION
(5987) 6662 BECK ST., Oakland. Addition.
Owner—J. Moyle, 2482 63rd Ave., Oakland.
Architect—None. $2000

DWELLING
(5988) N FIFTY-FIRST ST. 200 W Shafter Ave., Oakland. 1-sto. 5-rm. dwelling.
Owner—John De Lucchio, 441 Avon St., Oakland.
Architect—None.
Contractor—Pio Benassini, 5111 Miles Ave., Oakland. $4510

DWELLING
(5989) N SUNNYHILL RD. 50 W Hillcroft, Oakland. 2-story 6-room dwelling.
Owner — E. F. Henderson, 5744 Keith Ave., Oakland.
Architect—None. $6500

DWLG. & STORE
(5990) 6506 SAN PABLO AVE., Oakland. 1-story 4-room dwelling and store.
Owner—E. Plechot, 1285 64th St., Oakland.
Architect—None.
Contractor—N. Gaubert, 1910 40th Ave., Oakland. $4000

MFG. BLDG.
(5991) E SAN PABLO AVE. 100 N 32nd St., Oakland. 2-story brick and frame manufacturing building.
Owner—R. A. Kronke, 1039 Alleen St., Oakland.
Architect—None.
Contractor — Ben Pearson, 2403 Grant St., Oakland. $14,747

DWELLING
(5992) E VIOLA ST. 200 N Allendale, Oakland. 1-story 5-room dwelling.
Owner—A. L. Davis, 2626 Union St., Oakland.
Architect—None. $3000

DWELLING
(5993) 2430 OREGON, Berkeley. 1-story 6-room dwelling.
Owner—H. C. Pfrang, 5659 Ocean View Drive, Oakland.
Architect—None. $7000

DWELLING
(5994) 1845 THOUSAND OAKS BLVD. Berkeley. 1-story 5-room dwelling.
Owner—R. Beadell and Geo. J. Lane, 909 Spruce St., Berkeley.
Architect—None. $6000

DWELLING
(5995) 1515 VISALIA AVE., Berkeley. 1-story 6-room dwelling.
Owner—L. Crescenzi, Collinsville, Solano County.
Architect—None. $4000

DWELLING
(5996) W LAUREL ST. 90 N Eunice St., Berkeley A.ll work for 2-story dwelling.
Owner—Dr. W. F. Clarke, 2247 Cedar St., Berkeley.
Architect—W. H. Ratcliff Jr., First National Bank Bldg., Oakland.
Contractor—Allen & Conrad, 351 12th St., Oakland.
Filed Dec. 21, 1923. Dated Dec. 7, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $11,735
Bond, $5868; Sureties, Aetna Casualty & Surety Co.; Forfeit, $5 day; Lim 80 days; Plans and specifications filed.

DWELLING
(5997) NE BROOKDALE AND CAPP, Oakland. One-story 4-room dwlg.
Owner—T. Stringer, 3754 E-14th St., Oakland.
Architect—None. $3500

DWELLING
(5988) N PROSPECT 54 E Montclair, Oakland. One-story 5-room dwlg.
Owner—Geo. Van Vlack, 575 Spruce St., Oakland.
Architect—None. $4500

GARAGE
(5999) N THIRTY-EIGHTH 200 W Telegraph Ave., Oakland. One-story tile garage.

Owner—G. E. Reynolds, 518 38th St., Oakland.
Architect—None.
Contractor—Nick Wierk, 404 45th St., Oakland. $16,000

DWELLING
(6000) NO. 132 ARBOR DRIVE, Piedmont. One-story 6-room dwelling and garage.
Owner—W. J. Baker, 2255 Ransome Av., Oakland.
Architect—None. $5500

DWELLING
(6001) NO. 583 BOULEVARD WAY, Piedmont. One-story 7-room dwelling and garage.
Owner—Bert R. Shrader, 410 1st Nat'l. Bank Bldg., Oakland.
Architect—None. $7000

DWELLING
(6002) NO. 210 CROCKER AVE. Piedmont. Two-story 10-room dwelling and garage.
Owner—A. T. Marshall.
Architect—Sidney B. and Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—F. C. Stolte, 3455 Laguna St., Piedmont. $21,000

DWELLING
(6003) NO. 211 CROCKER AVE., Piedmont Two-story 10-room dwelling and garage.
Owner—A. T. Tickell.
Architect—Sidney B and Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—F. C. Stolte, 3455 Laguna St., Piedmont. $23,000

DWELLING
(6004) NO. 815 OAKLAND AVE. Piedmont. One-story 5-room dwelling.
Owner—E. Johnson, 223 Greenbank Ave Oakland.
Architect—None. $3750

DWELLING
(6005) 1811 CURTISS, Berkeley. 1-story frame dwelling.
Owner—Maurice Walsh, 2675 75th Ave Oakland.
Architect—None. $2500

DWELLING
(6006) 1240 PERALTA, Berkeley. 1-story 5-room dwelling.
Owner—J. A. Lind, 1537 63rd St., Berkeley.
Architect—None. $2500

DWELLING
(6007) 2941 SACRAMENTO, Berkeley. 1-story 4-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Berkeley.
Architect—None. $2500

DWELLING
(6008) W SCENIC AVE 126 S Vine St, S 63 E 180 Berkeley. All work for 2-story frame dwelling.
Owner—Helen L. Martin & Margaret Webb, 1511 Spring St., Berkeley.
Architect — Wm. E. Milwain, Pacific Bldg., Oakland.
Contractor—F. W. Maurice 1362 E-25th St., Oakland.
Filed Dec. 24, 1923. Dated Dec. 24, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $10,614
Bond, Sureties, none; Forfeit, $3 day; Limit, 85 days; Plans and specifications filed.

DWELLING.
(6009) LOT 3 (Portion of) THOUSand Oaks Court, Berkeley. All work for two-story 8-room dwelling.
Owner—Victorine G. Sill, Berkeley.
Architect—John Hudson Thomas, 1st National Bank Bldg., Berkeley.
Contractor—Frank Heufner, San Francisco.
Filed Dec. 24, 1923. Dated Dec. 24, 1923.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $9300
Bond, Sureties, Forfeit, none; Limit, 120 days; Plans and Specifications filed.

STORE & FACTORY
(6010) 3212-16 SAN PABLO AVE., Oakland. All work for store and factory.
Owner — Richard A. Kronke, 1039 Aileen St., Oakland.
Architect — E. T. Barker, Syndicate Bldg., Oakland.
Contractor—Ben Pearson, 2403 Grant, Berkeley.
Filed Dec. 24, 1923. Dated Dec. 20, 1923.
Each 2 weeks 75%
Usual 35 days $3686
TOTAL COST, $14,747
Bond, Sureties, Forfeit, none; Limit, 50 days; Plans and specifications filed.

DWELLING
(6011) NO. 1910 BERKELEY WAY, Berkeley. Two-story 6-room dwlg
Owner—Mary W. Stevens, 1515 Alice St., Oakland.
Architect—None. $4000

DWELLING
(6012) NO. 1610 KAINS, Berkeley. One story 5-room dwelling.
Owner—M. F. Furman, Premises.
Architect—None. $2000

DWELLING
(6013) NO. 616 SAN MIGUEL, Berkeley one-story 5-room dwelling.
Owner—Ethel M. Hale, 967 Ordway St., Berkeley.
Architect—None.
Contractor — G. W. Hale, 967 Ordway St., Berkeley. $3000

DWELLING
(6014) NO. 515 SANTA BARBARA ST., Berkeley. One-story 6-room dwlg.
Owner—C. M. Rogers, 540 San Luis Rd., Berkeley.
Architect—None. $4750

ALTERATIONS
(6015) NO. 2219 SANTA CLARA AVE., Alameda. Alterations.
Owner—C. H. White, Premises.
Architect—M. C. Couchot, 234 Pine St., San Francisco.
Contractor—Taylor & Jackson, 290 Tehama St., San Francisco. $3000

DWELLING
(6016) NO. 2306 VIRGINIA ST., Berkeley. One-story 4-room dwelling.
Owner—A. Lutzi, 1330 Spruce St., Berkeley.
Architect—C. C. Dakin, Berkeley. $2000

DWELLING
(6017) NO. 1208 WALNUT ST., Berkeley. One-story 4-room dwlg.
Owner—G. K. Feton, 425 Franklin St., San Francisco.
Architect—None. $3000

ADDITION
(6018) NO. 1334 WALNUT ST., Berkeley. Addition.
Owner—Cora B. Myers, Euclid and Marin, Berkeley.
Architect—None.
Contractor—Oscar I. Runnels, Euclid and Marin Sts., Berkeley. $6000

DWELLING
(6019) NW COR. AUSEON & HOLLY, Oakland. 1-story 3-room dwelling.
Owner—A. Sequeira, 1637 85th Ave., Oakland.
Architect—None.
Contractor—Joe Vares, 1629 88th Ave., Oakland. $1900

DWELLING
(6020) N ARINMINE COURT 180 E College, Oakland. 1-story 7-room dwelling.
Owner—J. Belrose, 6144 Colby, Oakland
Architect—None.
Contractor—Jos. Coward, 5429 Shafter Ave., Oakland. $6000

GARAGE
(6021) NE COR. BROOK & ORCHARD Oakland. 1-story brick and tile garage.
Owner—Mrs. Henry Holist, 3004 Brook St., Oakland.
Architect—Hutchinson & Mills.
Contractor—Fred Hambleton, 3737 13th Ave., Oakland. $5940

DWELLING
(6022) E EIGHTY-NINTH AVE. 40 N Plymouth, Oakland. 1-story 6-room
Owner—Minnie Taylor, 1710 89th Ave., dwelling, Oakland.
Architect—None.
Contractor—P. Taylor, 1710 89th Ave., Oakland. $3000

STORES
(6023) SE COR. FIFTEENTH AND Franklin Sts., Oakland. 1-story steel and concrete stores.
Owner—Thos. Williams, San Francisco
Architect—None.
Contractor—Shaw & Watson, 1711 Willow St., Alameda. $3000

ALTERATIONS.
(6024) SE COR. FOURTEENTH AND Washington Sts., Oakland. Alterations.
Owner—Owl Drug Co., 611 Mission St., Oakland.
Architect—None.
Contractor—Oliver Duval & Son. Dalziel Bldg., Oakland. $2000

DWELLING.
(6025) N FLORIDA ST., 350 W Maple Ave., Oakland. One-story 5-room dwelling.
Owner—Alder & Clark, 2007 Florida St., Oakland.
Architect—None. $3500

DWELLING.
(6026) S HILTON 157 W 57th Ave., Oakland. One-story 6-room dwelling.
Owner—M. P. Graves, 905 Grove St., Oakland.
Architect—None. $4400

DWELLING.
(6027) W HADDON ROAD 130 N Cleveland, Oakland. Two-story 7-room dwelling.
Owner—Carson Estes, Builders Exchange, Oakland.
Architect—None. $8500

DWELLING.
(6028) NW COR. HOLLY AND AUseon, Oakland. One-story 8-room duplex dwelling.
Owner—A. Sequeira, 1637 85th Ave., Oakland.
Architect—None.
Contractor—Joe Vares, 1629 88th Ave., Oakland. $5200

DWELLING.
(6029) 4239 QUIGLEY ST., Oakland. One-story 5-room dwelling.
Owner—T. E. Matheyer Co., 1369 Hopkins St., Oakland.
Architect—None. $3000

DWELLING.
(6030) W SEVENTY-SECOND AVE., 150 N 73rd Ave., Oakland. One-story 5-room dwelling.
Owner—W. Atkinson, 4311 72nd Ave., Oakland.
Architect—None. $2000

DWELLING.
(6031) E SIXTY-FIRST AVE., 120 N Fortune Ave., Oakland. One-story 5-room dwelling.
Owner—A. M. Gonsalves, 2556 61st Ave Oakland.
Architect—None. $3000

DWELLING.
(6032) W SIXTY-SEVENTH AVE., 160 N Flora St., Oakland. One-story 5-room dwelling.
Owner—C. C. Rogers, 299 Santa Clara Ave., Oakland.
Architect—None. $3650

DWELLING.
(6033) E SIXTY-FOURTH AVE., OPP. E 17th St., Oakland. One-story 5-room dwelling.
Owner—C. G. Burns, 5801 Fleming Ave Oakland.
Architect—None. $3000

GARAGE.
(6034) 2360 WILBUR ST., Oakland. Concrete garage.
Owner—E. J. Engler, premises.
Architect—None.
Contractor—R. Hansen, 3990 Whittle Ave., Oakland. $1000

SUB STATION
(6035) W COR. LAND CONVEYED BY Robert Samppson to Pacific Reduction Work deed recorded Liber 96 deeds page 40 SE 210.2 SW 339.83 NW 106.72 NE 409.29, Oakland. Sheet metal for sub station.
Owner—P. G. & E. Co., 17th & Clay Sts Oakland.
Architect—None.
Contractor—George J. Appel (Alaska Sheet Metal Works), 669 16th, Oakland.
Filed Dec. 26, 1923. Dated Dec. 13, 1923.

Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $1035
Bond, $520; Sureties, American Surety Co.; Forfeit, none; Limit, 20 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Dec. 20, 1923—PTN PLOTS 10, 12, 14 and 16 Map Rancho, Arroyo de la Alameda. ——. Masonic Homes of California to Joseph J Burdon.....Dec. 14, 1923

Dec. 20, 1923—FLORIDA ST. being Lot 13 Maple Heights Tract, Okd. Arthur E Clark to Alder & Clark .....Dec. 20, 1923

Dec. 20, 1922—LOTS 7 AND 8 BLK 19 Hollywood Addition, Oakland. G R Blasingame to whom it may concern.....Dec. 20, 1923

Dec. 20, 1923—NO. 278 LAKESHORE Blvd., Oakland Cora J Schimmel to Harry C Knight....Dec. 12, 1923

Dec. 20, 1923—LOT 18 BLK "B" Map Lakeshore Hills, Oakland. Eva Ruth and John S Flagg to Thomas Brennan .....Dec. 20, 1923

Dec. 20, 1923—SW LOCUST 65 SE Seventy-eighth Ave SE 35xSW 80, Oakland. C M D Merlijones to whom it may concern...Dec. 13, 1923

Dec. 20, 1923—NO. 2430 DWIGHT Way, Berkeley. J W Dana to J P Brennan.....Dec. 10, 1923

Dec. 20, 1923—IMMEDIATELY S of No. 721 Arlington Ave., —. John G Westphal to Otto Mailanen.....Dec. 18, 1923

Dec. 21, 1923—N ESTUDILLO AVE 250 E Huff Ave, San Leandro. F W Borden to Kunst & Borden.....Dec. 21, 1923

Dec. 21, 1923—S CALLAN AVE 300 E Huff Ave, San Leandro. Kunst & Borden to whom it may concern.....Dec. 21, 1923

Dec. 21, 1923—S CALLAN AVE 350 E Huff Ave, San Leandro. Kunst & Borden to whom it may concern.....Dec. 21, 1923

Dec. 21, 1923—LOT 19 BLK 3, Map Brookdale Terrace, Oakland. Wm B Grayhill to whom it may concern .....Dec. 20, 1923

Dec. 21, 1923—LOT 40 BLK 2, Oakland Homestead, Oakland. Elmer West to whom it may concern.....Dec. 20, 1923

Dec. 21, 1923—LOT 11 BLK 2, Amended Map Thousand Oaks Court, Berkeley. Oscar I Runnels to whom it may concern.....Dec. 20, 1923

Dec. 21, 1923—NW McGEE AVE 260 SE Hopkins SE 40 NE 148.21 NW 40.04 SW 146.36, Berkeley. Rose Adler to whom it may concern.....Dec. 18, 1923

Dec. 21, 1923—W REGENT 100 N Derby N 50xW 156.33, Berkeley. P H Franks to whom it may concern .....Dec. 20, 1923

Dec. 21, 1923—(1) HILTON ST Crossing bet. 55th and 57th Aves; (2) Fairfax and Fifty-fifth Ave., Oakland. Southern Pacific Co to Hutchinson Co.....Dec. 17, 1923

Dec. 21, 1923—LOT 1 Map Pride Tct., Oakland. Antonio and Caroline Palozzo to Joseph Boeddeker .....Dec. 6, 1923

Dec. 12, 1923—LOT 16 BLK 3, Thousand Oaks Court, Berkeley. Brooks Parker to whom it may concern.....Dec. 20, 1923

Dec. 21, 1923—LOT 20 BLK "H" Foothill Park Tract, Oakland. Ernest Sauer to Oakley & Kolmodin.....Dec. 21, 1923

Dec. 20, 1923—1024 SAN ANTONIO Ave., Alameda. Julius G Grodem to whom it may concern..Dec. 20, 1923

Dec. 20, 1923—2766 FRUITVALE AV Oakland. Emil Dehmas to F. W. Borden.....Dec. 19, 1923

Dec. 22, 1923—N CALLAN AVE 350 E Hub Ave, San Leandro. J C Kunst and F W Borden to whom it may concern.....Dec. 21, 1923

Dec. 22, 1923—LOT 52 Map Bortee Tract, Oakland. William and P A Evans to Andrew E Roberts.....Dec. 20, 1923

Dec. 22, 1923—LOT 120 Fuller and Todd Tract, Oakland. T J Theile to whom it may concern...Dec. 20, 1923

Dec. 22, 1923—LOT 121 Fuller and Todd Tract, Oakland. F J Theile to whom it may concern.....—

Dec. 2., 1923—SW THIRTY-FOURTH Ave and Galindo St., Oakland. A F and Josephine Eide to Frank Boerner.....Dec. 22, 1923

Dec. 22, 1923—LOT 44 BLK 2, Berkeley Square, Berkeley. Harold F and Stella R Hughes to A G Davis .....Dec. 21, 1923

Dec. 21, 1923—NO 2006 102ND AVE., Oakland. E J McCord to whom it may concern.....Dec. 20, 1923

Dec. 21, 1923—NO. 2012 106ND AVE., Oakland. E J McCord to whom it may concern.....Dec. 20, 1923

Dec. 24, 1923—E TELEGRAPH AVE 32 S 59th St., Oakland. Arthur Strauch to James H Pedgrift.....Dec. 15, 1923

Dec. 24, 1923—NO. 1257 NINETY-second Ave., Oakland. George E Nickerson to whom it may concern .....Dec. 24, 1923

Dec. 24, 1923—E EIGHTIETH AVE 40 N Holly St., Oakland. A E Orton to whom it may concern..Dec. 24, 1923

Dec. 24, 1923—E EIGHTIETH AVE 80 N Holly, Oakland. A E Orton to whom it may concern..Dec. 24, 1923

Dec. 24, 1923—SW E-SIXTEENTH & 41st Ave., Oakland. Adeline O Wood to P J Bold.....Dec. 24, 1923

Dec. 24, 1923—LOT 7 BLK 3, Arlington Villa Sites, Berkeley. J G Westphal to T Glimme..Dec. 25, 23

Dec. 24, 1923—(1) LOT 5 View Tract; (2) Lot 48, View Tract, Oakland. S Victor Davidow to whom it may concern.....Dec. 24, 1923

Dec. 24, 1923—NO. 2629 COLLEGE Ave, Berkeley. Otis F Johnson to John Lehman.....Dec. 20, 1923

Dec. 24, 1923—NO. 3879 FRUITVALE Ave., Oakland. W A Netherley to whom it may concern..Dec. 21, 1923

Dec. 26, 1923—LOT 3 BLK 19 Matthews Tract, Berkeley. T W Alder and Arthur E Clark to whom it may concern.....Dec. 26, 1923

Dec. 26, 1923—E SEVENTY-EIGHTH Ave 75 N Ash St., Oakland. Jessie M Pennoyer to M A Stewart.....Dec. 23, 1923

Dec. 26, 1 23—LOT 34 Homestead Tract, Berkeley. J A Knowlton to whom it may concern...Dec. 26, 1923

Dec. 26, 1923—N 44 LOT 5 BLK 15 Boulevard Park, Oakland. J W Sigwald to whom it may concern.....Dec. 26, 1923

Dec. 26, 1923—LOT 6 BLK "E" Map Maxwell Park, Oakland. Arthur Bard & Co to whom it may concern .....Dec. 26, 1923

Dec. 26, 1923—NO. 1211 PERALTA ST. Berkeley. C E Meader to whom it may concern.....Dec. 22, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Dec. 20, 1923—E MADERA AVE 238 S Birdsall, Oakland. Oakland Lime & Cement Co vs W B Wilson ..$21.50

Dec. 20, 1923—LOT 11 and Ptn Lots 12 and 10 Blk "G" Map Sbdvn Elks E, F, G, Mary C Mortimer Addition to Niles. A B Hill vs Charles E Peterson and Martin Foss..$1734.50

Dec. 20, 1923—PT. 652 SW SEVENTH St. and Snyder Ave W 250 S 269.04 E 250 N 269.44, Berkeley. Rhodes-Jamieson & Co vs Vegetable Oil Corp and Paulson & Marini..$751.17

Dec. 20, 1923—SE MADERA AVE 86 NE Fleming Ave NE 40xSE 105, Oakland. Oakland Lime & Cement Co vs W B Wilson.....$88.65

Dec. 20, 1923—PTN LOT 8 Map Peralta Park, Berkeley. Oakland Building Material Co vs Russell & Prosser and Geo L Nihel.....$36.10

Dec. 20, 1923—5.704 ACRES in Eden Tp. E L Blackman Co vs Carmelo Pezzolo $112.98

Dec. 20, 1923—NW FOURTEENTH Ave 60 NE E-18th St NE 50xNW 84, Oakland. Inlald Floor Co vs Mary Auguello $485

Dec. 20, 1923—PTN PLOT A Map undivided Mountain or Hill Land V. & D. Peralta Rancho. ——. M F Murray, $134; L W Blake, $737.14 vs Raymond E and Daisie P Ford

Dec. 22, 1923—LOT 200 Map 4th Ave. Terrace Extension, Oakland. E P Neel vs Fred J and Mary England and Gustaf Johanson.....$273.34

Dec. 22, 1923—PT 80 NE from NE Seminary Ave. and Brann St. SE 110xNE 40, Oakland. George A Moyett vs Amalie R Beyer.....$148

Dec. 22, 1923—LOT 9 and S 12½ Lot 10 Blk 14, Map Regents Park No. 8, Albany. Union Constr Co vs R G Kinsey $274.25

Dec. 24, 1923—LOT 200 Map 4th Ave. Terrace Extension, Oakland. Chas Wilson vs Gustaf Johanson, Fred J and Mary England.....$23

Dec. 24, 1923—NE ARIZONE 357.08 NW Laurel Ave NW 40xNE 222.30, Oakland. Mary Mfg Co vs Ralph E and Edna H Frederick.....$185

Dec. 24, 1923—LOT 200 BLK 537 Map 4th Ave Terrace Extension, Oakland. J H Green vs Gustaf Johanson and Fred J England.....$189

Dec. 24, 1923—S DALE PLACE 125 E 38th Ave., Oakland. Leon Pritchett vs E C and C Kramer..$144

Dec. 24, 1923—S DALE PLACE 205 E 38th Ave., Oakland. Leon Pritchett vs E C and C Kramer.....$144

Dec. 24, 1923—S DALE PLACE 165 E 38th Ave., Oakland. Leon Pritchett vs E C and C Kramer.....$144

Dec. 26, 1923—SE 20 LOTS 1, 2 and 3, all Lot 4, Thompson Park Tract, Alameda. George H Tay Co vs Walter More and W J Meyers..$38.78

Dec. 26, 1923—NW 100 LOTS 1, 2 and 3, Thompson Park Tract, Alameda, George H Tay Co vs Walter More and A L Warington.....$138 82

Dec. 24, 1923—LOT 13 BLK 9, Map Eastlawn, Oakland. Garrett Mill & Lumber Co vs Mary M and T R Huling and C A Shipman.....$668.29

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Dec. 26, 1923—NW 35 LOT 1 BLK "F" Map Bella Vista Park, Oakland. F P Bowers & Sons to James A and Jessie D Connell.....$268.65

Dec. 24, 1923—N HOLLYWOOD AVE 111 W Park Blvd., Oakland. S G Peterson to Pete Della Vedowa and Wm Holton.....$641

Dec. 26, 1923—LOTS 20 AND 21 Map Bromley Tract, Oakland. E E Wood Lumber Co to Hattye and A A Glantz $158.55

Dec. 26, 1923—LOTS 16 AND 17 Map Bromley Tct, Oakland. E K Wood Lumber Co to Hattye and A A Glantz $52.50

Notice of Non-Responsibility

ALAMEDA COUNTY

Dec. 26, 1923—SW FOURTEENTH & Washington W 100xS 50, Oakland. University Investment Co as to improvements on property.....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 1-story 5-room, and garage, $4500; 1300 35th, Sacramento; owner, G. H. Atkinson, 615 26th, Sacramento; contractor, H M Earle 1036 Dolores Way, Sacramento.

DWELLING, 1-story 5-room and garage, $4500; 2617 Castro Way, Sacramento; owner, G. E. Harvie, 2212 T, Sacramento.
STORES, (2) 1-story and basement, $15,000; 1501 K, Sacramento; owner Henderson Bros., Masonic Bldg., Sacramento; contractor, E. W. Bark, 2912 G, Sacramento.
DWELLING 1-story 5-room, and garage, $3500; 1332 35th, Sacramento; owner, C. W. Palmer, 2422 F, Sacramento.
DWELLING, 2-story 7-room, and garage, $6500; 1065 47th, Sacramento; owner, John C. Ing, P. O. Bldg., Sacramento; contractor, R. M. Smith.
DWELLING, 1-story 5-room, and garage, $4000; 2710 Castro Way, Sacramento; owner, W. H. White, 2960 Upper Stockton Rd., Sacramento; contractor, E. Thomas, 2021 24th Sacramento.
DWELLING, one-story 6-room and garage, $2700; No. 4117 T St., Sacramento; owner, Greer & Harrigan, 708 J St., Sacramento; contractor, H. G. Birdsall, 1503 13th St., Sacto.
DWELLING, one-story 5-room and garage, $4500; No. 2633 Castro Way, Sacramento; owner, Mrs. M. A. Ballagh, Box 1116 Rte 4, Sacramento; contractor, R. L. Hachaway
DWELLING, one-story 5-room and garage, $3000; No. 3257 D St., Sacramento; owner, Vaughn & Christie, 500 15th St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; owner, Vaughn & Christie.
ADDITION, one-story iron, $5000; No. 1530 North B St., Sacramento; owner, Shaw Pipe & Steel Works, 16th and North B Sts., Sacramento; contractor, Ira Boss, 2615 K St., Sacramento.
DWELLING, one-story 5-room and garage, $5500; No. 1308 35th St Sacramento; owner, Alice M. Meyers, 3102 Montgomery Way, Sacramento contractor, B. H. Bill, 3252 Marshall Way, Sacramento.
DWELLING, one-story 5-room and garage, $3950; No. 3209 D St., Sacramento; owner, E. J. Artz, 1414 19th St., Sacramento; contractor, F. H. Artz, 1911 28th St., Sacramento.
DWELLING, one-story 5-room and garage, $5750; No. 720 Santa Ynez Way, Sacramento; owner, C. H. Mann, 1723 M St., Sacramento; contractor, W. B. Ladue, 2319 O St.,
DWELLING, one-story 6-room and garage, $5000; No. 1045 35th St., Sacramento; owner, Harley H. Gill, 2524½ 1st Ave. Sacramento.
DWELLING, two-story and garage, $10,000; No. 3416 J St., Sacramento; Owner, J. A. Saunders, 2810 J St., Sacramento.
DWELLING, 1-story 5-room and garage, $5250; No. 2624 3rd Ave., Sacramento; owner, T. Baker, 3243 4th Ave., Sacramento; contractor, F. Maloney, 3172 T St., Sacramento.
DWELLING, one-story 5-room and garage, $2500; S ½ Lot 76, So. Sacramento Sub B.; owner, A. J. Marquis, 3825 3rd Ave., Sacramento.
DWELLING, one-story 5-room and garage, $2500; No. 529 38th St., Sacramento; owner, Urbane and Annie Steeves, 521 38th St., Sacramento.
DWELLINGS, two-story 4-rooms each, $12,800; No. 1421 12th St., Sacramento; owner, Mrs. M. A. Landsburg, 1003 J St., Sacto.; contractor, G. E. Harvie, 2212 T St., Sacto.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

BUILDING
LOT 12 BLK 12, City Park Terrace, Stockton. All work for building.
Owner—C. L. & William E. Schultz.
Architect—None.
Contractor—A B Willis & Sam Clothier 1232 E-Lafayette St., Stockton.
Filed —, '23. Dated Dec. 10, '23.
TOTAL COST, $3600
Bond, none. Limit, 90 working days. Forfeit, plans and specifications, none.

HOTEL
LOT 11 BLK 48, East of Center St., Stockton. All work to complete hotel.
Owner—Fermin Alustiza.
Architect—None.
Contractor—Louis Peletz, 619 E-Miner St., Stockton.
Filed Dec. 18, '23. Dated Dec. 17, '23.
TOTAL COST, $24,000
Bond, none. Limnt, within 120 working days from Dec. 18, 1923. Forfeit, plans and specifications, none.

RESIDENCE, $3800; 1422 Picardy Dr., Stockton; owner, Wm. Peenstra, 125 Kensington Way, Stockton.
RESIDENCE, $4500; 236 East Noble, Stockton; owner, Wm. Cassidy.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Dec. 14, 1923—LOT 27 BLK 28 Sub 2, Tuexdo Road, Stockton. William Punstra to whom it may concern.. .....Dec. 11, 1923
Dec. 18, 1923—LOT 6 BLK 2, Lomita Park, Stockton. Joyce D Koch to Frank Guyon .....Dec. 12, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Dec. 19, 1923—LOT 8, BLK 86 S OF Mormon Channel, City of Stockton, No. 325¼ E Jackson St. Clarence H. Barton vs Isabella D. Williams nee Isabella D. Satterthwait....$493

BUILDING CONTRACTS

SANTA CLARA COUNTY

GARAGE & STORE
IN BLK 11 N SIDE OF EMERSON ST. bet. Hamilton & Forest Ave., Palo Alto. All work for 1-story reinforced concrete garage and store building.
Owner—Ethel B. Warren, Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero Rd., Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed —. Dated Dec. 8, 1923.
In monthly installments to the amount of 75% of the valuation of the work completed, $1000 to be retained until 35 days after the filing of the notice of completion and payable when proof is shown building is clear of all liens.
TOTAL COST, $13,817
Bond, $6910; Sureties, W. P. Gray and Z. T. Thorning; Forfeit, none; Limit, 100 working days from Dec. 11, 1923; Plans and specifications filed.
ALTERATIONS, $1975; 275 S 14th, San oJse; owner, Leo Jacobs, 102 Martin, San Jose; architect, C. W. De Hegy, 903 E Julian, San Jose.
COTTAGE, 4-room, $1800; San Anotnio near King Rd., San Jose; owner, H. Elwell.
COTTAGE, 5-room, $1500; Anita near Hobson, San Jose; owner, G. W. Ludvick.
COTTAGE, 5-room, $3500; Clintonia nr Riverside, San Jose; owner, Geo. R. Kochen; architect, Wolfe & Higgins, Auzerais Bldg., S. J.; contractor, Benj. Quimet.
COTTAGE, 5-room, $1650; N 33rd near McKee, San Jose; owner, Chas. D. ingalls.
COTTAGE, 5-room, $2000; 34th and Shortridge, San Jose; owner, Jos. Ennis, 394 E Sta. Clara, San Jose;
COTTAGE, 5-room, $5500; 15th near Empire, San Jose; owner, Tainter Realty Co.; architect, Minton Co.
ALTERATIONS, $4000; N 2nd and S. P. R.R., San Jose; owner, Security Warehouse Co.; contractor, R. O. Summers, 1019 Sherman, San Jose.
COTTAGE, 4-room, $1900; 26th & Whitton, San Jose; owner, Fred Metzger; architect, Jos. Larson, 1203 McKee Rd., Fresno.
ALTERATIONS, $1800; No. 731 S-Third St., San Jose; owner, H. C. Bramkamp.
ADDITION to store, $1000; Tenth and Reed Sts., San Jose; owner, C. C. Currie, 601 S-10th St., San Jose.
COTTAGE, three-room, $1000; Prevost and Jerome Sts., San Jose; owner, W. H. Cave, 349 E-Jerome St., San Jose; contractor, Johnson & Rodriquez.
FIVE units of a 15 bungalow court, $9375; Seventh and Julian Sts., San Jose; owner, E. A. Roberts.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Dec. 12, 1923—SW SAN FERNANDO St. and Gillespie Ave, San Jose. Geo A Clough to whom it may concern .....Dec. 5, 1923
Dec. 12, 1923—PTN LOTS 7 AND 9 Blk 23, Chapman and Davis Tract, San Jose. J W & Carolina Edwall to whom it may concern.Dec. 3, 1923
Dec. 12, 1923—N ODD FELLOW and E S. P. Track, Gilroy. Gilroy School District (by Trustees) to Latourrette-Fical Co.....Nov. 27, 1923
Dec. 12, 1923—PTN BLK 4 S R 1 E of Town of Santa Clara. Marie V Teixeira to N O Berg..Dec. 10, 1923
Dec. 12, 1923—W HANNA ST., bet. 2nd and 3rd Sts., Gilroy. Gilroy School District (by Trustees) to Latourrette-Fical Co...Nov. 27, 1923
Dec. 12, 1923—S MULLEN AVE AND E University, Los Gatos. Los Gatos School Dist (by Trustees) to Fred Berryman & Son.....Dec. 10, 1923
Dec. 12, 1923—N ODD FELLOW ST. and E S. P. Tracks, Gilroy. Gilroy School District (by Trustees) to Latourrette-Fical Co...Nov. 27, 1923
Dec. 12, 1923—LOT 8 J. M. Nelson's Nob Hill Sbdvn, San Jose. William Regel to whom it may concern.... .....Dec. 12, 1923
Dec. 13, 1923—SE COLOFF ROAD & Cherry Ave, Town of Los Altos. Erwin Reichel to whom it may concern.....Dec. 12, 1923
Dec. 13, 1923—PTN LOT 2 BLK 94, Lincoln Park Addition, San Jose. L A Bachelder to whom it may concern.....Nov. 10, 1923
Dec. 13, 1923—LOT 9 University Tct, San Jose. Alexander York to whom it may concern.....Dec. 12, 1923
Dec. 14, 1923—LOT 4 BLK 9, Hanchett Park Tract, San Jose. Julia J Noakes to McCary & Sharp..... .....Dec. 10, 1923
Dec. 14, 1923—N FIRST ST. (repaving passenger tracks), San Jose. Southern Pacific Co to Raisch Imp Co.....Dec. 4, 1923
Dec. 14, 1923—N FIRST ST (repaving freight tracks), San Jose. Southern Pacific Co to Raisch Imp Co.....Dec. 4, 1923
Dec. 14, 1923—LOT 17 Naglee Park Addition, San Jose. Alfred Jones to whom it may concern...Dec. 12, 1923
Dec. 14, 1923—LOT 22 Cole Realty's Co. Sbdvn, San Jose. L C Rossi to whom it may concern..Dec. 13, 1923
Dec. 14, 1923—LOT 21 Cole Realty Co. Sbdvn, San Jose. L C Rossi to whom it may concern...Dec. 13, 1923
Dec. 15, 1923—LOT 12 BLK 2, Conkling and Coe Sbdvn, San Jose. H ugh E Bayles to whom it may concern.....Dec. 15, 1923
Dec. 17, 1923—ALL LOT 21 and part Lots 22 and 20 Blk 35, Seale Addition 29 Palo Alto. Ward Cooper to whom it may concern.Dec. 12, 1923
Dec. 17, 1923—LOT 2 BLK 40, City of Palo Alto. A E Monteith to whom it may concern.....Sept. 2, 1923
Dec. 17, 1923—LOT 24 BLK 3, Rose Lawn, San Jose. J D and Alma B Kay to whom it may concern..... .....Dec. 17, 1923
Dec. 17, 1923—LOT 7 BLK 3 Range 2, E of the Castro and Calderon Subdivision, Mt. View. Edward H Dean to whom it may concern.Dec. 17, 1923
Dec. 18, 1923—LOTS 15 AND 18 BLK 24, Cook and Branham's Addition, San Jose. Rosa Sunseri to whom it may concern.....Dec. 14, 1923
Dec. 18, 1923—LOT 2 BLK 14, Reed's Addition, San Jose. Mayfield Boone to whom it may concern.Dec. 14, 1923

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Dec. 13, 1923—LOT NO. 3 SUBDIVI - sion Sierra Vista Addition. Progress Lumber Co. vs Edwin S. Williams and William R. Neubauer $870.37
Dec. 17, 1923—LOT 18 BLK 5 EAST Vestal's Subdivision. Sunset Lumber Co. vs Alice Cameron.....$29.10
Dec. 17, 1923—LOT 28 BLK 7 ROSE-lawn Subdivision Los Cathes Rancho. Sunset Lumber Co. vs Chas. R. Stoller $51.55

Dec. 17, 1923—LOT 3 SIERRA VISTA Addit. J. W. Carpenter vs Edwin S. Williams and William R. Neubauer $133
Dec. 18, 1923—PART OF LOTS 15 & 16 BLK 1 Subdivision of Lindaum & Brassy Tract. Sunset Lumber Co. vs H. R. Spangler $92.55
Dec. 18, 1923—LOT 21 J. A. NORTON Subdivision. Sunset Lumber Co. vs Geo. Bertalani & Geo. Batti....$54.40

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

ADDITIONS and alterations, $20,000; 2500 Mariposa St., Fresno; owner, Adventist Church; contr., Church and Nelson.

FOUR dwellings and garages, $4000; No. 3344-46-48-50 Alta St., Fresno; owner, W. W. Rennich; contractor, Yarnell & Garges.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Dec. 19, 1923—LOT 33 S ½ LOT 34, Nishkian Tract Fresno. J A Schlotthauer to whom it may concern .....Dec. 19, 1923
Dec. 19, 1923—LOTS 738 TO 745, 772 to 779, Bullard Lands Irri. Sub 6, Fresno. J L Martin to whom it may concern .....Dec. 19, 1923
Dec. 20, 1923—LOTS 45, 46 BLK 8, College Park, Fresno. E. T. Radcliffe to whom it may concern.... .....Dec. 19, 1923
Dec. 22, 1923—W 140 FT LOT 22, Martha C Kruger Sub of NE ¼ of Sec 25, 17-19, Fresno. Martha C Kruger to whom it may concern.. .....Nov. 10, 1923
Dec. 22, 1923—LOT 39 S ¼ LOT 40, Lot 42 S ½ Lot 43, Nishkian Tract, Fresno. J A Schlotthauer to whom it may concern.....Dec. 21, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount
Dec. 19, 1923—LOTS 17, 18 BLK 5 New High School Addition, Fresno. Sunset Lumber Co. vs Earl Whitehorn $100
Dec. 19, 1923—LOTS 34, 35, BLK 3, Torrance Terrace, Fresno. Midstate Pipe & Supply Co. vs Watkins & Deardorf and N. E. Deardorf....$316
Dec. 21, 1923—LOTS 16, 17 AND 18 Blk 1, Kings Orange Manor, Fresno Smith Hardware Co vs Mary A Thoman and V R Thoman.....$28
Dec. 22, 1923—LOTS 7 AND 8 BLK 7, La Sierra Tract, Fresno. Routt Lumber Co. Inc vs O F Campbell.$822
Dec. 22, 1923—LOTS 13 AND 14 BLK 14, La Sierra Tract, Fresno Routt Lumber Co Inc vs O F Campbell.$822
Dec. 22, 1923—LOTS 29 AND 30 BLK 3, Sparkmans Ventura Tract, Fresno. M Kellner & Son Lumber Co vs Emmett Wainscott.....$125
Dec. 24, 1923—LOTS 7, 8, 13 AND 14 Blk 7, La Sierra Add, Fresno. J D Halstead Lumber Co vs O F Campbell $1467

BUILDING CONTRACTS

SAN MATEO COUNTY

STORE, ETC.
LOT 1 BLK 7, Town of San Mateo. All work for two-story and basement reinforced concrete store and office building.
Owner—George and Filamina Balouich, 270 B St., San Mateo.
Plans by Mitchell Jackson & Co., 170 Second St., San Mateo.
Contractor—Mitchell Jackson & Co., 170 Second St., San Mateo.
Filed Dec. 18, '23. Dated Dec. 14, '23.
Concrete poured, etc..... 1/5
Hollow wall tile to 2nd story... 1/5
Brown coated 1/5
Completed 1/5
Usual 35 days..... 1/5
TOTAL COST, $53,269.15
Bond, $26,654.57. Surteies, U. S. Fidelity & Guaranty Co of Maryland. Limit. 120 working days. Forfeit, none. Plans and specifications filed.

BUNGALOWS
LOTS 2 AND 3 BLK "B" Vera Ave. Villas, Redwood. All work for 8 three-room bungalows.
Owner—Jean, Marion and Blanch Cumming, Redwood.
Architect—None.
Contractor—John Hall, Redwood.
Filed Dec. 19, '23. Dated Dec. 13, '23.
Frame up each..... 25%
Plastered, each 25%
Completed, each..... 25%
Usual 35 days, each..... 25%
TOTAL COST, $1498.75 each
Bond, $11,990. Sureties, Floyd L. Baird and R. C. Wateman Jr. Limit, 120 working days. Forfeit, $5. Plans and specifications filed.

LATH and plastering, $1200; Lot 2, Laurel Ave., Glazenwood; owner, W. H. Toepke, 1432 Florabunda Ave., San Mateo.
STORE and office, $5500; Lot 1 Blk 7 B St. and 3rd Ave., San Mateo; owner, Geo. Balovich, 216 8th Ave., San Mateo; contractor, Mitchell & Jackson, 170 2nd Ave., San Mateo.
DWELLING $5000; N Lot 295, Hillcrest owner, H. E. McCool.
DWELLING and garage, $7000; S ½ Lot 178, Clark Drive, San Mateo; owner, Hammer & Hultberg, San Mateo.
BUNGALOW and garage, $5000; Lot 26 Blk 29, Balboa Ave., Burlingame, owner, Captain E W. Sprague.
BUNGALOW and garage, $4000; Lot 21 Blk 22, Howard Ave., Burlingame; owner, Harry Regan, 136 Occidental Ave., Burlingame.
BUNGALOW and garage, $4000; Lot 22 Blk 22, Howard Ave., Burlingame; owner, Harry Regan, 136 Occidental Ave., Buprlingame.
BUNGALOW, $2500; Lot 10 Blk 1, Highway, Burlingame; owner, E. Paugle
BUNGALOW and garage, $5000; Lot 5 Blk 8, Costa Rica Ave., Burlingame owner, C. E. Wilkins; contractor, John P. Dailey.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Dec 12, 1923—LOCATION NOT GIVEN J A and Margaret M Gaffigan to Grant T Johnson.....Dec. 1, 1923
Dec. 15, 1923—LOT 6 BLK 6, Hayward Addition, San Mateo. J A and Margaret Gaffigan to Grant T Johnson.....Dec. 6, 1923
Dec 20, 1923—LOT 7-A Burlingame. Otto A Schoning to Thomas J Broderick .....Dec. 8, 1923
Dec 21, 1923—BURLINGAME COUNTRY Club, Hillsborough. Burlingame Country Club to Grace & Bernieri .....Dec. 12, 1923
Dec. 21, 1923—LOT 19 BLK 3, Burlingame Terrace, Burlingame. D Houle to whom it may concern... .....Dec. 17, 1923
Dec. 21, 1923—LOTS 3, 4 AND 5, Fremont Acres, Menlo Park. Murdick Montgomery to whom it may concern.....Dec. 19, 1923
Dec. 21, 1923—LOT 6 BLK 12, Burlingame Terrace, Burlingame. Elizabeth V Sonntag to M J Soto..... .....Dec. 1, 1923
Dec. 24, 1923—PTN LOT 12 BLK Bowe Estate No. 1, Hillsborough. Edward and Jean Oliver McCauley to Cavanagh Bros.....Nov. 16, 1923
Dec. 24, 1923—PTN LOTS 29 AND 30 Blk 5, Easton, Burlingame. Thos Bradbury to E S Phelps..Dec 8, 1923

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Dec. 17, 1923—LOT 9 BLK 3-B, Western Addition, San Mateo. James Lord, $403.75; L D Clearry, $35; G Plan, $765.84; J H Kruse, $730.24; J N Mongin, $150.40; J A Gaffigan, $102.30; James Hanlan, $837; San Mateo Feed & Fuel Co, $50.60 vs C Kopp and Jas Keegan.....
Dec. 18, 1923—N ½ LOT 9 BLK 3-B Western Addition to San Mateo. Wisnom Turner Hwd Co., $49.65; John G Morrison, $641.50; Atlas Heating & Ventilating Co, $189; E C Jacobson, $326; American Furniture Mfg Co, $412.50; William Taylor, $65; Roy Geary (as Geary Floor Co,) $3251; Michael McGratti, $55; Ajax Roofing Co, $265 vs C Knapp and Jas Keegan.....
Dec. 19, 1923—N ½ YOT 9 BLK 3-B Western Addn, San Mateo. Atlas Heating & Ventilating Co, $189.07; San Mateo Planing Mill Co, $1101.82 Liond Stone, $569; John G Merrison (as Morrison & Blair), $461.50; Ajax Roofing Co, $265 vs C Kopp et al .....
San. 21, 1923—LOT 6 BLK 14, Lyon & Hoag Sbdvn, Burlingame. Wisnom Lumber Co vs Jack O'Connor and Thomas Wike.....$524.84
Dec. 24, 1923—LOT 6 BLK 14, Lyon & Hoag Sub, Burlingame. Frank H Thrall, $192; Wm Hickey, $224; J A Johnson, $46.50; Cahalan Co, $40.89; J M Collins, $1622.60; Downer & Mero, $106 vs Thomas Wike....

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
SIS MISSION STREET SAN FRANCISCO

Reinhart Lumber and Planing Mill Company
GENERAL LUMBER YARD
Dry Kiln Capacity, 10 Million Feet per Annum
General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings
JERROLD AVE. & VARNEVELD AVE.
Mission 901-902-903-904 San Francisco

Phone Franklin 9400
FRED H. BOGGS
INSURANCE
490 GEARY STREET
SAN FRANCISCO Member Insurance Brokers Exchange

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

W. P. FULLER & CO.

301 Mission Street Phone Sutter 4400

Fuller Branches

OAKLAND, SACRAMENTO, STOCKTON, FRESNO, LOS ANGELES, HOLLYWOOD, PASADENA, LONG BEACH, SAN DIEGO, SANTA MONICA, SAN BERNARDINO, SANTA ANA, PORTLAND, BOISE, WALLA WALLA, SALT LAKE CITY, SEATTLE, TACOMA, SPOKANE, YAKIMA